

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU062818\  
 Data File : VU025057.D  
 Acq On : 29 Jun 2018 06:49  
 Operator : MD/SY  
 Sample : J3707-20MS  
 Misc : 6.33g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

Quant Time: Jun 29 08:41:38 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      | 4.99  | 168  | 201037   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 312671   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.10  | 117  | 309483   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 192859   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65  | 153707   | 46.83 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.66%  |      |
| 35) Dibromofluoromethane    | 4.89   | 113 | 125357   | 48.31 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.62%  |      |
| 50) Toluene-d8              | 7.57   | 98  | 426590   | 45.07 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 90.14%  |      |
| 62) 4-Bromofluorobenzene    | 10.32  | 95  | 192498   | 51.22 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.44% |      |

| Target Compounds              |      |     |         |         | Qvalue    |
|-------------------------------|------|-----|---------|---------|-----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 96820   | 38.476  | ug/l 99   |
| 3) Chloromethane              | 1.32 | 50  | 100571  | 39.120  | ug/l 99   |
| 4) Vinyl Chloride             | 1.40 | 62  | 115915  | 43.721  | ug/l 100  |
| 5) Bromomethane               | 1.60 | 94  | 29781   | 23.236  | ug/l 98   |
| 6) Chloroethane               | 1.66 | 64  | 43202   | 28.712  | ug/l 97   |
| 7) Trichlorofluoromethane     | 1.82 | 101 | 151077  | 37.339  | ug/l 98   |
| 8) Diethyl Ether              | 2.10 | 74  | 70819   | 51.489  | ug/l 87   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.25 | 101 | 100297  | 39.957  | ug/l 96   |
| 10) Methyl Iodide             | 2.38 | 142 | 97025   | 46.131  | ug/l 98   |
| 11) Tert butyl alcohol        | 2.83 | 59  | 7327    | 9.179   | ug/l # 72 |
| 12) 1,1-Dichloroethene        | 2.25 | 96  | 95894   | 41.891  | ug/l 91   |
| 13) Acrolein                  | 2.20 | 56  | 35017   | 83.541  | ug/l 99   |
| 14) Allyl chloride            | 2.57 | 41  | 179868  | 42.319  | ug/l 87   |
| 15) Acrylonitrile             | 2.95 | 53  | 374287  | 241.009 | ug/l 99   |
| 16) Acetone                   | 2.35 | 43  | 340428  | 193.052 | ug/l 99   |
| 17) Carbon Disulfide          | 2.45 | 76  | 250219  | 34.137  | ug/l 98   |
| 18) Methyl Acetate            | 2.62 | 43  | 227880  | 60.280  | ug/l 98   |
| 19) Methyl tert-butyl Ether   | 3.01 | 73  | 420535  | 48.873  | ug/l 95   |
| 20) Methylene Chloride        | 2.69 | 84  | 123085  | 44.485  | ug/l 94   |
| 21) trans-1,2-Dichloroethene  | 2.97 | 96  | 112842  | 44.757  | ug/l 96   |
| 22) Diisopropyl ether         | 3.58 | 45  | 397507  | 47.179  | ug/l 95   |
| 23) Vinyl Acetate             | 3.53 | 43  | 1582108 | 209.620 | ug/l 98   |
| 24) 1,1-Dichloroethane        | 3.44 | 63  | 225858  | 46.598  | ug/l 99   |
| 25) 2-Butanone                | 4.28 | 43  | 502079  | 211.969 | ug/l 96   |
| 26) 2,2-Dichloropropane       | 4.22 | 77  | 131271  | 28.522  | ug/l 88   |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96  | 295870  | 102.076 | ug/l 92   |
| 28) Bromochloromethane        | 4.55 | 49  | 89015   | 41.695  | ug/l 85   |
| 29) Tetrahydrofuran           | 4.65 | 42  | 334670  | 228.160 | ug/l 96   |
| 30) Chloroform                | 4.68 | 83  | 237362  | 48.383  | ug/l 99   |
| 31) Cyclohexane               | 4.99 | 56  | 189801  | 43.854  | ug/l 95   |
| 32) 1,1,1-Trichloroethane     | 4.91 | 97  | 210999  | 46.510  | ug/l 96   |
| 36) 1,1-Dichloropropene       | 5.13 | 75  | 161216  | 43.879  | ug/l 97   |
| 37) Ethyl Acetate             | 4.39 | 43  | 205759  | 51.381  | ug/l 98   |
| 38) Carbon Tetrachloride      | 5.13 | 117 | 182659  | 45.209  | ug/l 99   |

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 MSVOA\_U  
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 WP021SB489-21-23-180622MS

Quant Time: Jun 29 08:41:38 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) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.41  | 83   | 190597   | 41.569   | ug/l   | 96       |
| 40) Benzene                    | 5.39  | 78   | 482703   | 46.107   | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.55  | 41   | 104326   | 48.319   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 5.41  | 62   | 198234   | 49.716   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.56  | 43   | 320406   | 46.288   | ug/l   | 98       |
| 44) Trichloroethene            | 6.19  | 130  | 137853   | 46.267   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.44  | 63   | 134439   | 48.127   | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 94791    | 48.310   | ug/l   | 95       |
| 47) Bromodichloromethane       | 6.76  | 83   | 181220   | 46.381   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.63  | 41   | 161113   | 47.799   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.65  | 88   | 73009    | 1107.598 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 7.48  | 43   | 1070578  | 246.180  | ug/l   | 97       |
| 52) Toluene                    | 7.64  | 92   | 316959   | 47.058   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.89  | 75   | 193996   | 44.213   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 199834   | 42.741   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.08  | 97   | 140099   | 51.170   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.03  | 69   | 231212   | 50.455   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.25  | 76   | 230461   | 49.898   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.14  | 63   | 76737    | 43.710   | ug/l   | 95       |
| 59) 2-Hexanone                 | 8.38  | 43   | 861358   | 242.612  | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.49  | 129  | 157057   | 46.001   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 148319   | 48.671   | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.23  | 164  | 141159   | 47.985   | ug/l   | 97       |
| 65) Chlorobenzene              | 9.13  | 112  | 386795   | 48.923   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 9.22  | 131  | 144635   | 48.152   | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.26  | 91   | 642198   | 46.334   | ug/l   | 96       |
| 68) m/p-Xylenes                | 9.38  | 106  | 500653   | 94.067   | ug/l   | 97       |
| 69) o-Xylene                   | 9.79  | 106  | 250146   | 47.491   | ug/l   | 97       |
| 70) Styrene                    | 9.80  | 104  | 421967   | 48.749   | ug/l   | 99       |
| 71) Bromoform                  | 9.97  | 173  | 131351   | 46.007   | ug/l # | 98       |
| 73) Isopropylbenzene           | 10.17 | 105  | 689370   | 46.557   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.02 | 43   | 307548   | 43.668   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.47 | 83   | 241644   | 48.700   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.50 | 75   | 282241   | 66.471   | ug/l   | 80       |
| 77) Bromobenzene               | 10.46 | 156  | 183677   | 48.999   | ug/l   | 95       |
| 78) n-propylbenzene            | 10.59 | 91   | 775717   | 44.473   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 10.67 | 91   | 484497   | 47.102   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.78 | 105  | 589709   | 45.950   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.50 | 75   | 282241   | 153.842  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.78 | 91   | 558411   | 46.643   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.11 | 119  | 596736   | 48.337   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 597354   | 45.673   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.33 | 105  | 710626   | 45.987   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 612499   | 44.256   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 331099   | 47.809   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 332944   | 47.764   | ug/l   | 98       |
| 89) n-Butylbenzene             | 11.90 | 91   | 482685   | 39.284   | ug/l   | 96       |
| 90) Hexachloroethane           | 12.15 | 117  | 111717   | 41.379   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 11.89 | 146  | 342635   | 49.394   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 57470    | 41.976   | ug/l   | 94       |

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Sample : J3707-20MS  
Misc : 6.33g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 53 Sample Multiplier: 1

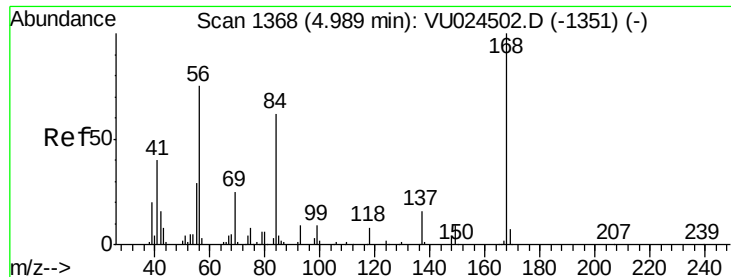
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

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Quant Method : Z:\V0ASRV\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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.51 | 180  | 199295   | 46.525 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.70 | 225  | 108464   | 44.986 | ug/l  | 99       |
| 95) Naphthalene            | 13.75 | 128  | 648286   | 45.773 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 208234   | 48.785 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

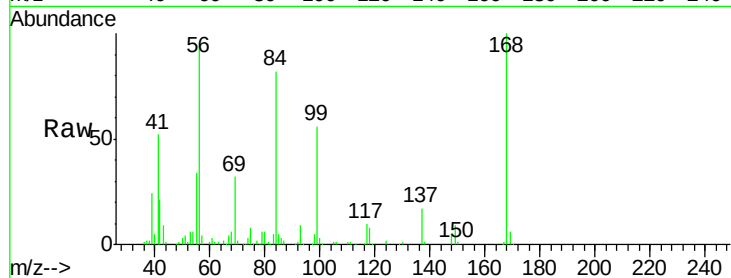
WP021SB489-21-23-180622MS

Tgt Ion:168 Resp: 201037

Ion Ratio Lower Upper

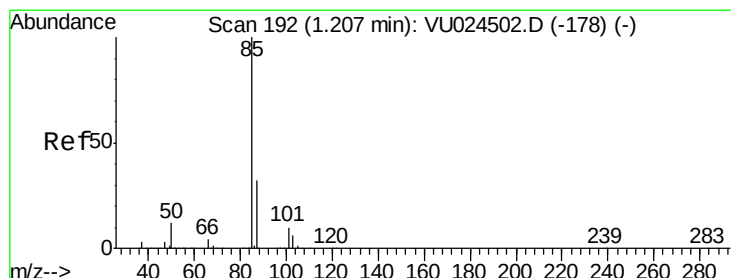
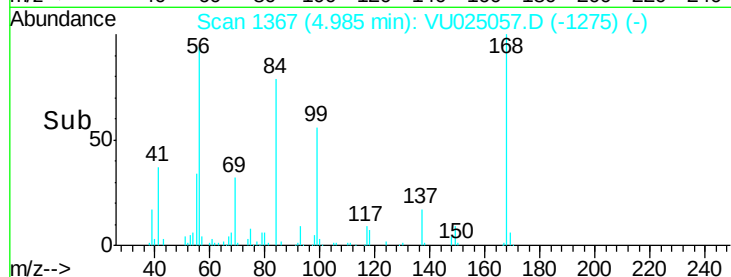
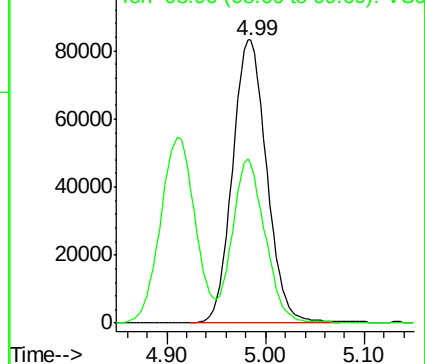
168 100

99 55.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 38.476 ug/l

RT: 1.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: VU025057.D

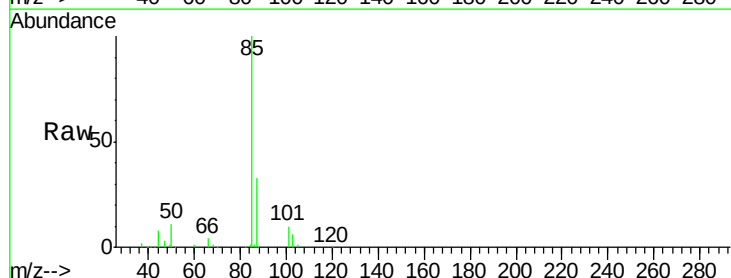
Acq: 29 Jun 2018 06:49

Tgt Ion: 85 Resp: 96820

Ion Ratio Lower Upper

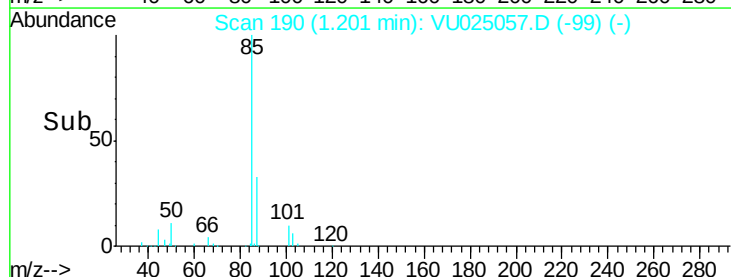
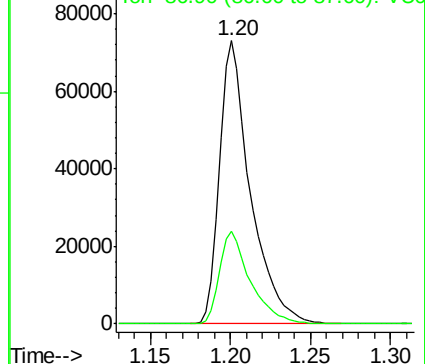
85 100

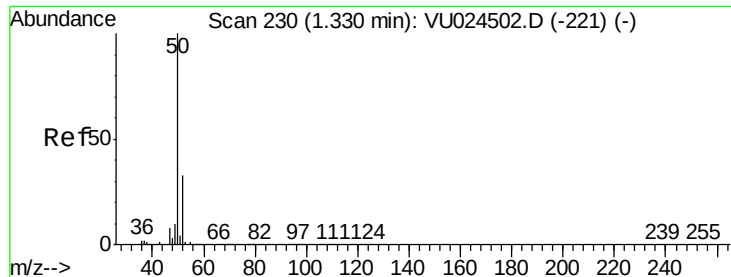
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 39.120 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

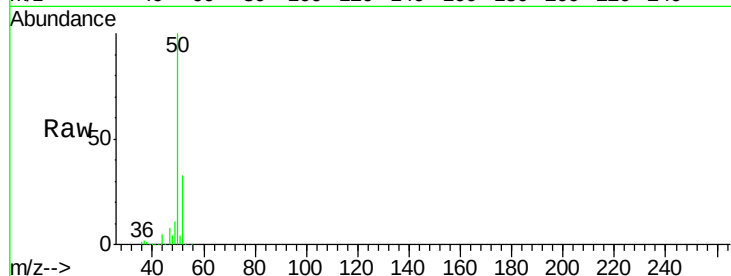
WP021SB489-21-23-180622MS

Tgt Ion: 50 Resp: 100571

Ion Ratio Lower Upper

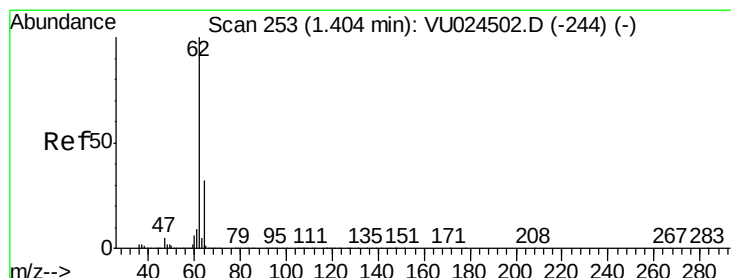
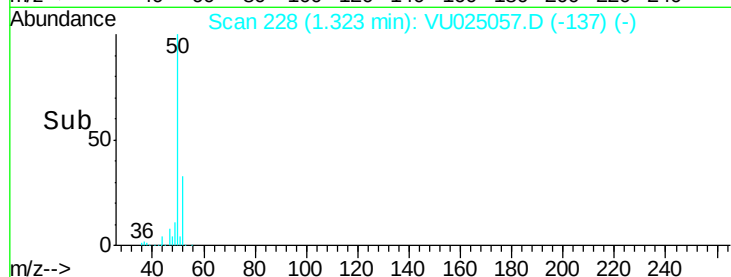
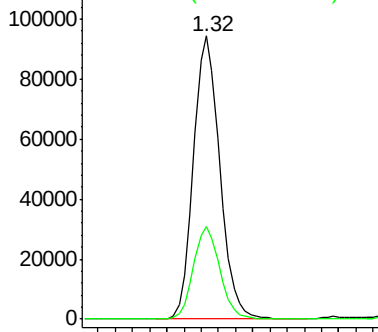
50 100

52 32.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 43.721 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025057.D

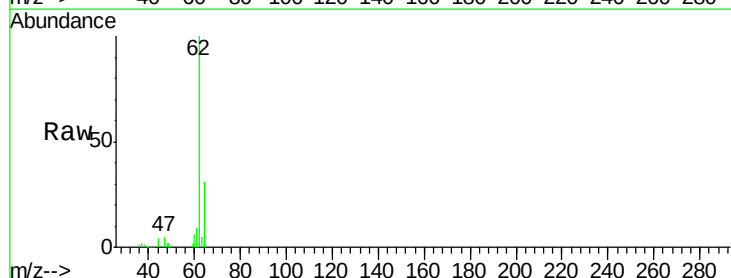
Acq: 29 Jun 2018 06:49

Tgt Ion: 62 Resp: 115915

Ion Ratio Lower Upper

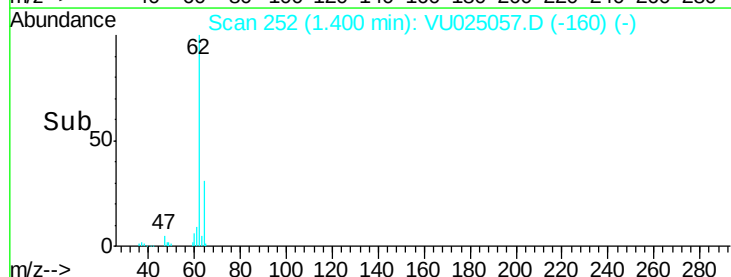
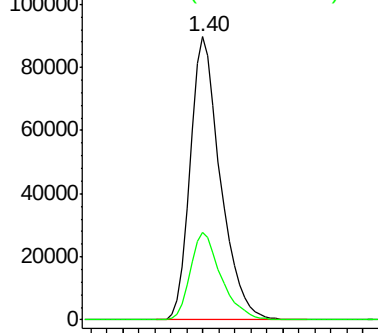
62 100

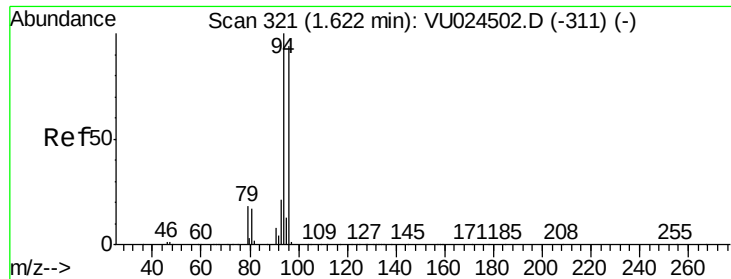
64 30.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 23.236 ug/l

RT: 1.60 min Scan# 314

Delta R.T. -0.02 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

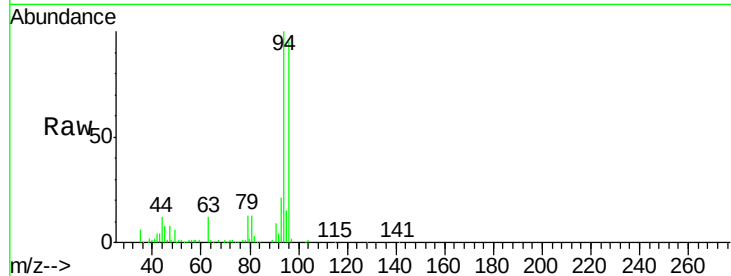
WP021SB489-21-23-180622MS

Tgt Ion: 94 Resp: 29781

Ion Ratio Lower Upper

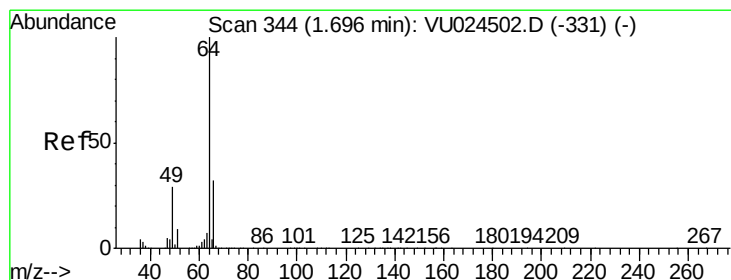
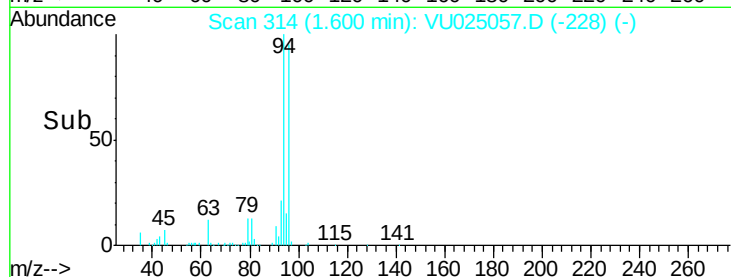
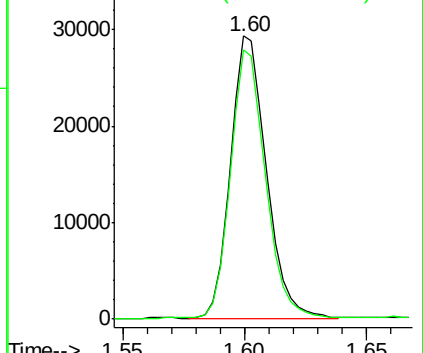
94 100

96 94.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 28.712 ug/l

RT: 1.66 min Scan# 333

Delta R.T. -0.04 min

Lab File: VU025057.D

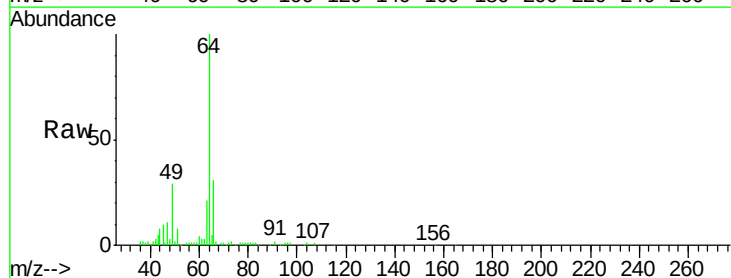
Acq: 29 Jun 2018 06:49

Tgt Ion: 64 Resp: 43202

Ion Ratio Lower Upper

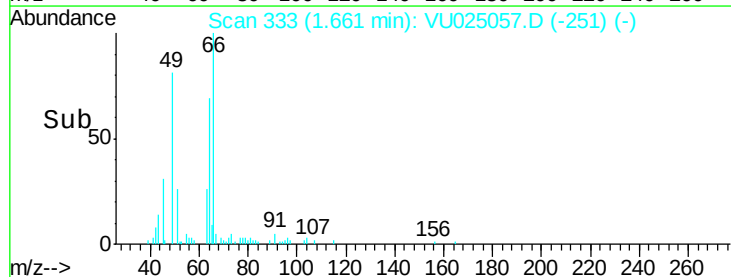
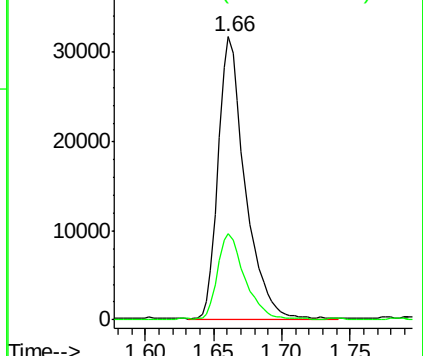
64 100

66 30.4 25.5 38.3

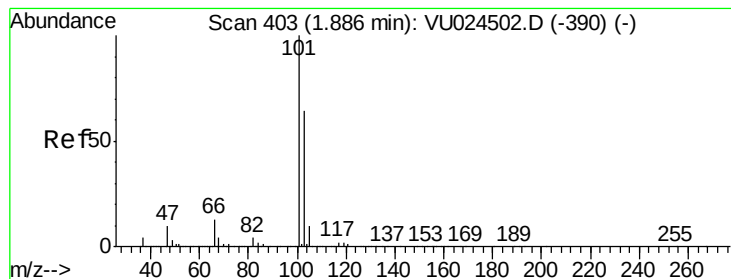


Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





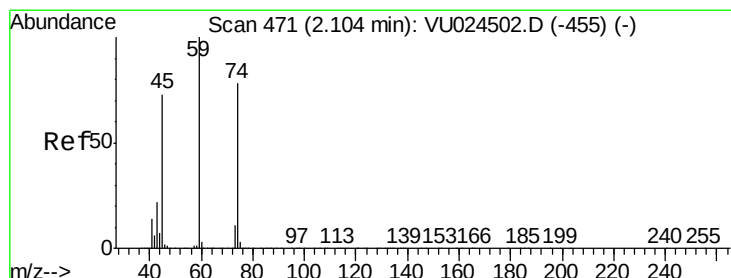
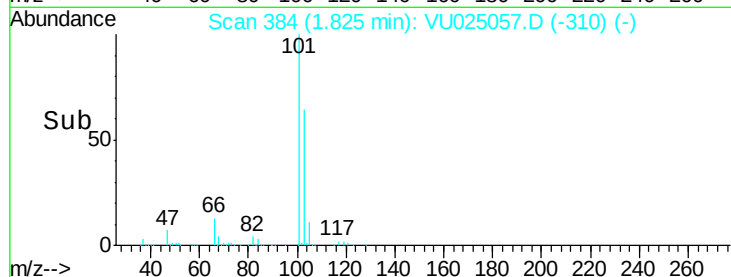
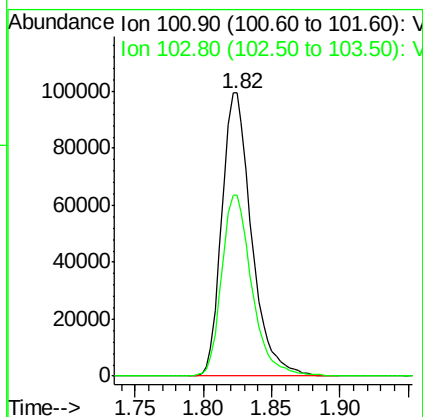
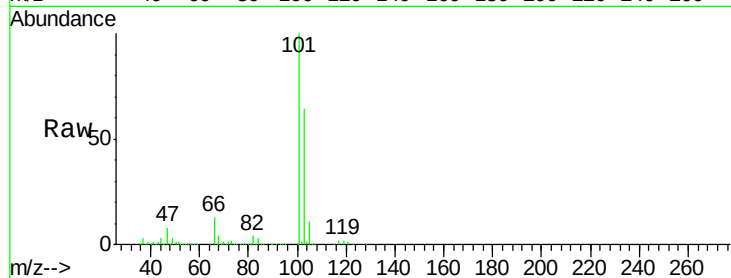


#7

Trichlorofluoromethane  
Concen: 37.339 ug/l  
RT: 1.82 min Scan# 384  
Delta R.T. -0.06 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Instrument :  
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ClientSampleId :  
WP021SB489-21-23-180622MS

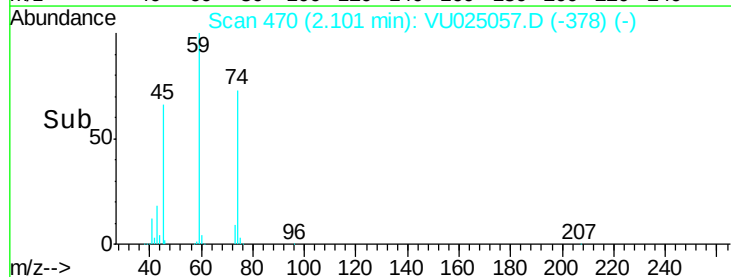
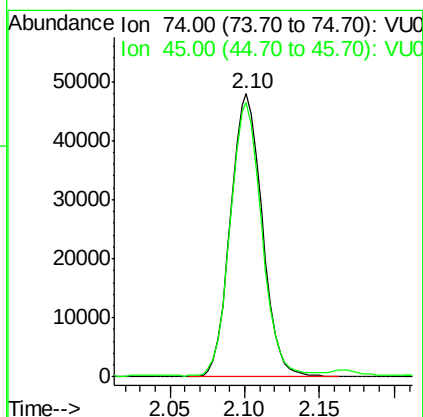
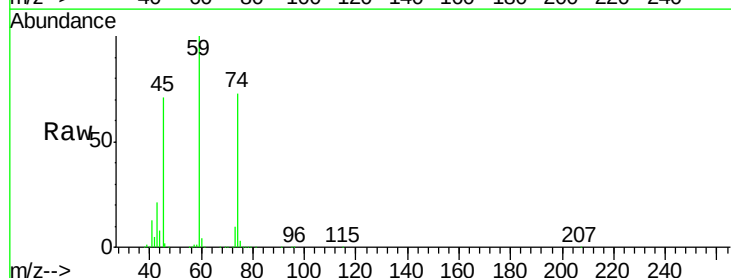
Tgt Ion:101 Resp: 151077  
Ion Ratio Lower Upper  
101 100  
103 63.7 52.3 78.5



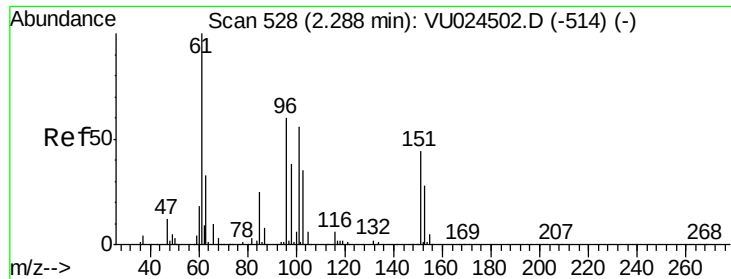
#8

Diethyl Ether  
Concen: 51.489 ug/l  
RT: 2.10 min Scan# 470  
Delta R.T. -0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 74 Resp: 70819  
Ion Ratio Lower Upper  
74 100  
45 96.2 55.0 165.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.957 ug/l

RT: 2.25 min Scan# 516

Delta R.T. -0.04 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

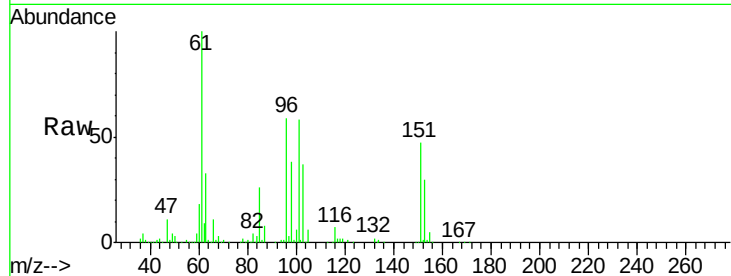
Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

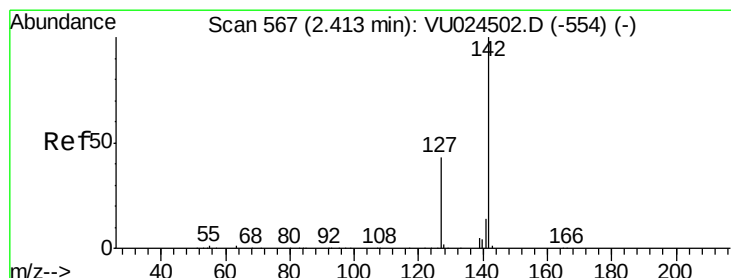
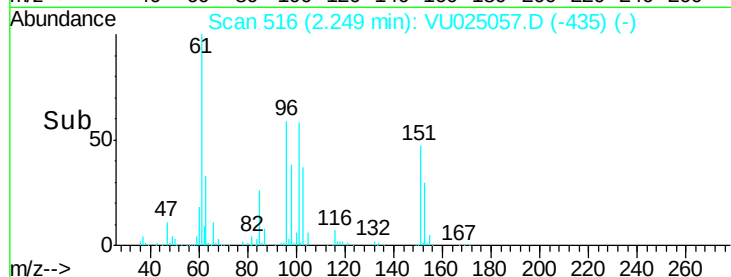
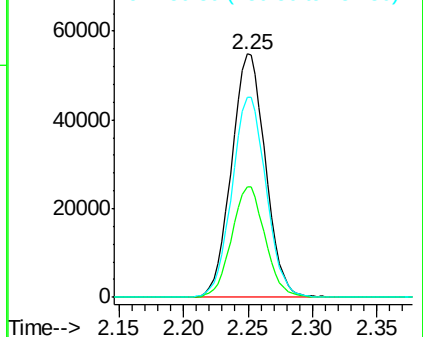
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 100297 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 44.8  | 36.0  | 54.0   |
| 151      | 82.8  | 62.3  | 93.5   |



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.131 ug/l

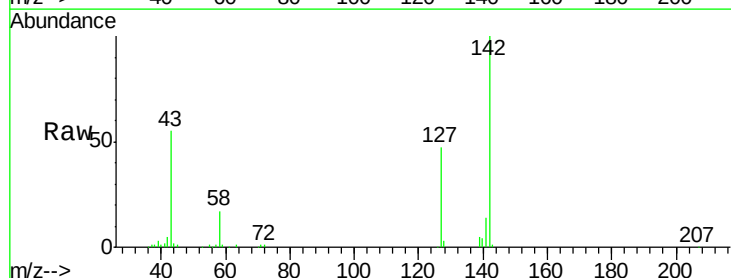
RT: 2.38 min Scan# 558

Delta R.T. -0.03 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

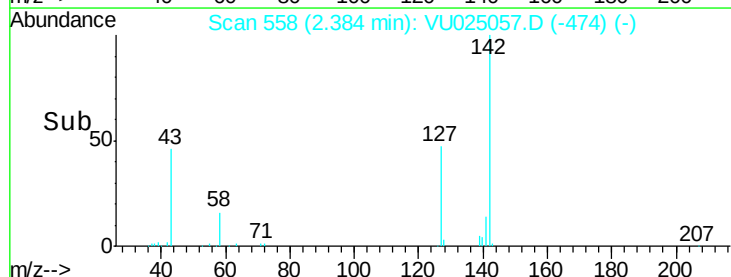
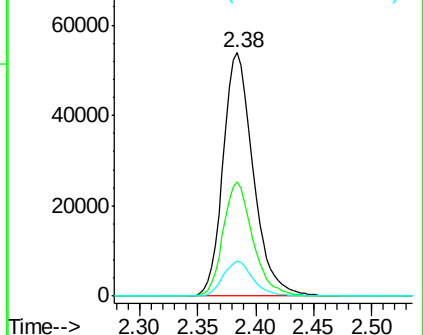
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 97025 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.9  | 35.6  | 53.4  |
| 141      | 14.1  | 11.7  | 17.5  |

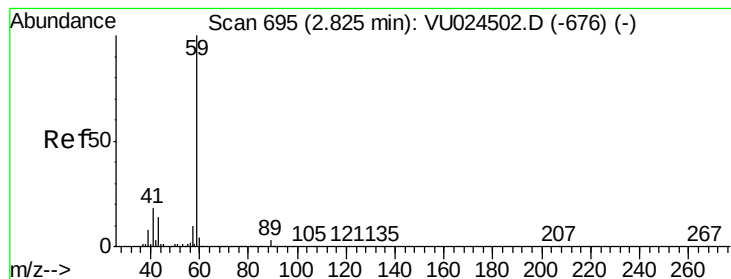


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



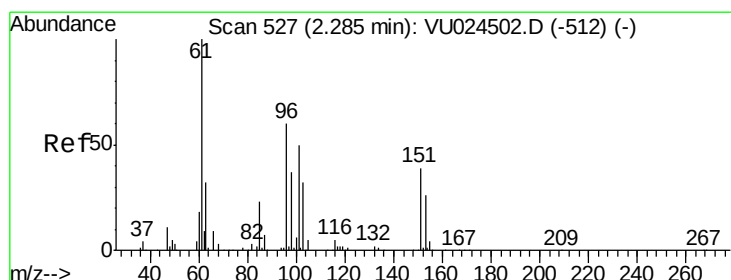
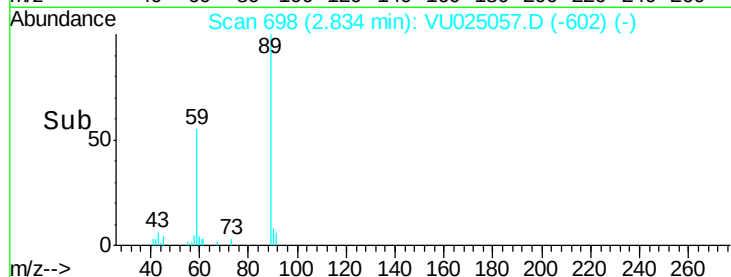
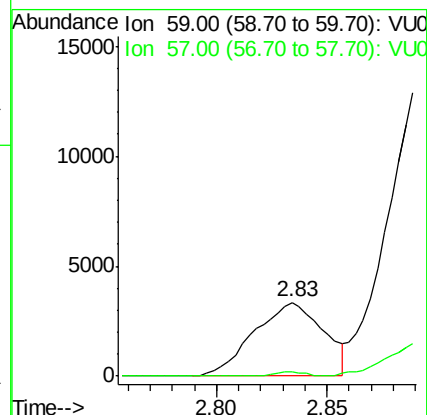
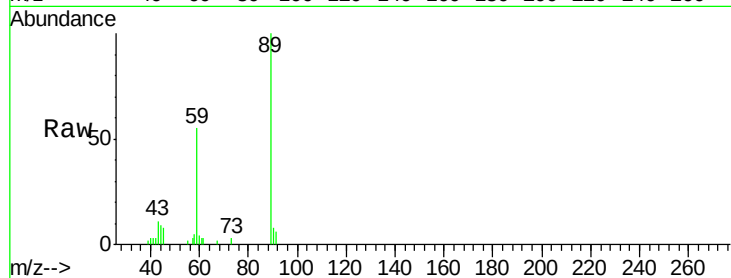


#11

Tert butyl alcohol  
Concen: 9.179 ug/l  
RT: 2.83 min Scan# 698  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

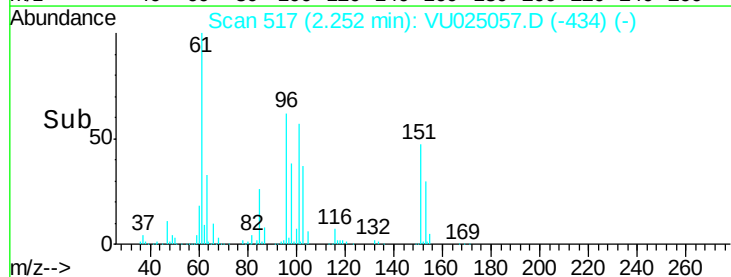
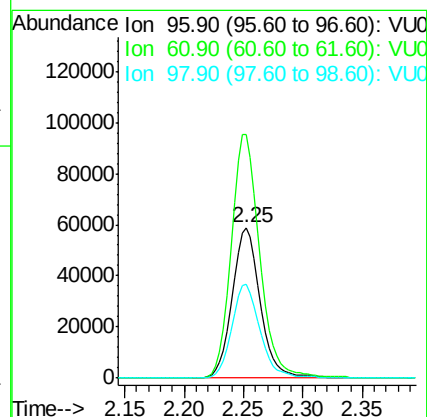
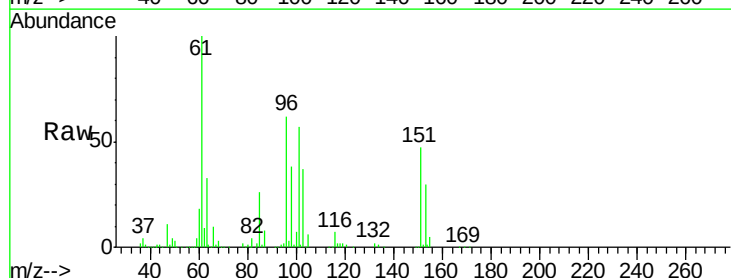
Tgt Ion: 59 Resp: 7327  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.5 12.7#

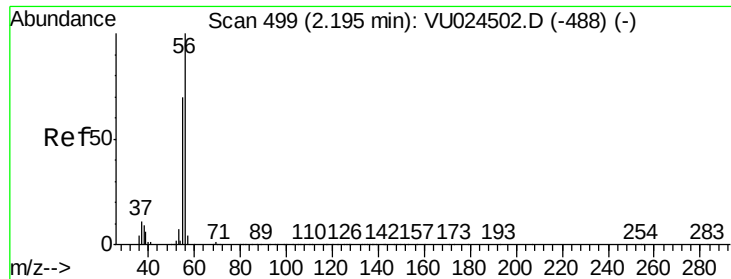


#12

1,1-Dichloroethene  
Concen: 41.891 ug/l  
RT: 2.25 min Scan# 517  
Delta R.T. -0.03 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 96 Resp: 95894  
Ion Ratio Lower Upper  
96 100  
61 161.6 141.7 212.5  
98 62.0 51.6 77.4





#13

Acrolein

Concen: 83.541 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

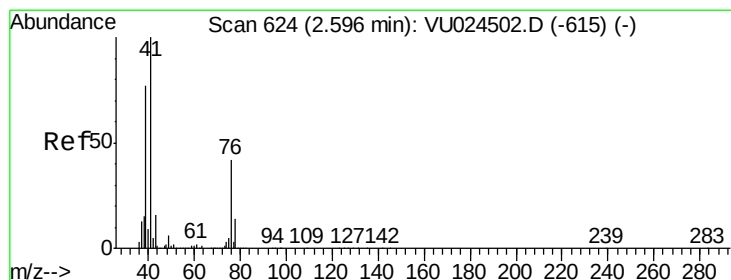
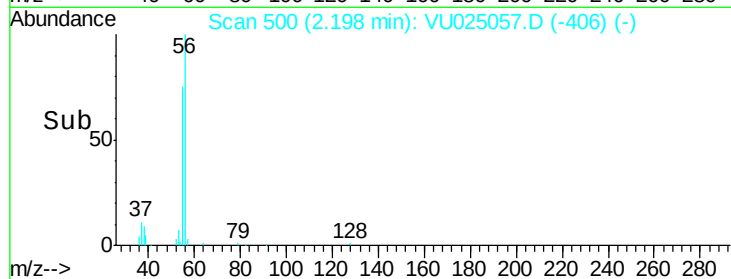
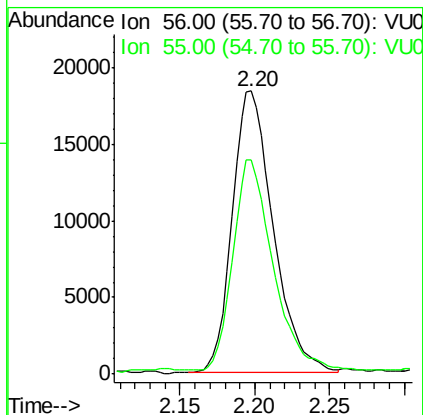
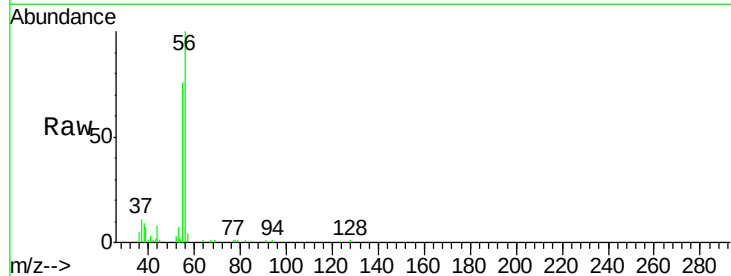
WP021SB489-21-23-180622MS

Tgt Ion: 56 Resp: 35017

Ion Ratio Lower Upper

56 100

55 72.2 58.4 87.6



#14

Allyl chloride

Concen: 42.319 ug/l

RT: 2.57 min Scan# 617

Delta R.T. -0.02 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

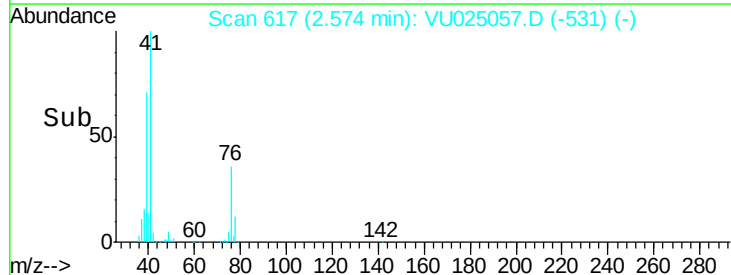
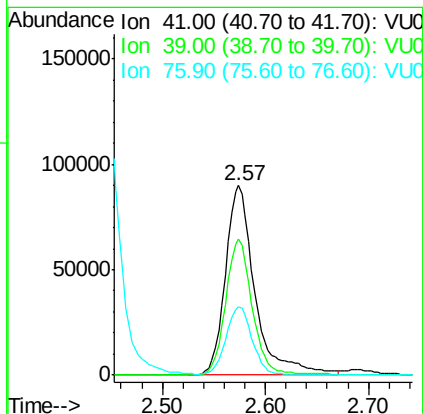
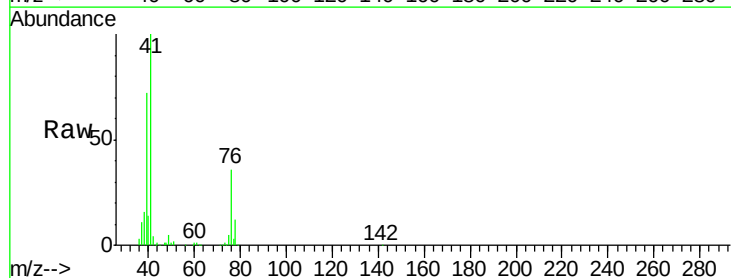
Tgt Ion: 41 Resp: 179868

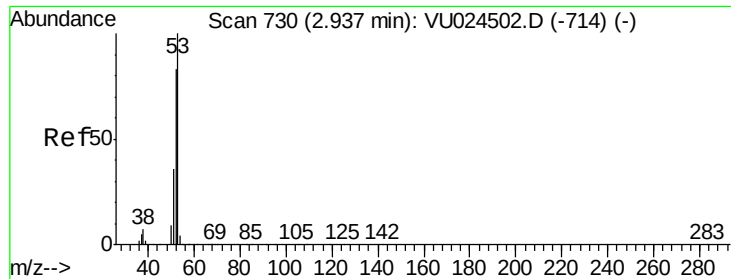
Ion Ratio Lower Upper

41 100

39 64.1 61.6 92.4

76 32.2 29.7 44.5





#15

Acrylonitrile

Concen: 241.009 ug/l

RT: 2.95 min Scan# 734

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

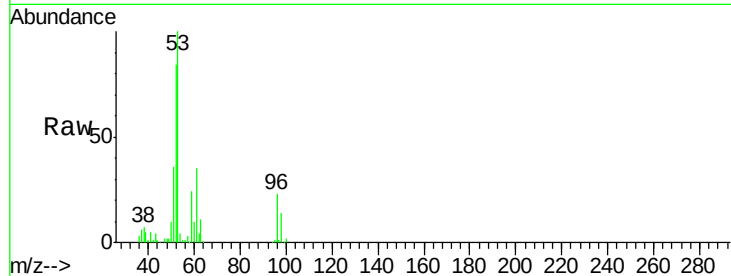
Tgt Ion: 53 Resp: 374287

Ion Ratio Lower Upper

53 100

52 83.1 67.1 100.7

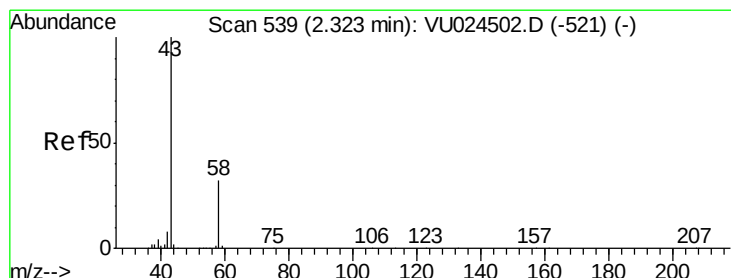
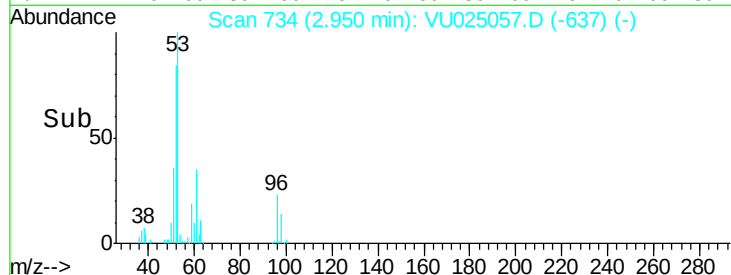
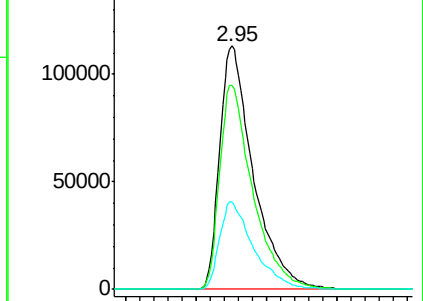
51 36.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 193.052 ug/l

RT: 2.35 min Scan# 546

Delta R.T. 0.02 min

Lab File: VU025057.D

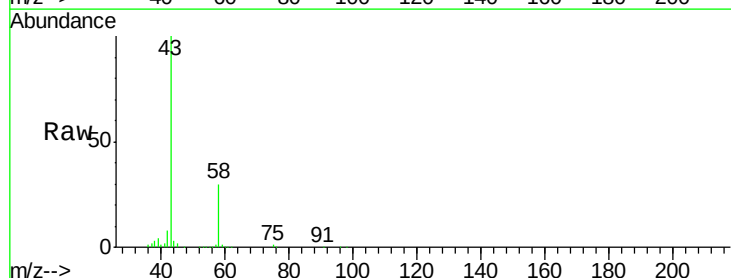
Acq: 29 Jun 2018 06:49

Tgt Ion: 43 Resp: 340428

Ion Ratio Lower Upper

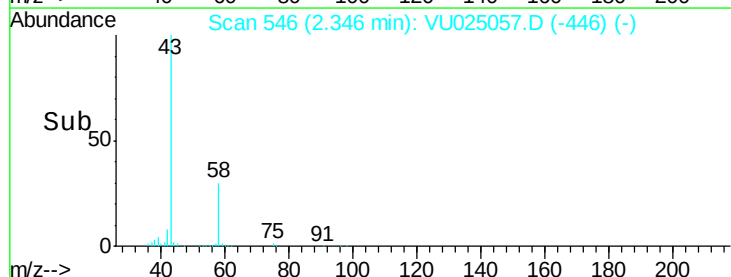
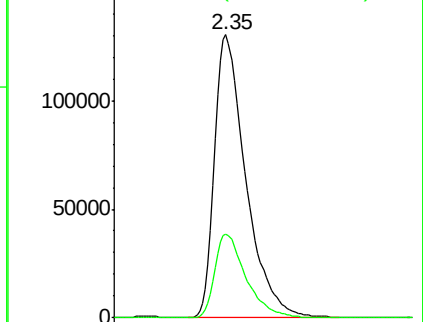
43 100

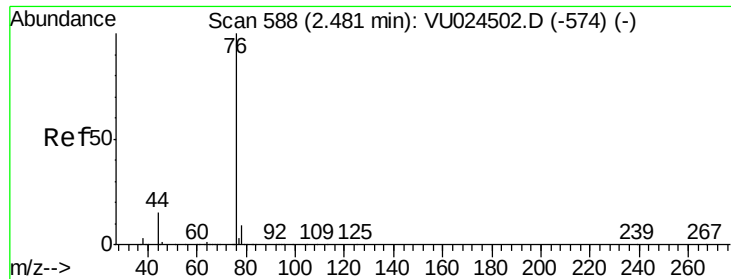
58 29.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 34.137 ug/l

RT: 2.45 min Scan# 577

Delta R.T. -0.04 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

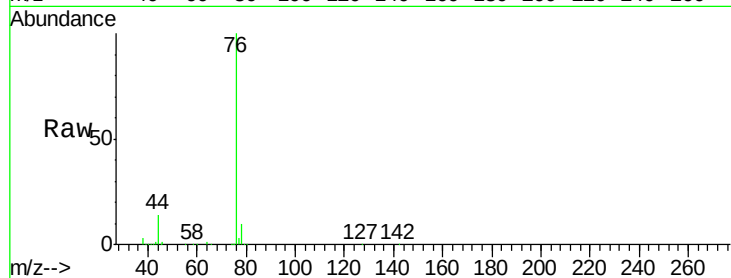
WP021SB489-21-23-180622MS

Tgt Ion: 76 Resp: 250219

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.45

150000

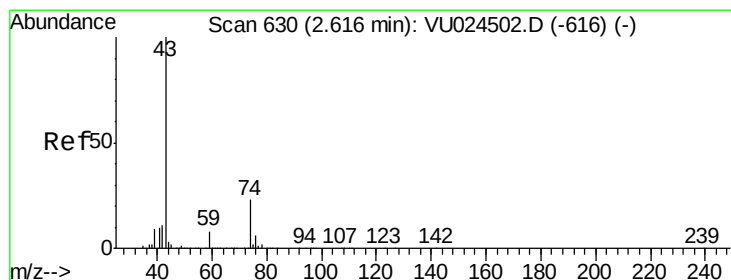
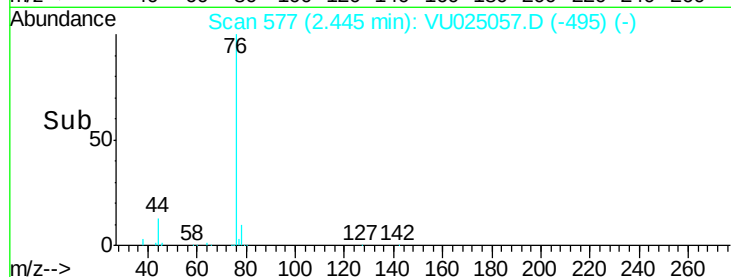
100000

50000

0

2.40 2.50

Time-->



#18

Methyl Acetate

Concen: 60.280 ug/l

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025057.D

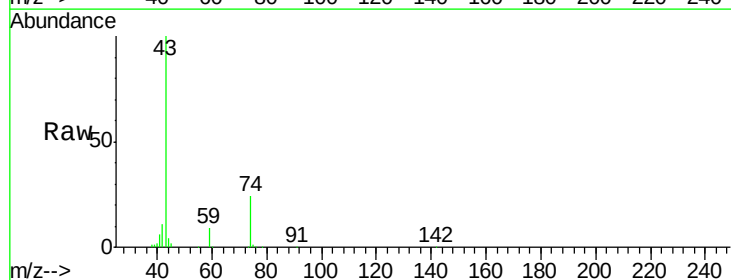
Acq: 29 Jun 2018 06:49

Tgt Ion: 43 Resp: 227880

Ion Ratio Lower Upper

43 100

74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

120000

100000

80000

60000

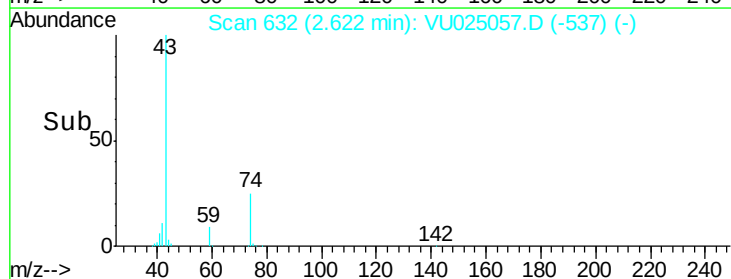
40000

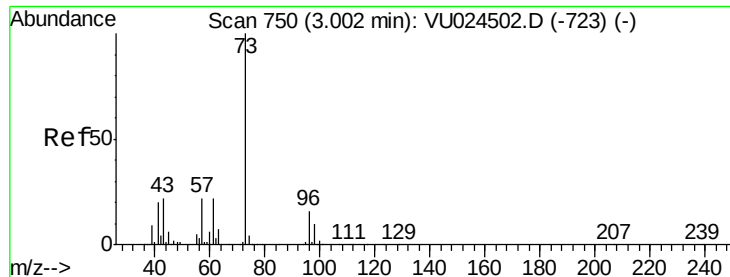
20000

0

2.60 2.70

Time-->

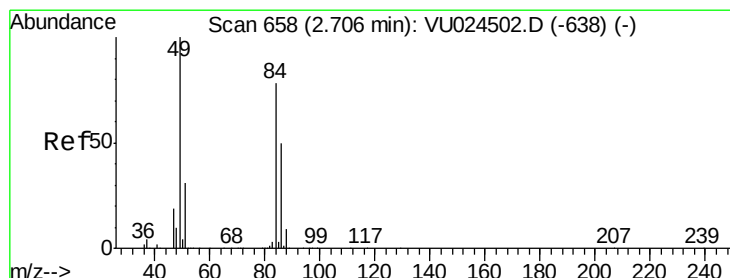
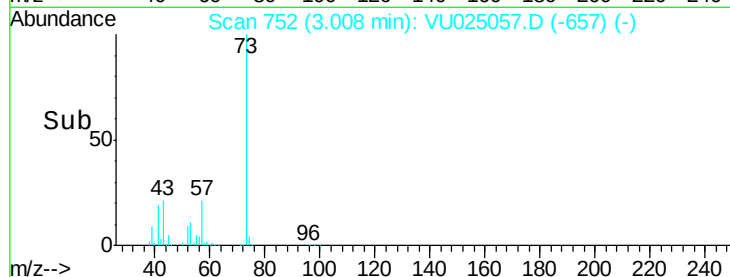
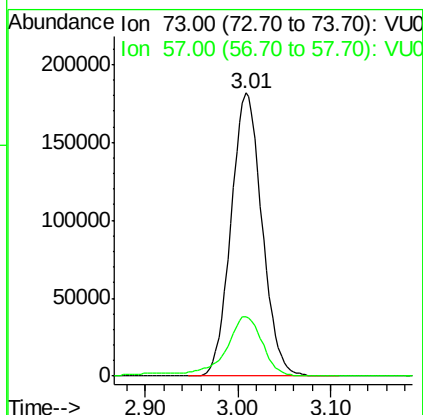
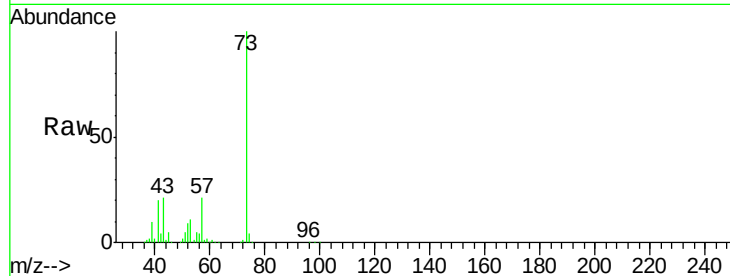




#19  
Methyl tert-butyl Ether  
Concen: 48.873 ug/l  
RT: 3.01 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

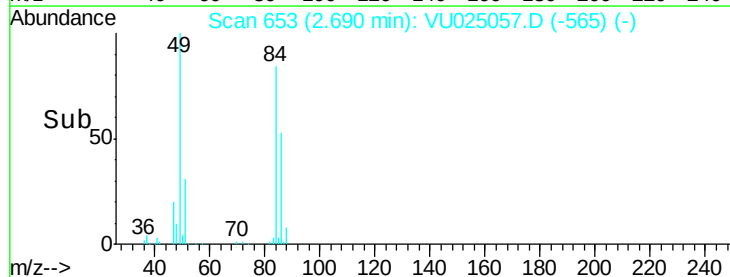
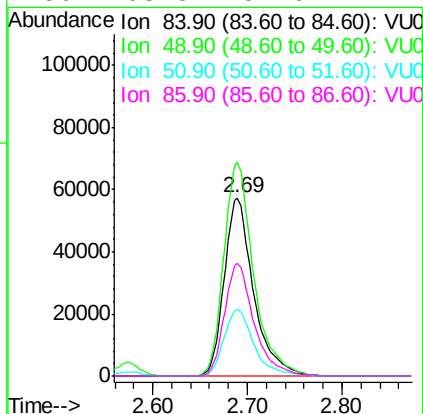
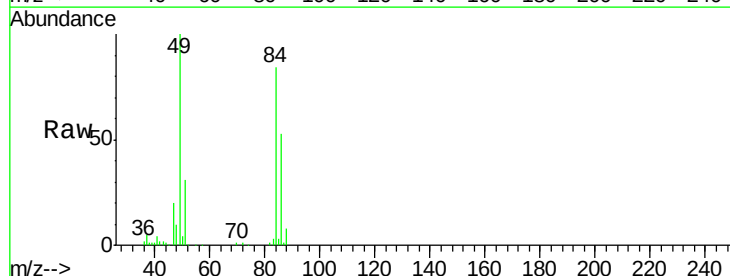
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

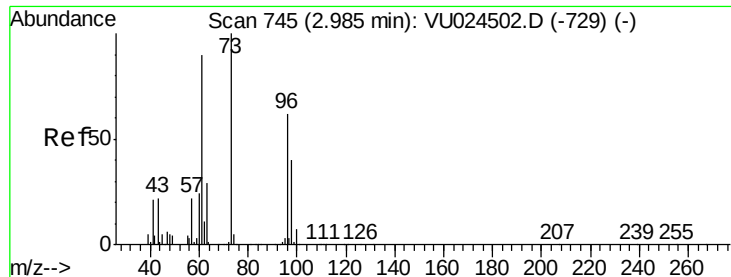
Tgt Ion: 73 Resp: 420535  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.8 28.2



#20  
Methylene Chloride  
Concen: 44.485 ug/l  
RT: 2.69 min Scan# 653  
Delta R.T. -0.02 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 84 Resp: 123085  
Ion Ratio Lower Upper  
84 100  
49 119.7 103.8 155.8  
51 37.2 32.0 48.0  
86 63.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 44.757 ug/l

RT: 2.97 min Scan# 739

Delta R.T. -0.02 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

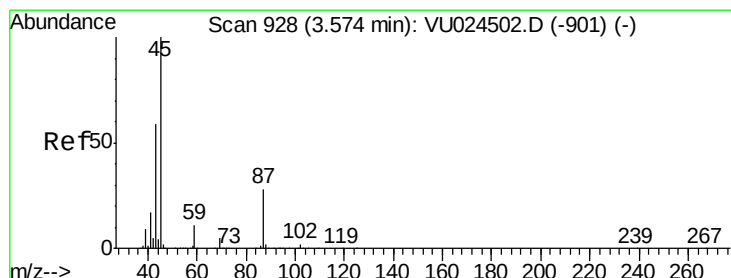
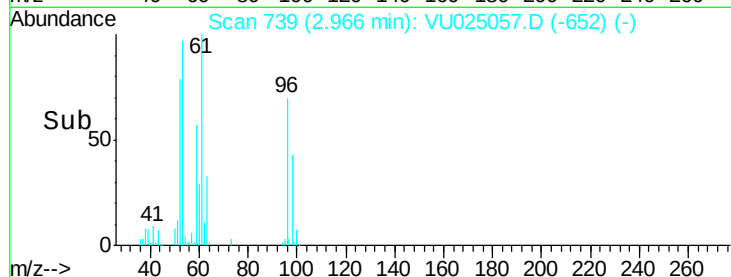
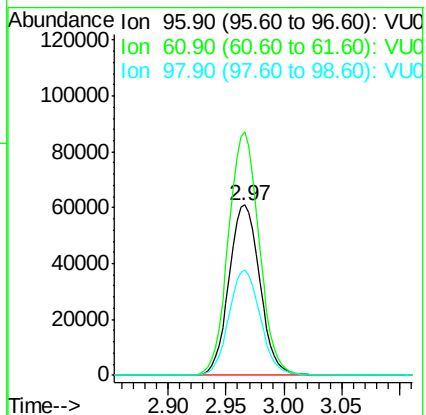
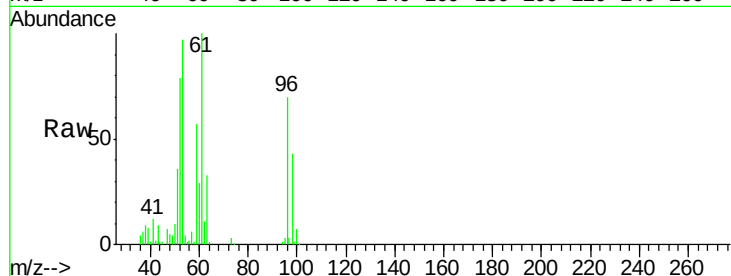
Tgt Ion: 96 Resp: 112842

Ion Ratio Lower Upper

96 100

61 142.8 119.4 179.0

98 61.6 51.1 76.7



#22

Diisopropyl ether

Concen: 47.179 ug/l

RT: 3.58 min Scan# 930

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Tgt Ion: 45 Resp: 397507

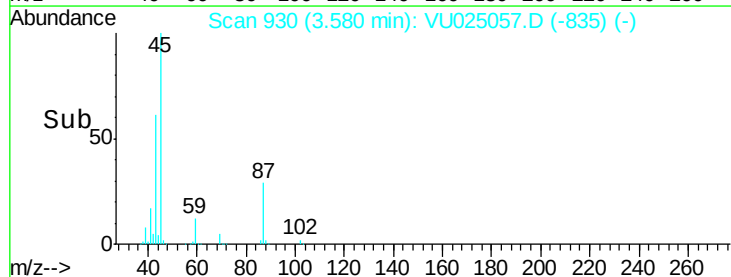
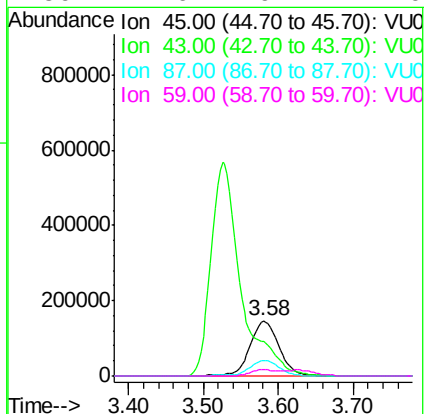
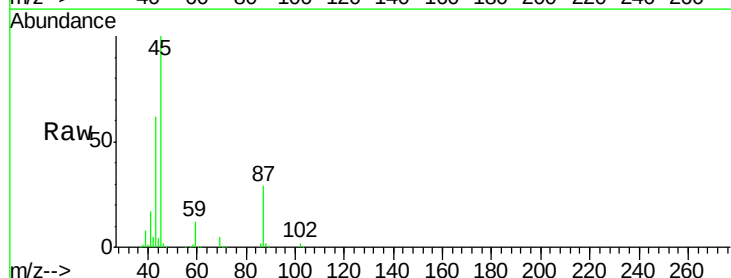
Ion Ratio Lower Upper

45 100

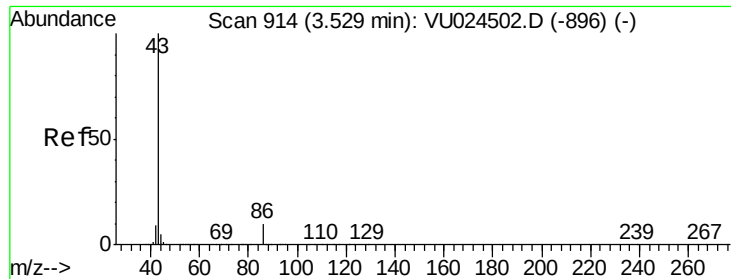
43 60.9 45.8 68.6

87 28.8 20.6 31.0

59 11.6 9.4 14.0



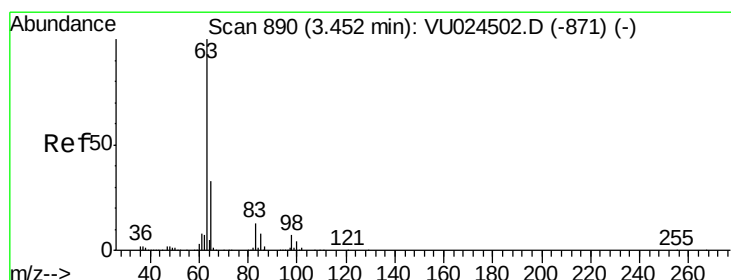
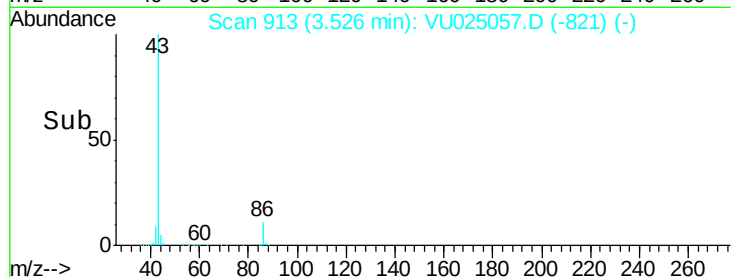
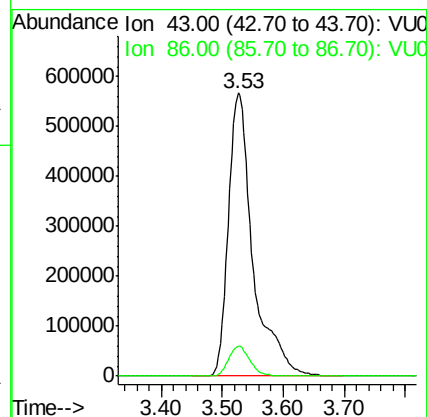
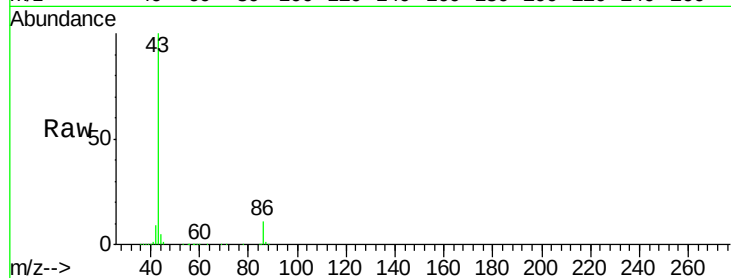




#23  
 Vinyl Acetate  
 Concen: 209.620 ug/l  
 RT: 3.53 min Scan# 913  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

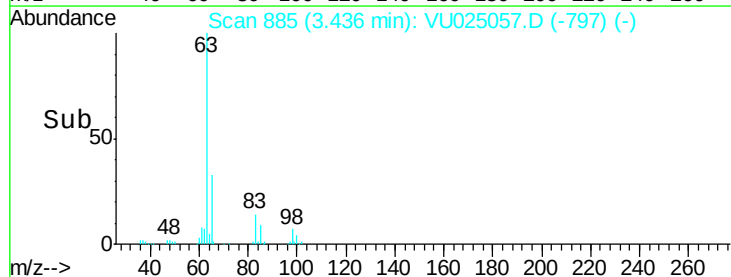
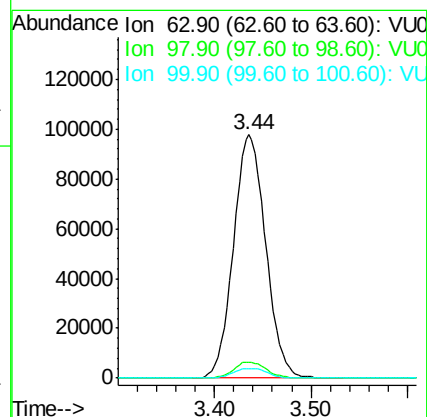
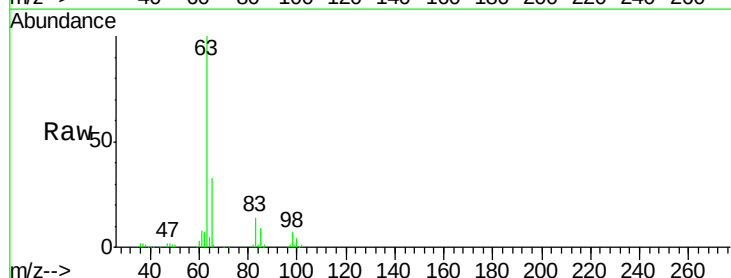
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

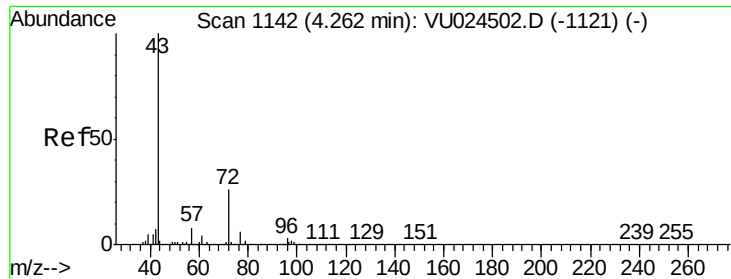
Tgt Ion: 43 Resp: 1582108  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 46.598 ug/l  
 RT: 3.44 min Scan# 885  
 Delta R.T. -0.02 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 63 Resp: 225858  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.4  
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 211.969 ug/l

RT: 4.28 min Scan# 1148

Delta R.T. 0.02 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

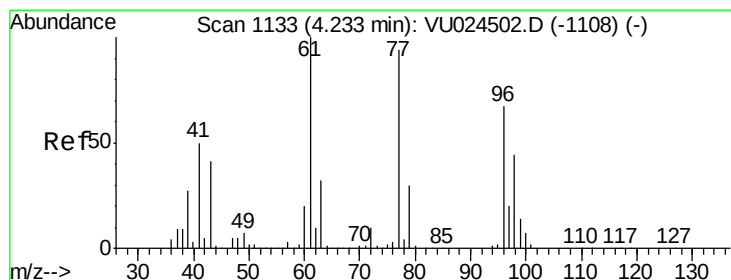
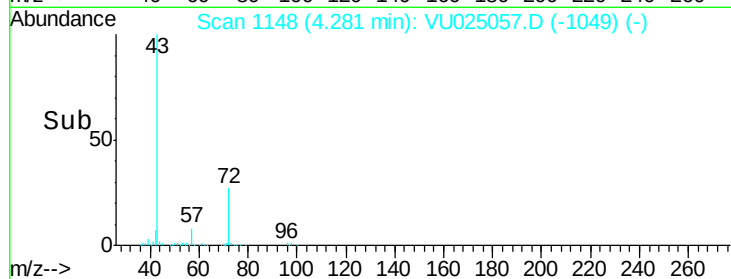
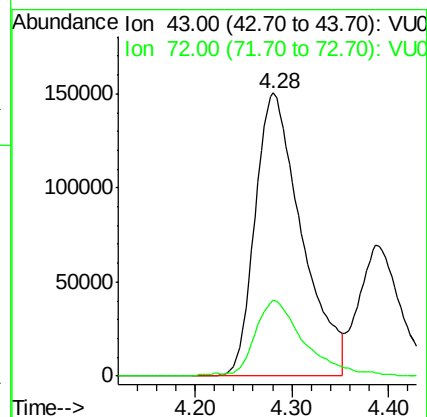
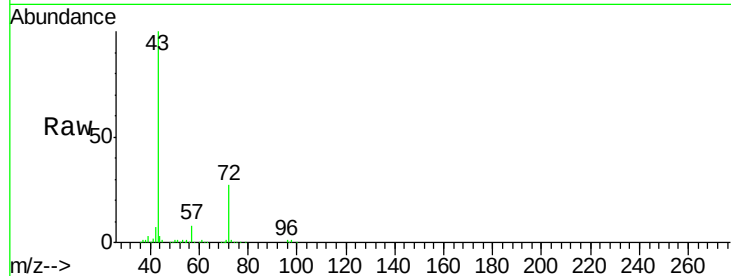
WP021SB489-21-23-180622MS

Tgt Ion: 43 Resp: 502079

Ion Ratio Lower Upper

43 100

72 26.4 19.6 29.4



#26

2,2-Dichloropropane

Concen: 28.522 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025057.D

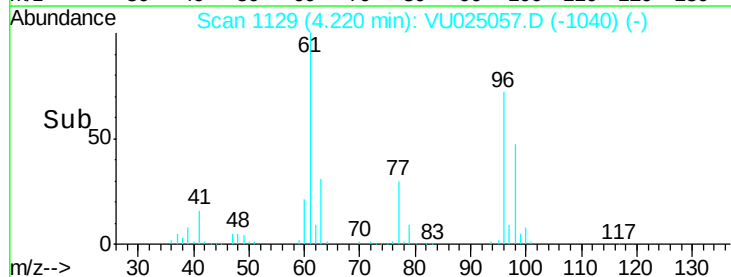
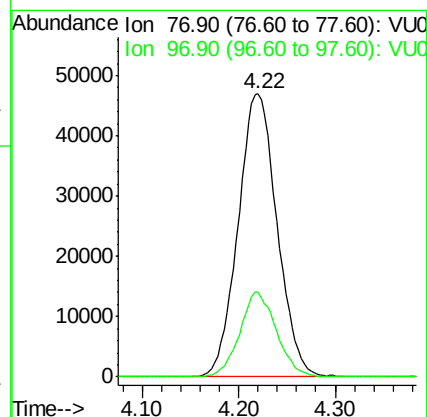
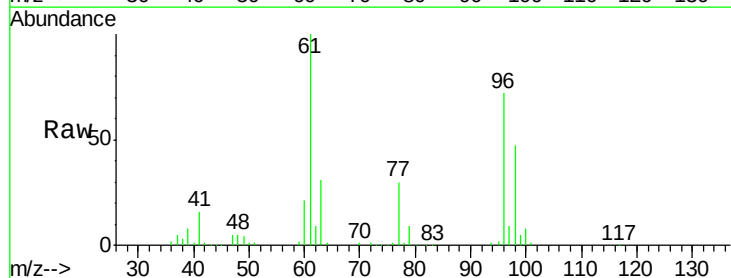
Acq: 29 Jun 2018 06:49

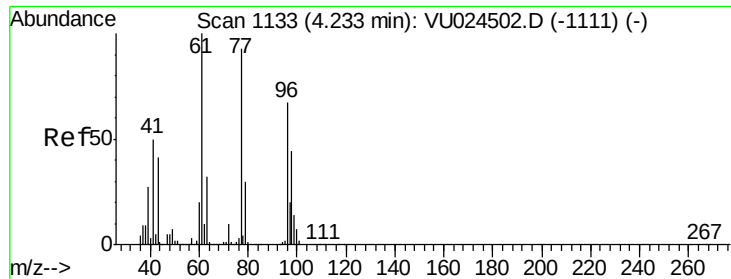
Tgt Ion: 77 Resp: 131271

Ion Ratio Lower Upper

77 100

97 28.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 102.076 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

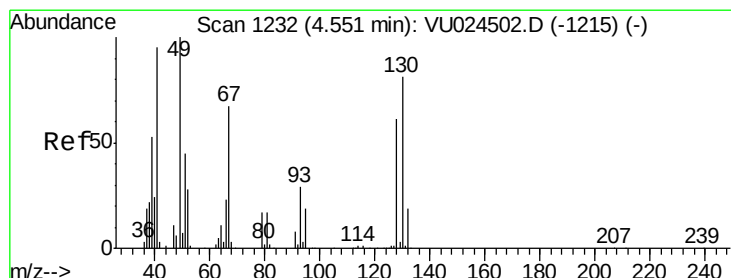
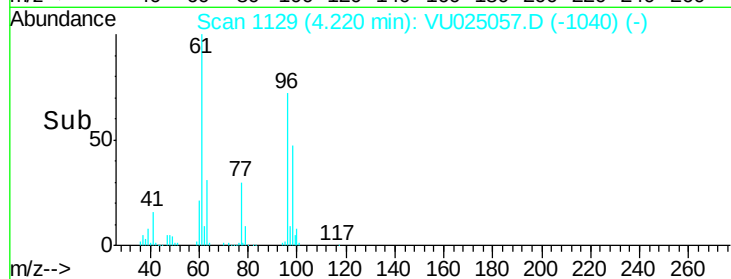
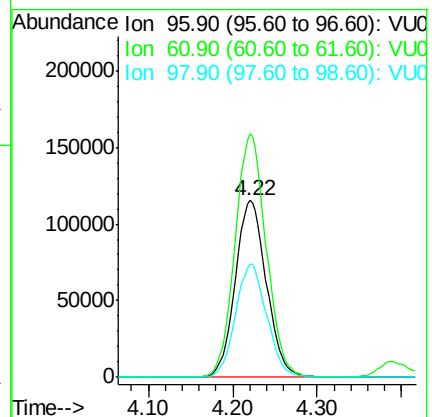
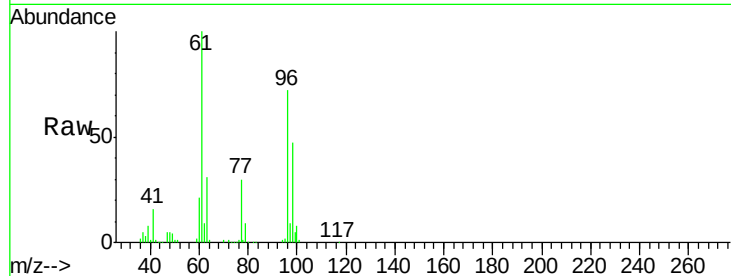
Tgt Ion: 96 Resp: 295870

Ion Ratio Lower Upper

96 100

61 138.1 0.0 306.6

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 41.695 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

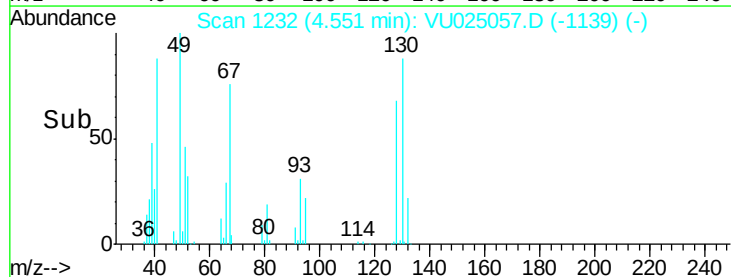
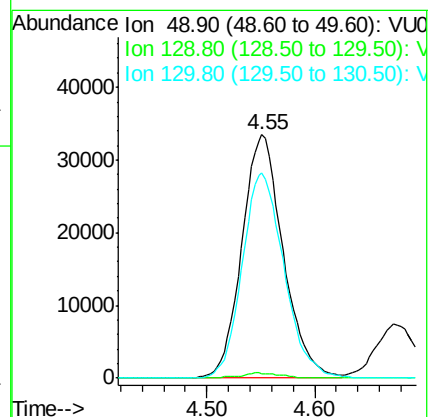
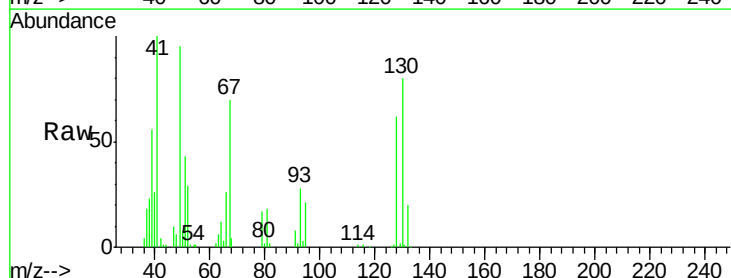
Tgt Ion: 49 Resp: 89015

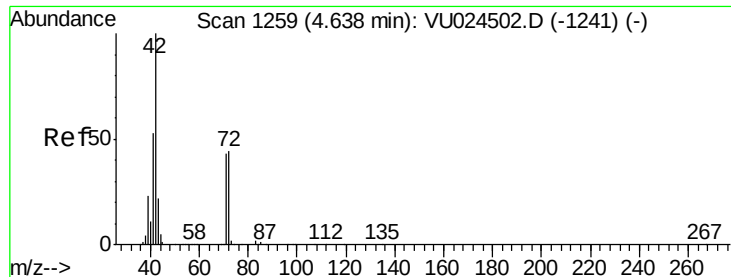
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 85.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 228.160 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

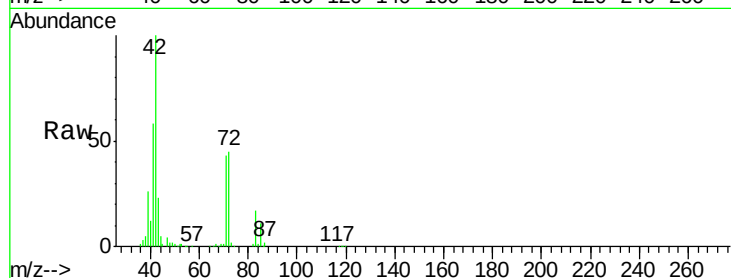
Tgt Ion: 42 Resp: 334670

Ion Ratio Lower Upper

42 100

72 45.8 34.5 51.7

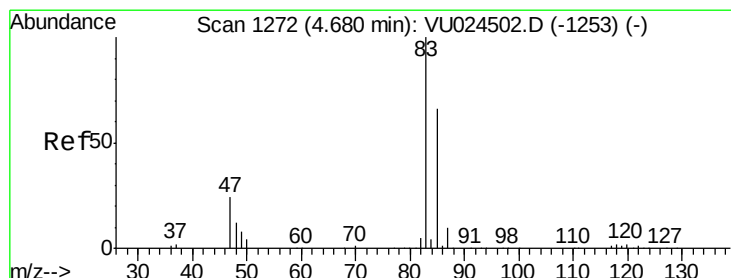
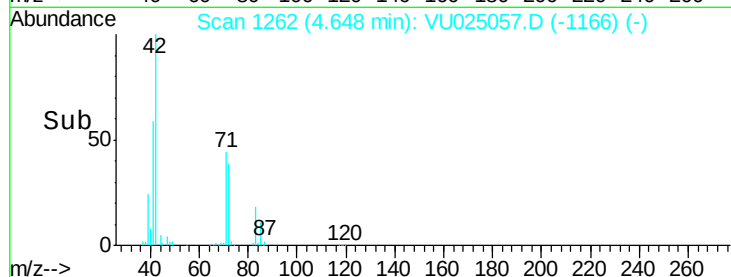
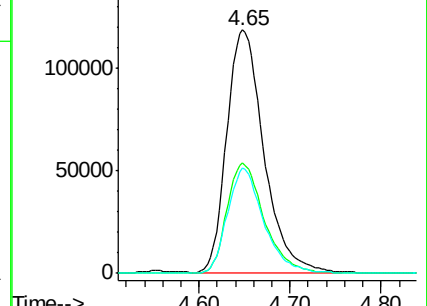
71 42.7 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 48.383 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025057.D

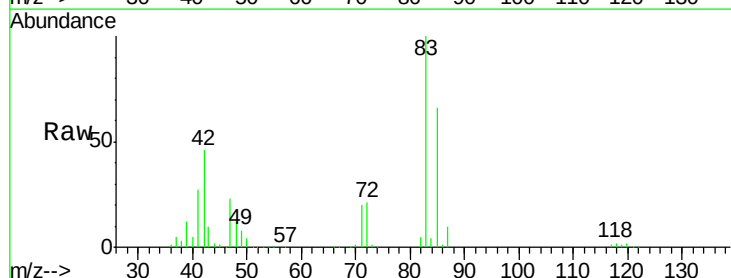
Acq: 29 Jun 2018 06:49

Tgt Ion: 83 Resp: 237362

Ion Ratio Lower Upper

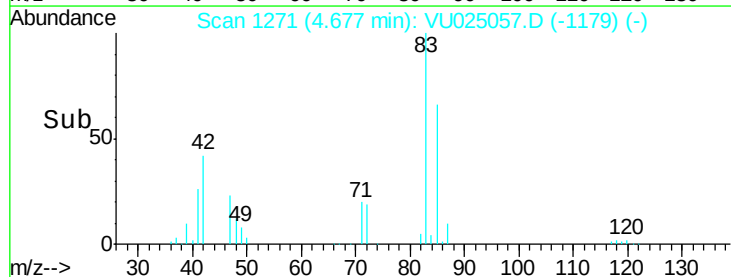
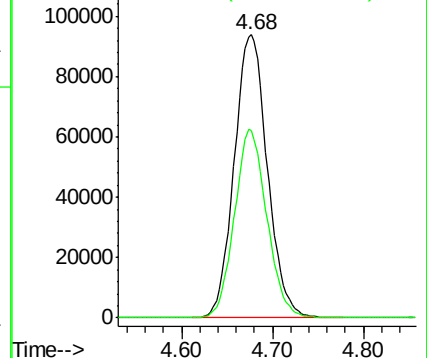
83 100

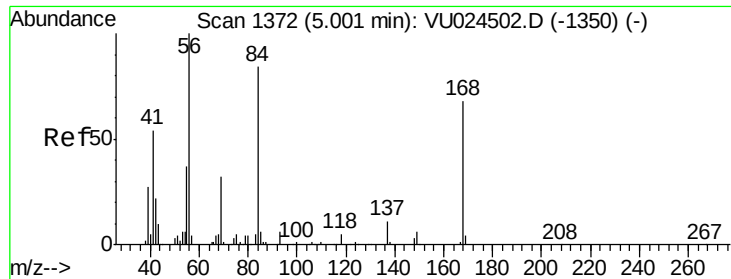
85 66.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

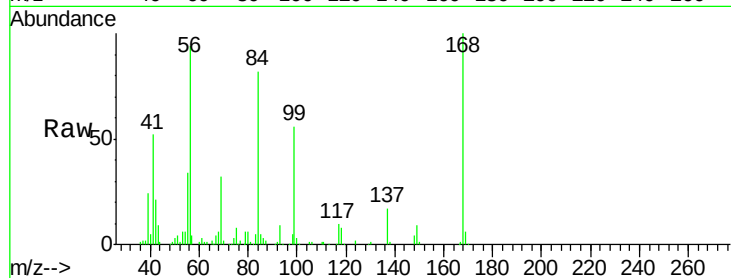




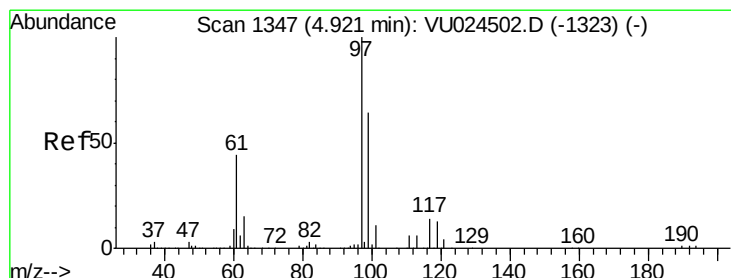
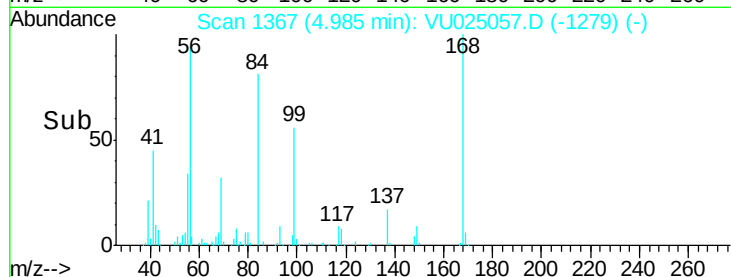
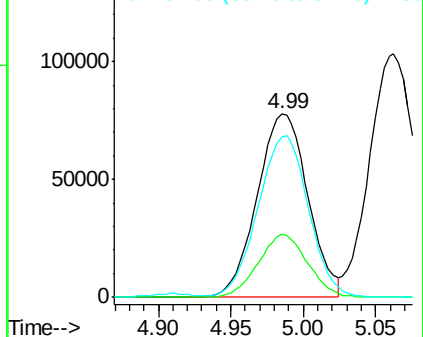
#31  
Cyclohexane  
Concen: 43.854 ug/l  
RT: 4.99 min Scan# 1367  
Delta R.T. -0.02 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

Tgt Ion: 56 Resp: 189801  
Ion Ratio Lower Upper  
56 100  
69 34.1 24.8 37.2  
84 86.2 65.2 97.8

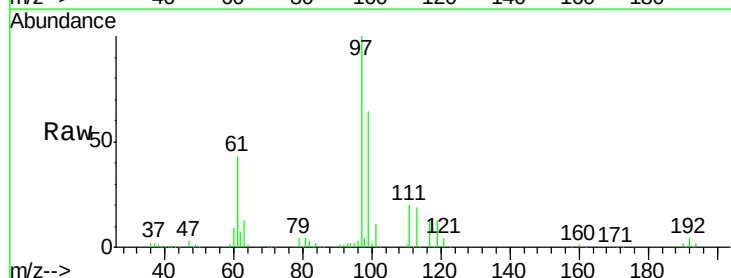


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

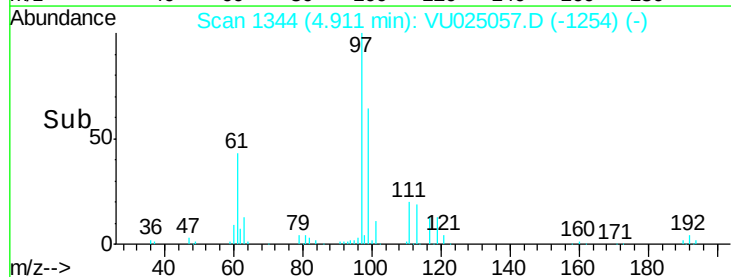
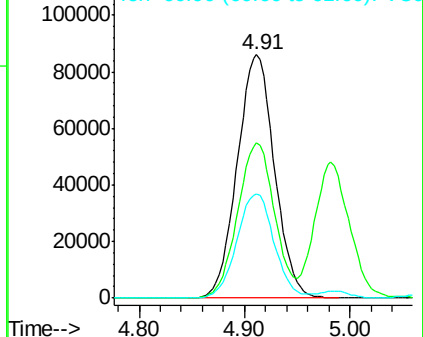


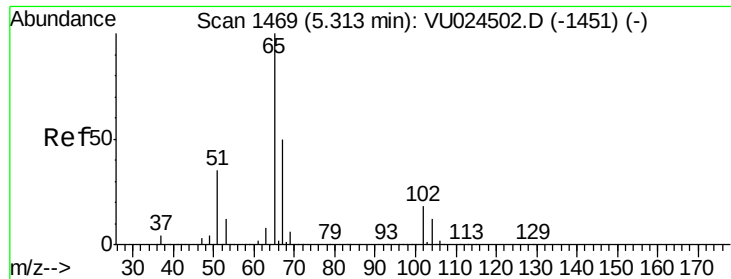
#32  
1,1,1-Trichloroethane  
Concen: 46.510 ug/l  
RT: 4.91 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 97 Resp: 210999  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.0 76.6  
61 43.1 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0  
Ion 98.90 (98.60 to 99.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0

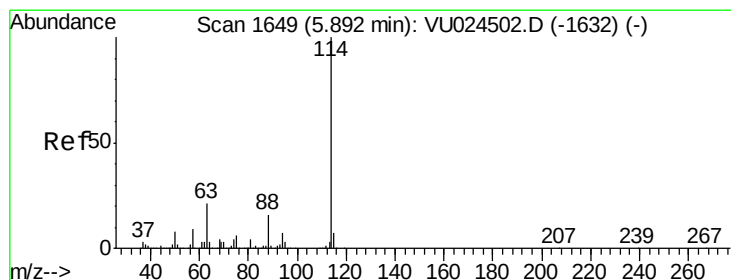
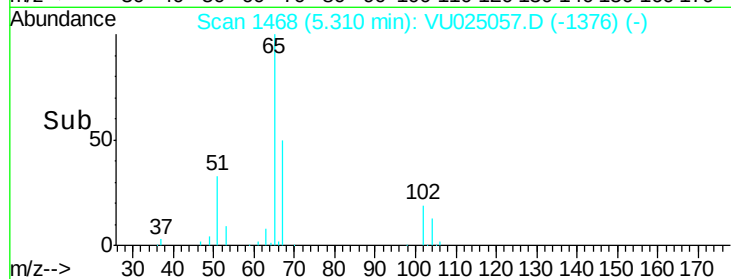
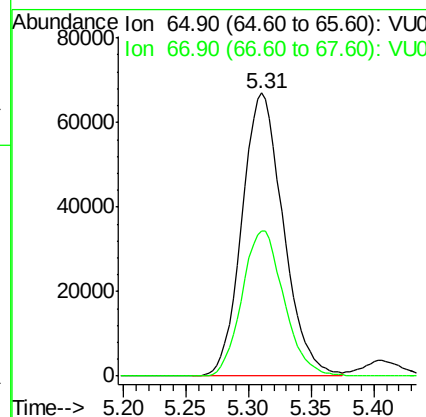
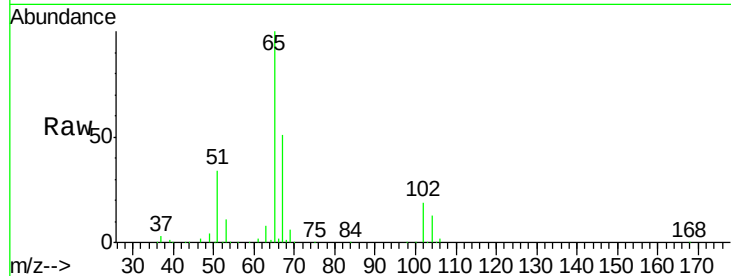




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.834 ug/l  
 RT: 5.31 min Scan# 1468  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

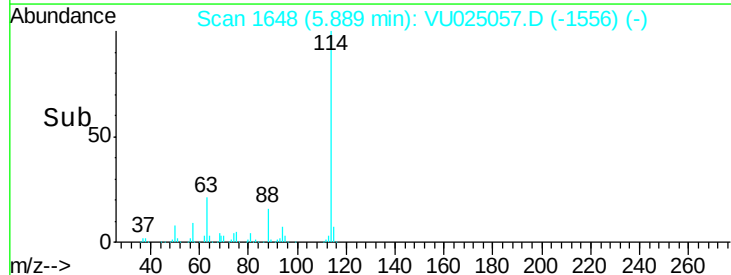
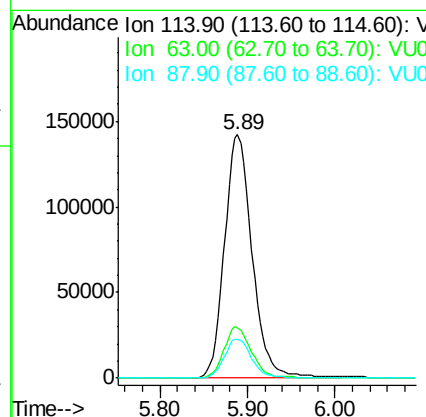
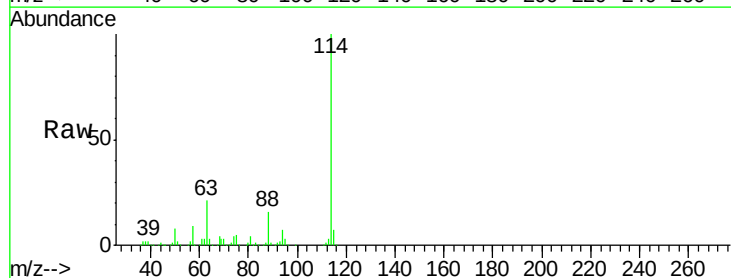
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

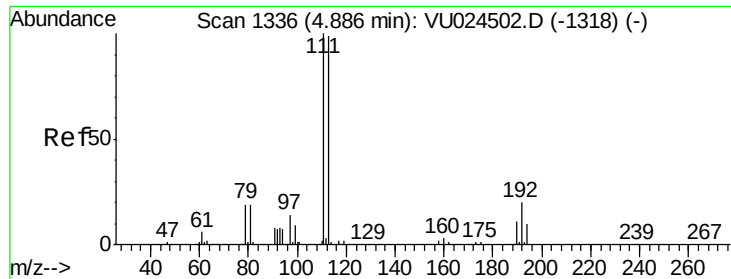
Tgt Ion: 65 Resp: 153707  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 107.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 114 Resp: 312671  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 45.4  
 88 15.9 0.0 31.0

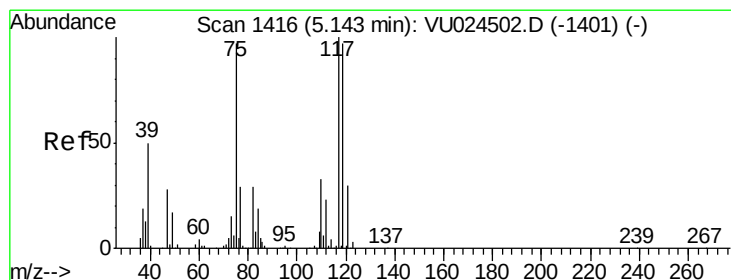
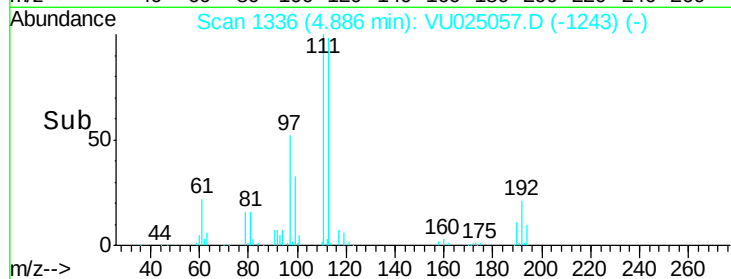
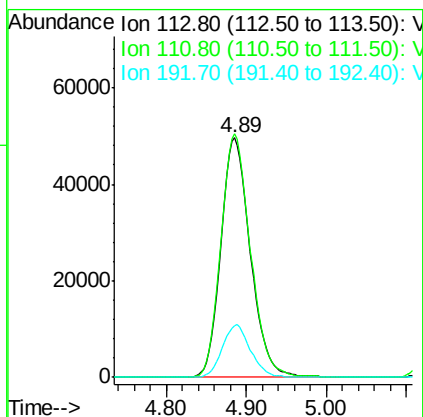
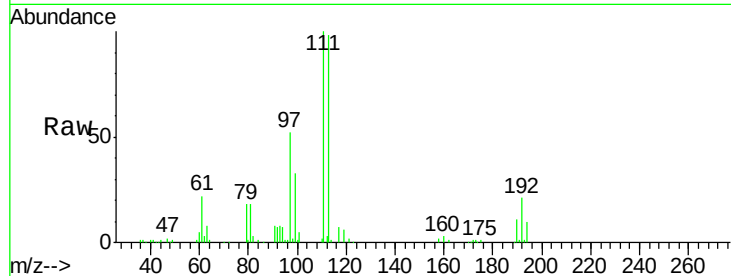




#35  
 Dibromofluoromethane  
 Concen: 48.308 ug/l  
 RT: 4.89 min Scan# 1336  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

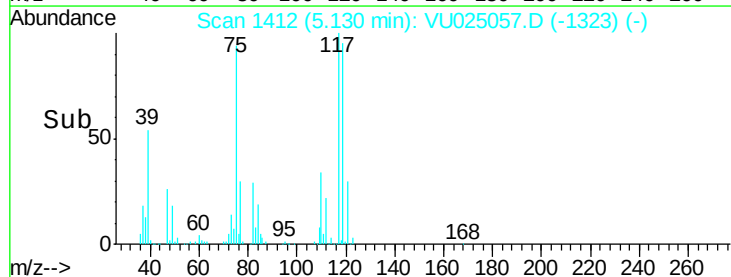
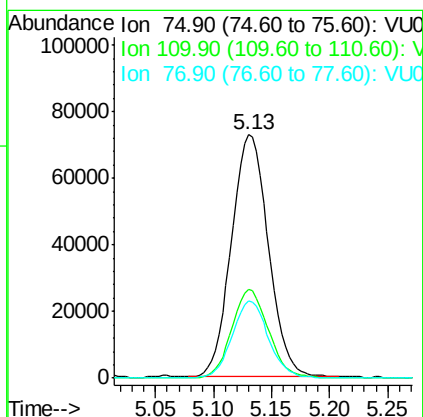
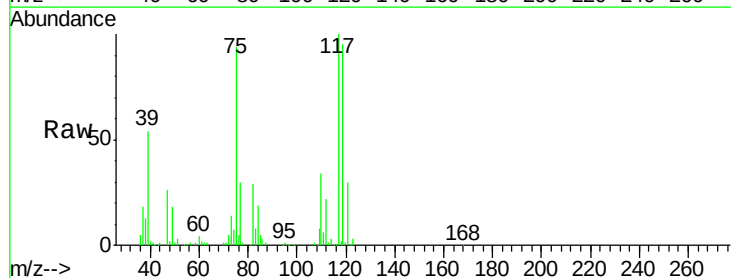
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

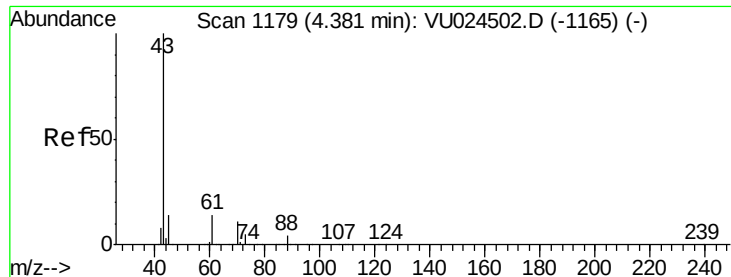
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 82.2  | 123.4 |
| 192     | 20.9  | 16.2  | 24.4  |



#36  
 1,1-Dichloropropene  
 Concen: 43.879 ug/l  
 RT: 5.13 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 17.0  | 50.9  |
| 77      | 30.6  | 24.2  | 36.4  |

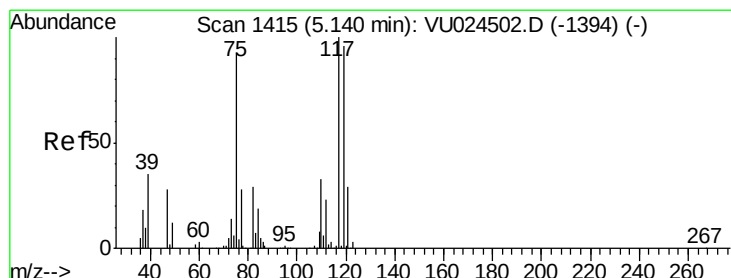
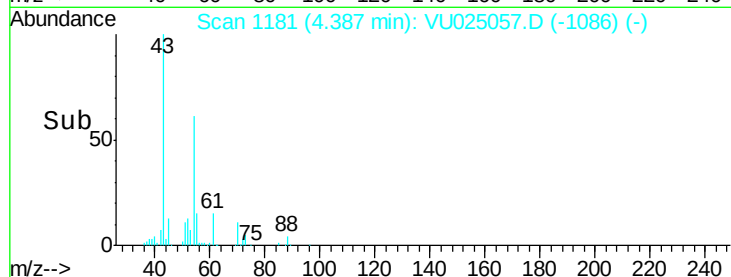
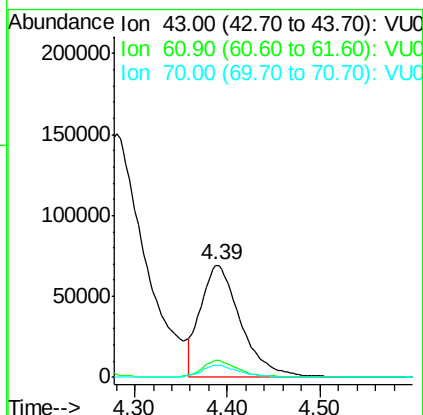
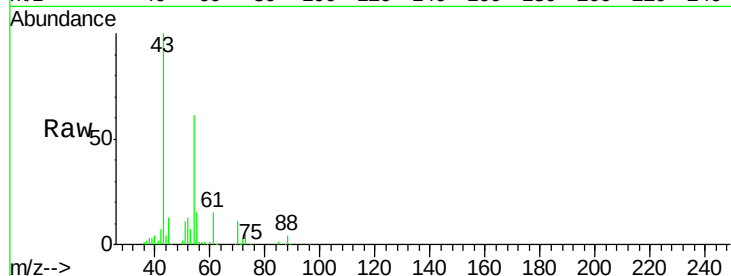




#37  
 Ethyl Acetate  
 Concen: 51.381 ug/l  
 RT: 4.39 min Scan# 1181  
 Delta R.T. 0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

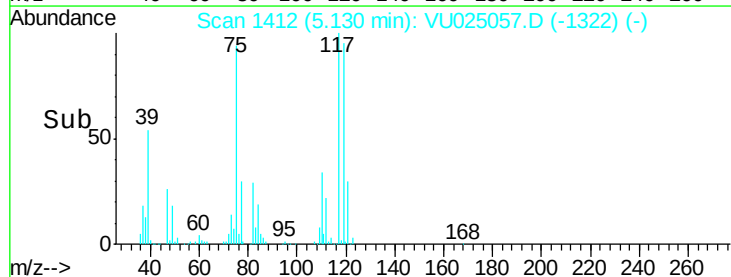
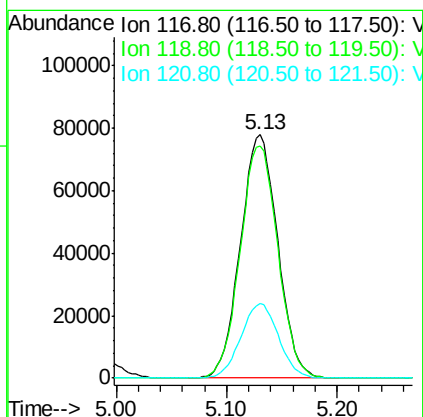
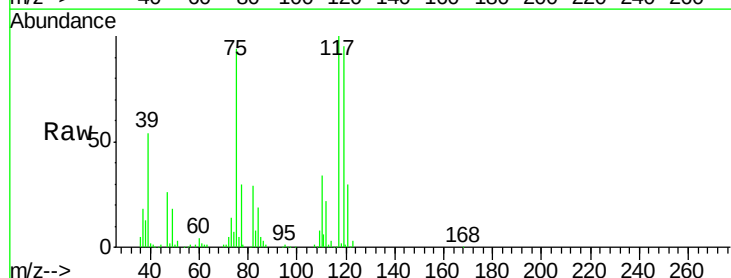
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

Tgt Ion: 43 Resp: 205759  
 Ion Ratio Lower Upper  
 43 100  
 61 13.4 10.5 15.7  
 70 10.3 7.4 11.2

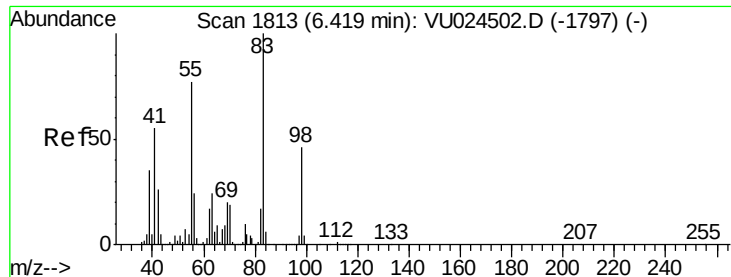


#38  
 Carbon Tetrachloride  
 Concen: 45.209 ug/l  
 RT: 5.13 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 117 Resp: 182659  
 Ion Ratio Lower Upper  
 117 100  
 119 95.5 76.1 114.1  
 121 30.5 23.7 35.5



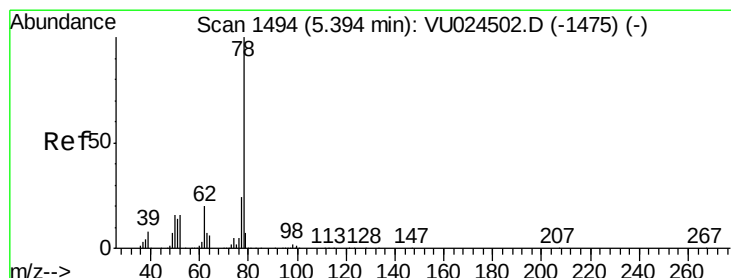
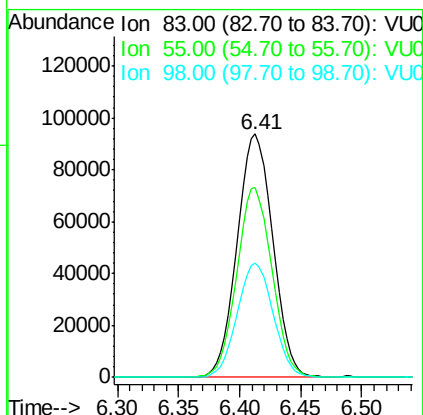
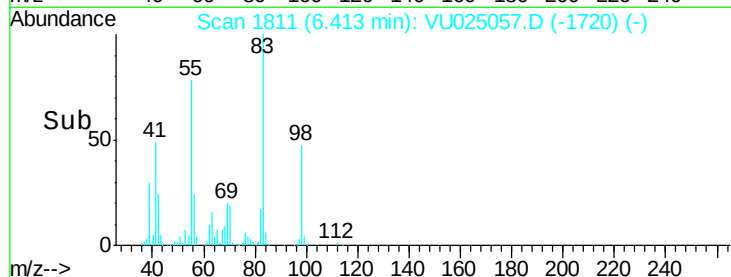
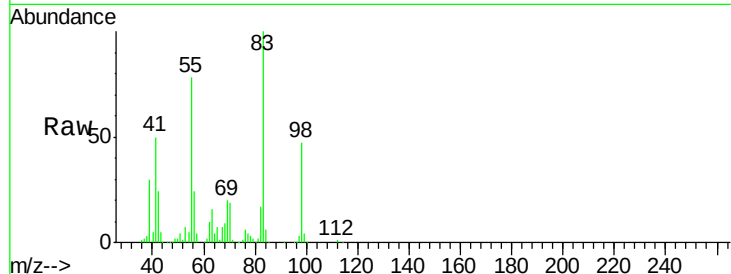




#39  
Methylcyclohexane  
Concen: 41.569 ug/l  
RT: 6.41 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

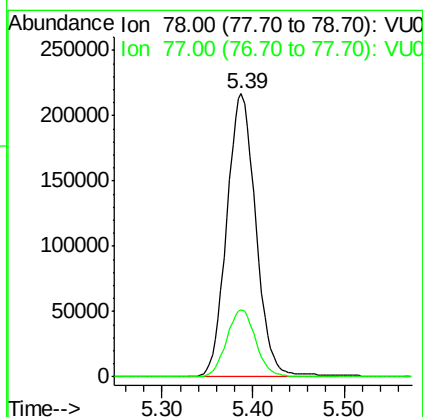
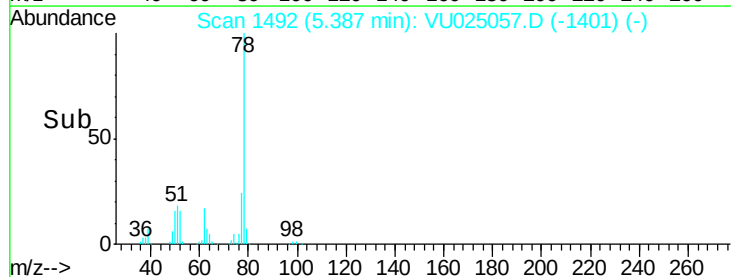
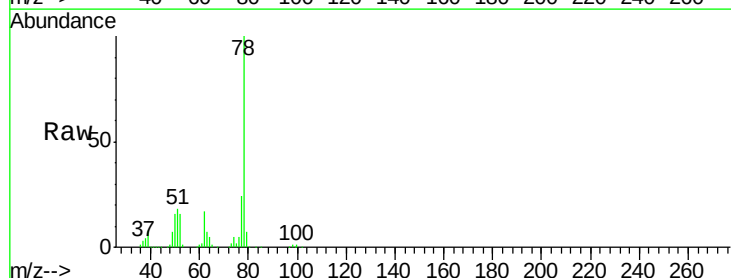
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

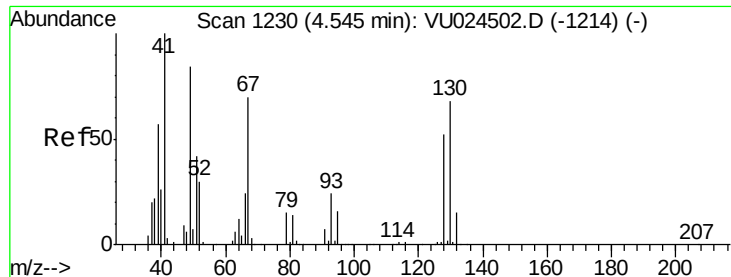
Tgt Ion: 83 Resp: 190597  
Ion Ratio Lower Upper  
83 100  
55 77.9 65.8 98.6  
98 46.8 36.7 55.1



#40  
Benzene  
Concen: 46.107 ug/l  
RT: 5.39 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 78 Resp: 482703  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.2 28.8

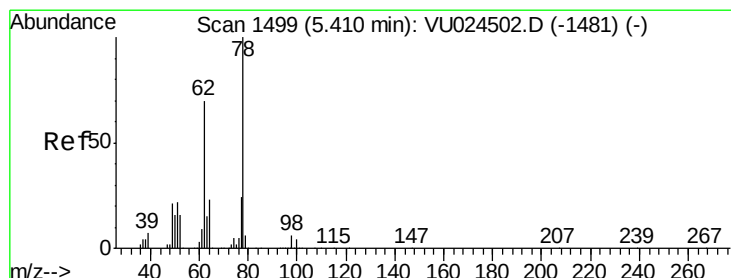
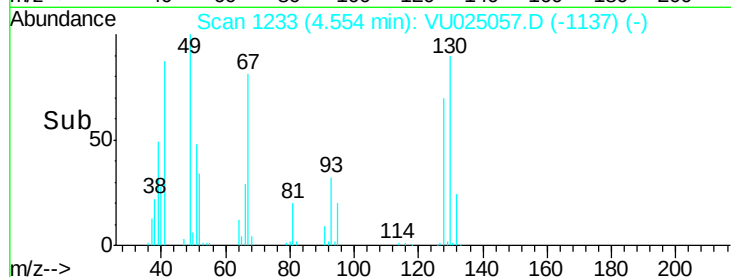
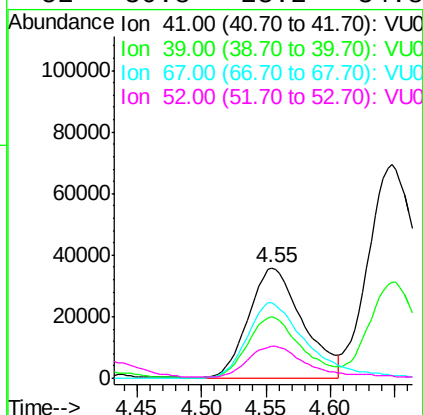
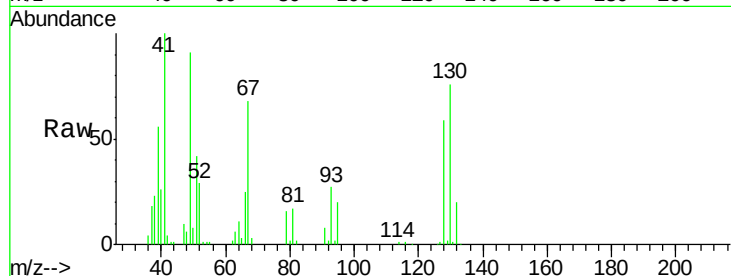




#41  
Methacrylonitrile  
Concen: 48.319 ug/l  
RT: 4.55 min Scan# 1233  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

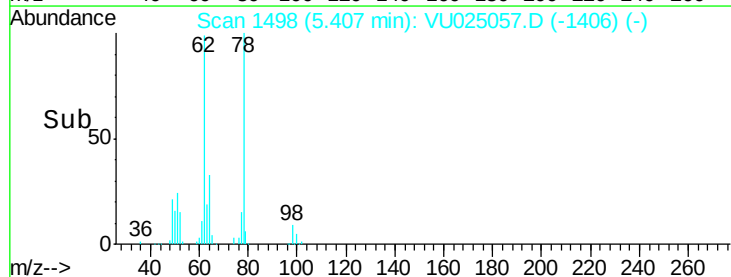
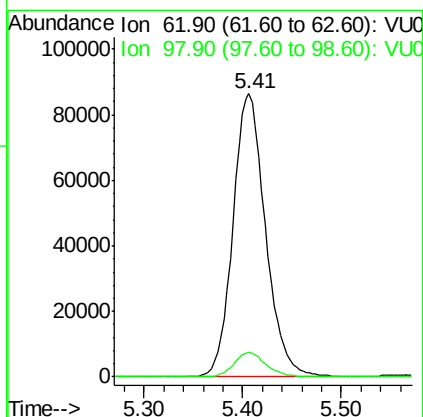
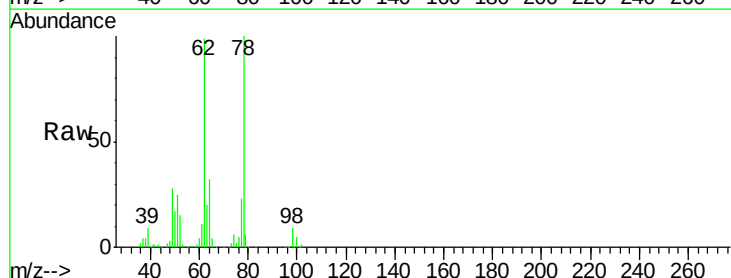
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

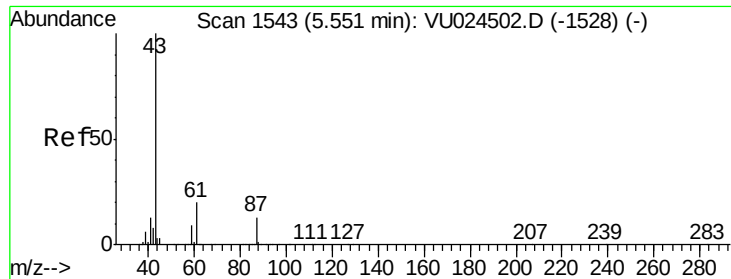
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 104326 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.5  | 43.8  | 65.6   |
| 67       | 76.2  | 56.3  | 84.5   |
| 52       | 30.8  | 23.2  | 34.8   |



#42  
1,2-Dichloroethane  
Concen: 49.716 ug/l  
RT: 5.41 min Scan# 1498  
Delta R.T. -0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 198234 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 16.6   |

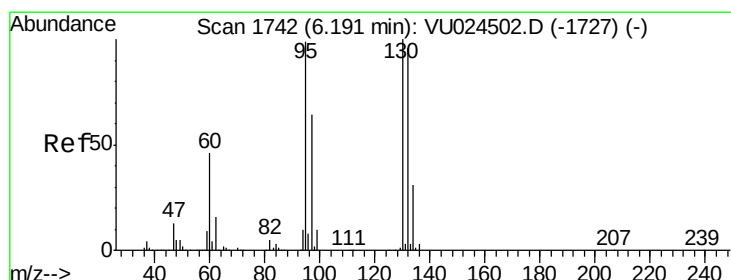
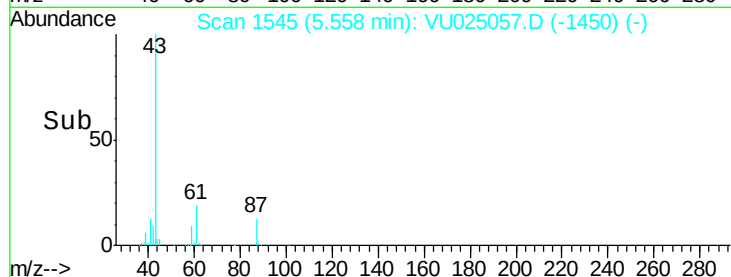
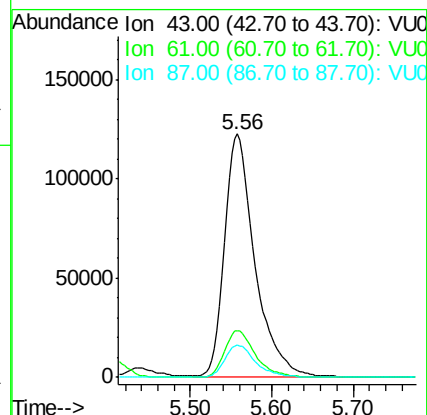
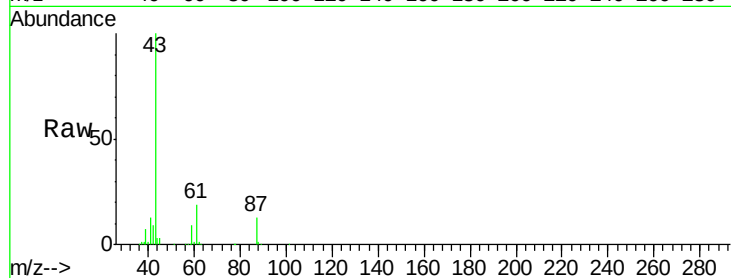




#43  
Isopropyl Acetate  
Concen: 46.288 ug/l  
RT: 5.56 min Scan# 1545  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

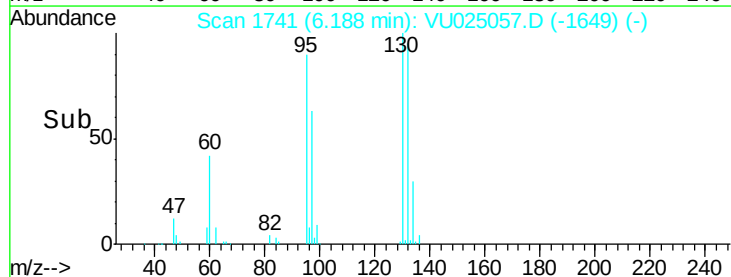
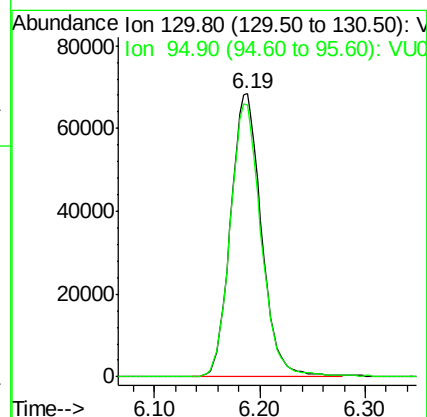
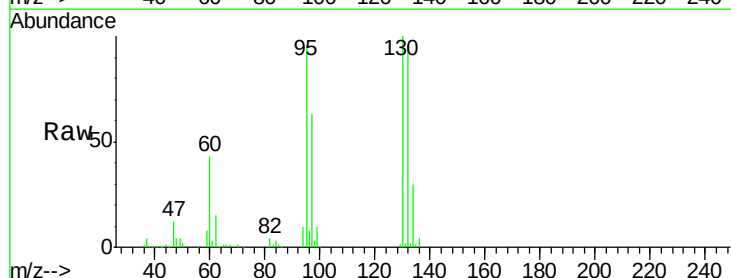
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

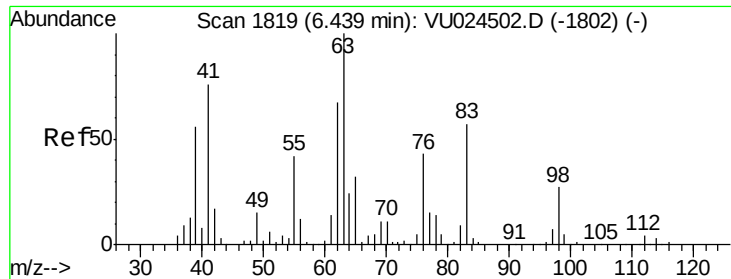
Tgt Ion: 43 Resp: 320406  
Ion Ratio Lower Upper  
43 100  
61 19.7 15.4 23.0  
87 13.6 10.0 15.0



#44  
Trichloroethene  
Concen: 46.267 ug/l  
RT: 6.19 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 130 Resp: 137853  
Ion Ratio Lower Upper  
130 100  
95 96.1 0.0 202.4

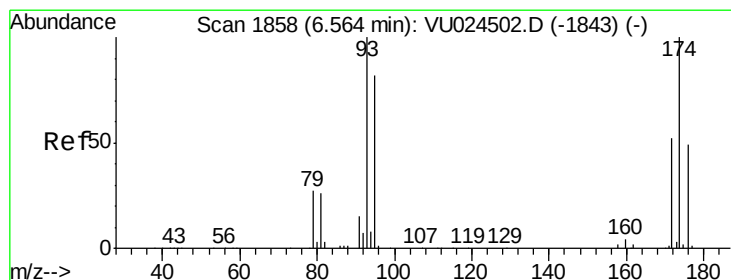
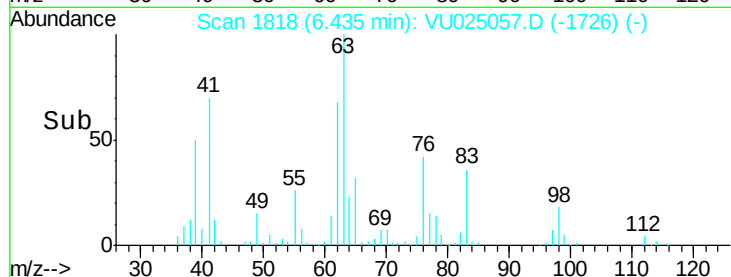
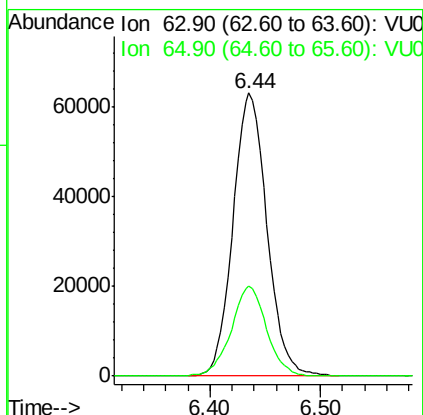
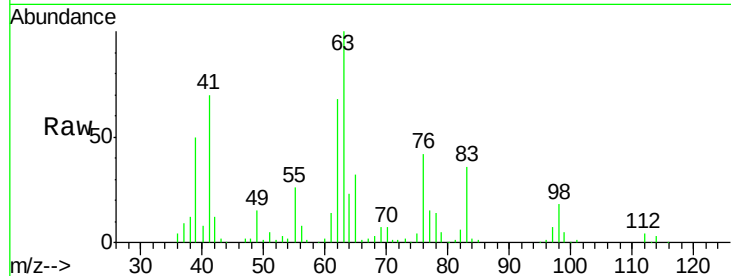




#45  
 1,2-Dichloropropane  
 Concen: 48.127 ug/l  
 RT: 6.44 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

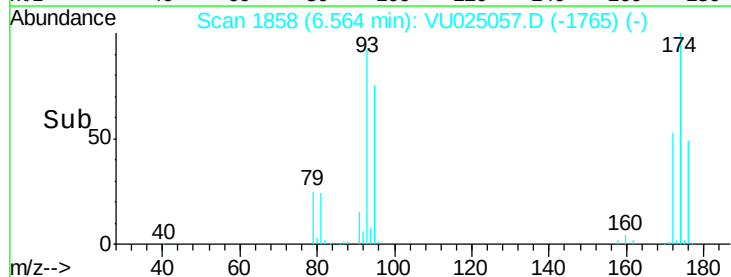
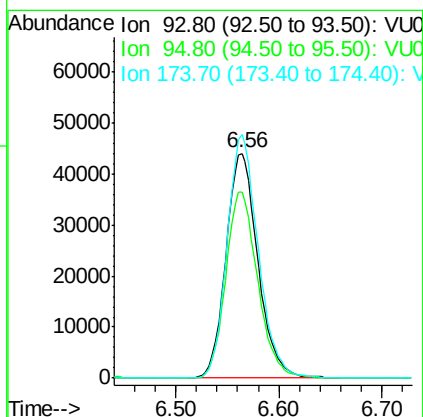
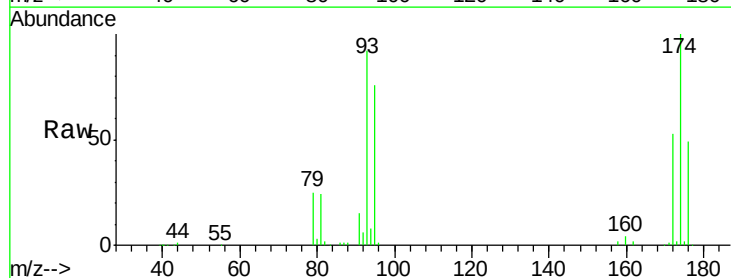
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

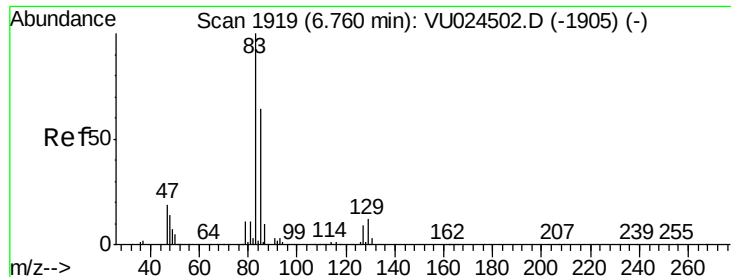
Tgt Ion: 63 Resp: 134439  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.8 37.2



#46  
 Dibromomethane  
 Concen: 48.310 ug/l  
 RT: 6.56 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 93 Resp: 94791  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 65.5 98.3  
 174 105.8 78.7 118.1





#47

Bromodichloromethane

Concen: 46.381 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

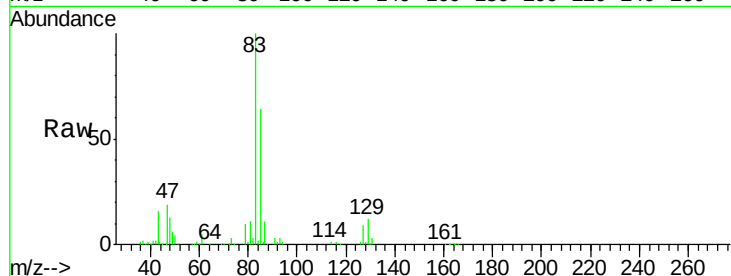
Tgt Ion: 83 Resp: 181220

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 9.2 6.6 9.8



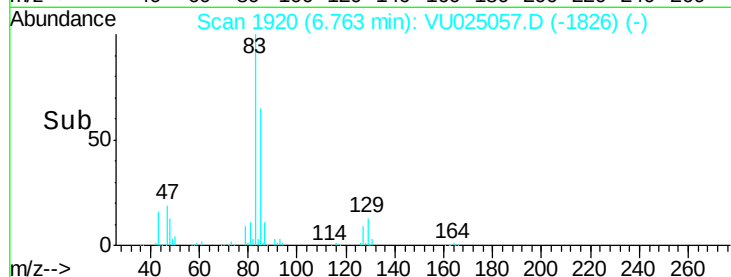
Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

6.76

Time-->



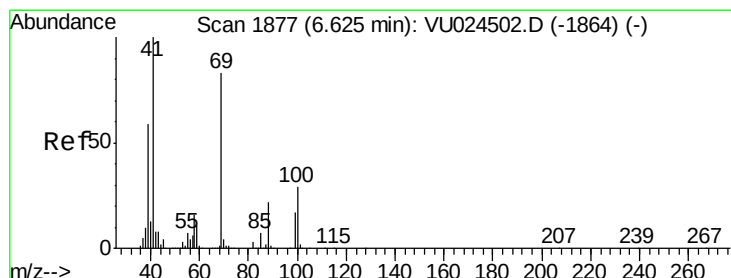
Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

6.76

Time-->



#48

Methyl methacrylate

Concen: 47.799 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

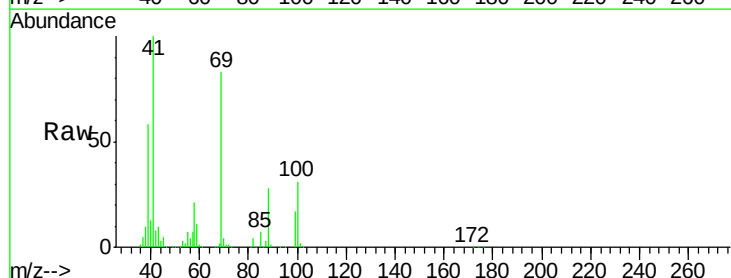
Tgt Ion: 41 Resp: 161113

Ion Ratio Lower Upper

41 100

69 82.4 67.3 100.9

39 58.6 46.5 69.7



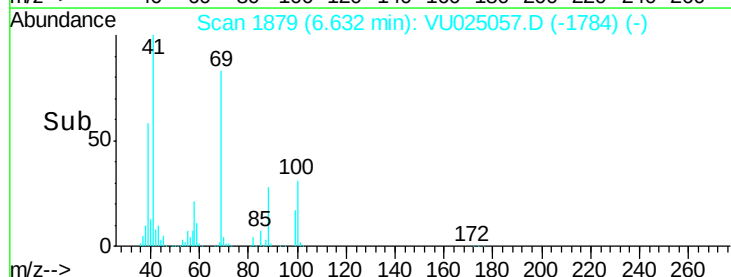
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

6.63

Time-->



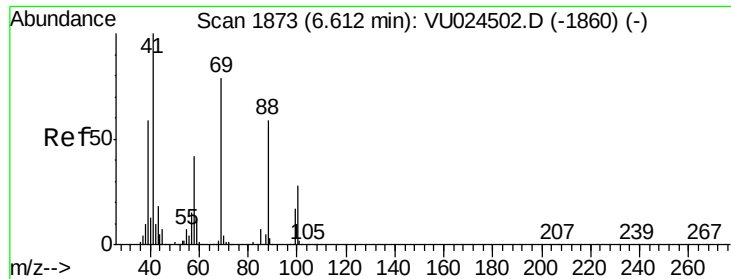
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

6.63

Time-->



#49

1,4-Dioxane

Concen: 1107.598 ug/l

RT: 6.65 min Scan# 1884

Delta R.T. 0.04 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

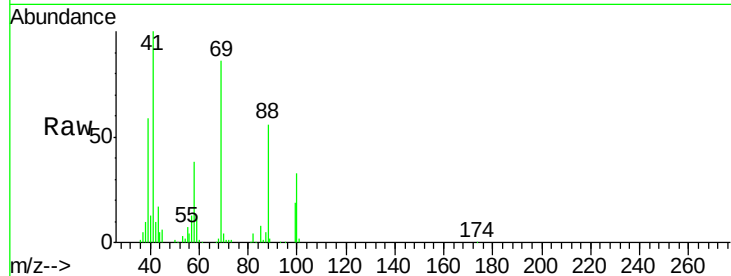
Tgt Ion: 88 Resp: 73009

Ion Ratio Lower Upper

88 100

43 31.5 28.6 42.8

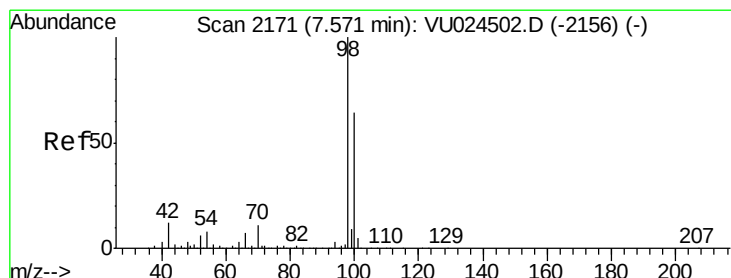
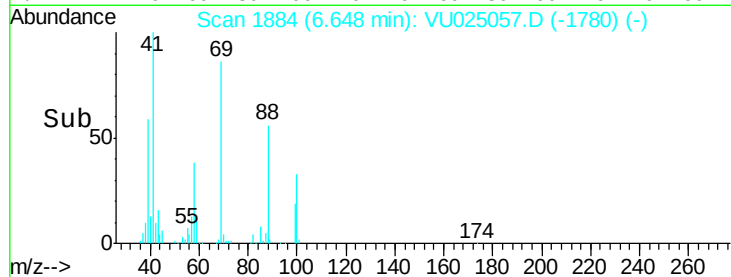
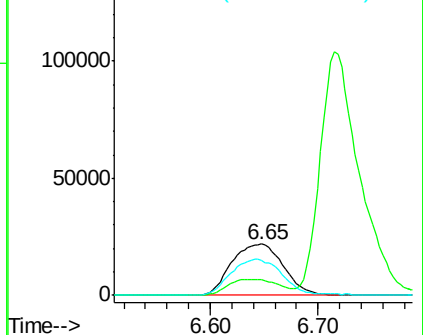
58 70.3 58.2 87.4



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: 45.069 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025057.D

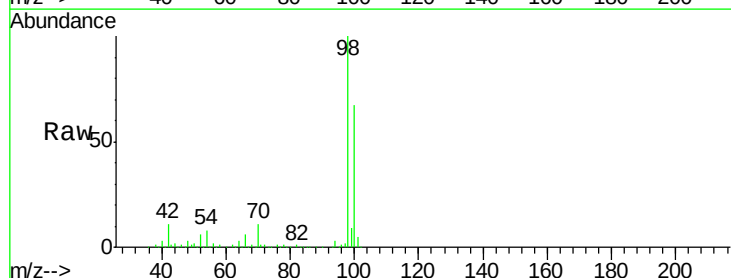
Acq: 29 Jun 2018 06:49

Tgt Ion: 98 Resp: 426590

Ion Ratio Lower Upper

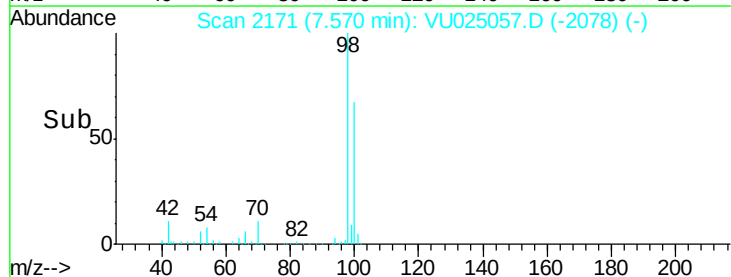
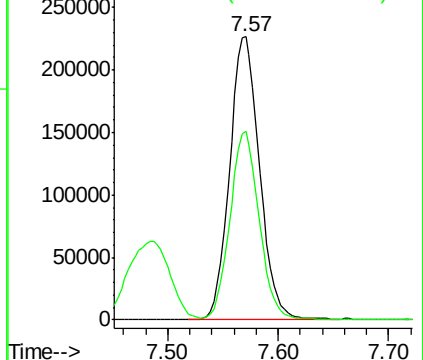
98 100

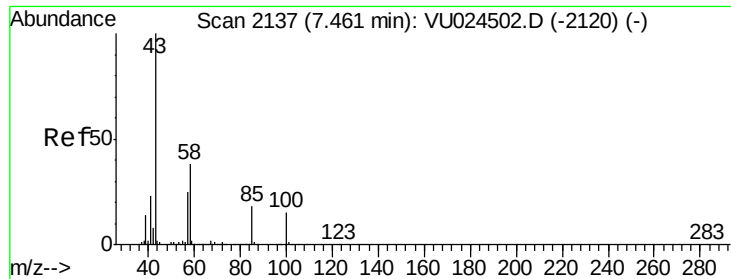
100 64.6 51.1 76.7



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: 246.180 ug/l

RT: 7.48 min Scan# 2144

Delta R.T. 0.02 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

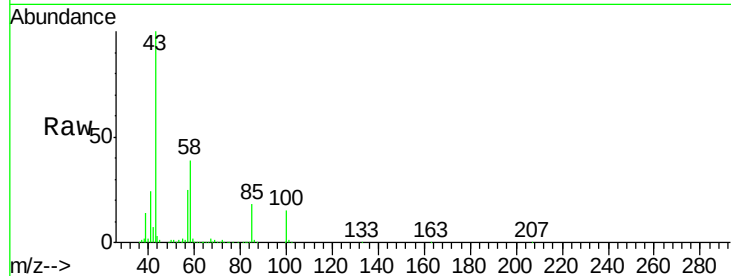
WP021SB489-21-23-180622MS

Tgt Ion: 43 Resp: 1070578

Ion Ratio Lower Upper

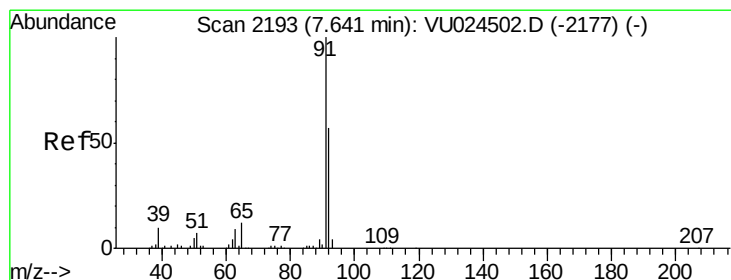
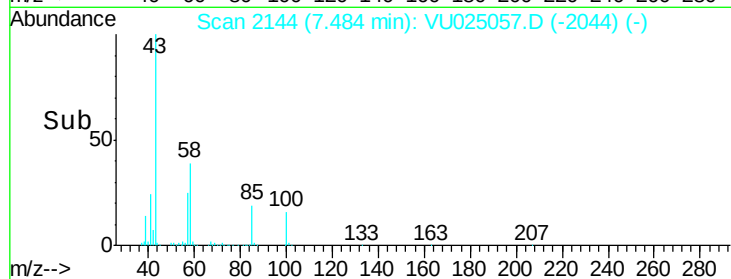
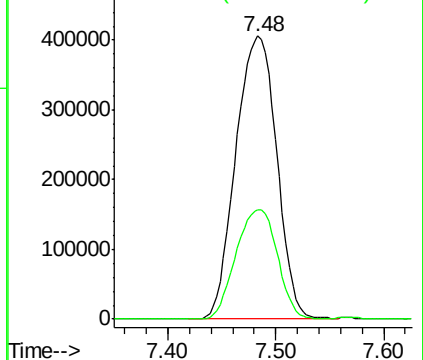
43 100

58 39.2 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 47.058 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025057.D

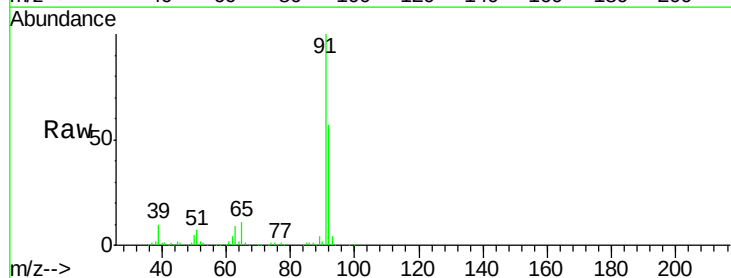
Acq: 29 Jun 2018 06:49

Tgt Ion: 92 Resp: 316959

Ion Ratio Lower Upper

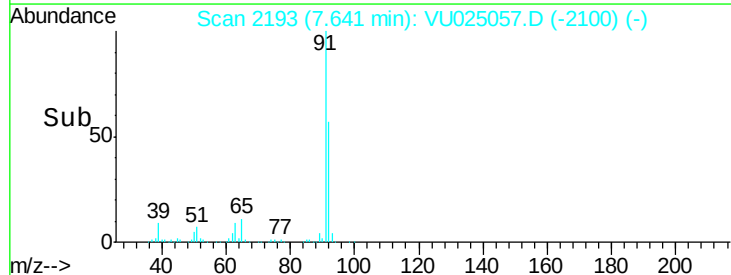
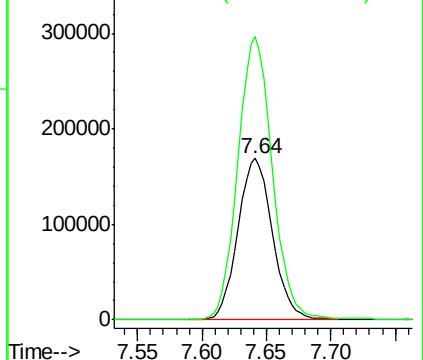
92 100

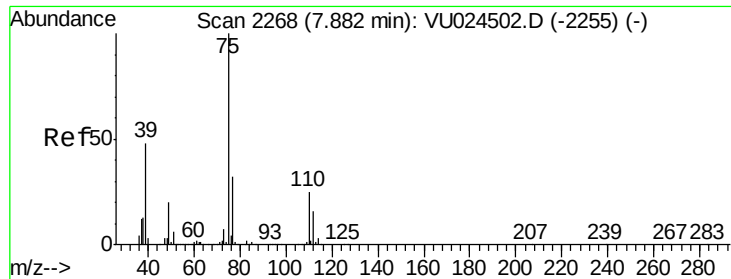
91 175.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

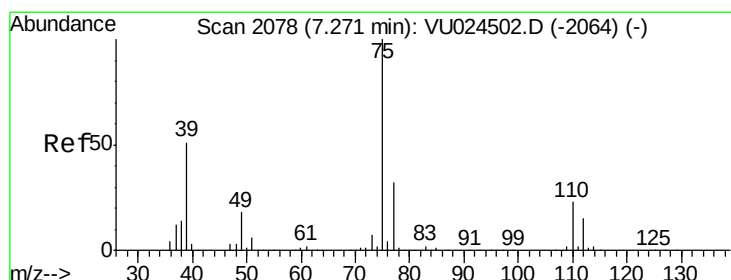
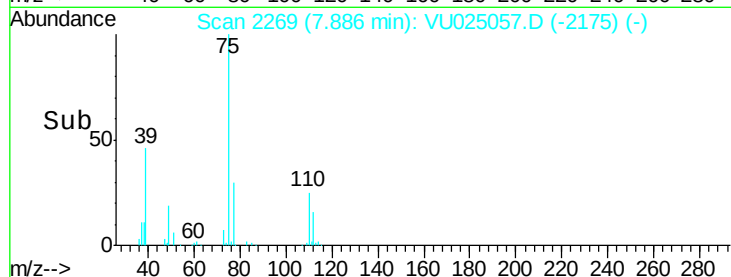
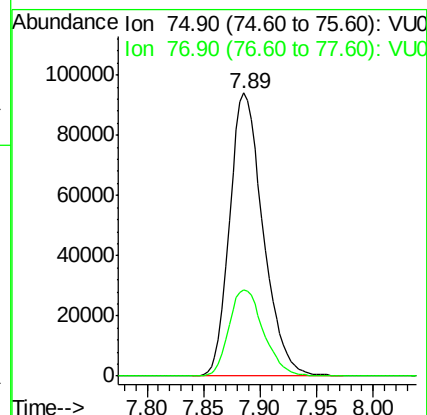
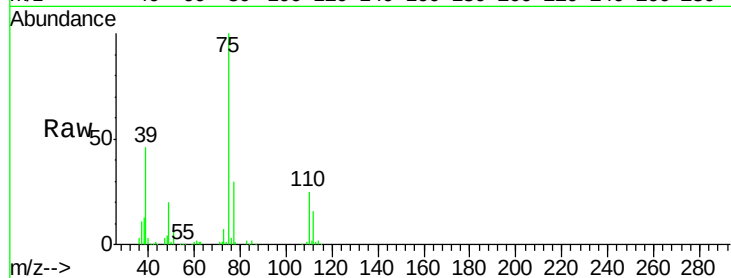




#53  
t-1,3-Dichloropropene  
Concen: 44.213 ug/l  
RT: 7.89 min Scan# 2269  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

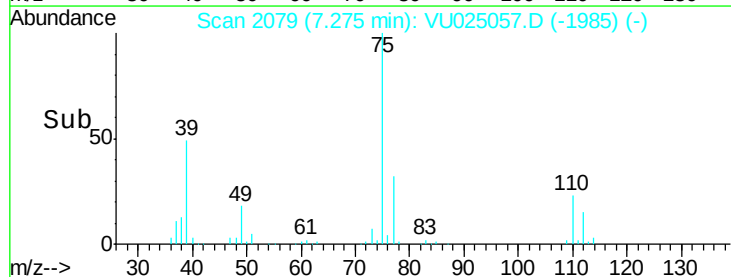
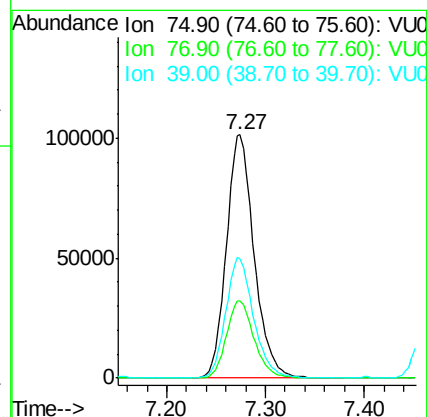
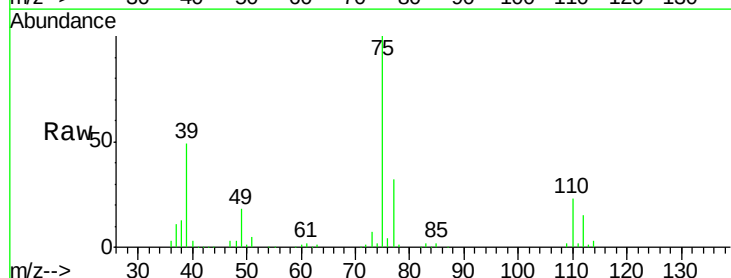
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

Tgt Ion: 75 Resp: 193996  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.8 37.2

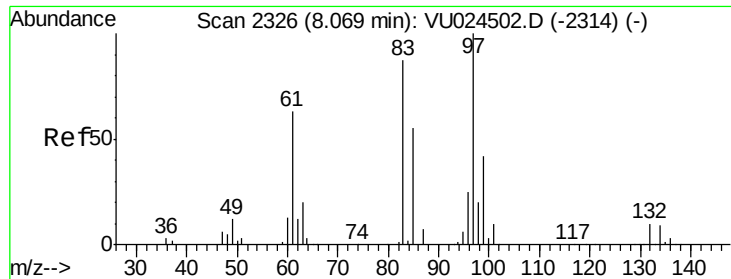


#54  
cis-1,3-Dichloropropene  
Concen: 42.741 ug/l  
RT: 7.27 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 75 Resp: 199834  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.6 36.8  
39 48.8 39.8 59.6



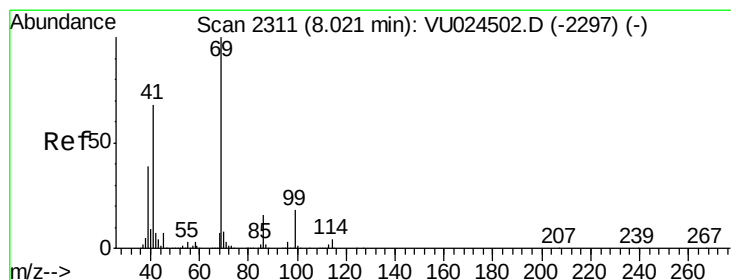
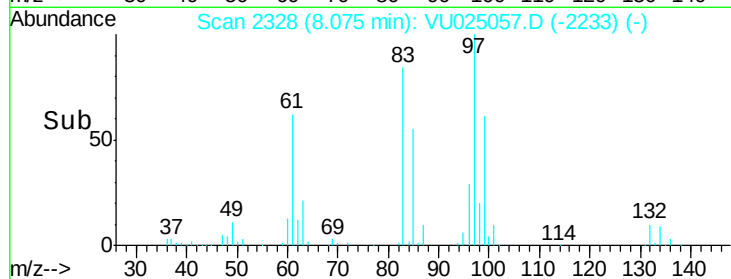
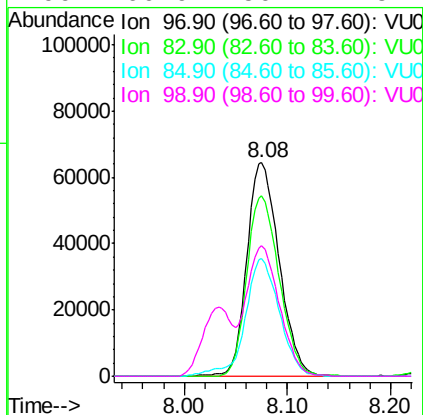
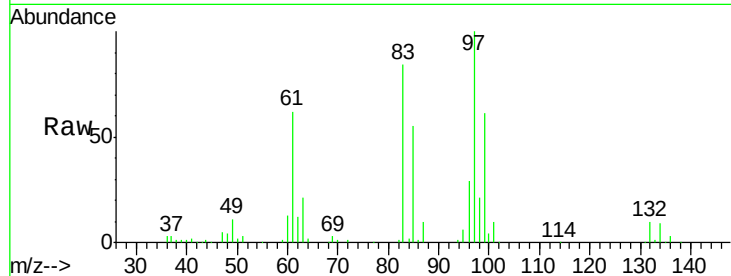




#55  
 1,1,2-Trichloroethane  
 Concen: 51.170 ug/l  
 RT: 8.08 min Scan# 2328  
 Delta R.T. 0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

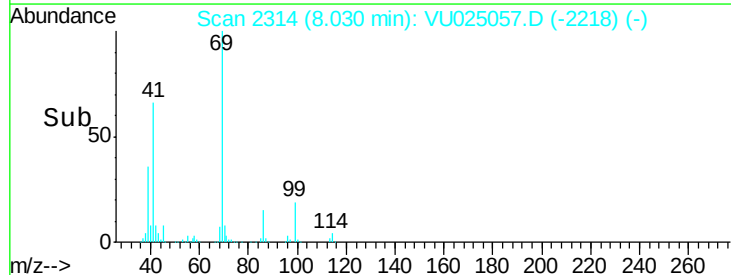
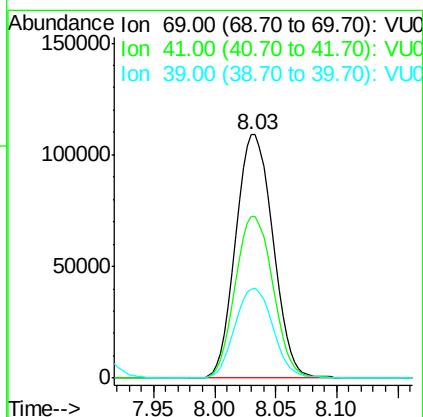
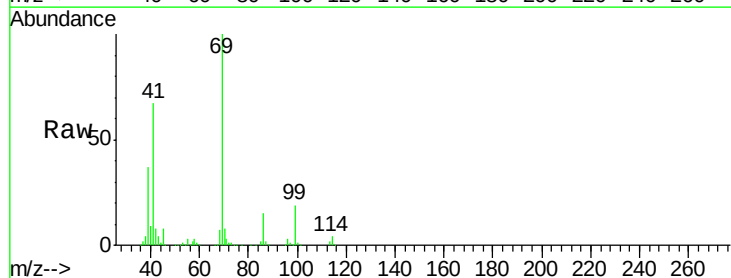
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

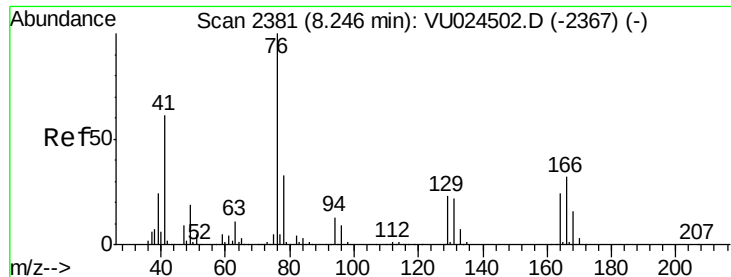
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 140099 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 70.5  | 105.7  |
| 85       | 55.2  | 46.4  | 69.6   |
| 99       | 60.9  | 50.2  | 75.2   |



#56  
 Ethyl methacrylate  
 Concen: 50.455 ug/l  
 RT: 8.03 min Scan# 2314  
 Delta R.T. 0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 231212 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.3  | 54.1  | 81.1   |
| 39       | 37.3  | 30.3  | 45.5   |

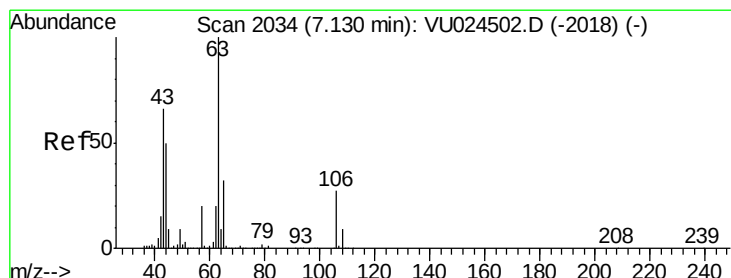
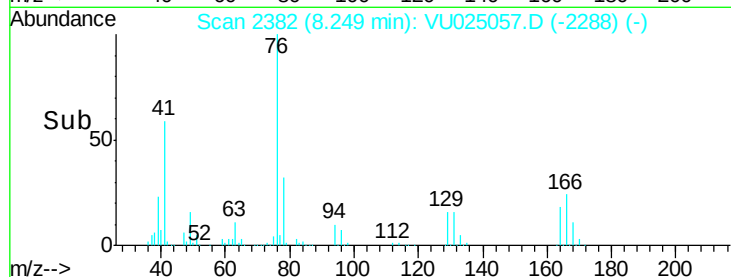
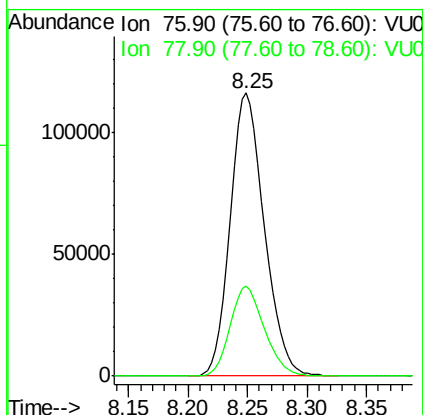
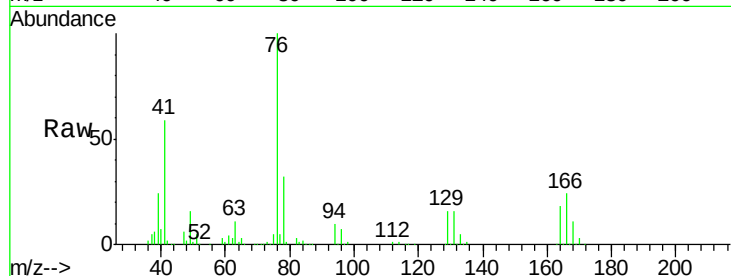




#57  
 1,3-Dichloropropane  
 Concen: 49.898 ug/l  
 RT: 8.25 min Scan# 2382  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

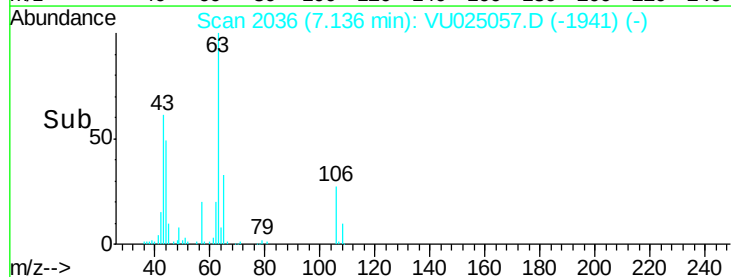
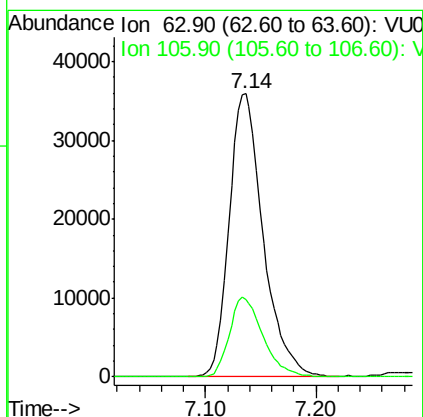
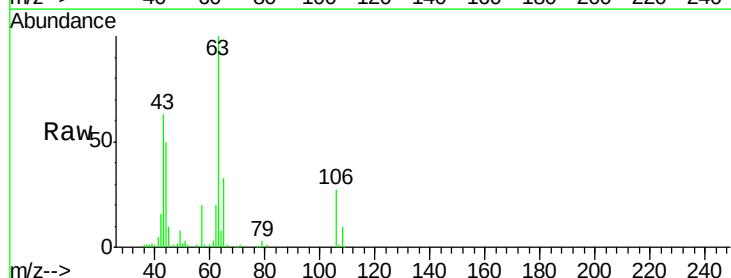
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

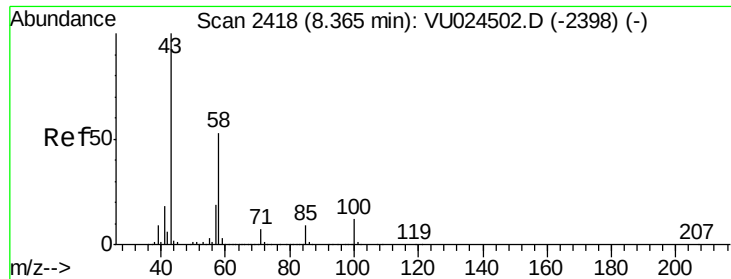
Tgt Ion: 76 Resp: 230461  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 25.2 37.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 43.710 ug/l  
 RT: 7.14 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 63 Resp: 76737  
 Ion Ratio Lower Upper  
 63 100  
 106 27.7 20.2 30.2

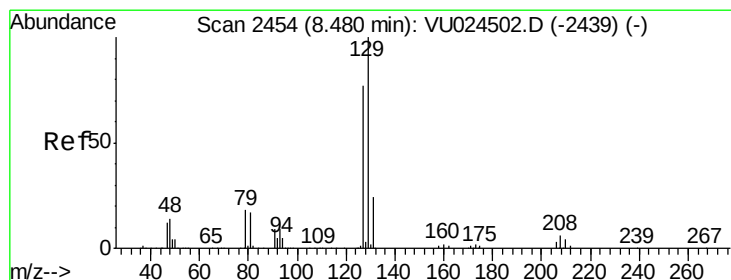
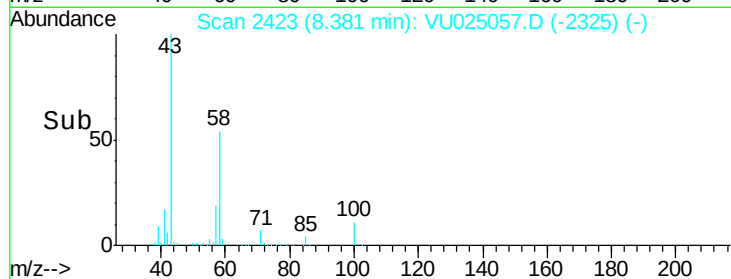
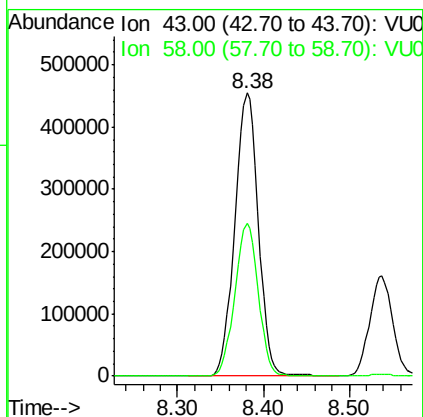
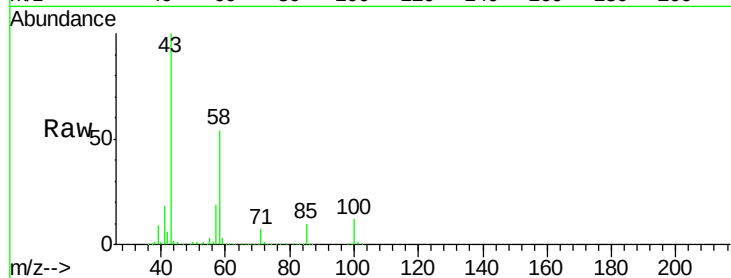




#59  
2-Hexanone  
Concen: 242.612 ug/l  
RT: 8.38 min Scan# 2423  
Delta R.T. 0.02 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

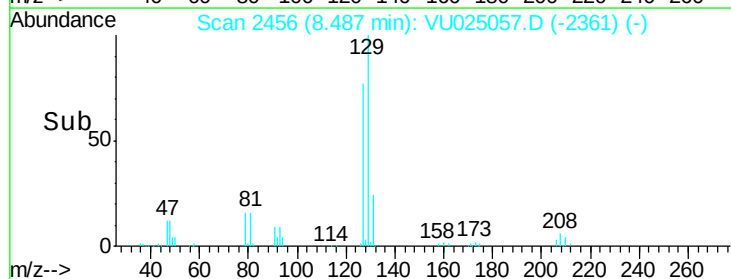
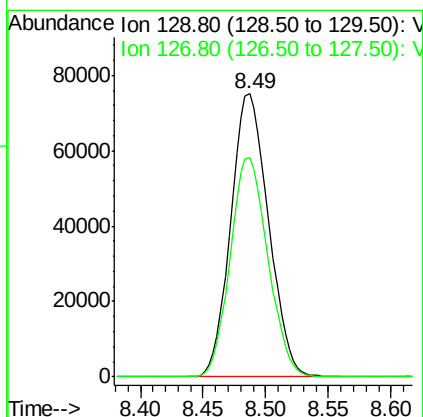
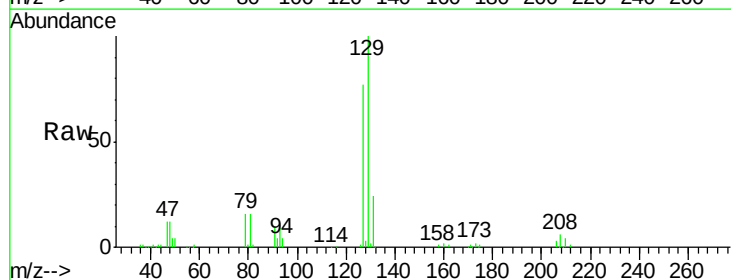
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

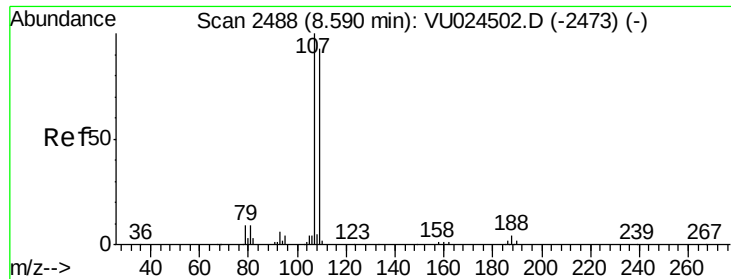
Tgt Ion: 43 Resp: 861358  
Ion Ratio Lower Upper  
43 100  
58 53.9 26.4 79.0



#60  
Dibromochloromethane  
Concen: 46.001 ug/l  
RT: 8.49 min Scan# 2456  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 129 Resp: 157057  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.671 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

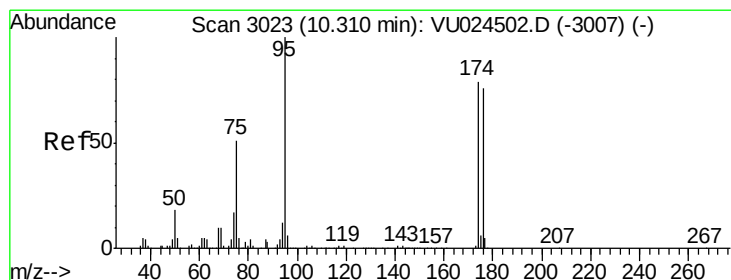
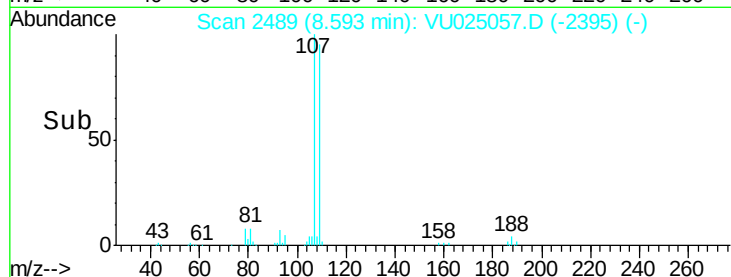
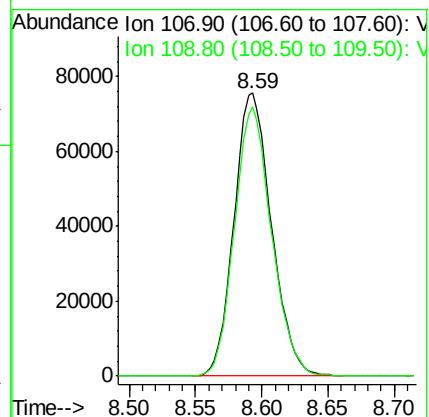
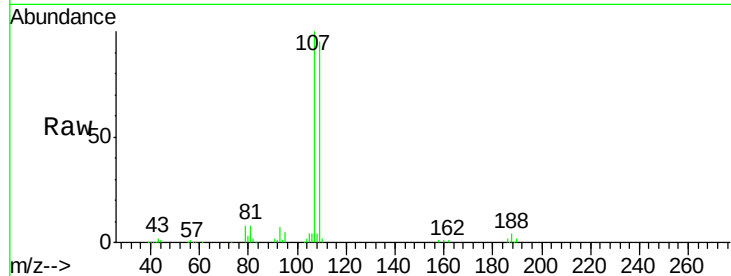
WP021SB489-21-23-180622MS

Tgt Ion: 107 Resp: 148319

Ion Ratio Lower Upper

107 100

109 94.5 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 51.222 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

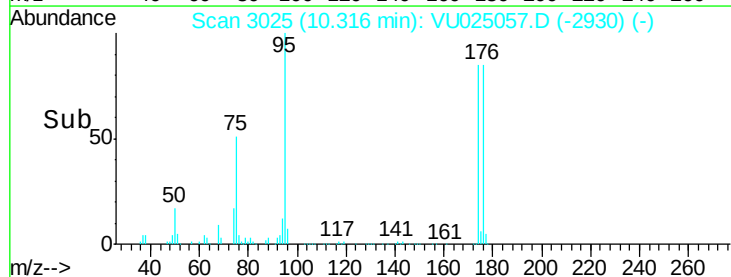
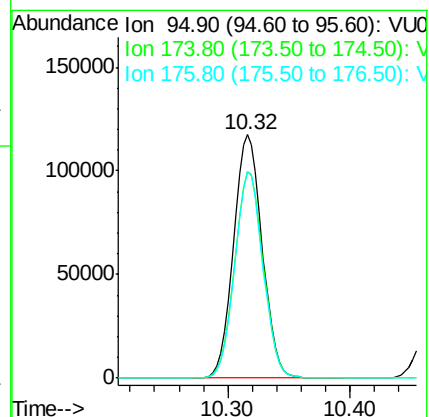
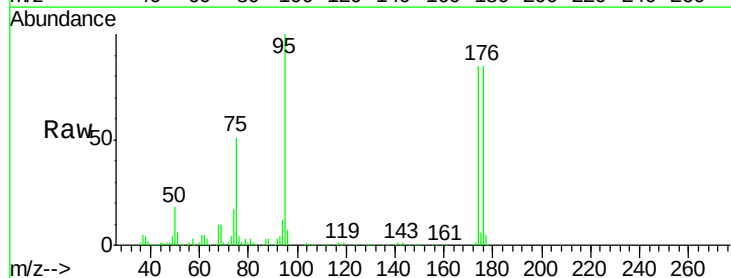
Tgt Ion: 95 Resp: 192498

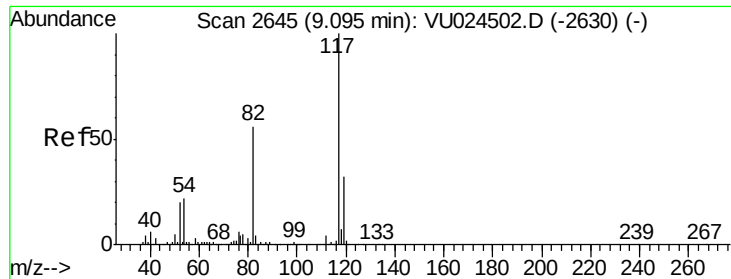
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 83.3 0.0 159.4

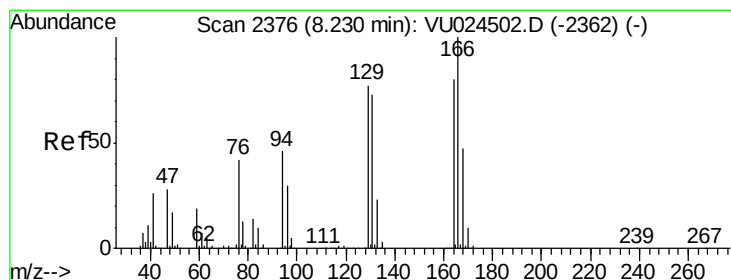
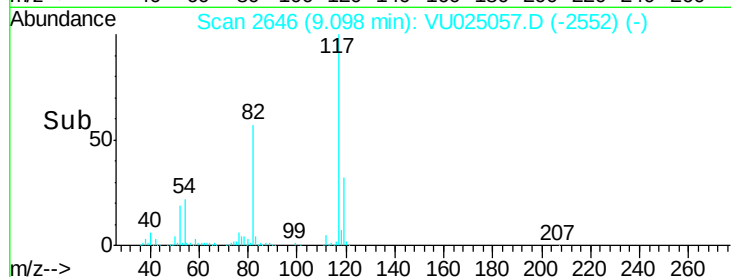
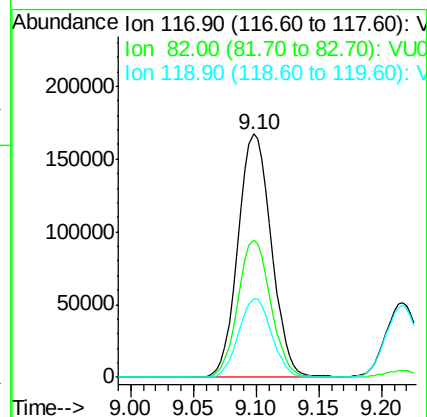
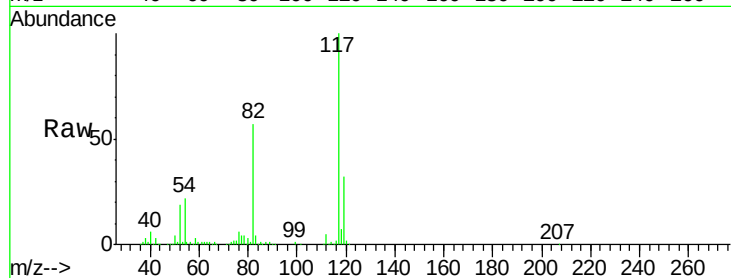




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.10 min Scan# 2646  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

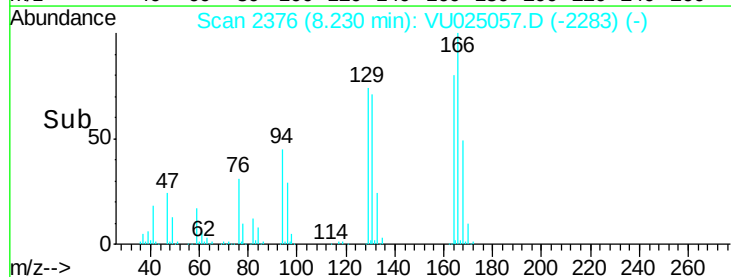
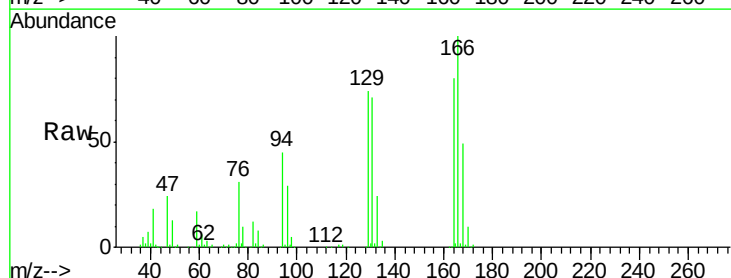
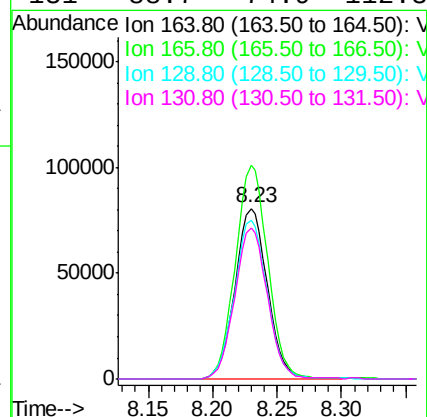
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

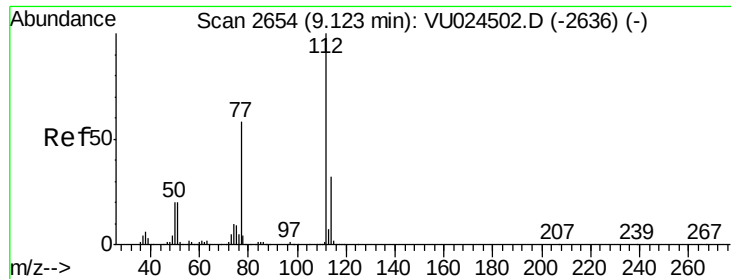
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.5  | 44.3  | 66.5  |
| 119     | 32.3  | 25.4  | 38.2  |



#64  
Tetrachloroethene  
Concen: 47.985 ug/l  
RT: 8.23 min Scan# 2376  
Delta R.T. -0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.2 | 101.7 | 152.5 |
| 129     | 93.3  | 76.9  | 115.3 |
| 131     | 88.7  | 74.9  | 112.3 |





#65

Chlorobenzene

Concen: 48.923 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

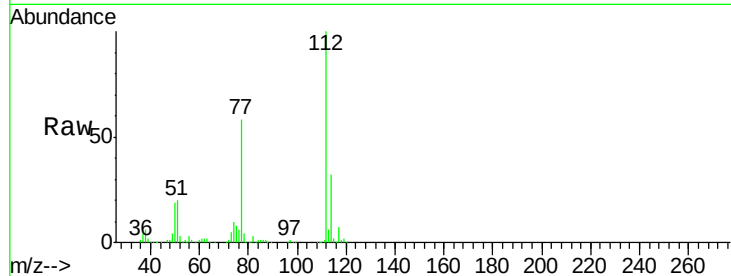
WP021SB489-21-23-180622MS

Tgt Ion:112 Resp: 386795

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

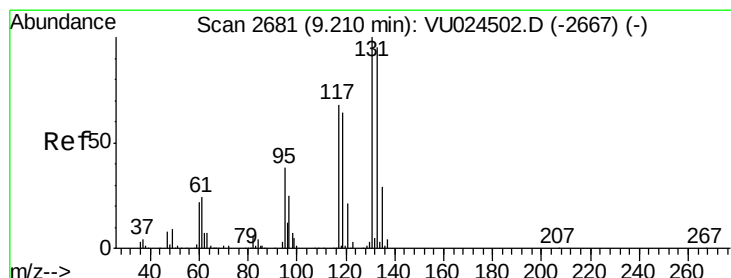
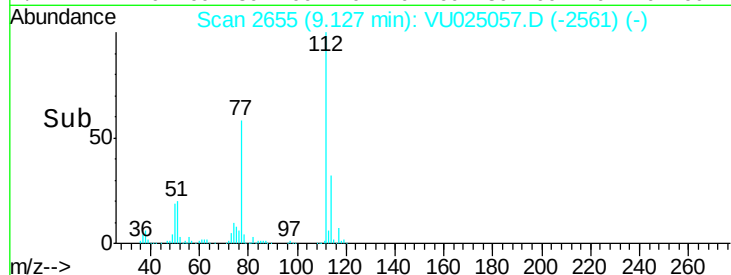
100000

50000

0

9.05 9.10 9.15 9.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.152 ug/l

RT: 9.22 min Scan# 2683

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

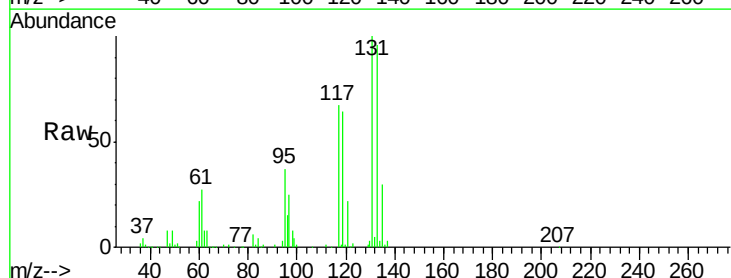
Tgt Ion:131 Resp: 144635

Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.8

119 64.0 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

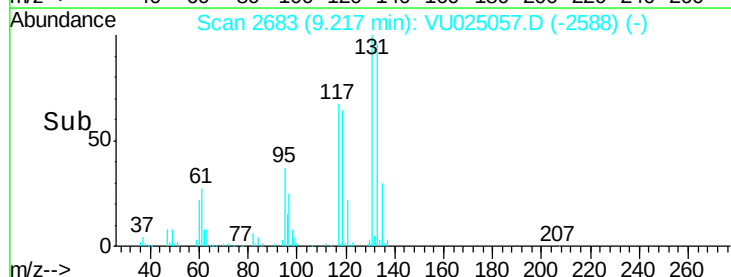
40000

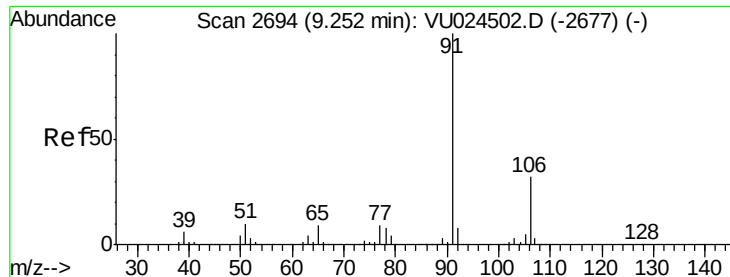
20000

0

9.15 9.20 9.25 9.30

Time-->





#67

Ethyl Benzene

Concen: 46.334 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

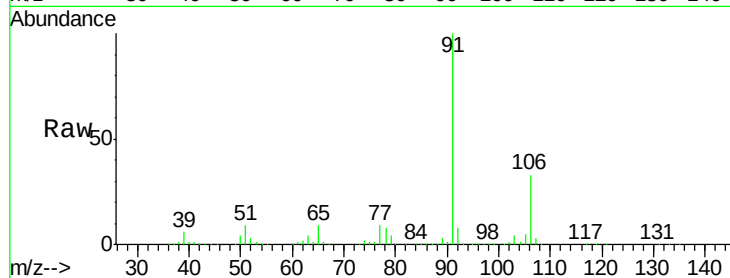
WP021SB489-21-23-180622MS

Tgt Ion: 91 Resp: 642198

Ion Ratio Lower Upper

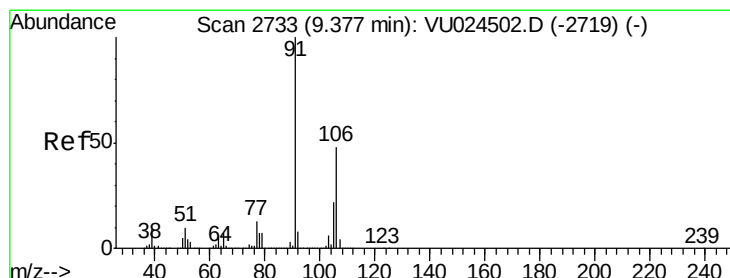
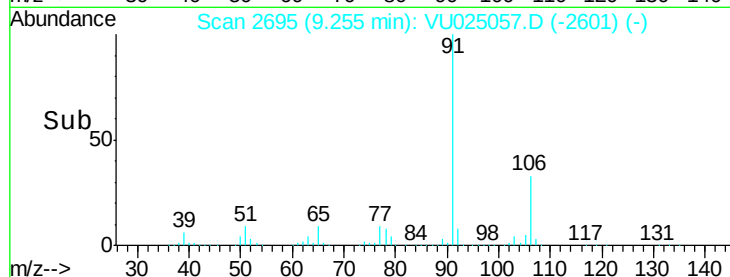
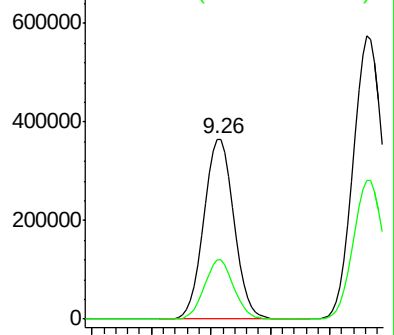
91 100

106 32.6 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 94.067 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025057.D

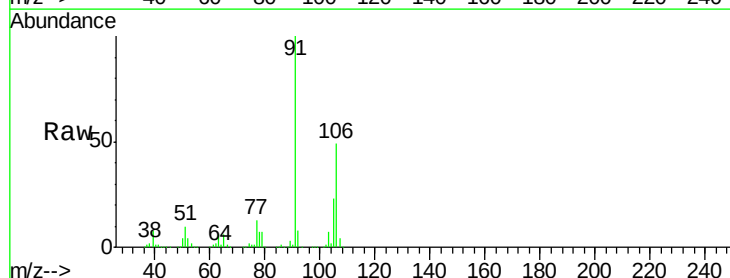
Acq: 29 Jun 2018 06:49

Tgt Ion: 106 Resp: 500653

Ion Ratio Lower Upper

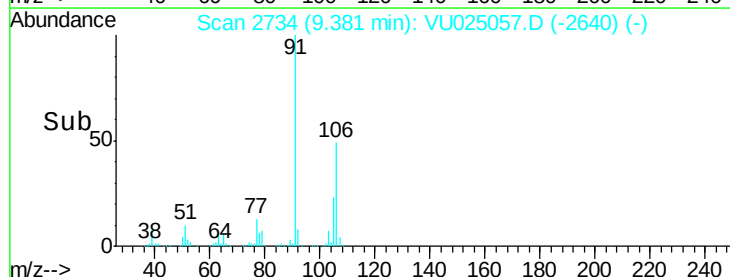
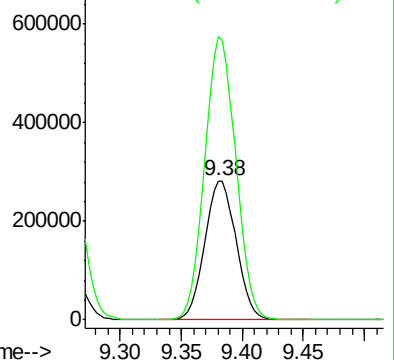
106 100

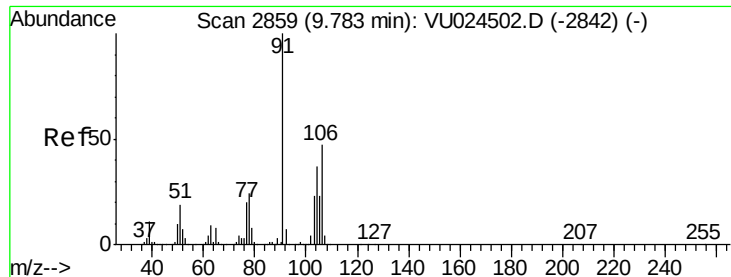
91 203.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

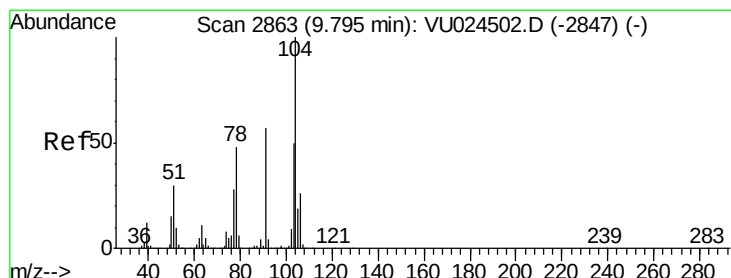
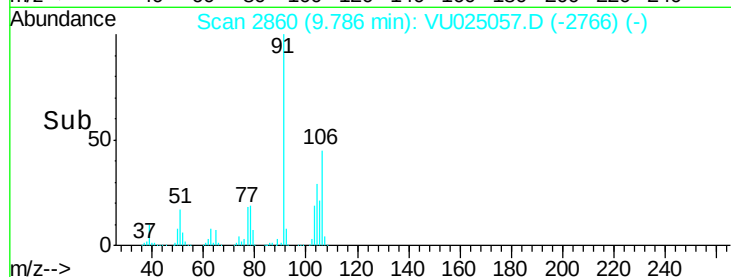
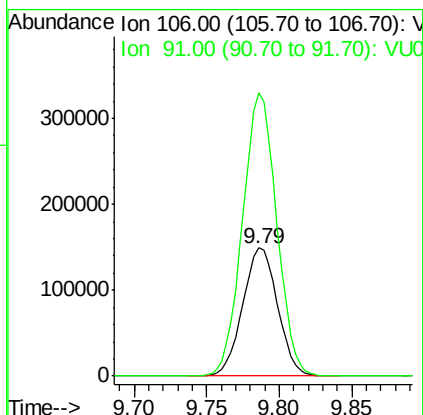
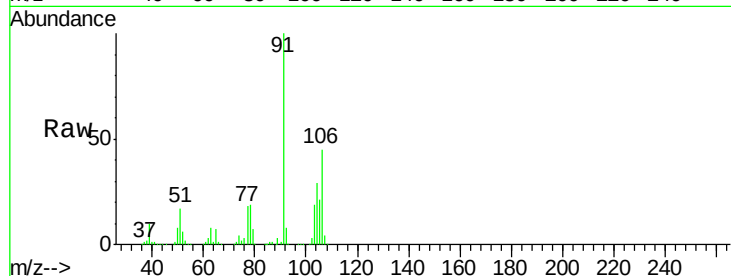




#69  
o-Xylene  
Concen: 47.491 ug/l  
RT: 9.79 min Scan# 2860  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

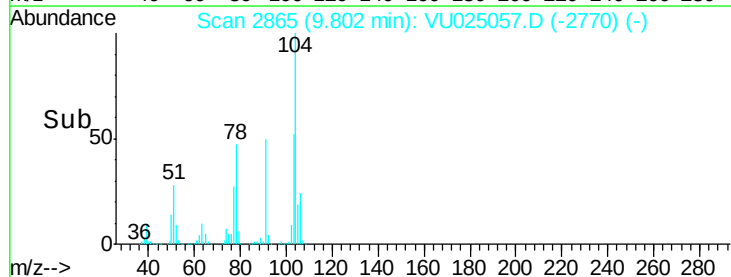
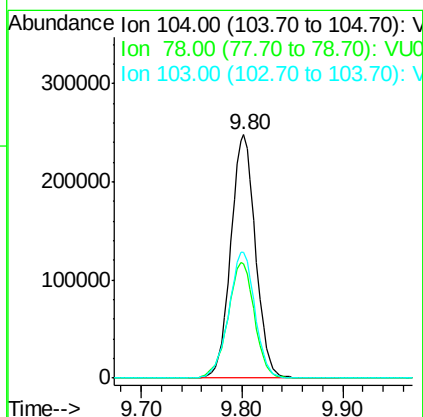
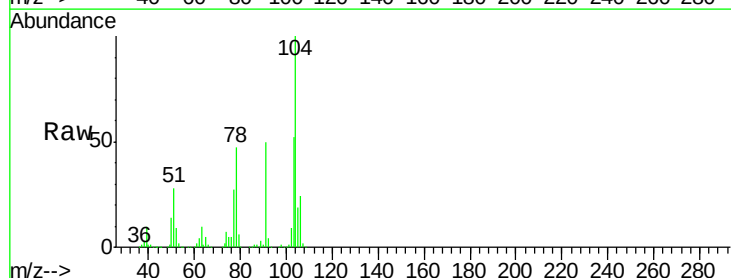
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

Tgt Ion:106 Resp: 250146  
Ion Ratio Lower Upper  
106 100  
91 216.9 110.7 331.9

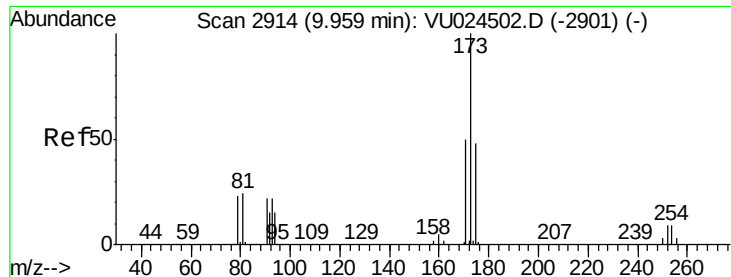


#70  
Styrene  
Concen: 48.749 ug/l  
RT: 9.80 min Scan# 2865  
Delta R.T. 0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion:104 Resp: 421967  
Ion Ratio Lower Upper  
104 100  
78 51.2 40.6 60.8  
103 55.0 44.7 67.1







#71

Bromoform

Concen: 46.007 ug/l

RT: 9.97 min Scan# 2917

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

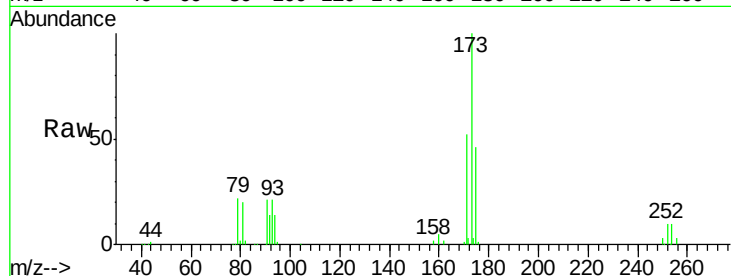
Tgt Ion:173 Resp: 131351

Ion Ratio Lower Upper

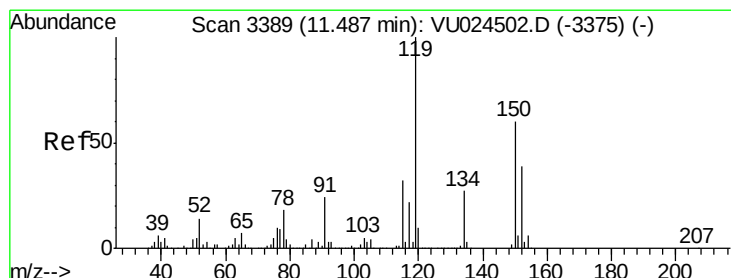
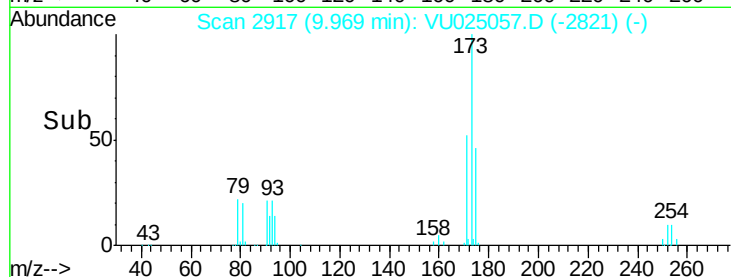
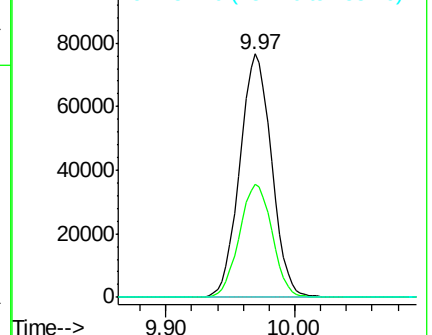
173 100

175 47.9 24.6 74.0

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

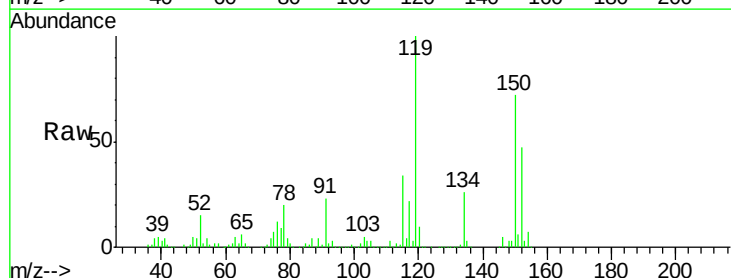
Tgt Ion:152 Resp: 192859

Ion Ratio Lower Upper

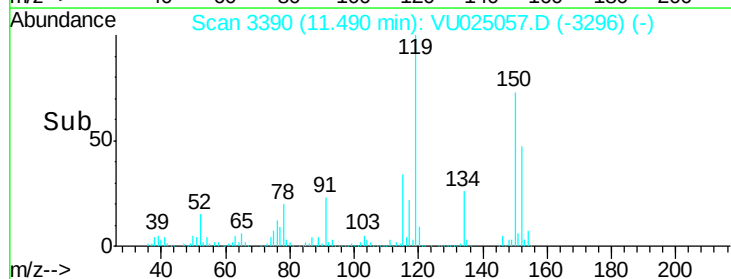
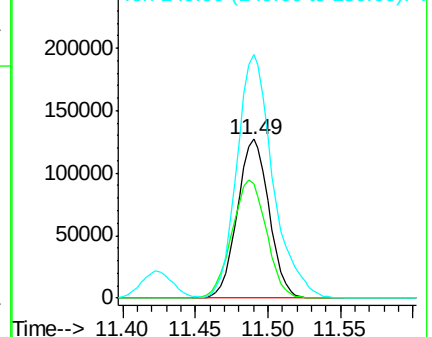
152 100

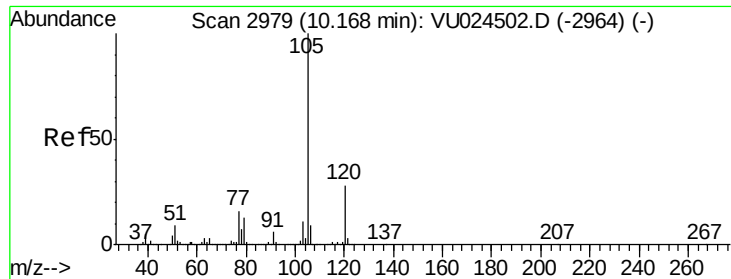
115 80.8 43.0 129.0

150 173.7 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





#73

Isopropylbenzene

Concen: 46.557 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

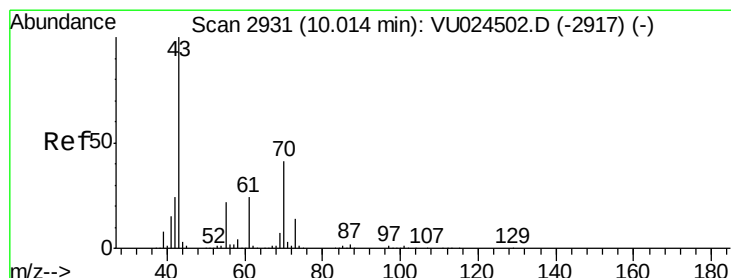
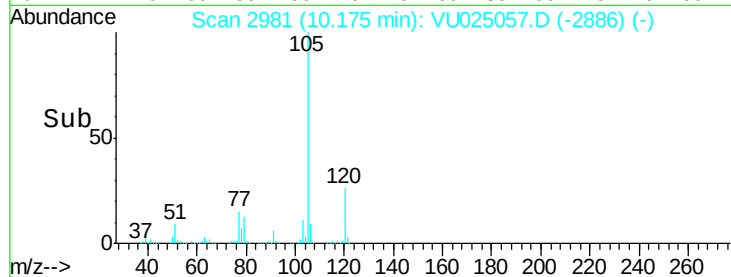
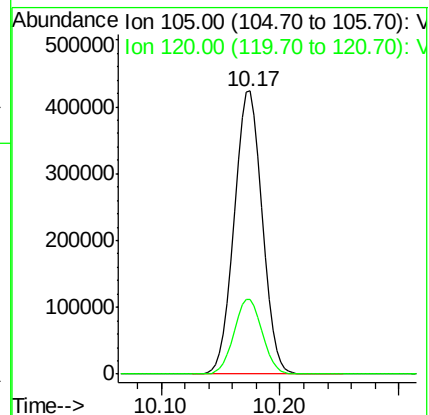
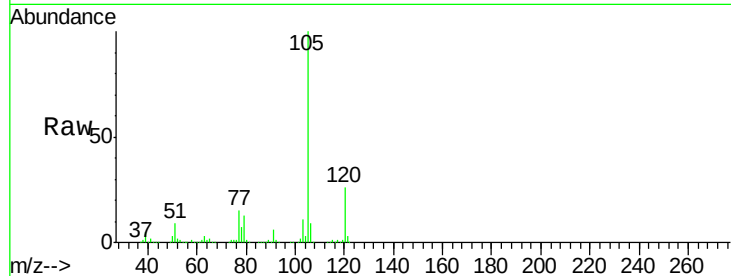
WP021SB489-21-23-180622MS

Tgt Ion: 105 Resp: 689370

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 43.668 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Tgt Ion: 43 Resp: 307548

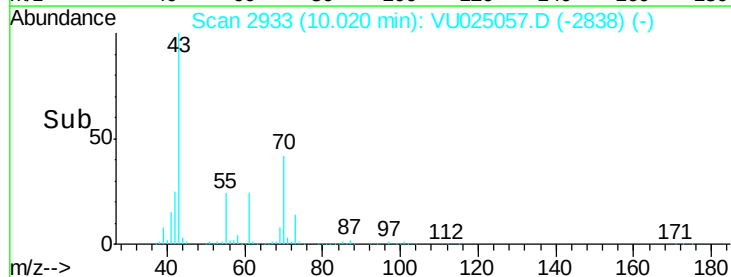
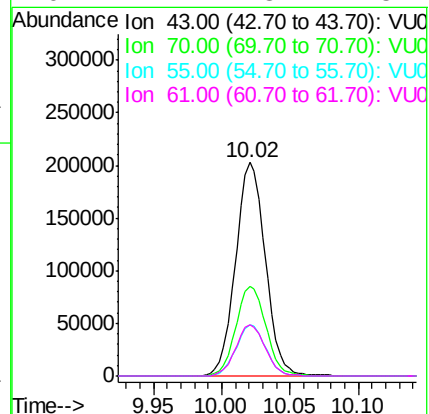
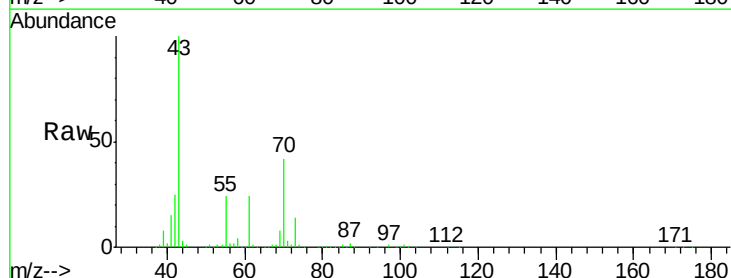
Ion Ratio Lower Upper

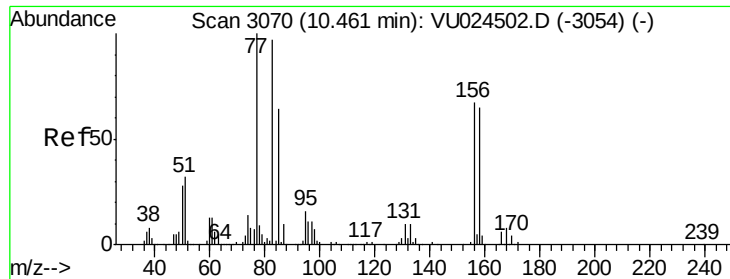
43 100

70 42.5 32.2 48.4

55 24.1 20.5 30.7

61 24.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.700 ug/l

RT: 10.47 min Scan# 3072

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

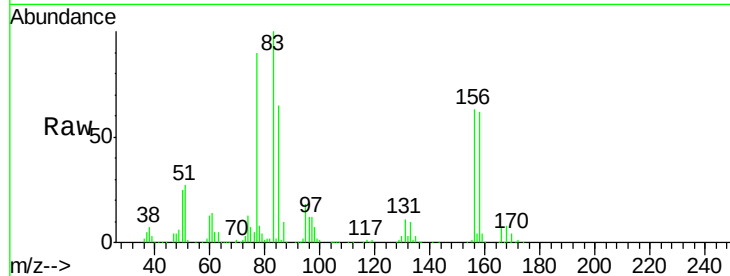
Tgt Ion: 83 Resp: 241644

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

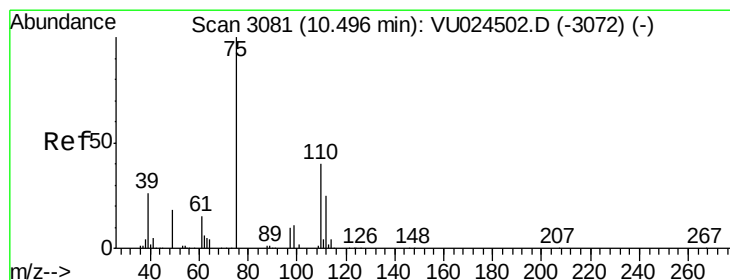
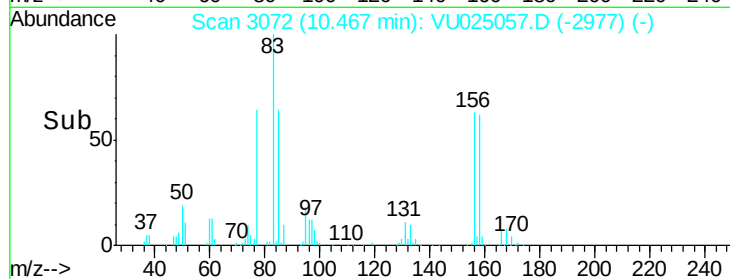
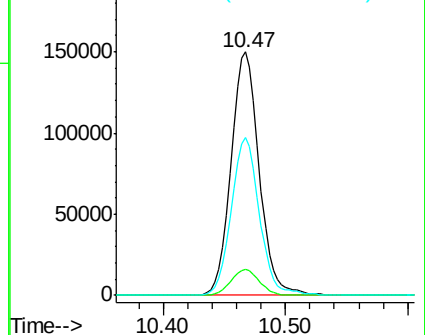
85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 66.471 ug/l

RT: 10.50 min Scan# 3083

Delta R.T. 0.01 min

Lab File: VU025057.D

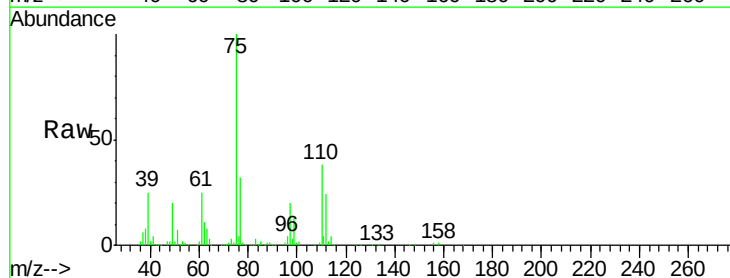
Acq: 29 Jun 2018 06:49

Tgt Ion: 75 Resp: 282241

Ion Ratio Lower Upper

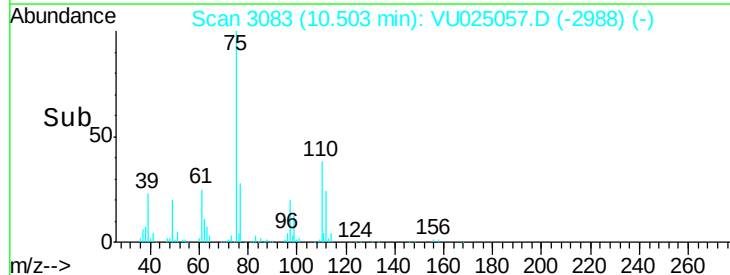
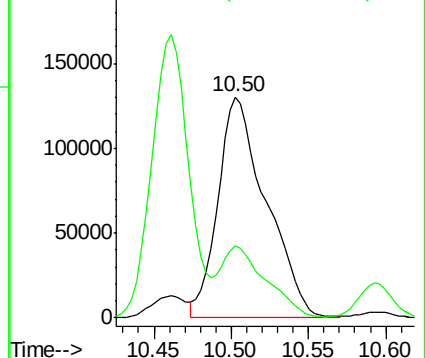
75 100

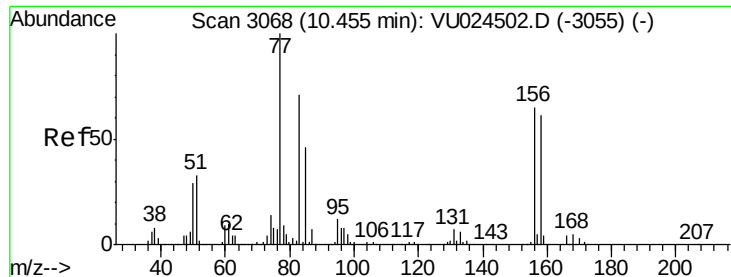
77 29.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 48.999 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.01 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

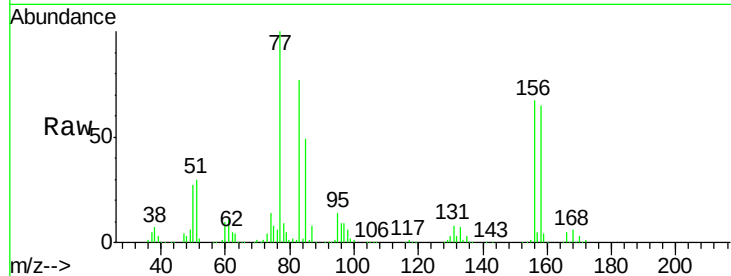
Tgt Ion:156 Resp: 183677

Ion Ratio Lower Upper

156 100

77 150.8 80.5 241.3

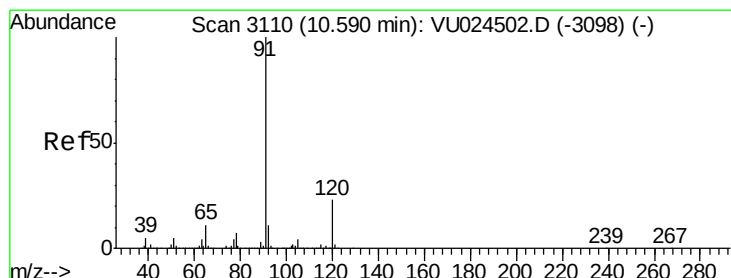
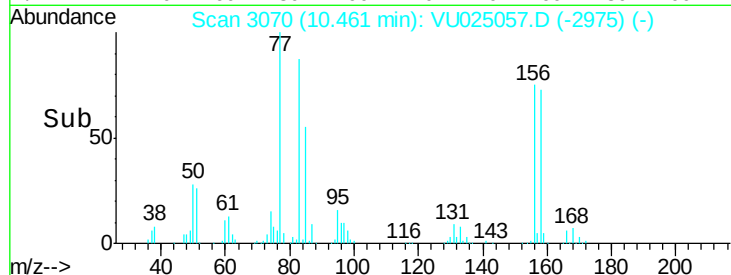
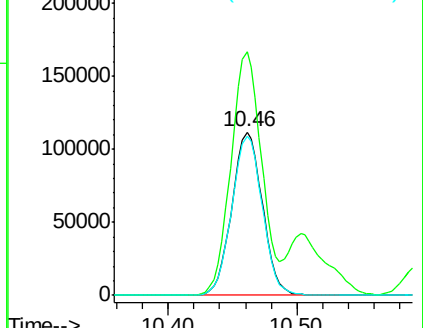
158 98.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.473 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025057.D

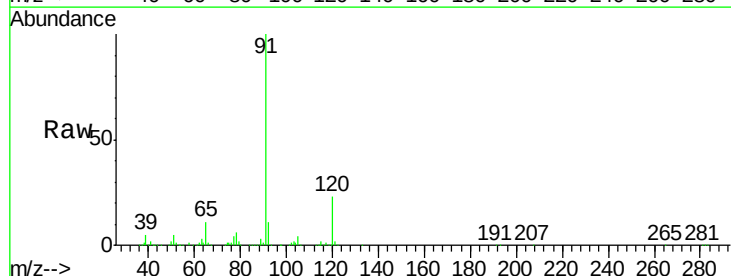
Acq: 29 Jun 2018 06:49

Tgt Ion: 91 Resp: 775717

Ion Ratio Lower Upper

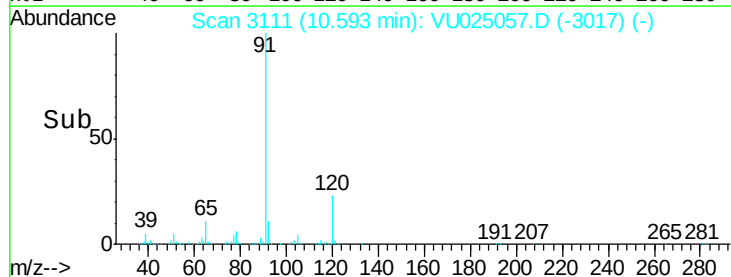
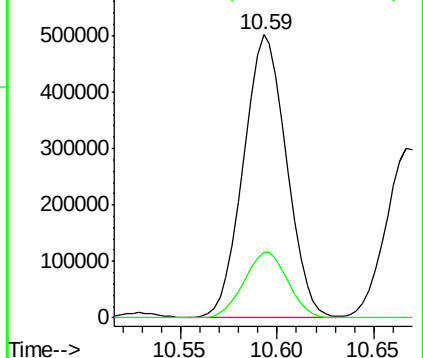
91 100

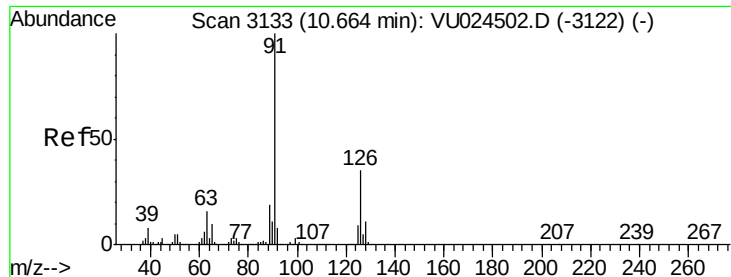
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.102 ug/l

RT: 10.67 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

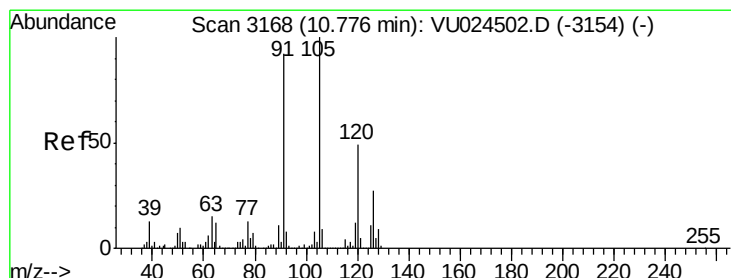
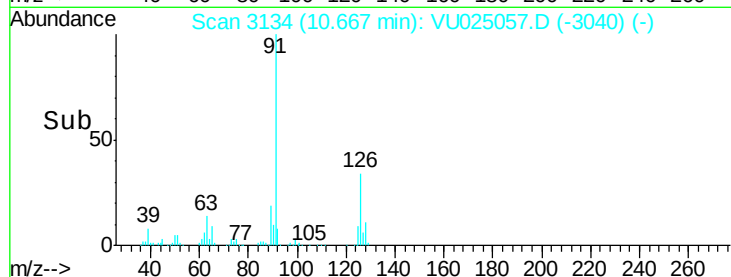
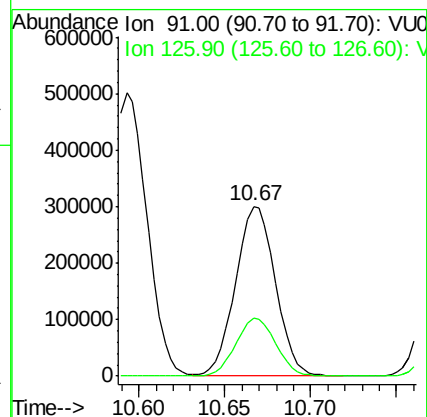
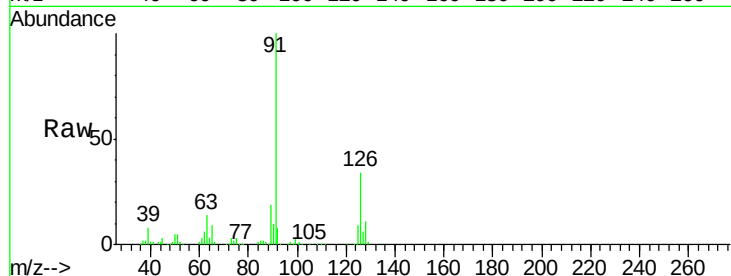
WP021SB489-21-23-180622MS

Tgt Ion: 91 Resp: 484497

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 45.950 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025057.D

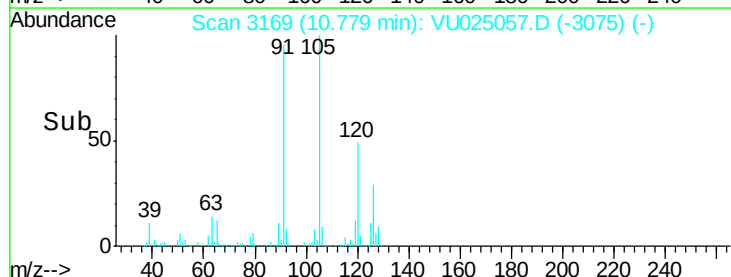
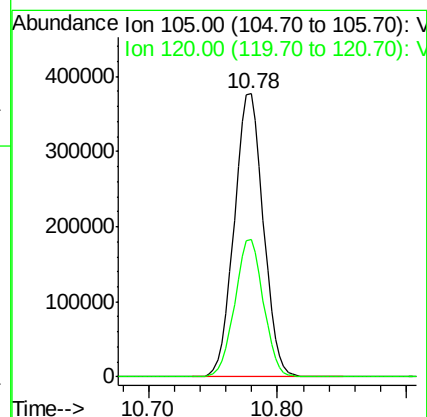
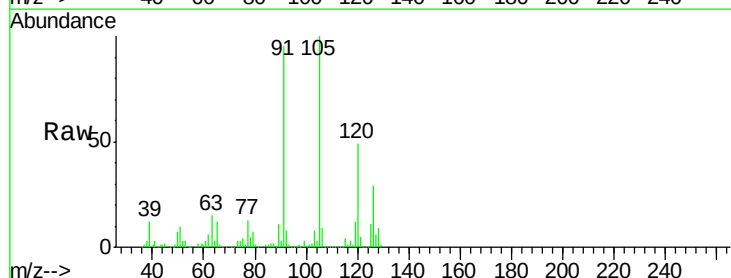
Acq: 29 Jun 2018 06:49

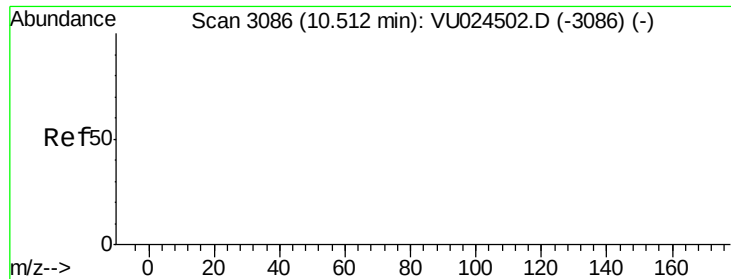
Tgt Ion: 105 Resp: 589709

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

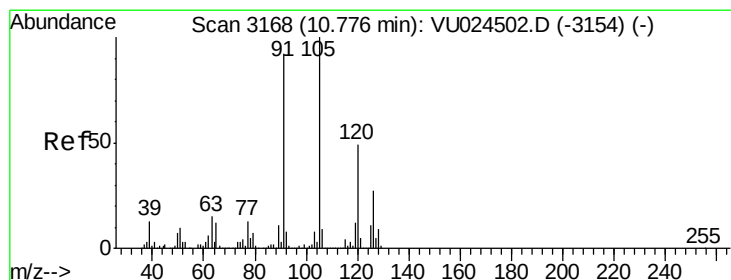
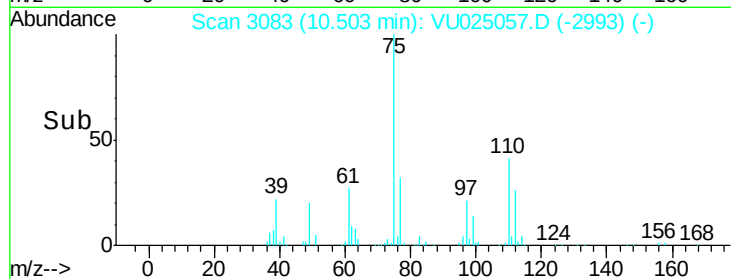
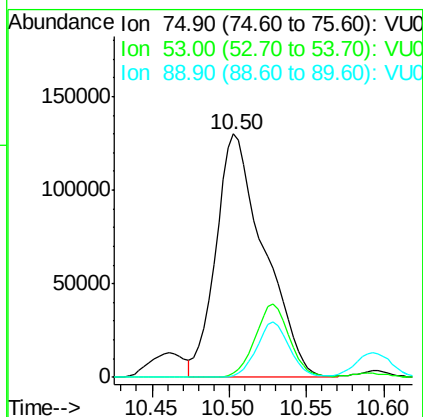
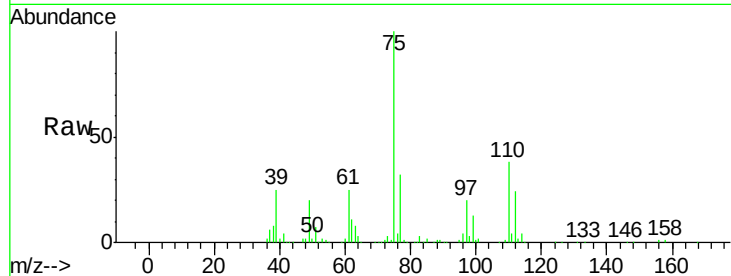




#81  
trans-1,4-Dichloro-2-butene  
Concen: 153.842 ug/l  
RT: 10.50 min Scan# 3083  
Delta R.T. -0.01 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

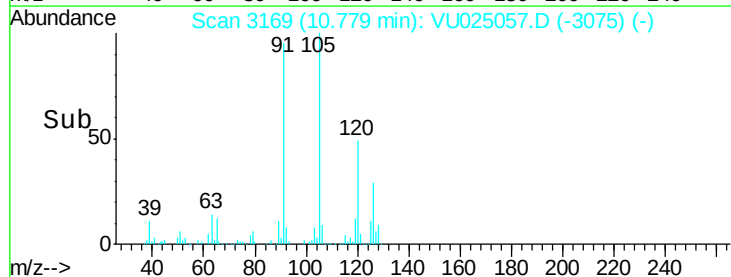
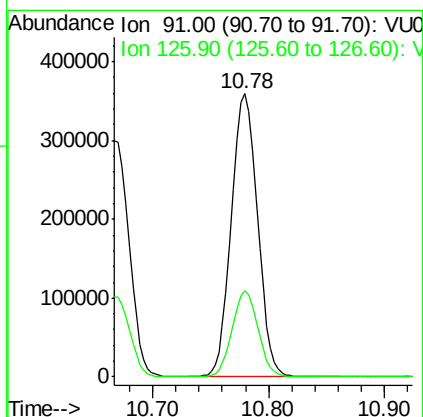
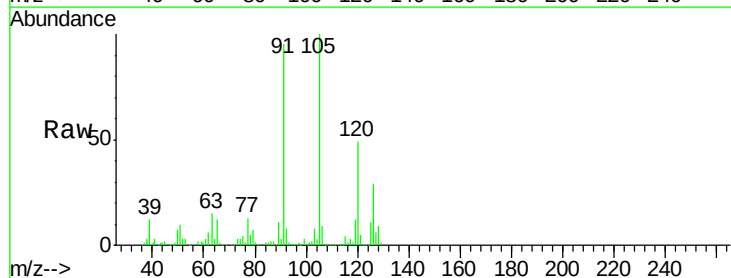
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

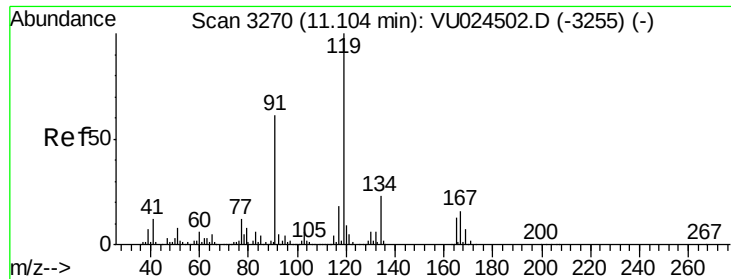
Tgt Ion: 75 Resp: 282241  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 46.643 ug/l  
RT: 10.78 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 91 Resp: 558411  
Ion Ratio Lower Upper  
91 100  
126 30.1 14.9 44.9

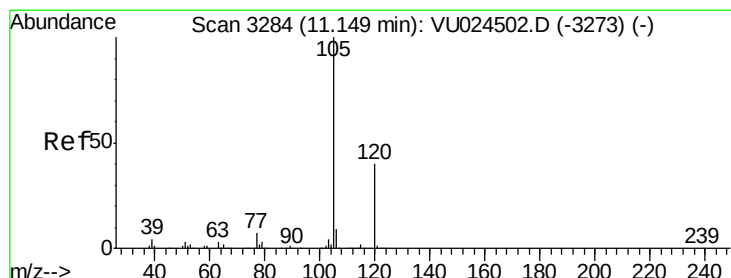
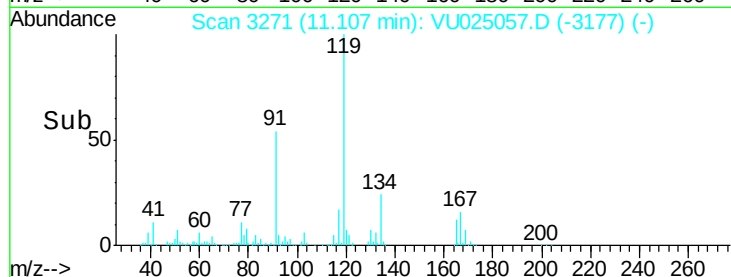
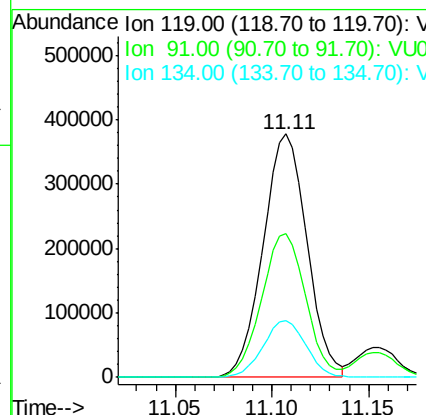
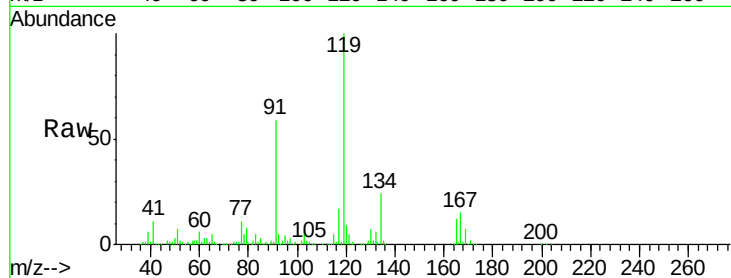




#83  
 tert-Butylbenzene  
 Concen: 48.337 ug/l  
 RT: 11.11 min Scan# 3271  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

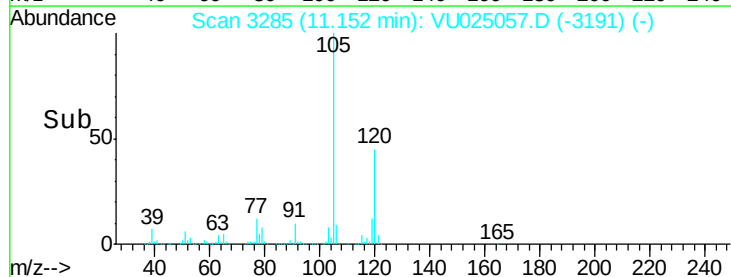
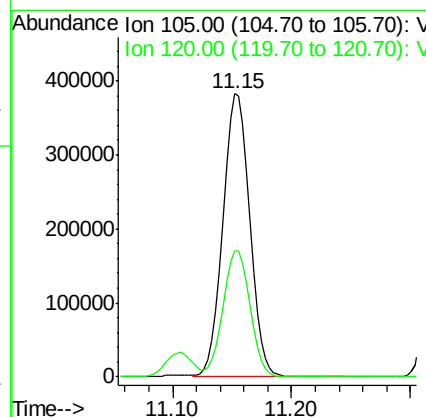
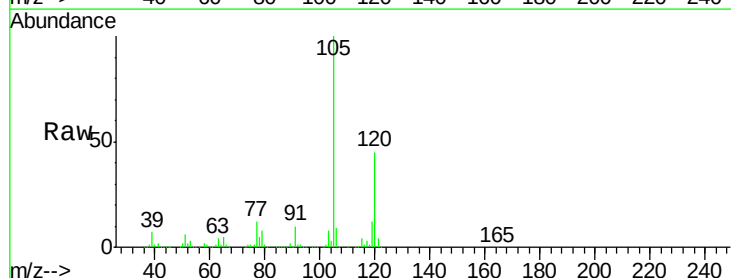
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

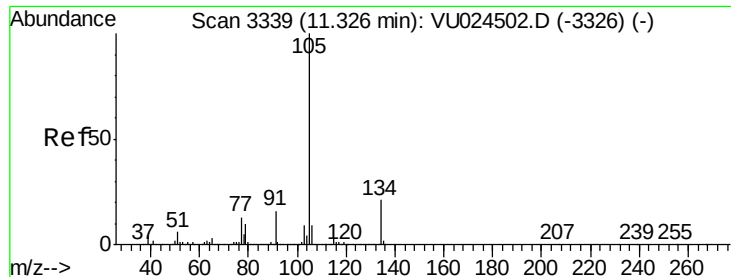
Tgt Ion:119 Resp: 596736  
 Ion Ratio Lower Upper  
 119 100  
 91 59.5 29.7 89.1  
 134 23.0 11.6 34.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 45.673 ug/l  
 RT: 11.15 min Scan# 3285  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion:105 Resp: 597354  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 45.987 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

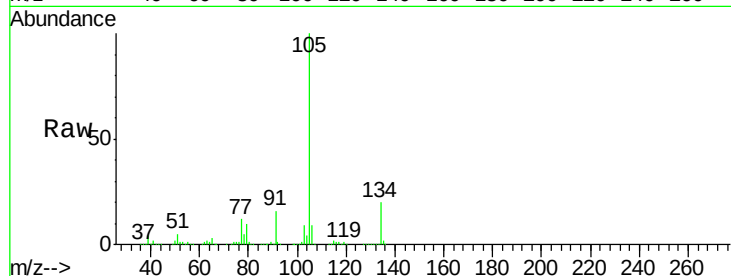
WP021SB489-21-23-180622MS

Tgt Ion:105 Resp: 710626

Ion Ratio Lower Upper

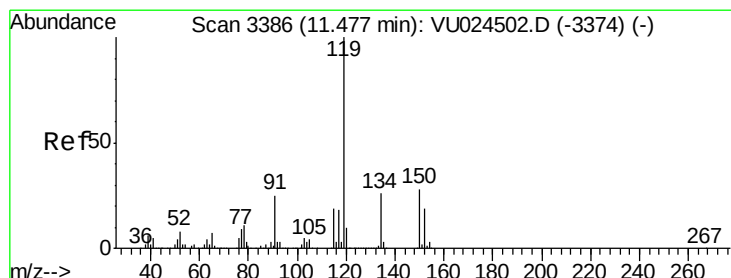
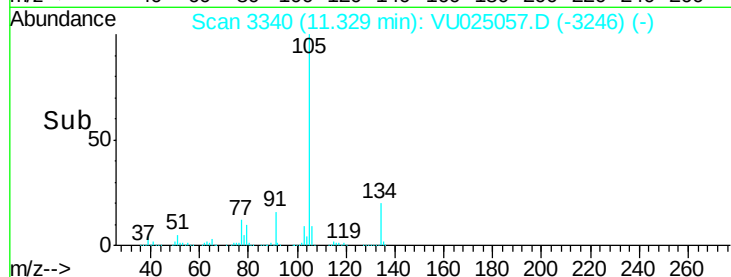
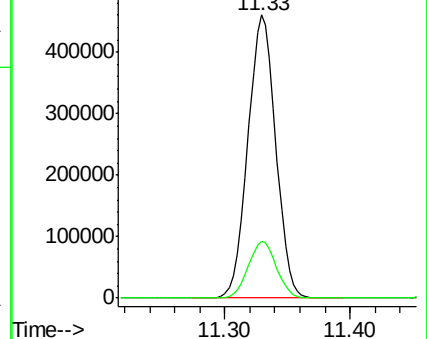
105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.256 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

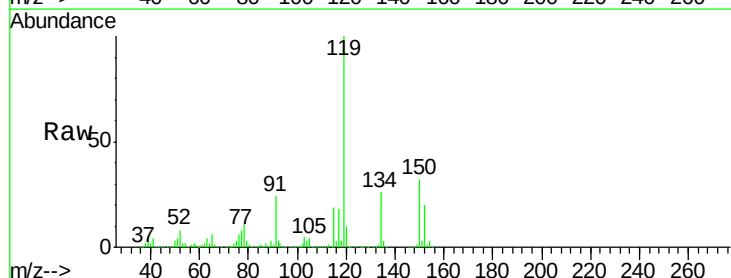
Tgt Ion:119 Resp: 612499

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

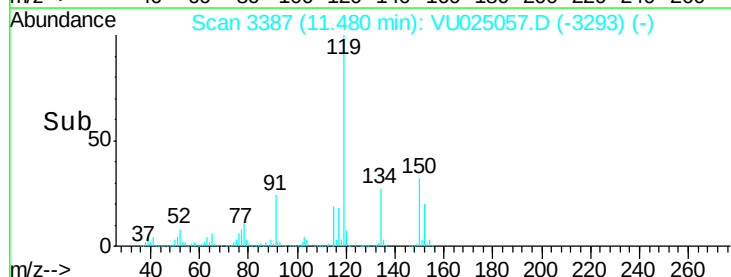
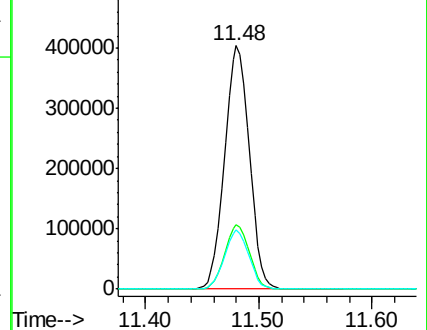
91 24.1 12.0 36.1



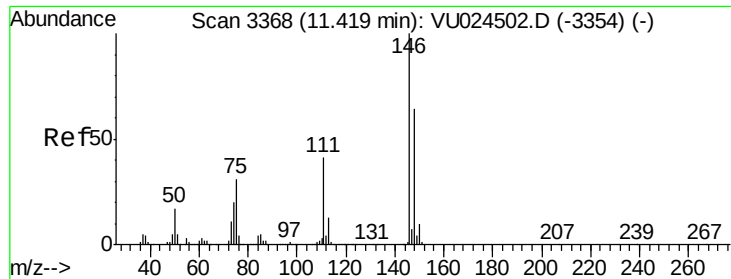
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



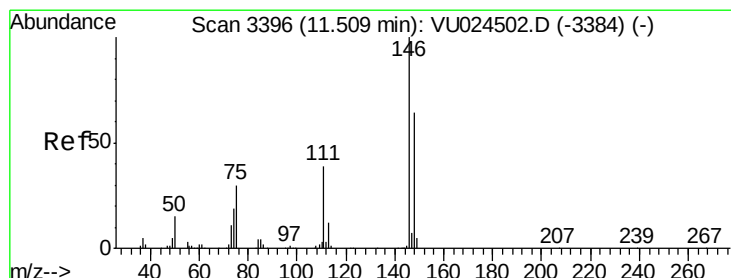
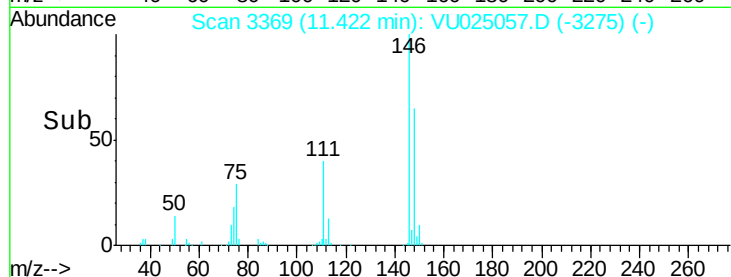
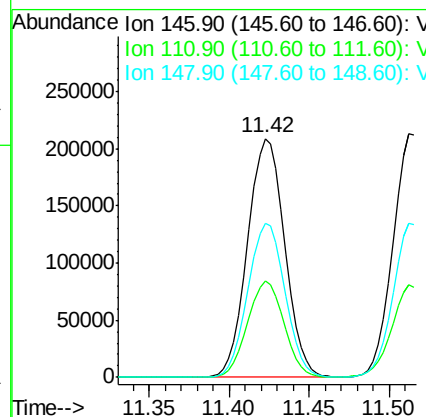
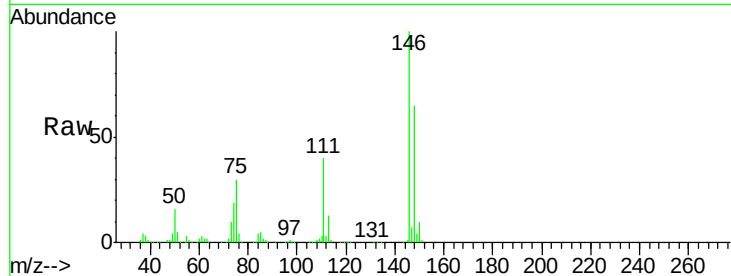




#87  
 1,3-Dichlorobenzene  
 Concen: 47.809 ug/l  
 RT: 11.42 min Scan# 3369  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

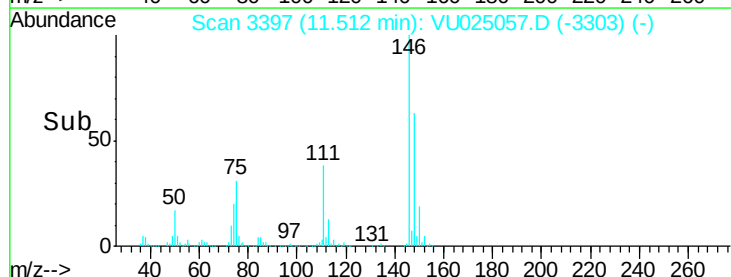
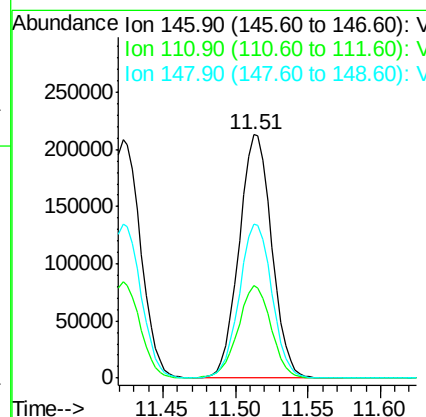
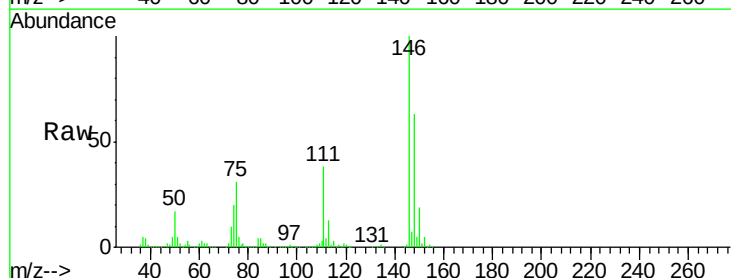
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

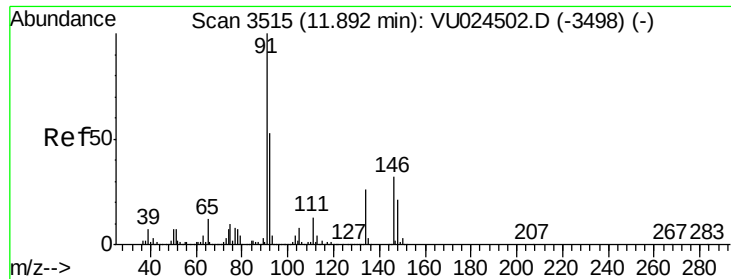
Tgt Ion:146 Resp: 331099  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 20.0 60.0  
 148 64.6 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 47.764 ug/l  
 RT: 11.51 min Scan# 3397  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion:146 Resp: 332944  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.5 58.5  
 148 63.2 32.4 97.0

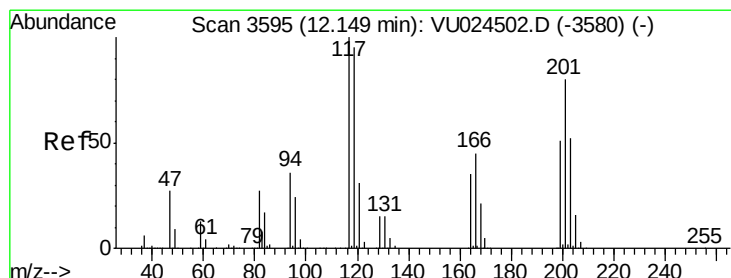
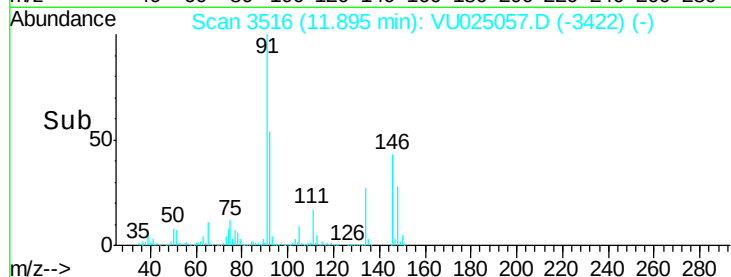
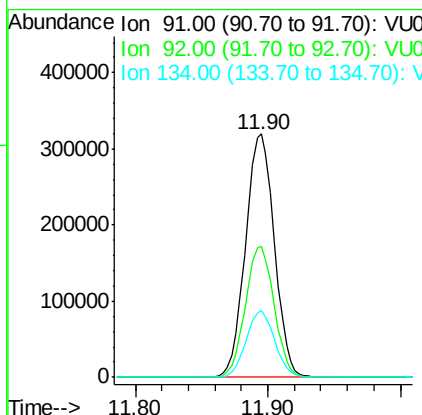
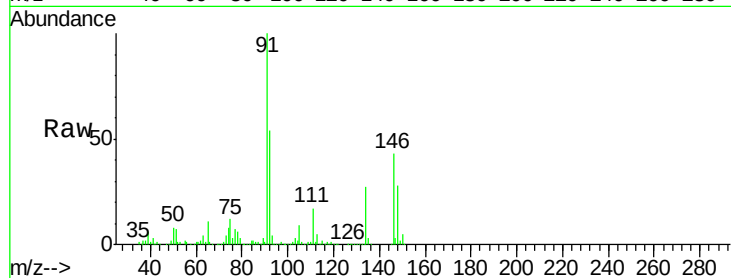




#89  
n-Butylbenzene  
Concen: 39.284 ug/l  
RT: 11.90 min Scan# 3516  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

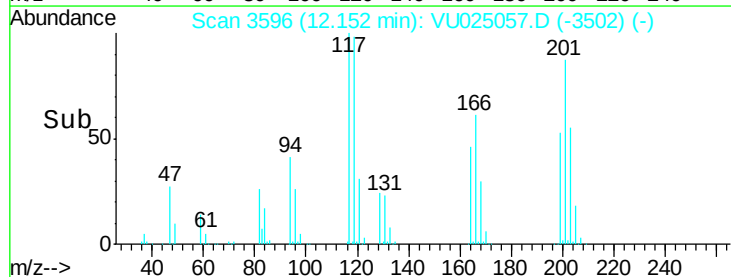
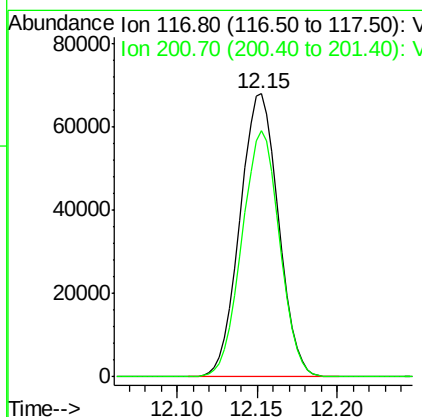
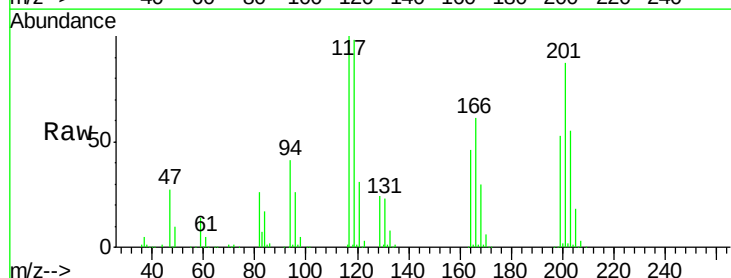
Instrument :  
MSVOA\_U  
ClientSampleId :  
WP021SB489-21-23-180622MS

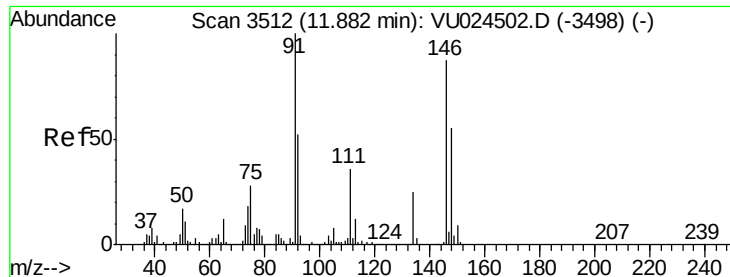
Tgt Ion: 91 Resp: 482685  
Ion Ratio Lower Upper  
91 100  
92 53.6 25.6 76.8  
134 27.1 12.3 36.8



#90  
Hexachloroethane  
Concen: 41.379 ug/l  
RT: 12.15 min Scan# 3596  
Delta R.T. 0.00 min  
Lab File: VU025057.D  
Acq: 29 Jun 2018 06:49

Tgt Ion: 117 Resp: 111717  
Ion Ratio Lower Upper  
117 100  
201 85.3 41.1 123.3

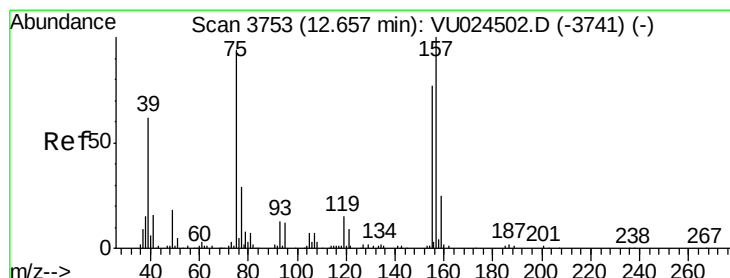
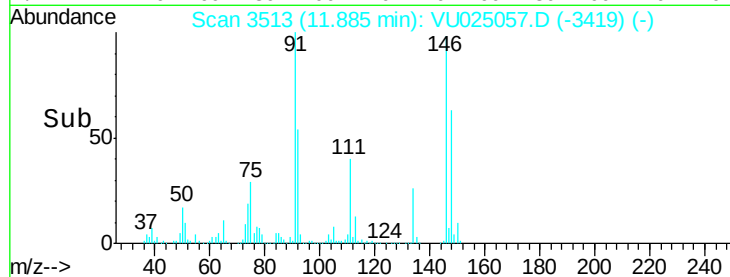
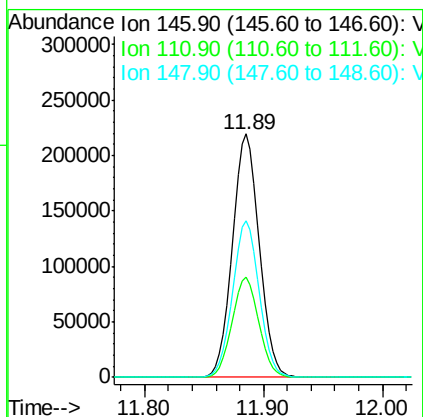
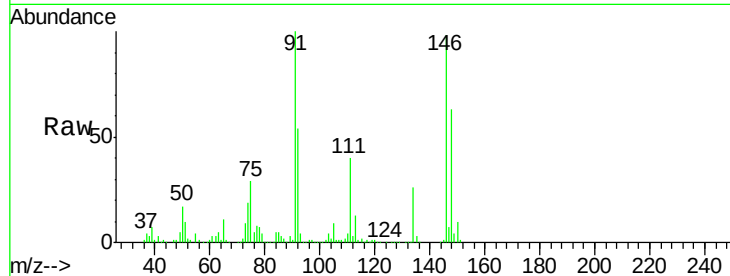




#91  
 1,2-Dichlorobenzene  
 Concen: 49.394 ug/l  
 RT: 11.89 min Scan# 3513  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

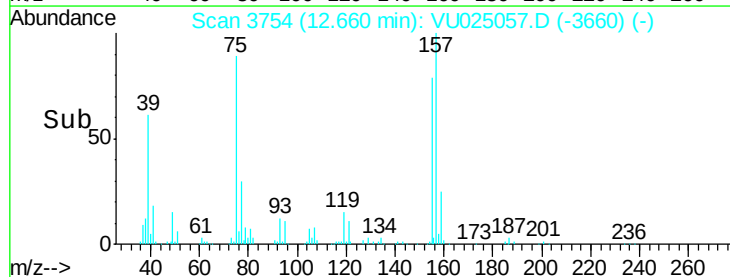
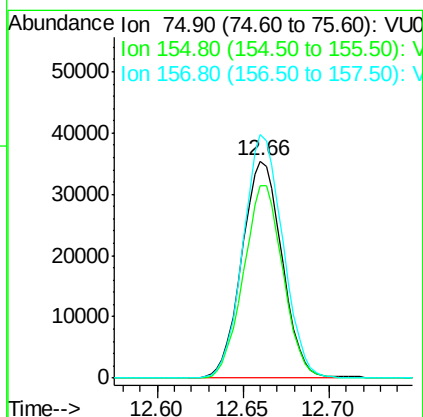
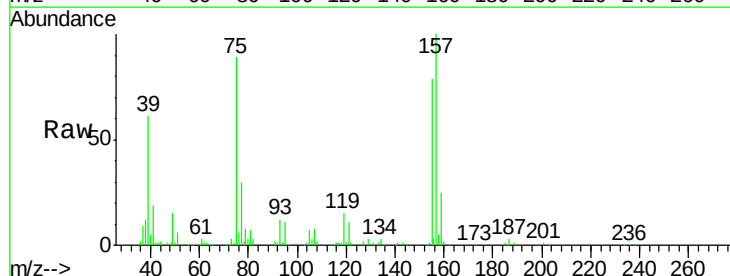
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

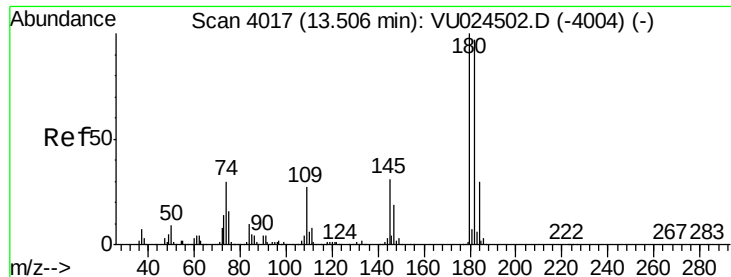
Tgt Ion: 146 Resp: 342635  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.5 61.6  
 148 63.8 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 41.976 ug/l  
 RT: 12.66 min Scan# 3754  
 Delta R.T. 0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

Tgt Ion: 75 Resp: 57470  
 Ion Ratio Lower Upper  
 75 100  
 155 87.0 40.4 121.2  
 157 110.8 52.3 156.8

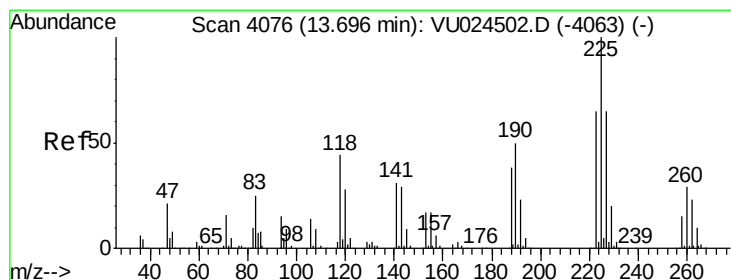
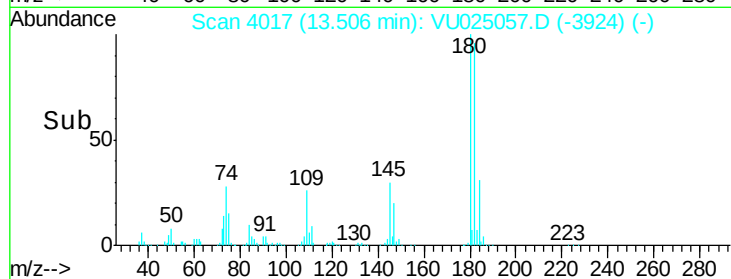
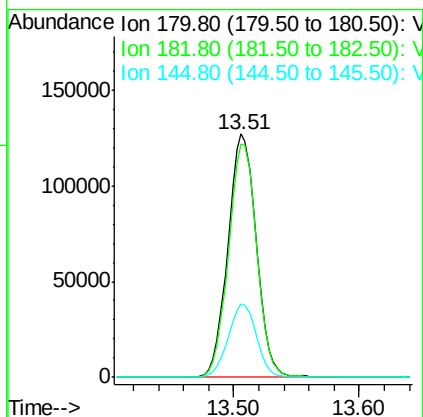
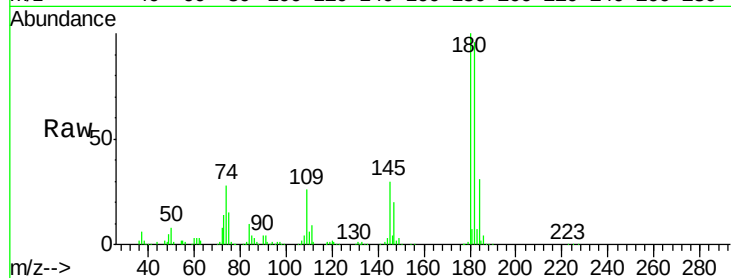




#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.525 ug/l  
 RT: 13.51 min Scan# 4017  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

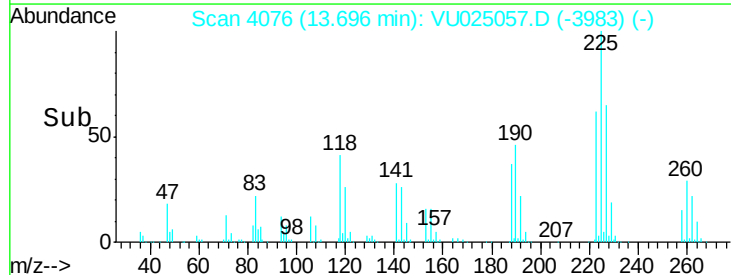
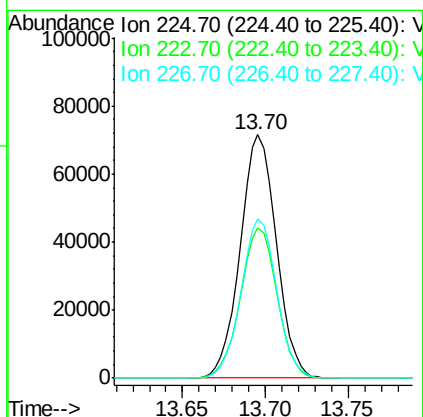
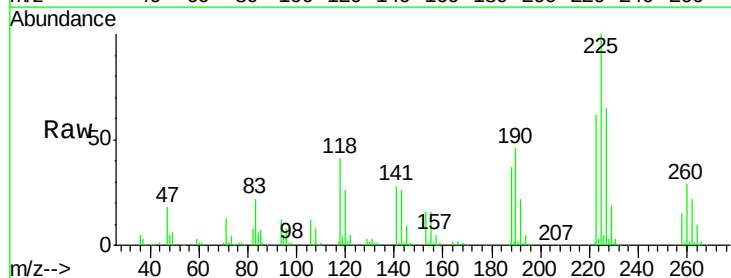
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WP021SB489-21-23-180622MS

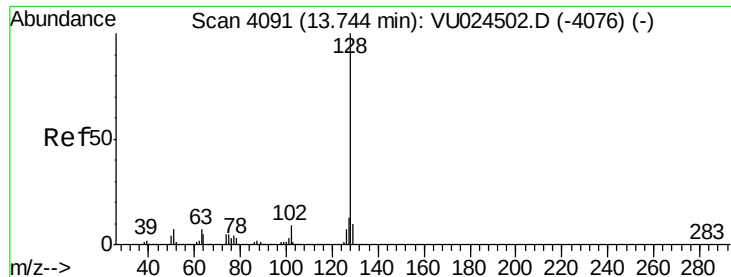
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 48.0  | 144.2 |
| 145     | 30.1  | 14.7  | 44.1  |



#94  
 Hexachlorobutadiene  
 Concen: 44.986 ug/l  
 RT: 13.70 min Scan# 4076  
 Delta R.T. -0.00 min  
 Lab File: VU025057.D  
 Acq: 29 Jun 2018 06:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.3  | 93.8  |
| 227     | 64.4  | 31.8  | 95.4  |





#95

Naphthalene

Concen: 45.773 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

Instrument :

MSVOA\_U

ClientSampleId :

WP021SB489-21-23-180622MS

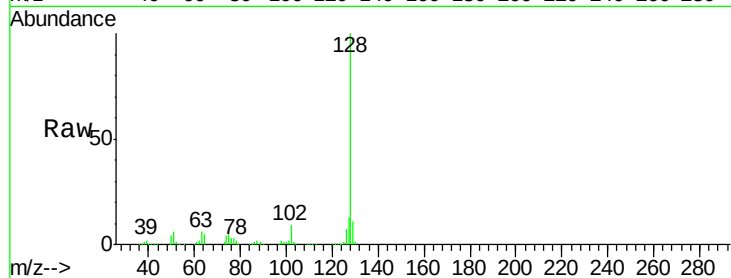
Tgt Ion:128 Resp: 648286

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

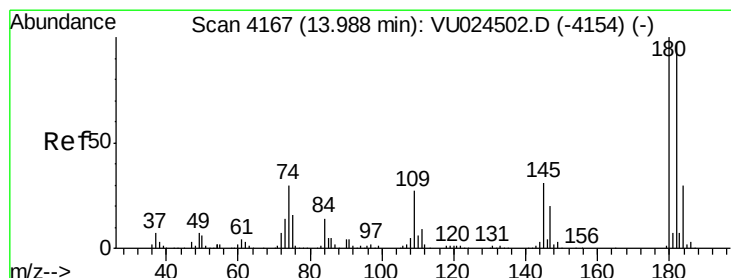
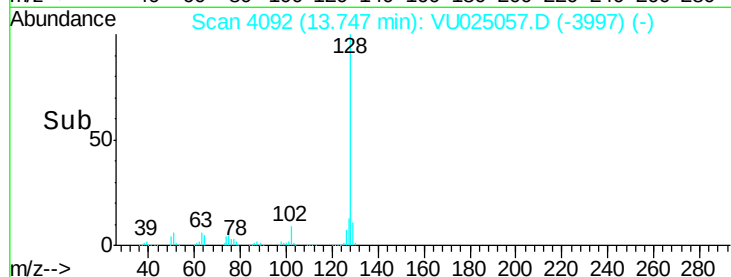
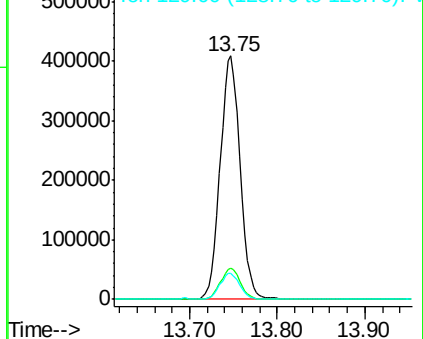
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.785 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025057.D

Acq: 29 Jun 2018 06:49

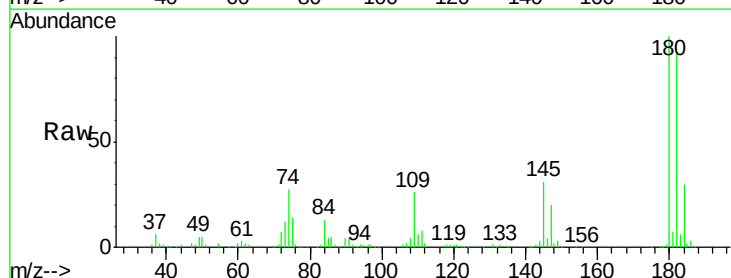
Tgt Ion:180 Resp: 208234

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 31.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

