

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU061818\  
 Data File : VU024703.D  
 Acq On : 18 Jun 2018 19:51  
 Operator : MD/SY  
 Sample : J3469-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

Quant Time: Jun 19 05:15:04 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      | 4.94  | 168  | 158      | 50.00 | ug/l  | -0.05    |
| 34) 1,4-Difluorobenzene    | 5.55  | 114  | 19       | 50.00 | ug/l  | -0.34    |
| 63) Chlorobenzene-d5       | 8.57  | 117  | 133      | 50.00 | ug/l  | -0.52    |
| 72) 1,4-Dichlorobenzene-d4 | 11.52 | 152  | 157674   | 50.00 | ug/l  | 0.04     |

## System Monitoring Compounds

|                           |        |     |          |         |          |       |
|---------------------------|--------|-----|----------|---------|----------|-------|
| 33) 1,2-Dichloroethane-d4 | 5.27   | 65  | 250      | 96.92   | ug/l     | -0.04 |
| Spiked Amount             | 50.000 |     | Recovery | =       | 193.84%  |       |
| 35) Dibromofluoromethane  | 4.62   | 113 | 165      | 1046.39 | ug/l     | -0.27 |
| Spiked Amount             | 50.000 |     | Recovery | =       | 2092.78% |       |
| 50) Toluene-d8            | 7.19   | 98  | 20       | 34.77   | ug/l     | -0.38 |
| Spiked Amount             | 50.000 |     | Recovery | =       | 69.54%   |       |
| 62) 4-Bromofluorobenzene  | 9.71   | 95  | 77       | 337.18  | ug/l     | -0.60 |
| Spiked Amount             | 50.000 |     | Recovery | =       | 674.36%  |       |

## Target Compounds

|                               |      |     |        |            |        | Qvalue |
|-------------------------------|------|-----|--------|------------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.48 | 85  | 199    | 100.624    | ug/l # | 43     |
| 3) Chloromethane              | 1.43 | 50  | 103    | 50.978     | ug/l # | 42     |
| 4) Vinyl Chloride             | 1.34 | 62  | 44     | 21.116     | ug/l # | 44     |
| 5) Bromomethane               | 1.61 | 94  | 87     | 86.371     | ug/l # | 3      |
| 6) Chloroethane               | 1.60 | 64  | 786    | 688.518    | ug/l # | 68     |
| 7) Trichlorofluoromethane     | 2.04 | 101 | 67     | 21.070     | ug/l # | 42     |
| 8) Diethyl Ether              | 2.10 | 74  | 80     | 74.862     | ug/l # | 1      |
| 9) 1,1,2-Trichlorotrifluoroet | 2.16 | 101 | 19     | 9.631      | ug/l # | 1      |
| 10) Methyl Iodide             | 2.28 | 142 | 20     | 16.001     | ug/l # | 1      |
| 11) Tert butyl alcohol        | 2.87 | 59  | 28089  | 44775.546  | ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 106    | 58.919     | ug/l # | 86     |
| 13) Acrolein                  | 2.16 | 56  | 190    | 576.759    | ug/l # | 50     |
| 14) Allyl chloride            | 2.63 | 41  | 2167   | 648.727    | ug/l # | 47     |
| 15) Acrylonitrile             | 2.82 | 53  | 3115   | 2552.146   | ug/l # | 20     |
| 16) Acetone                   | 2.40 | 43  | 105550 | 76159.883  | ug/l # | 45     |
| 17) Carbon Disulfide          | 2.49 | 76  | 108    | 18.748     | ug/l # | 1      |
| 18) Methyl Acetate            | 2.48 | 43  | 549685 | 185011.321 | ug/l # | 53     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 186    | 27.504     | ug/l # | 1      |
| 20) Methylene Chloride        | 2.69 | 84  | 71     | 32.650     | ug/l # | 54     |
| 21) trans-1,2-Dichloroethene  | 2.96 | 96  | 213    | 107.495    | ug/l # | 76     |
| 22) Diisopropyl ether         | 3.39 | 45  | 172715 | 26082.804  | ug/l # | 70     |
| 23) Vinyl Acetate             | 3.39 | 43  | 104844 | 17675.027  | ug/l # | 85     |
| 24) 1,1-Dichloroethane        | 3.38 | 63  | 2252   | 591.181    | ug/l # | 23     |
| 25) 2-Butanone                | 4.25 | 43  | 3627   | 1948.348   | ug/l # | 54     |
| 26) 2,2-Dichloropropane       | 4.15 | 77  | 179    | 49.487     | ug/l   | 91     |
| 27) cis-1,2-Dichloroethene    | 4.14 | 96  | 117    | 51.360     | ug/l   | 67     |
| 28) Bromochloromethane        | 4.51 | 49  | 148    | 88.206     | ug/l # | 1      |
| 29) Tetrahydrofuran           | 4.78 | 42  | 116067 | 100681.453 | ug/l # | 1      |
| 30) Chloroform                | 4.91 | 83  | 100    | 25.936     | ug/l   | 87     |
| 31) Cyclohexane               | 4.95 | 56  | 203    | 60.421     | ug/l # | 31     |
| 32) 1,1,1-Trichloroethane     | 4.87 | 97  | 116    | 32.535     | ug/l # | 23     |
| 36) 1,1-Dichloropropene       | 5.08 | 75  | 430    | 1925.966   | ug/l   | 82     |
| 37) Ethyl Acetate             | 4.12 | 43  | 2437   | 10014.678  | ug/l # | 81     |
| 38) Carbon Tetrachloride      | 4.84 | 117 | 73     | 297.333    | ug/l # | 28     |

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 Operator : MD/SY  
 Sample : J3469-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

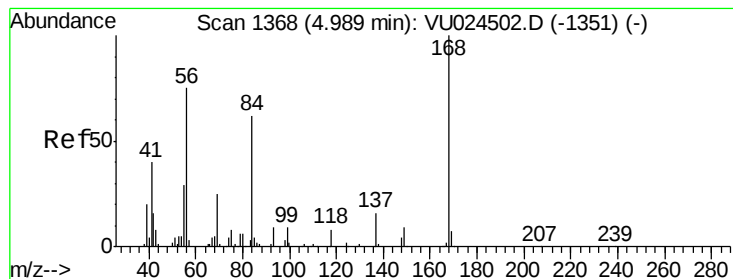
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

Quant Time: Jun 19 05:15:04 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          | 6.05  | 83   | 169      | 606.568      | ug/l # | 19       |
| 40) Benzene                    | 5.10  | 78   | 200      | 314.375      | ug/l # | 1        |
| 41) Methacrylonitrile          | 4.27  | 41   | 192      | 1463.399     | ug/l # | 2        |
| 42) 1,2-Dichloroethane         | 5.27  | 62   | 81540    | 336527.178   | ug/l   | 77       |
| 43) Isopropyl Acetate          | 5.27  | 43   | 209109   | 497134.567   | ug/l # | 86       |
| 44) Trichloroethene            | 5.86  | 130  | 48       | 265.111      | ug/l   | 44       |
| 45) 1,2-Dichloropropane        | 6.19  | 63   | 10898    | 64200.810    | ug/l # | 44       |
| 46) Dibromomethane             | 6.18  | 93   | 204      | 1710.933     | ug/l # | 4        |
| 47) Bromodichloromethane       | 6.36  | 83   | 3781     | 15924.832    | ug/l # | 26       |
| 48) Methyl methacrylate        | 6.19  | 41   | 294029   | 1435542.579  | ug/l # | 13       |
| 49) 1,4-Dioxane                | 6.36  | 88   | 43899    | 10959595.137 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 7.06  | 43   | 1454610  | 5504458.270  | ug/l # | 37       |
| 53) t-1,3-Dichloropropene      | 7.43  | 75   | 42       | 157.520      | ug/l # | 47       |
| 54) cis-1,3-Dichloropropene    | 6.85  | 75   | 124      | 436.446      | ug/l # | 53       |
| 55) 1,1,2-Trichloroethane      | 7.82  | 97   | 11722    | 70455.458    | ug/l # | 1        |
| 56) Ethyl methacrylate         | 7.75  | 69   | 362711   | 1302526.912  | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 7.88  | 76   | 3766     | 13418.362    | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 6.72  | 63   | 94       | 881.118      | ug/l # | 50       |
| 59) 2-Hexanone                 | 7.72  | 43   | 141227   | 654606.242   | ug/l # | 56       |
| 60) Dibromochloromethane       | 8.16  | 129  | 23       | 110.860      | ug/l # | 11       |
| 61) 1,2-Dibromoethane          | 8.22  | 107  | 42       | 226.807      | ug/l # | 3        |
| 64) Tetrachloroethene          | 8.41  | 164  | 325      | 257.076      | ug/l # | 65       |
| 65) Chlorobenzene              | 9.17  | 112  | 40       | 11.773       | ug/l # | 43       |
| 66) 1,1,1,2-Tetrachloroethane  | 8.95  | 131  | 21       | 16.268       | ug/l # | 8        |
| 67) Ethyl Benzene              | 9.36  | 91   | 114898   | 19289.952    | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.36  | 106  | 35642    | 15582.957    | ug/l # | 26       |
| 69) o-Xylene                   | 9.86  | 106  | 79960    | 35324.223    | ug/l   | 93       |
| 70) Styrene                    | 9.86  | 104  | 4624     | 1243.056     | ug/l # | 1        |
| 73) Isopropylbenzene           | 10.23 | 105  | 3630     | 0.300        | ug/l # | 72       |
| 74) N-amyl acetate             | 9.99  | 43   | 99860    | 17.343       | ug/l # | 44       |
| 76) 1,2,3-Trichloropropane     | 10.37 | 75   | 85885    | 24.741       | ug/l # | 36       |
| 78) n-propylbenzene            | 10.64 | 91   | 5504     | 0.386        | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 5504     | 0.654        | ug/l # | 41       |
| 80) 1,3,5-Trimethylbenzene     | 10.74 | 105  | 21161    | 2.017        | ug/l   | 74       |
| 81) trans-1,4-Dichloro-2-buten | 10.37 | 75   | 85885    | 57.260       | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.74 | 91   | 2827     | 0.289        | ug/l # | 45       |
| 83) tert-Butylbenzene          | 11.19 | 119  | 5365     | 0.532        | ug/l # | 44       |
| 84) 1,2,4-Trimethylbenzene     | 11.19 | 105  | 48676    | 4.552        | ug/l   | 88       |
| 86) p-Isopropyltoluene         | 11.51 | 119  | 59413    | 5.251        | ug/l   | 98       |
| 89) n-Butylbenzene             | 11.91 | 91   | 5699     | 0.567        | ug/l # | 27       |
| 90) Hexachloroethane           | 12.17 | 117  | 1349     | 0.611        | ug/l # | 8        |
| 92) 1,2-Dibromo-3-Chloropropan | 12.63 | 75   | 324      | 0.289        | ug/l # | 3        |
| 95) Naphthalene                | 13.75 | 128  | 394521   | 34.246       | ug/l   | 99       |
| -----                          |       |      |          |              |        |          |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.94 min Scan# 1354

Delta R.T. -0.05 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

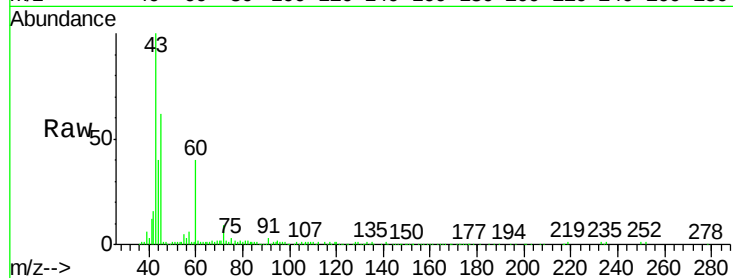
OILY-WATER

Tgt Ion:168 Resp: 158

Ion Ratio Lower Upper

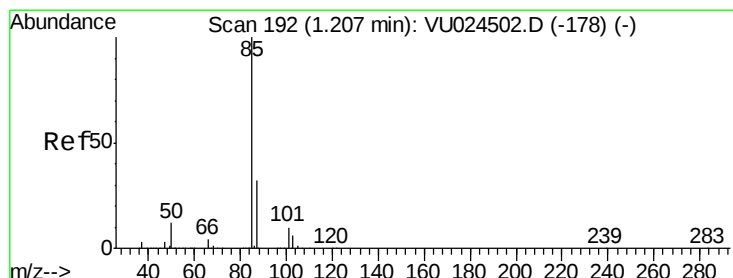
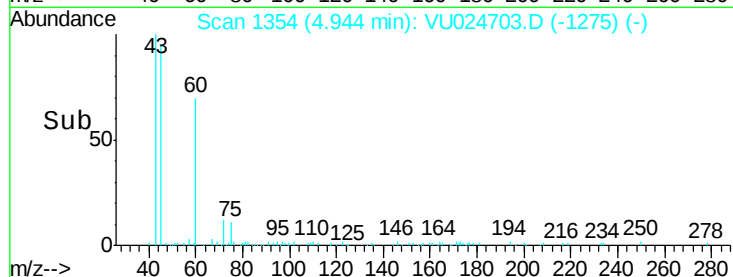
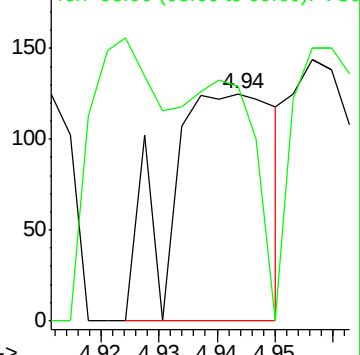
168 100

99 103.2 43.2 64.8#



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

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



#2

Dichlorodifluoromethane

Concen: 100.624 ug/l

RT: 1.48 min Scan# 276

Delta R.T. 0.27 min

Lab File: VU024703.D

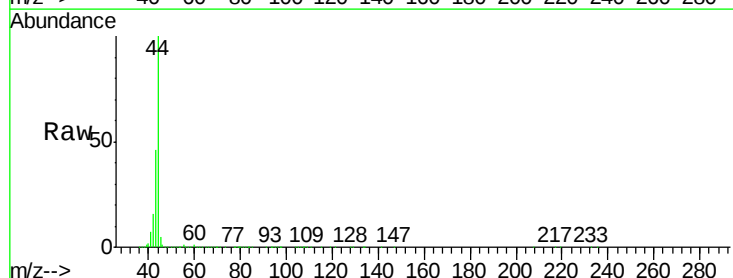
Acq: 18 Jun 2018 19:51

Tgt Ion: 85 Resp: 199

Ion Ratio Lower Upper

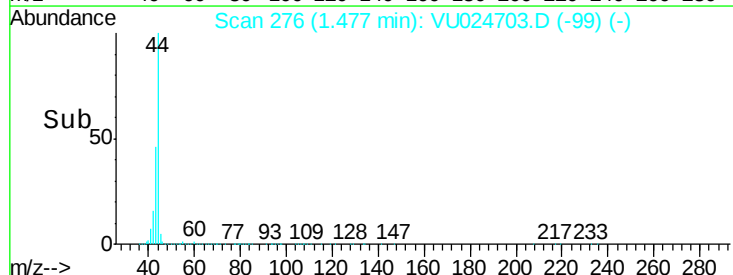
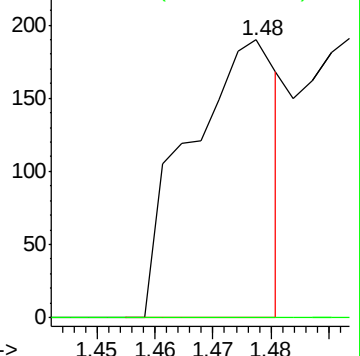
85 100

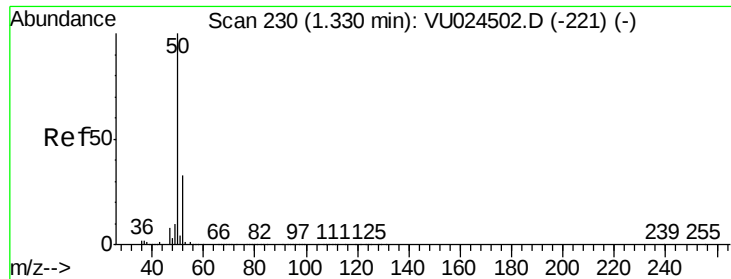
87 0.0 16.1 48.2#



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 50.978 ug/l

RT: 1.43 min Scan# 260

Delta R.T. 0.10 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

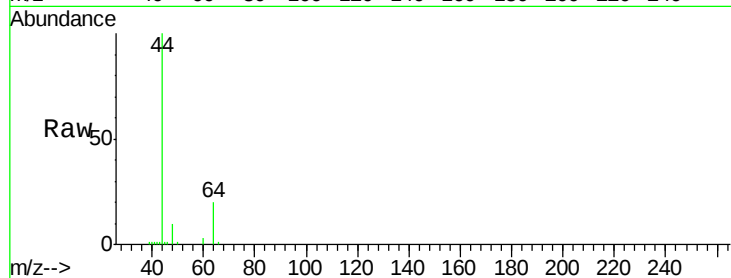
OILY-WATER

Tgt Ion: 50 Resp: 103

Ion Ratio Lower Upper

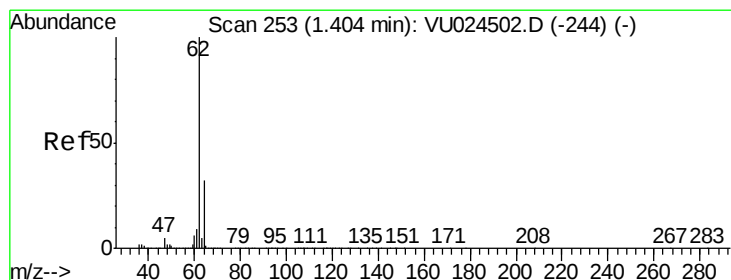
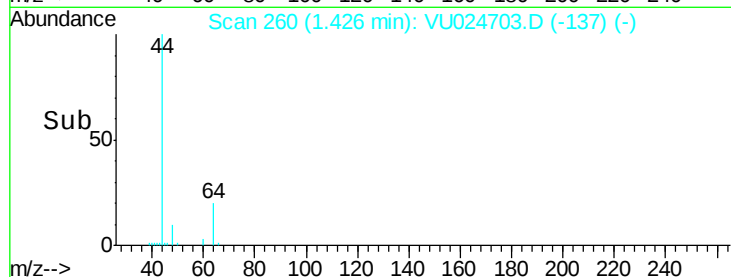
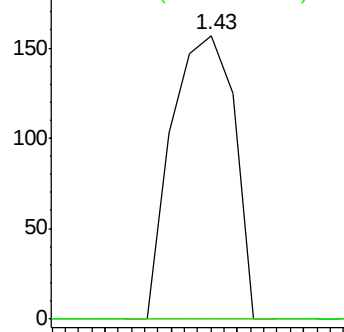
50 100

52 0.0 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: 21.116 ug/l

RT: 1.34 min Scan# 232

Delta R.T. -0.07 min

Lab File: VU024703.D

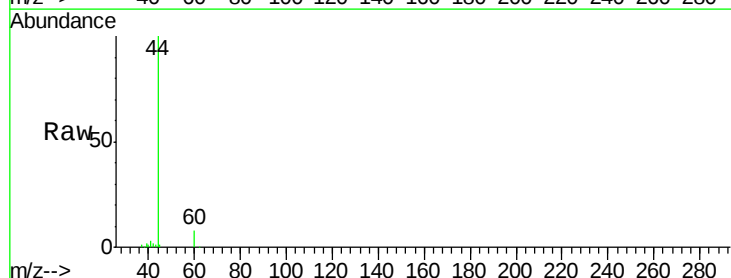
Acq: 18 Jun 2018 19:51

Tgt Ion: 62 Resp: 44

Ion Ratio Lower Upper

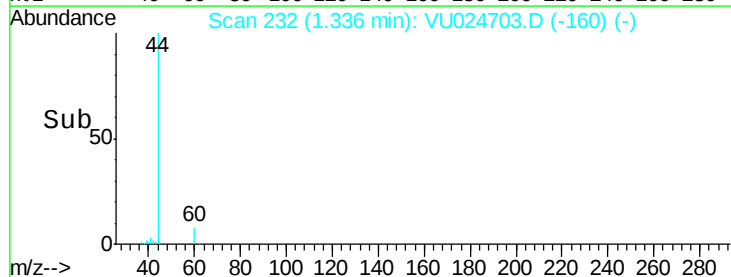
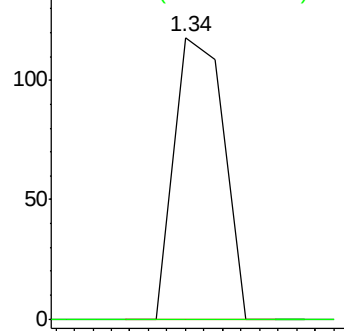
62 100

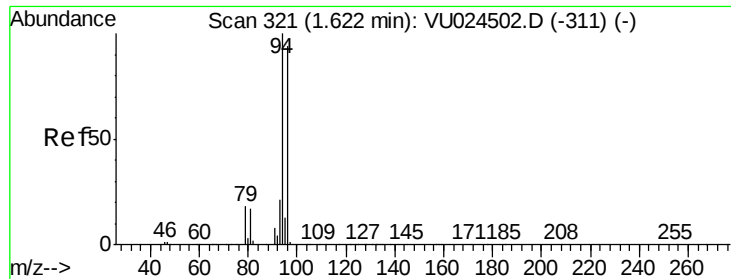
64 0.0 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 86.371 ug/l

RT: 1.61 min Scan# 316

Delta R.T. -0.02 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

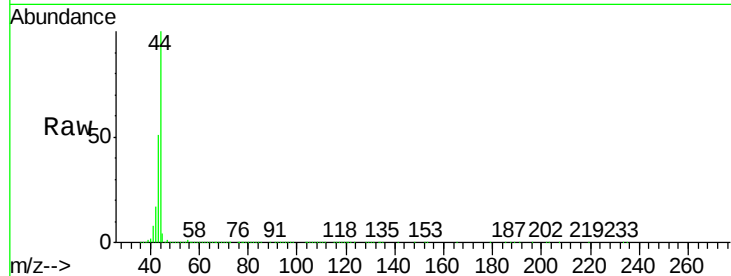
OILY-WATER

Tgt Ion: 94 Resp: 87

Ion Ratio Lower Upper

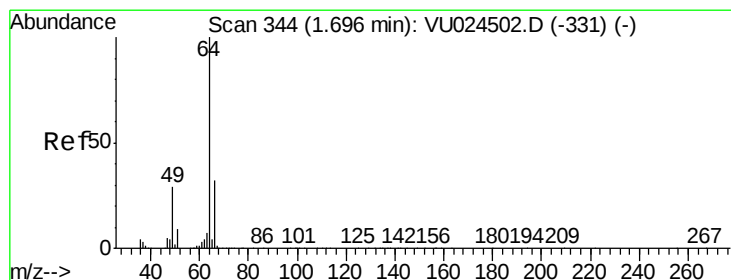
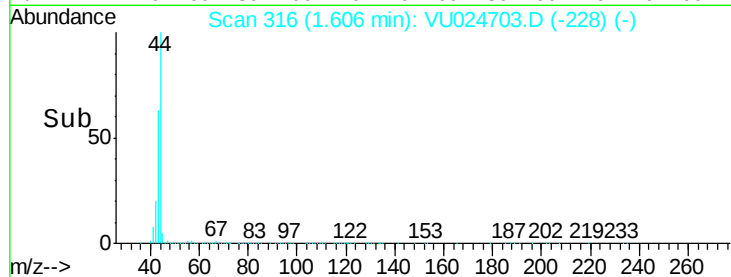
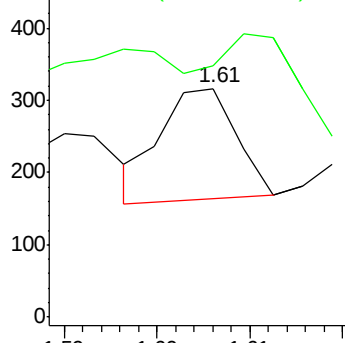
94 100

96 0.0 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: 688.518 ug/l

RT: 1.60 min Scan# 313

Delta R.T. -0.10 min

Lab File: VU024703.D

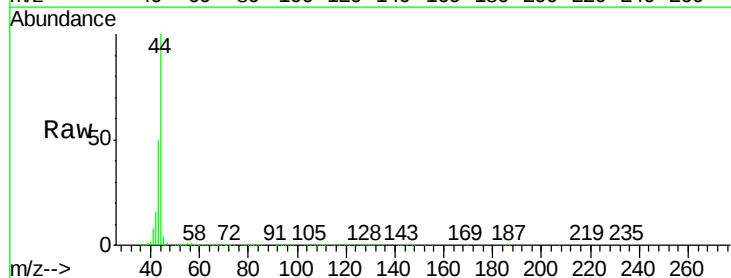
Acq: 18 Jun 2018 19:51

Tgt Ion: 64 Resp: 786

Ion Ratio Lower Upper

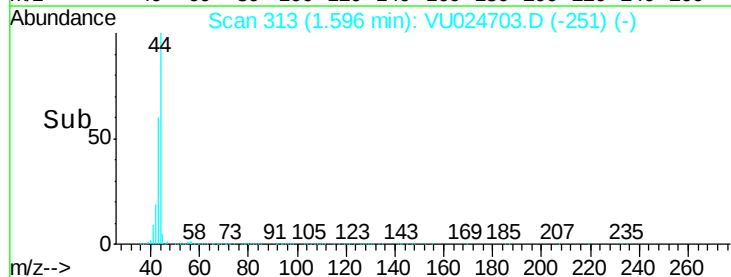
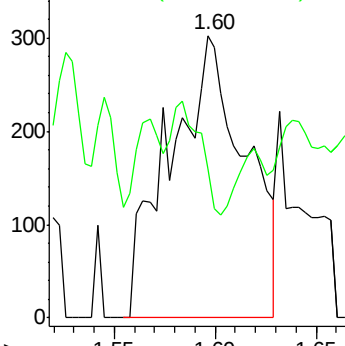
64 100

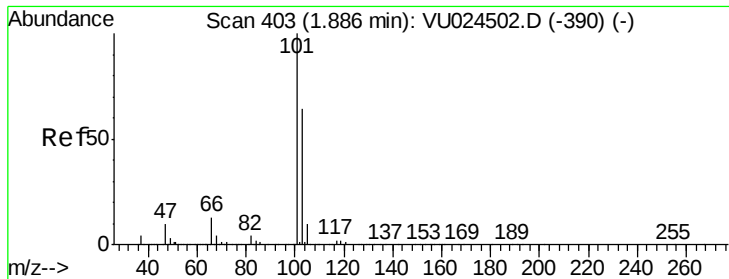
66 13.9 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



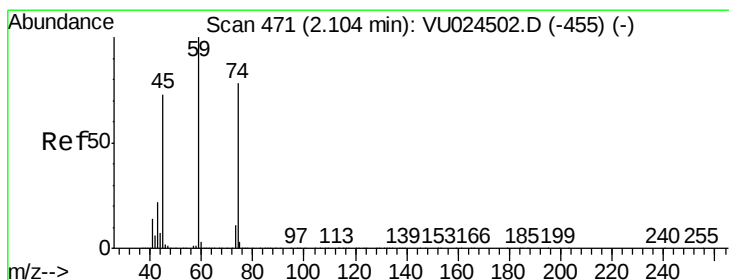
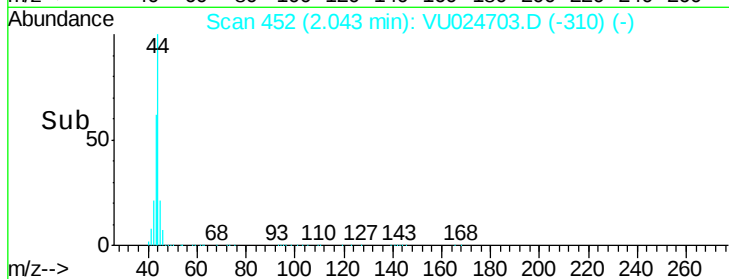
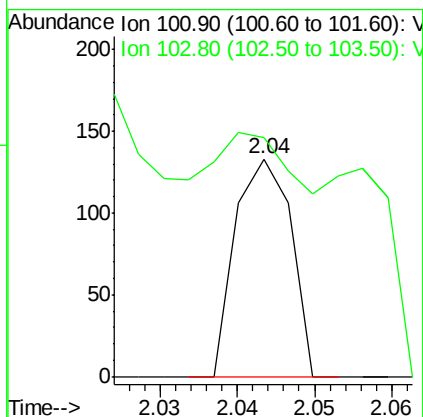
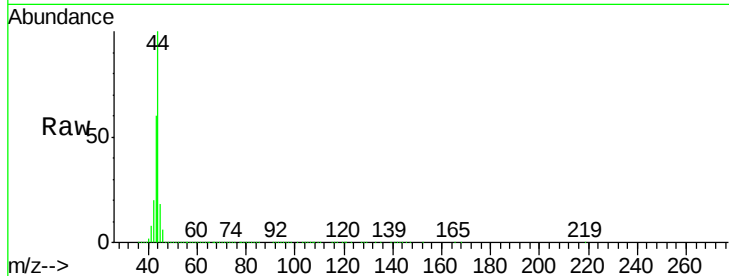


#7

Trichlorofluoromethane  
Concen: 21.070 ug/l  
RT: 2.04 min Scan# 452  
Delta R.T. 0.16 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

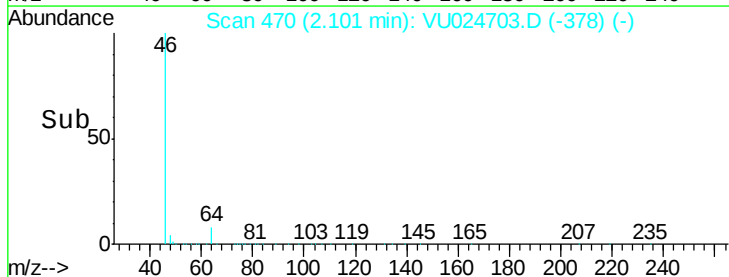
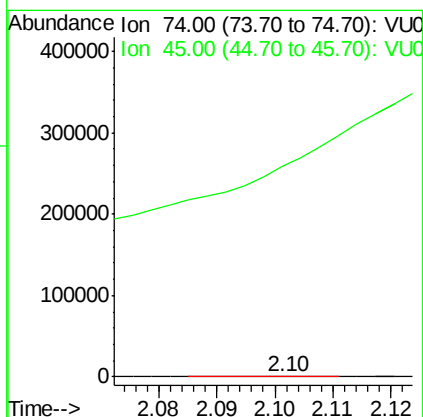
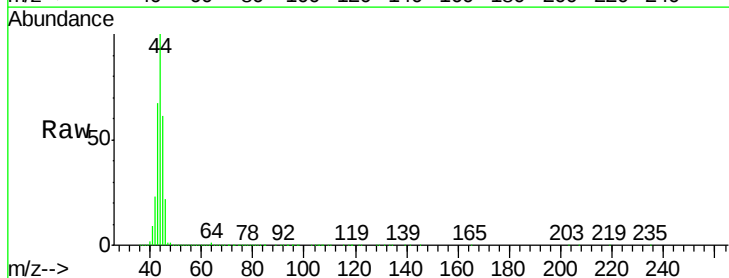
Tgt Ion:101 Resp: 67  
Ion Ratio Lower Upper  
101 100  
103 19.5 52.3 78.5#

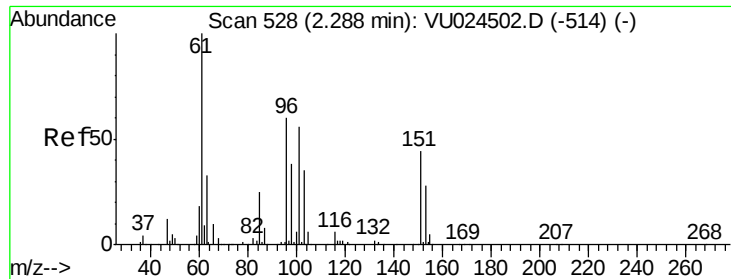


#8

Diethyl Ether  
Concen: 74.862 ug/l  
RT: 2.10 min Scan# 470  
Delta R.T. -0.00 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 74 Resp: 80  
Ion Ratio Lower Upper  
74 100  
45 0.0 55.0 165.0#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.631 ug/l

RT: 2.16 min Scan# 488

Delta R.T. -0.13 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

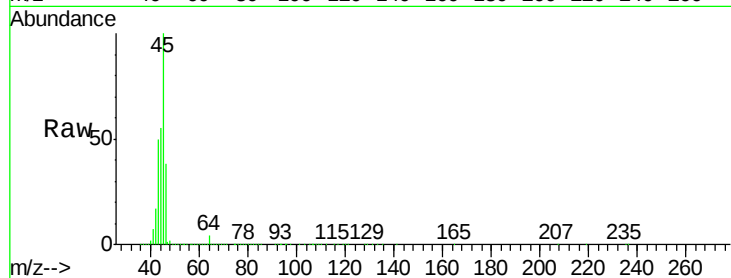
Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

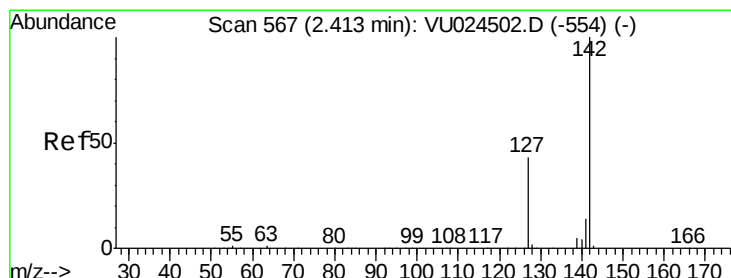
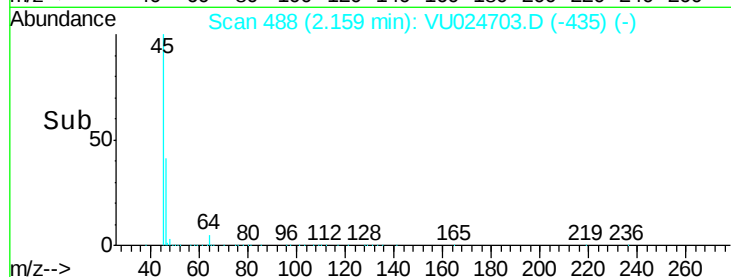
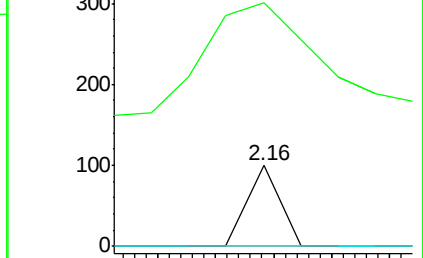
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 19    |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 668.4 | 36.0  | 54.0# |
| 151      | 0.0   | 62.3  | 93.5# |



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: 16.001 ug/l

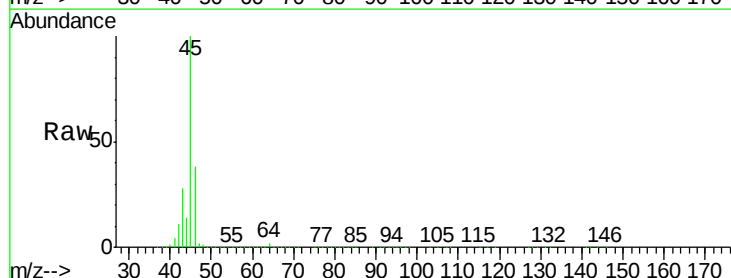
RT: 2.28 min Scan# 525

Delta R.T. -0.13 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

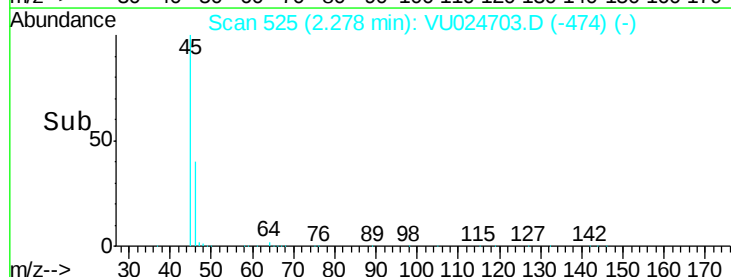
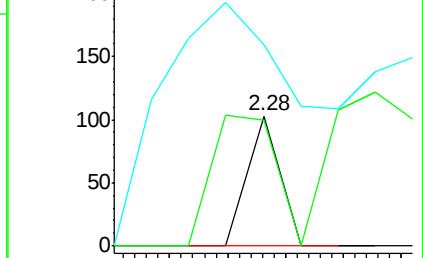
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 20    |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 195.0 | 35.6  | 53.4# |
| 141      | 820.0 | 11.7  | 17.5# |

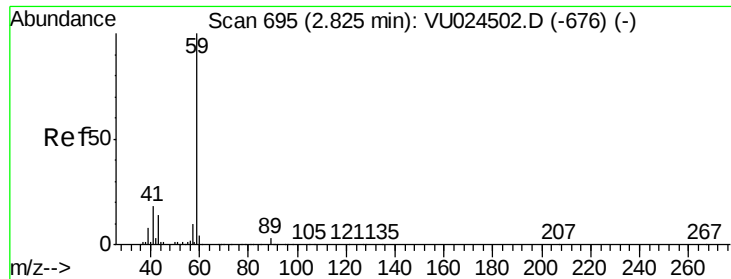


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



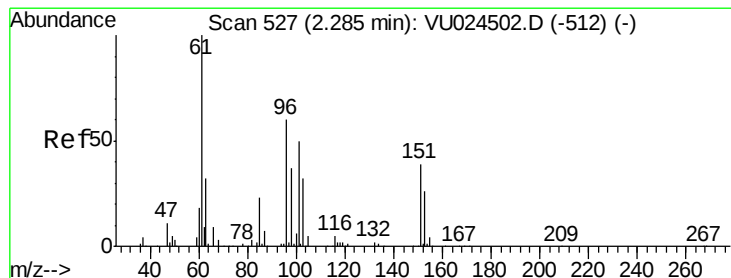
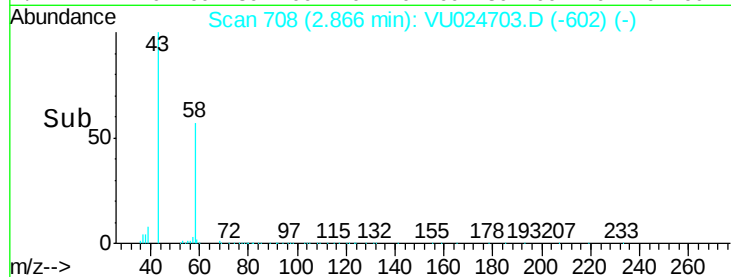
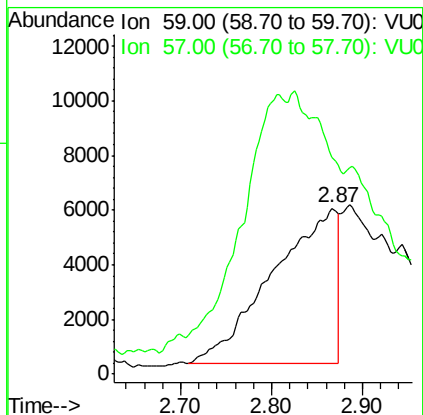
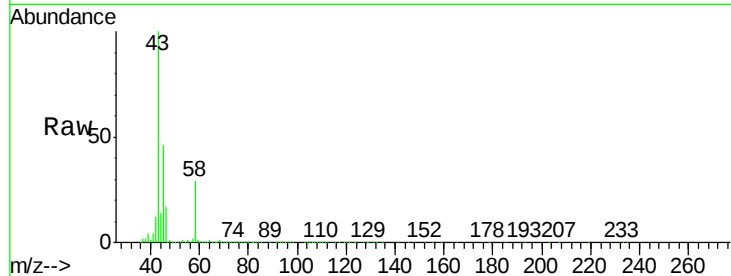


#11

Tert butyl alcohol  
Concen: 44775.546 ug/l  
RT: 2.87 min Scan# 708  
Delta R.T. 0.04 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

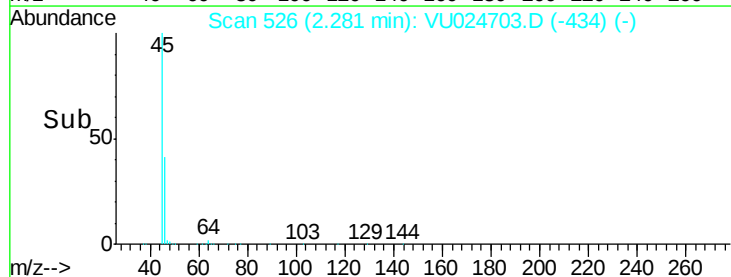
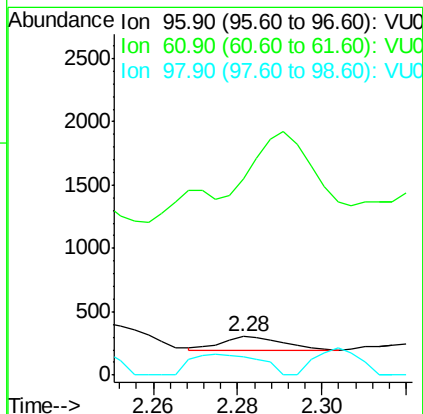
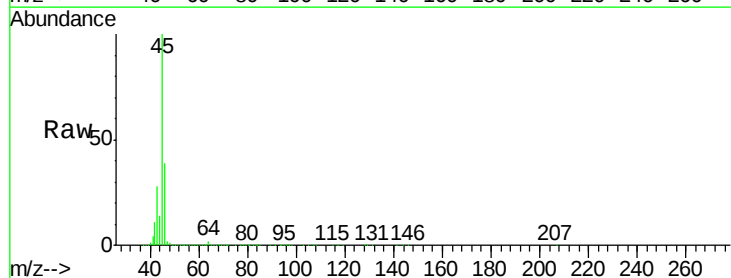
Tgt Ion: 59 Resp: 28089  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.5 12.7#

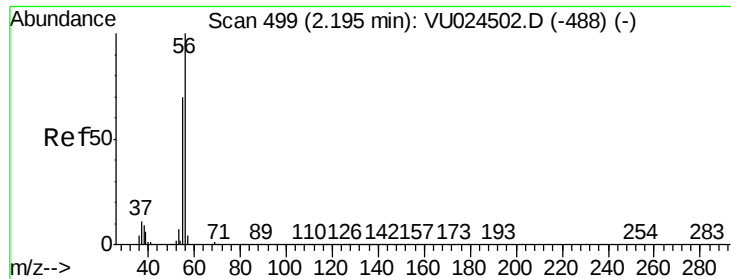


#12

1,1-Dichloroethene  
Concen: 58.919 ug/l  
RT: 2.28 min Scan# 526  
Delta R.T. -0.00 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 96 Resp: 106  
Ion Ratio Lower Upper  
96 100  
61 176.0 141.7 212.5  
98 25.0 51.6 77.4#

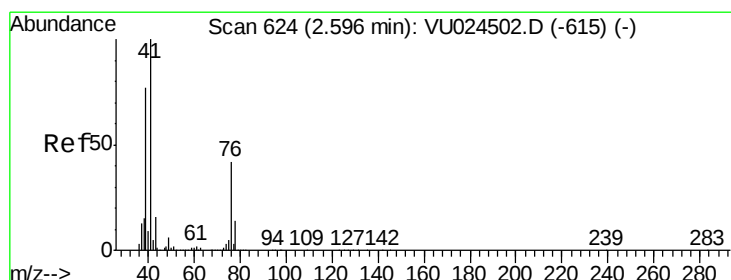
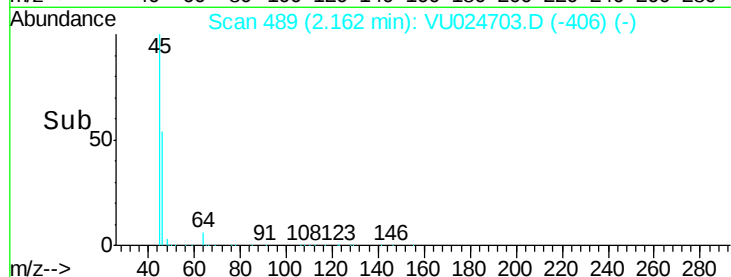
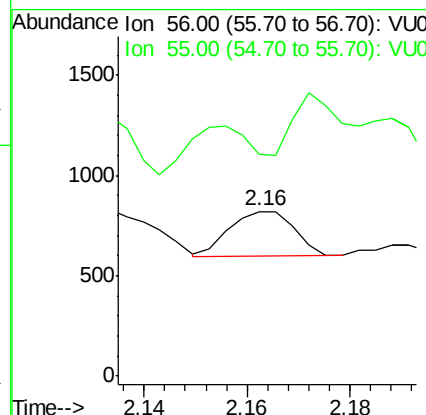
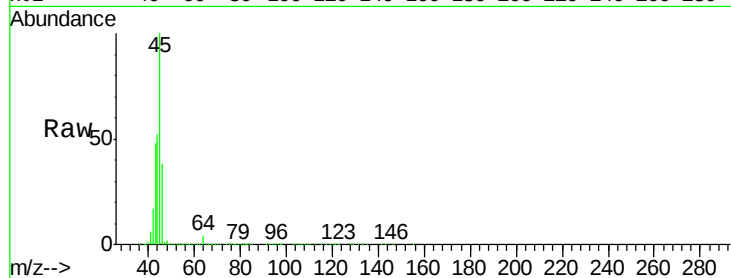




#13  
 Acrolein  
 Concen: 576.759 ug/l  
 RT: 2.16 min Scan# 489  
 Delta R.T. -0.03 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

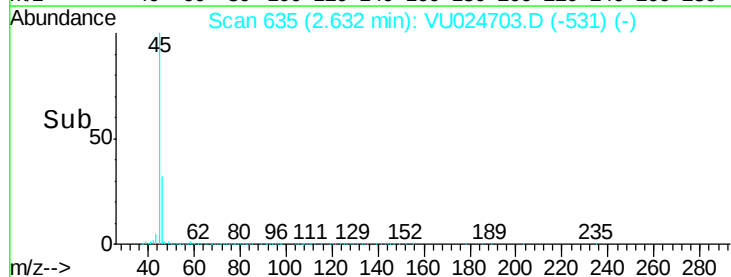
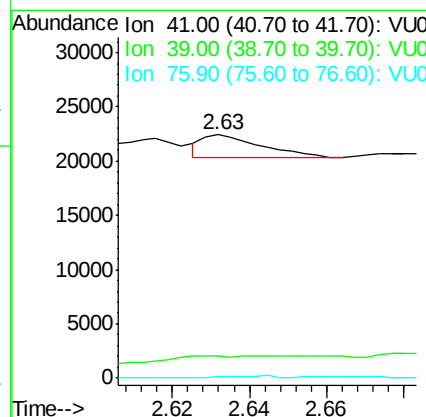
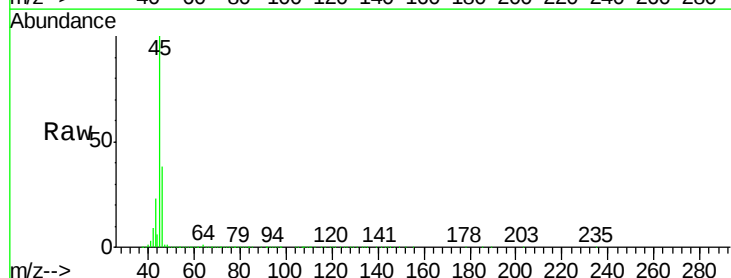
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

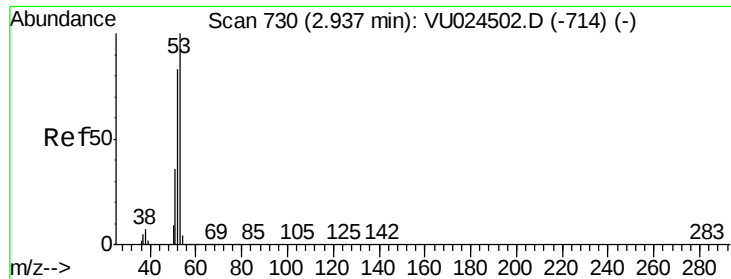
Tgt Ion: 56 Resp: 190  
 Ion Ratio Lower Upper  
 56 100  
 55 115.3 58.4 87.6#



#14  
 Allyl chloride  
 Concen: 648.727 ug/l  
 RT: 2.63 min Scan# 635  
 Delta R.T. 0.04 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 41 Resp: 2167  
 Ion Ratio Lower Upper  
 41 100  
 39 29.7 61.6 92.4#  
 76 6.7 29.7 44.5#





#15

Acrylonitrile

Concen: 2552.146 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.11 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

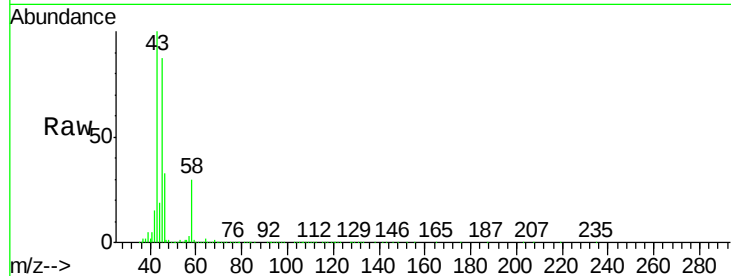
Tgt Ion: 53 Resp: 3115

Ion Ratio Lower Upper

53 100

52 0.0 67.1 100.7#

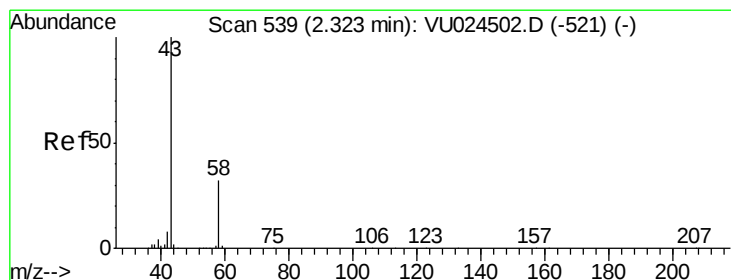
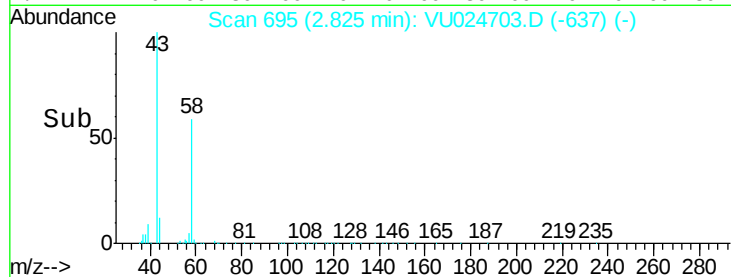
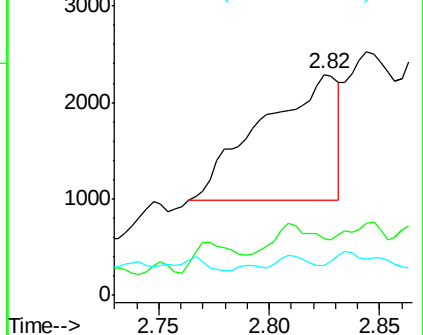
51 6.2 28.4 42.6#



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: 76159.883 ug/l

RT: 2.40 min Scan# 563

Delta R.T. 0.08 min

Lab File: VU024703.D

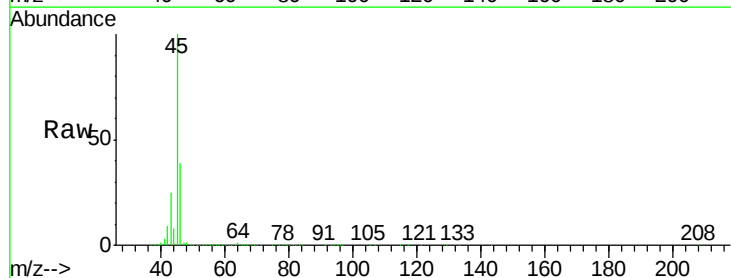
Acq: 18 Jun 2018 19:51

Tgt Ion: 43 Resp: 105550

Ion Ratio Lower Upper

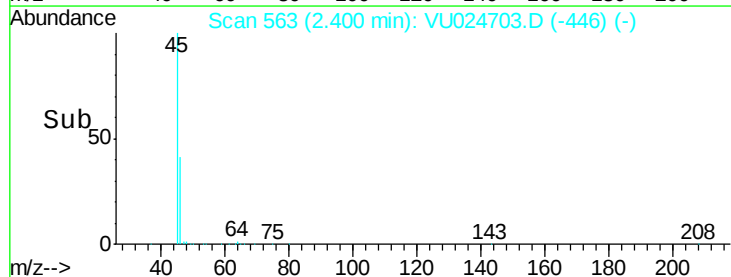
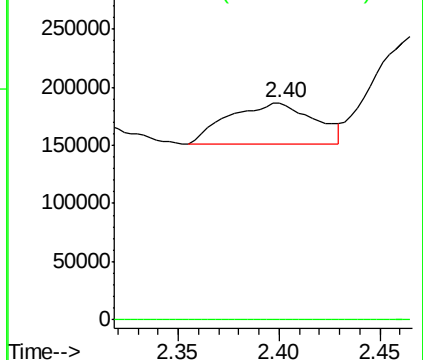
43 100

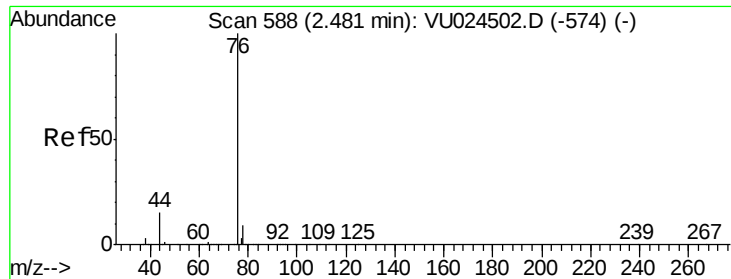
58 0.2 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.748 ug/l

RT: 2.49 min Scan# 591

Delta R.T. 0.01 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

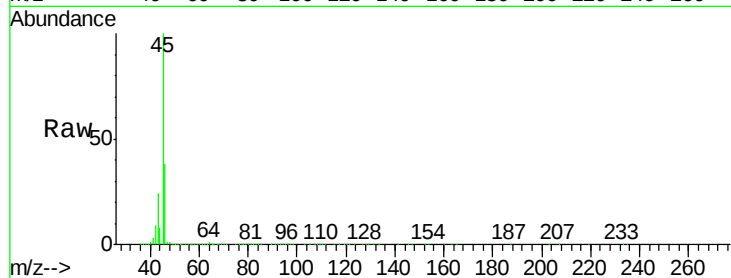
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Tgt Ion: 76 Resp: 108

Ion Ratio Lower Upper

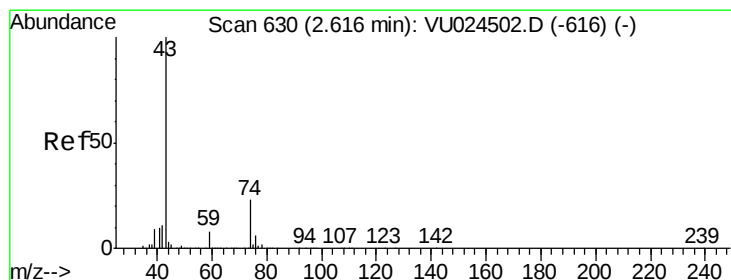
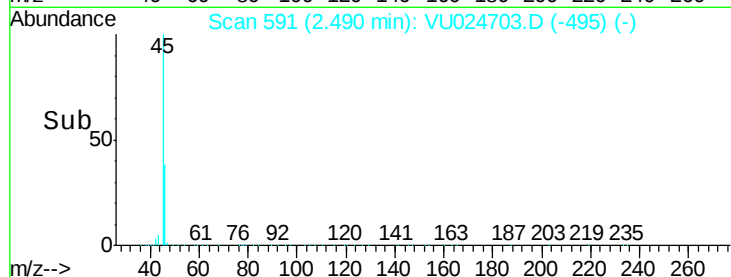
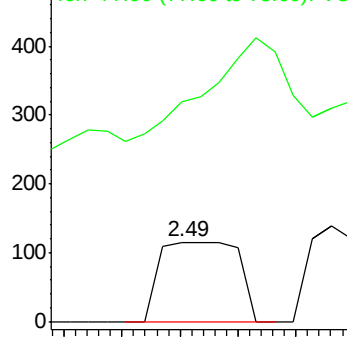
76 100

78 50.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 185011.321 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.14 min

Lab File: VU024703.D

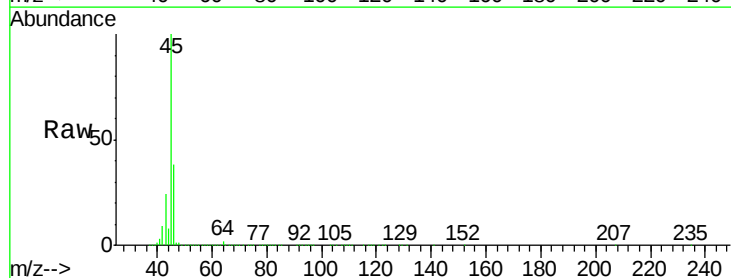
Acq: 18 Jun 2018 19:51

Tgt Ion: 43 Resp: 549685

Ion Ratio Lower Upper

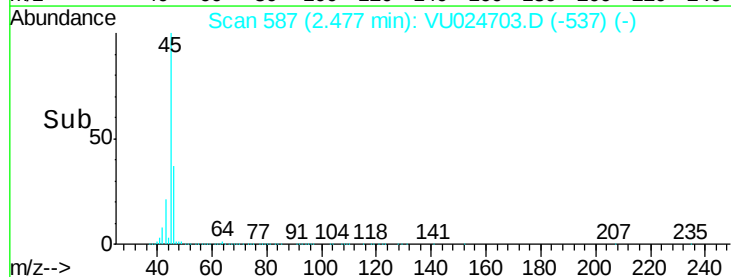
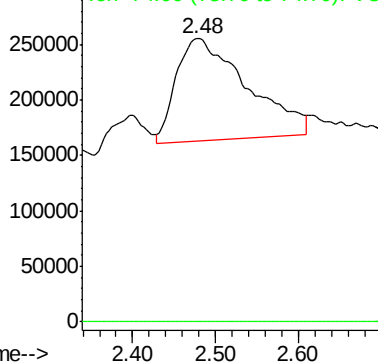
43 100

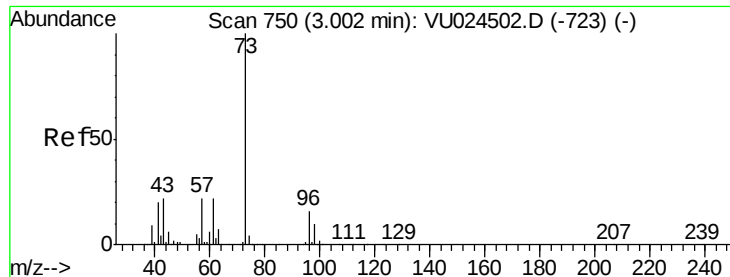
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



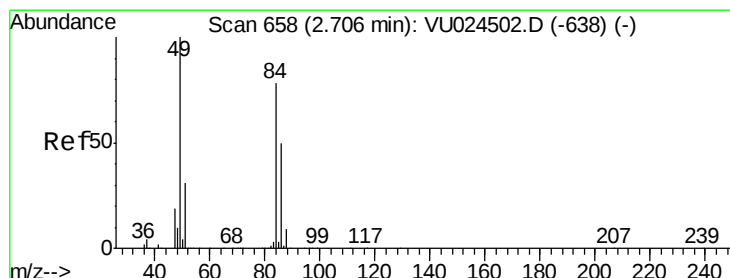
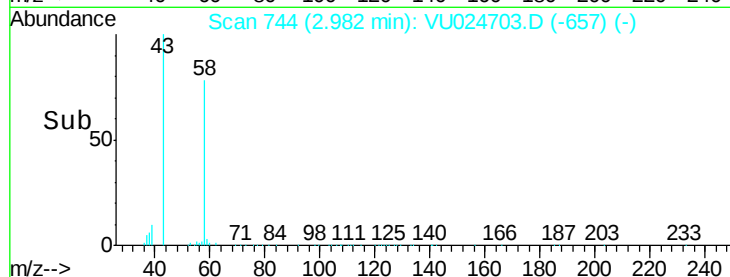
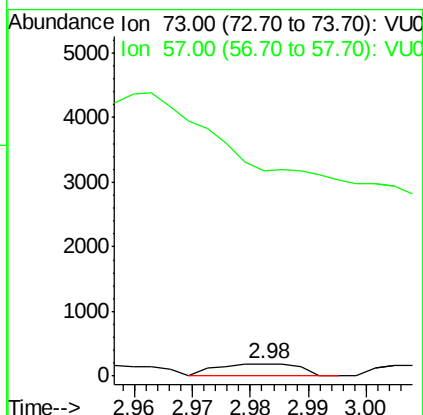
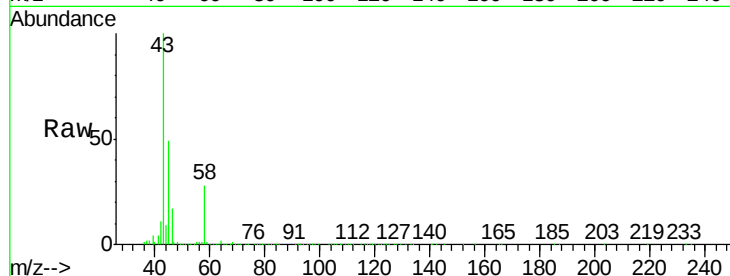


#19

Methyl tert-butyl Ether  
 Concen: 27.504 ug/l  
 RT: 2.98 min Scan# 744  
 Delta R.T. -0.02 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

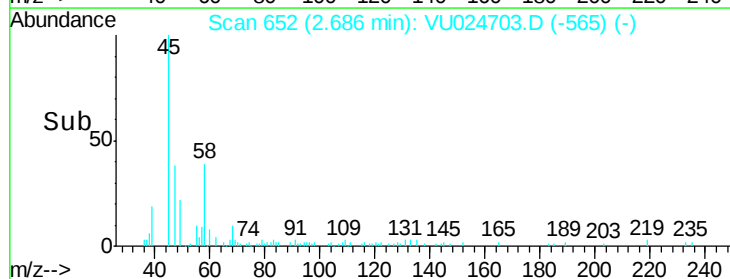
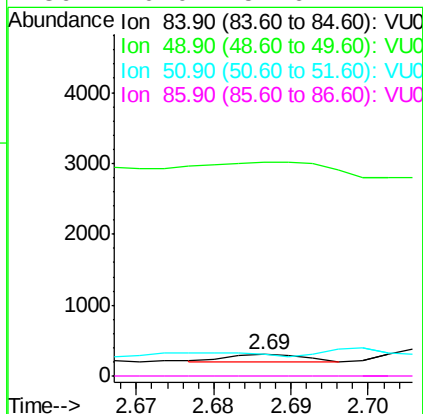
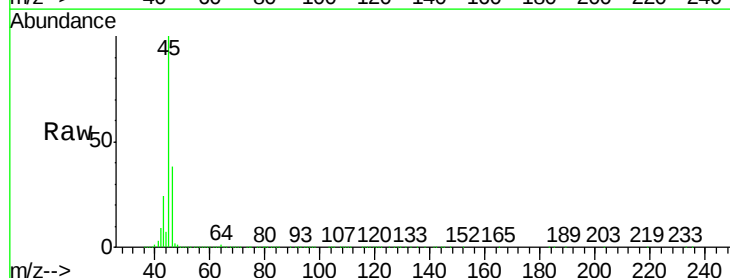
Tgt Ion: 73 Resp: 186  
 Ion Ratio Lower Upper  
 73 100  
 57 73.4 18.8 28.2#

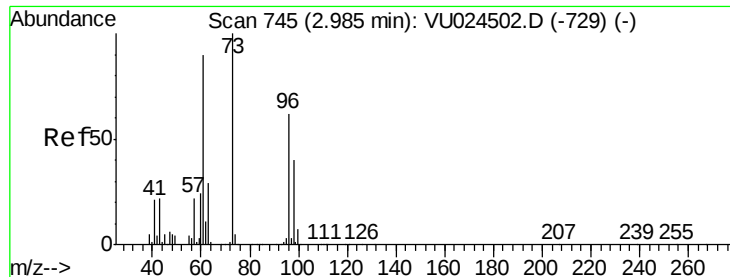


#20

Methylene Chloride  
 Concen: 32.650 ug/l  
 RT: 2.69 min Scan# 652  
 Delta R.T. -0.02 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 84 Resp: 71  
 Ion Ratio Lower Upper  
 84 100  
 49 103.8 103.8 155.8  
 51 0.0 32.0 48.0#  
 86 0.0 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 107.495 ug/l

RT: 2.96 min Scan# 738

Delta R.T. -0.02 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

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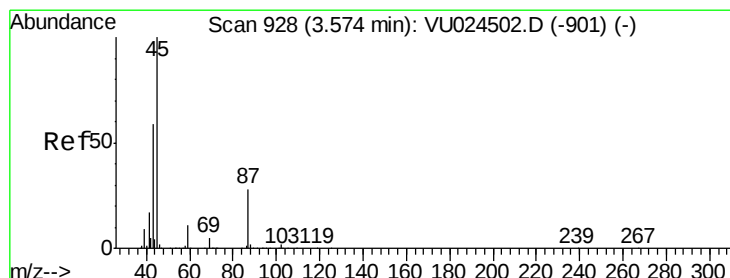
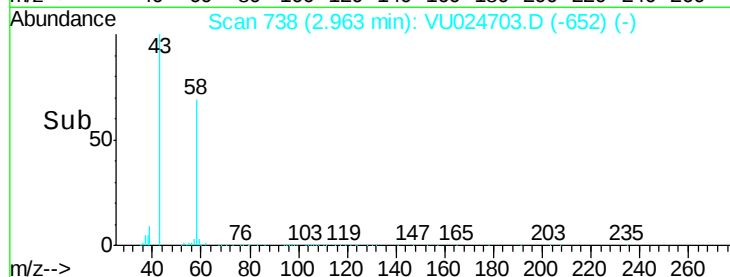
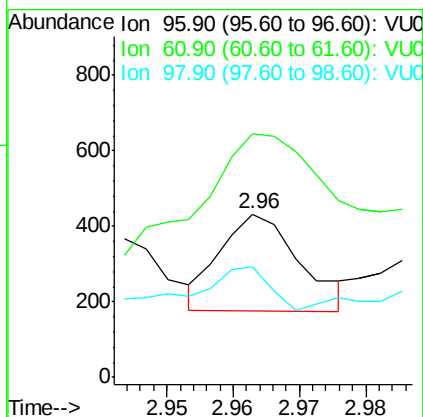
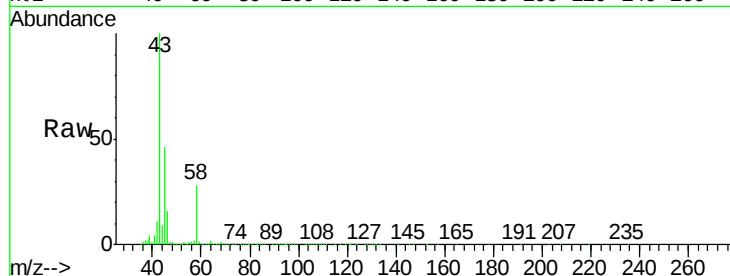
Tgt Ion: 96 Resp: 213

Ion Ratio Lower Upper

96 100

61 120.6 119.4 179.0

98 42.3 51.1 76.7#



#22

Diisopropyl ether

Concen: 26082.804 ug/l

RT: 3.39 min Scan# 872

Delta R.T. -0.18 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Tgt Ion: 45 Resp: 172715

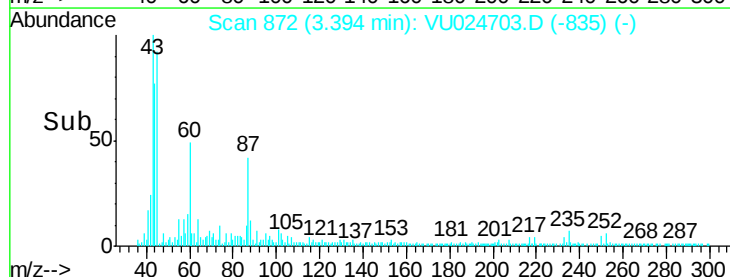
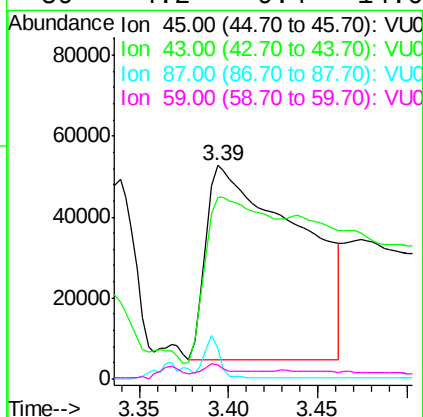
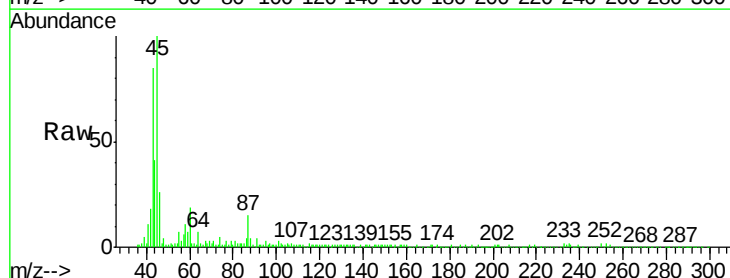
Ion Ratio Lower Upper

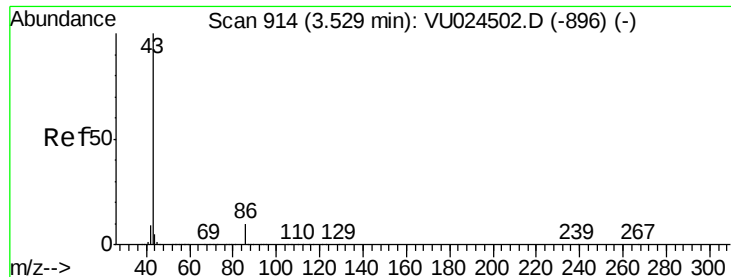
45 100

43 84.5 45.8 68.6#

87 15.3 20.6 31.0#

59 4.2 9.4 14.0#





#23

Vinyl Acetate

Concen: 17675.027 ug/l

RT: 3.39 min Scan# 872

Delta R.T. -0.14 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

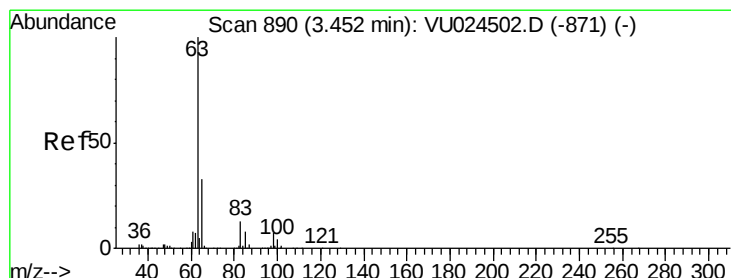
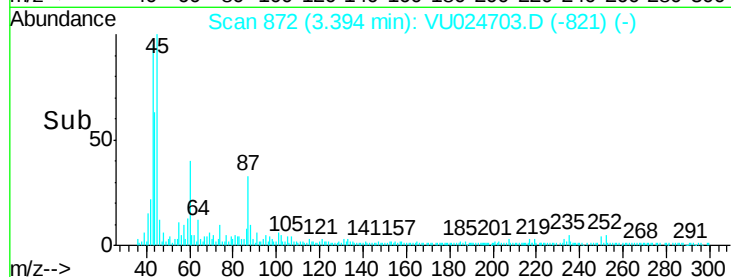
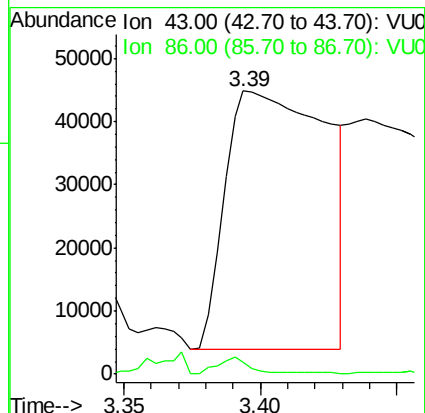
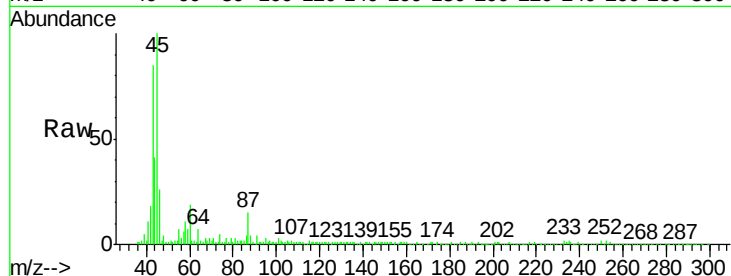
OILY-WATER

Tgt Ion: 43 Resp: 104844

Ion Ratio Lower Upper

43 100

86 4.3 7.8 11.8#



#24

1,1-Dichloroethane

Concen: 591.181 ug/l

RT: 3.38 min Scan# 868

Delta R.T. -0.07 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

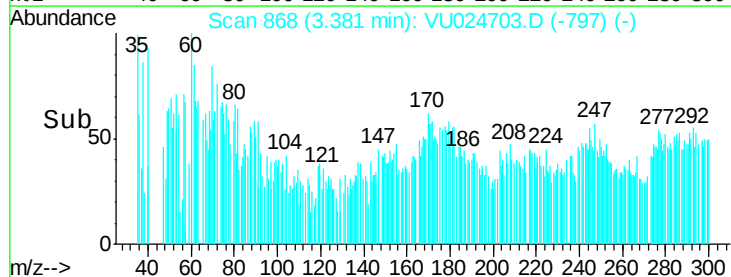
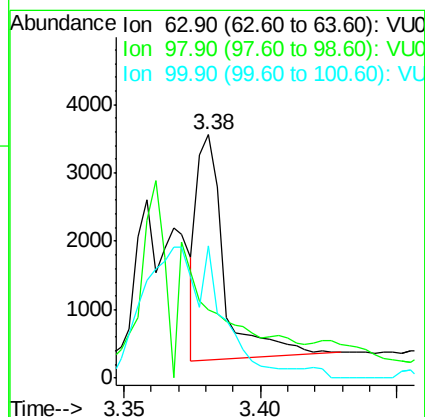
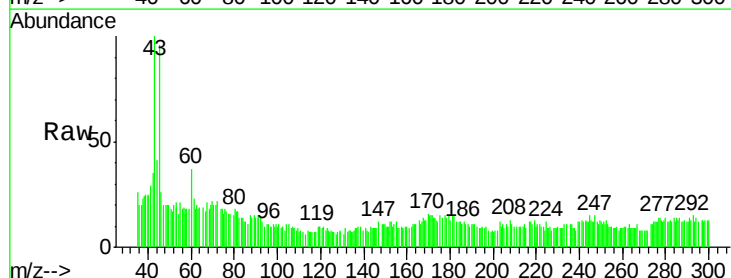
Tgt Ion: 63 Resp: 2252

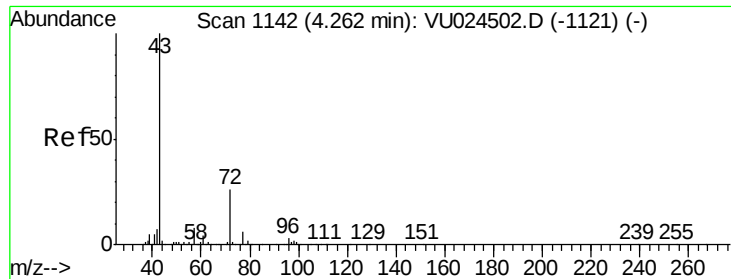
Ion Ratio Lower Upper

63 100

98 15.6 3.5 10.4#

100 60.5 1.8 5.5#

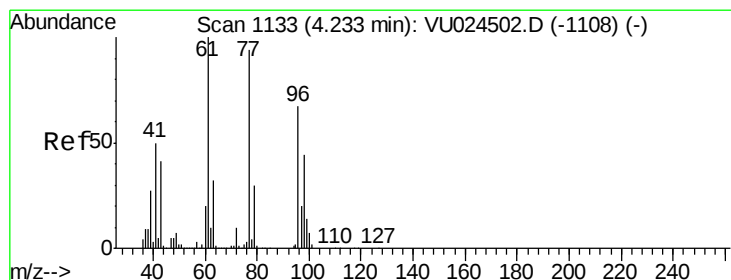
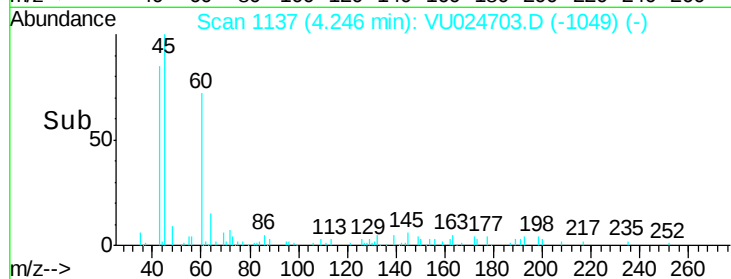
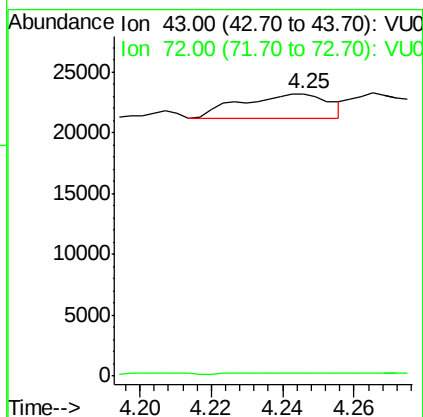
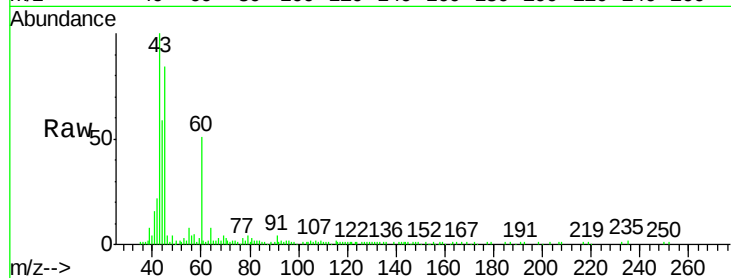




#25  
2-Butanone  
Concen: 1948.348 ug/l  
RT: 4.25 min Scan# 1137  
Delta R.T. -0.02 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

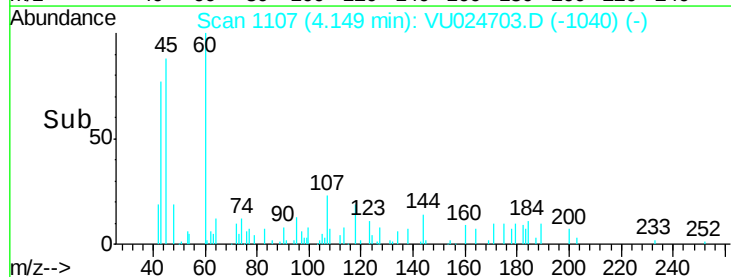
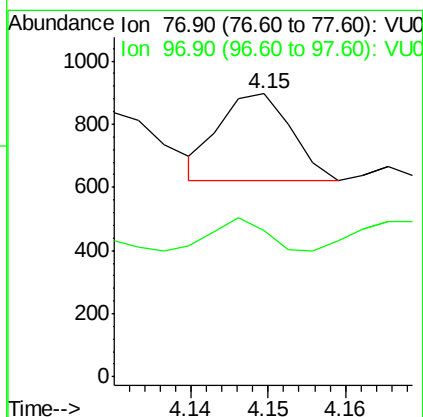
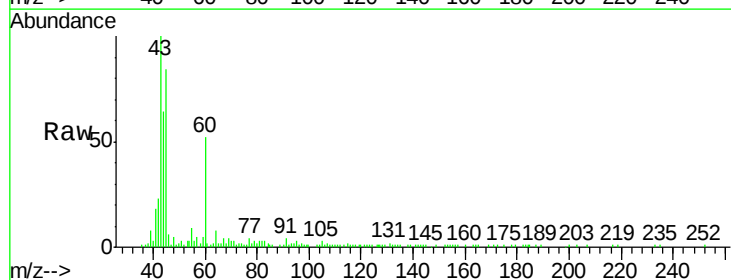
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

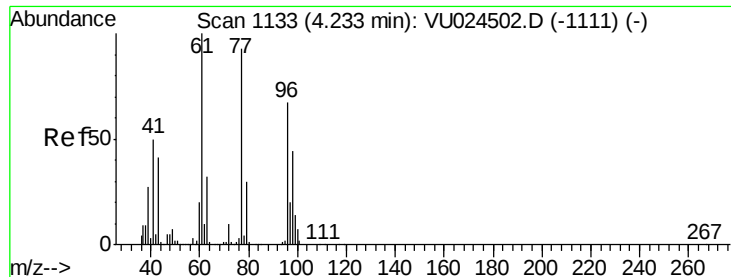
Tgt Ion: 43 Resp: 3627  
Ion Ratio Lower Upper  
43 100  
72 1.5 19.6 29.4#



#26  
2,2-Dichloropropane  
Concen: 49.487 ug/l  
RT: 4.15 min Scan# 1107  
Delta R.T. -0.08 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 77 Resp: 179  
Ion Ratio Lower Upper  
77 100  
97 26.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.360 ug/l

RT: 4.14 min Scan# 1104

Delta R.T. -0.09 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

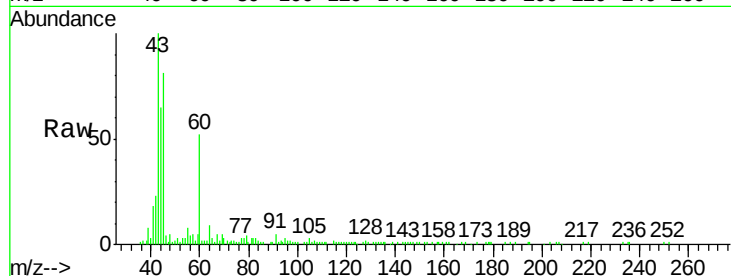
Tgt Ion: 96 Resp: 117

Ion Ratio Lower Upper

96 100

61 100.9 0.0 306.6

98 53.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

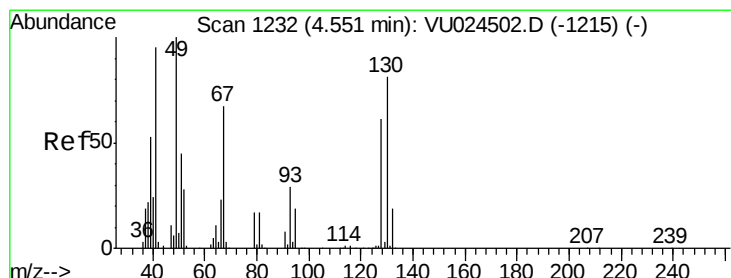
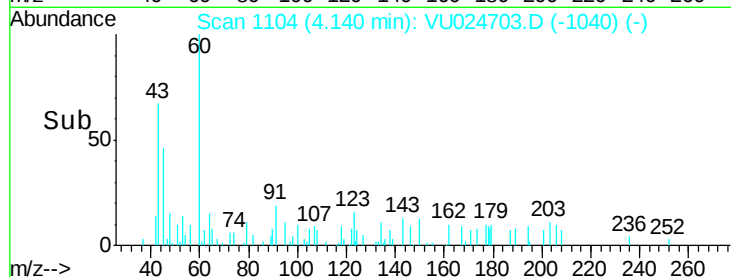
4.14

400

200

0

Time-->



#28

Bromochloromethane

Concen: 88.206 ug/l

RT: 4.51 min Scan# 1220

Delta R.T. -0.04 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

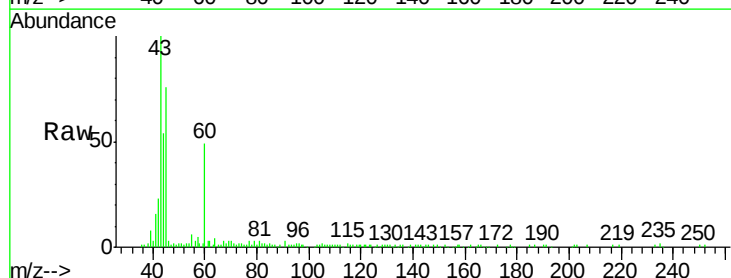
Tgt Ion: 49 Resp: 148

Ion Ratio Lower Upper

49 100

129 36.5 0.0 3.8#

130 172.3 57.8 86.6#



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

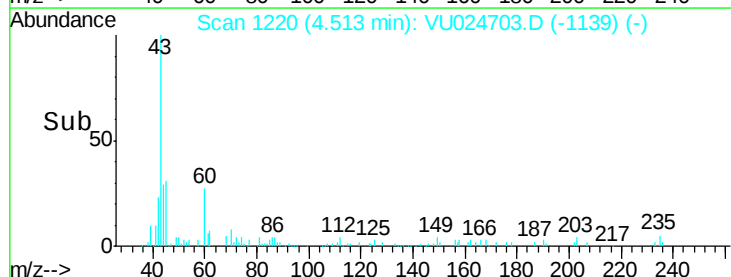
4.51

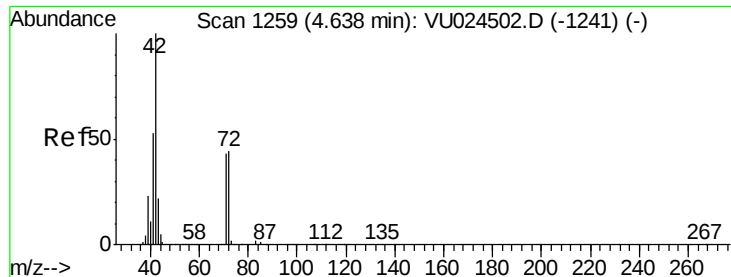
300

100

0

Time-->





#29

Tetrahydrofuran

Concen: 100681.453 ug/l

RT: 4.78 min Scan# 1304

Delta R.T. 0.14 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

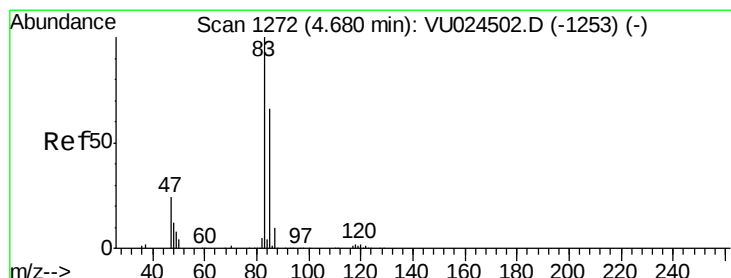
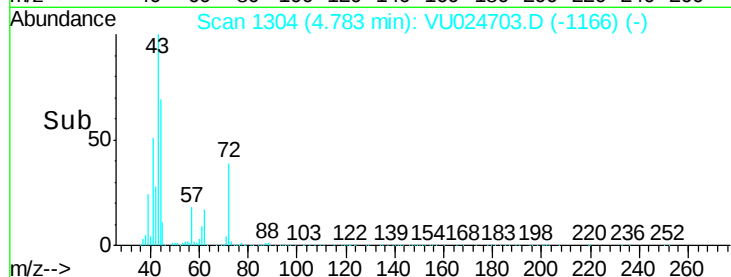
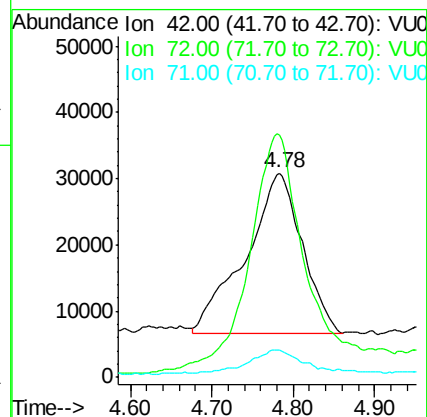
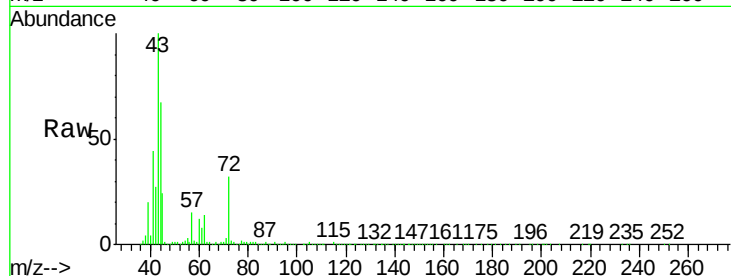
Tgt Ion: 42 Resp: 116067

Ion Ratio Lower Upper

42 100

72 148.3 34.5 51.7#

71 13.1 32.2 48.4#



#30

Chloroform

Concen: 25.936 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. 0.23 min

Lab File: VU024703.D

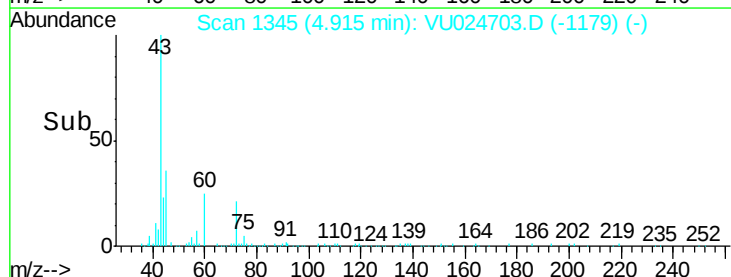
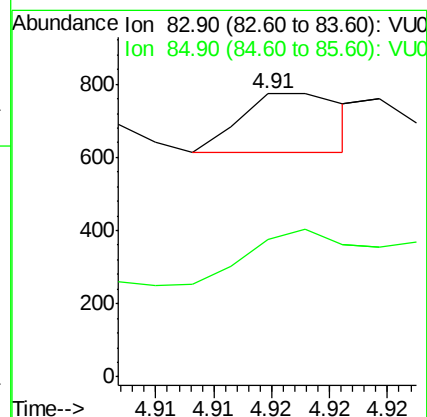
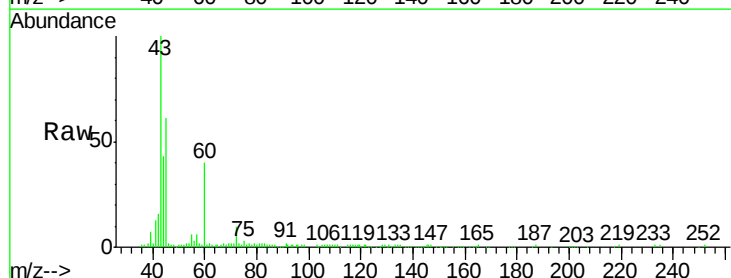
Acq: 18 Jun 2018 19:51

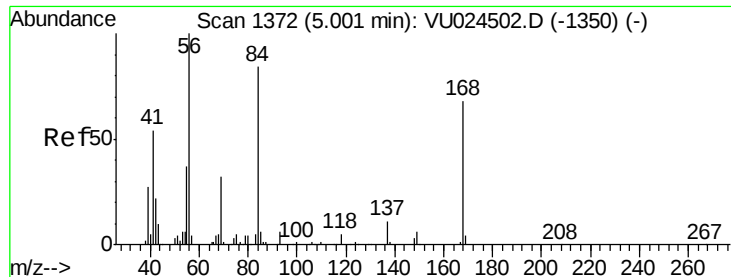
Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

85 76.1 52.4 78.6





#31

Cyclohexane

Concen: 60.421 ug/l

RT: 4.95 min Scan# 1355

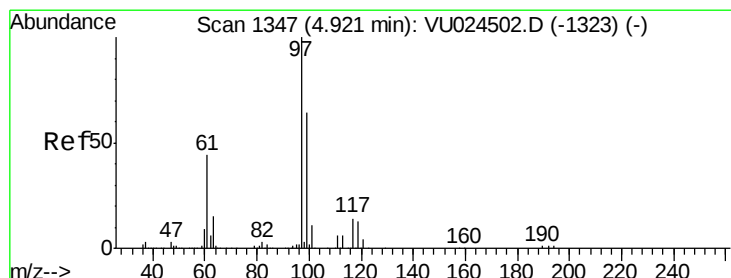
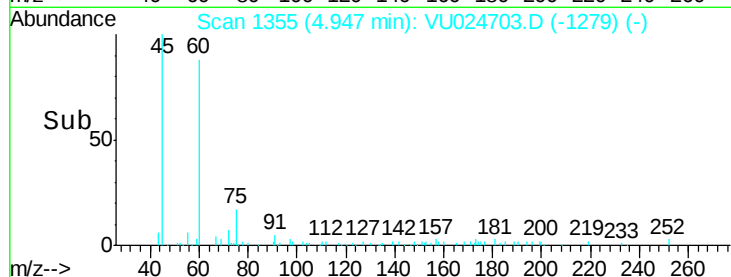
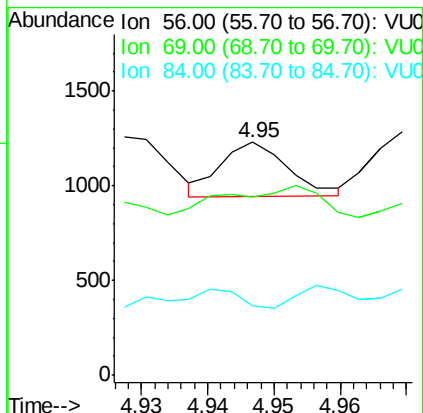
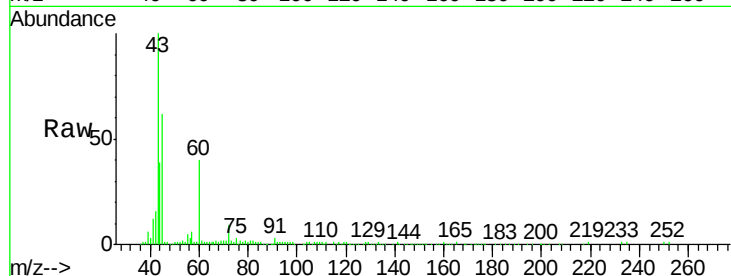
Delta R.T. -0.05 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 203   |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 35.6  | 24.8  | 37.2  |
| 84       | 0.0   | 65.2  | 97.8# |



#32

1,1,1-Trichloroethane

Concen: 32.535 ug/l

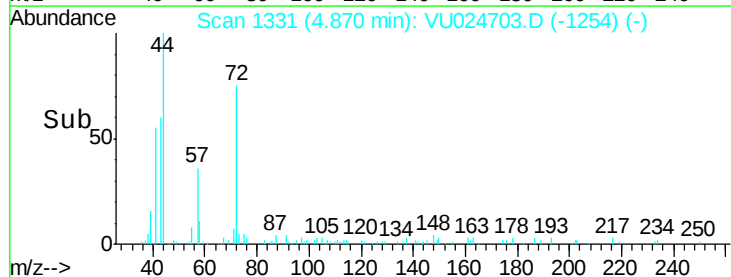
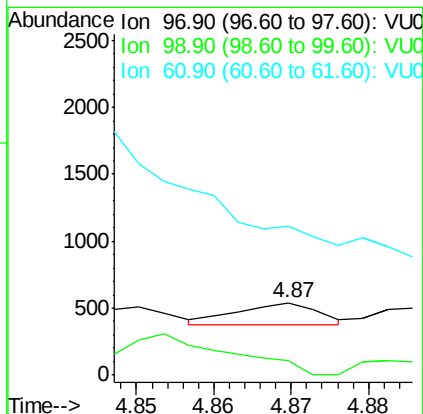
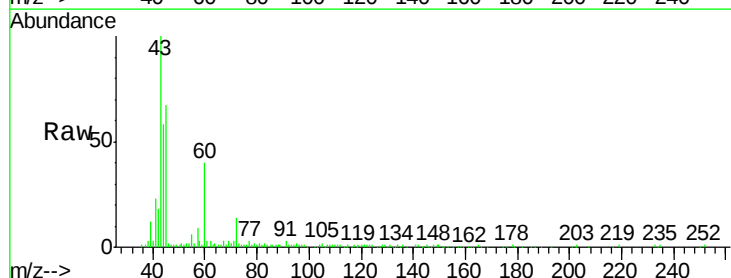
RT: 4.87 min Scan# 1331

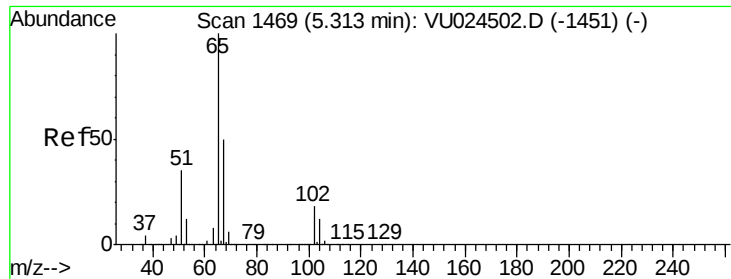
Delta R.T. -0.05 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 116   |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 0.0   | 51.0  | 76.6# |
| 61       | 0.0   | 39.4  | 59.0# |





#33

1,2-Dichloroethane-d4

Concen: 96.922 ug/l

RT: 5.27 min Scan# 1456

Delta R.T. -0.04 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

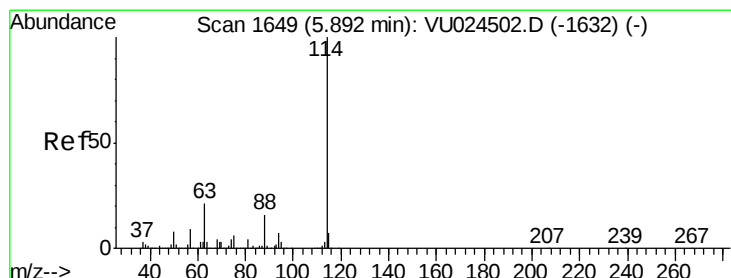
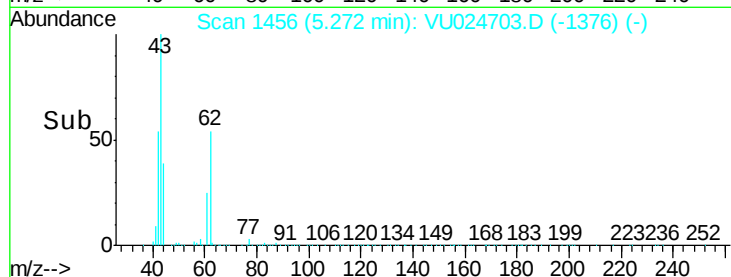
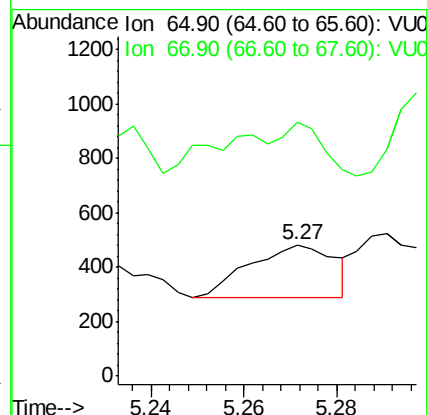
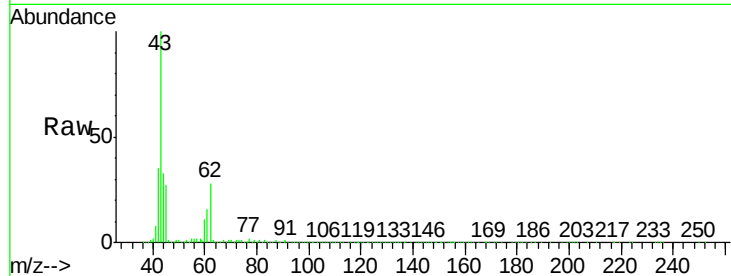
OILY-WATER

Tgt Ion: 65 Resp: 250

Ion Ratio Lower Upper

65 100

67 55.2 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.34 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

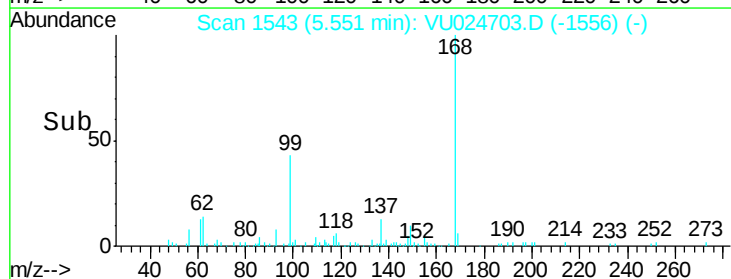
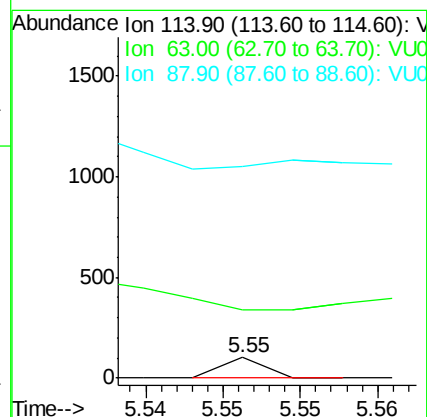
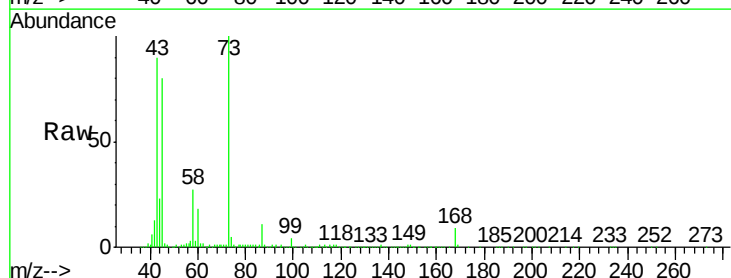
Tgt Ion: 114 Resp: 19

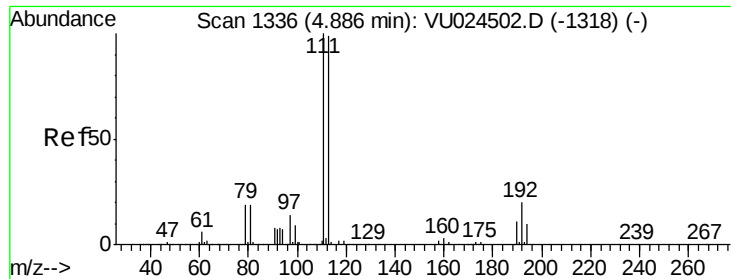
Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.4

88 14.9 0.0 31.0

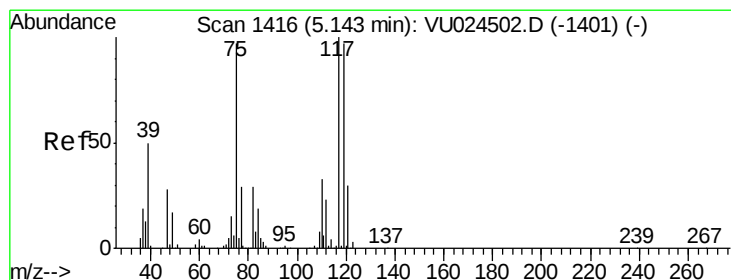
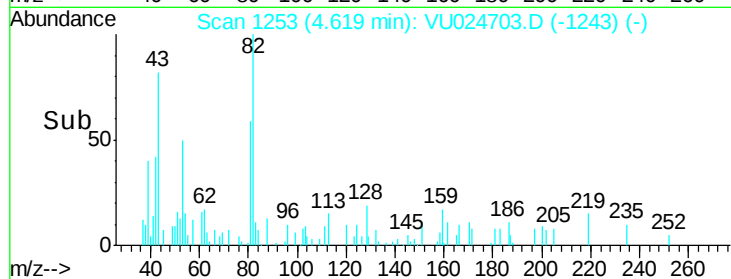
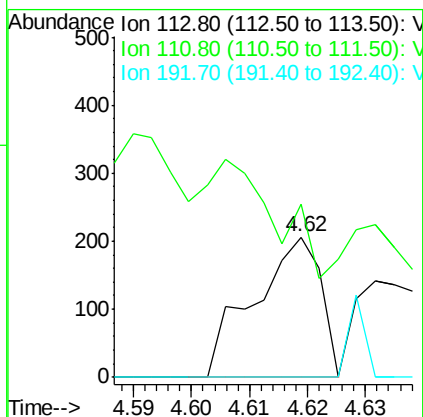
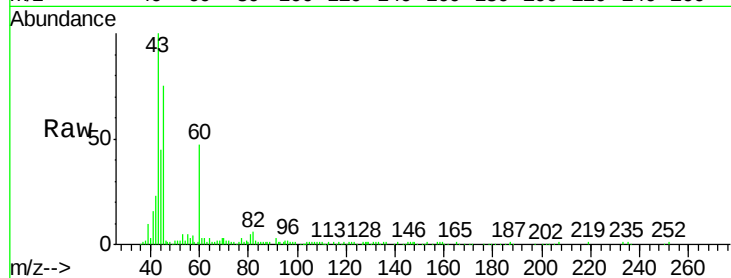




#35  
 Dibromofluoromethane  
 Concen: 1046.388 ug/l  
 RT: 4.62 min Scan# 1253  
 Delta R.T. -0.27 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

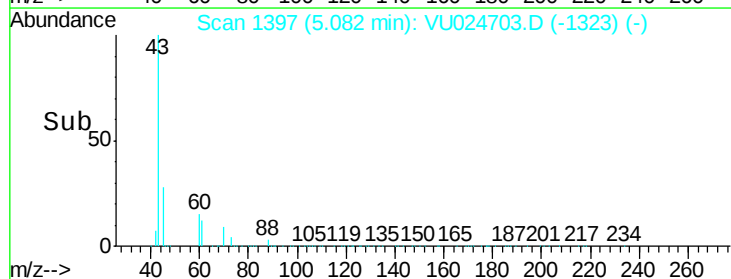
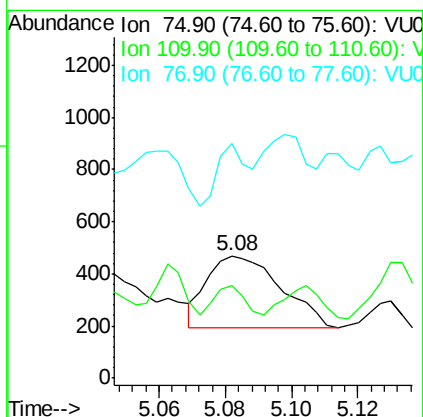
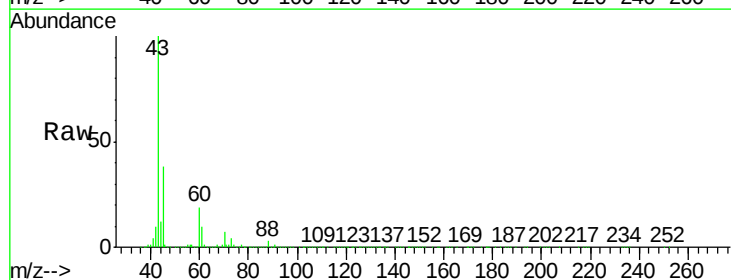
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

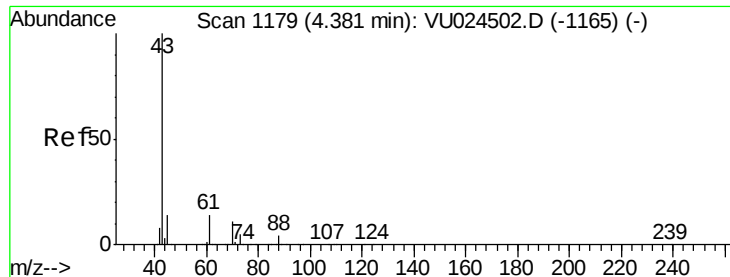
Tgt Ion: 113 Resp: 165  
 Ion Ratio Lower Upper  
 113 100  
 111 0.0 82.2 123.4#  
 192 0.0 16.2 24.4#



#36  
 1,1-Dichloropropene  
 Concen: 1925.966 ug/l  
 RT: 5.08 min Scan# 1397  
 Delta R.T. -0.06 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 75 Resp: 430  
 Ion Ratio Lower Upper  
 75 100  
 110 18.6 17.0 50.9  
 77 35.3 24.2 36.4

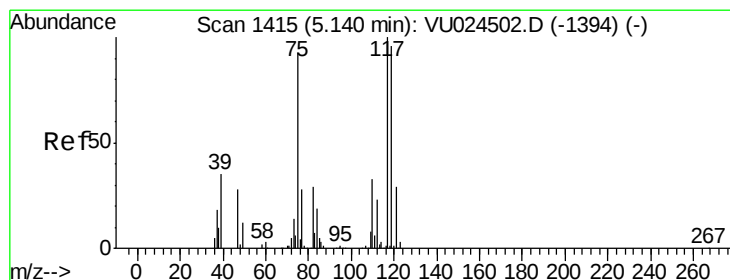
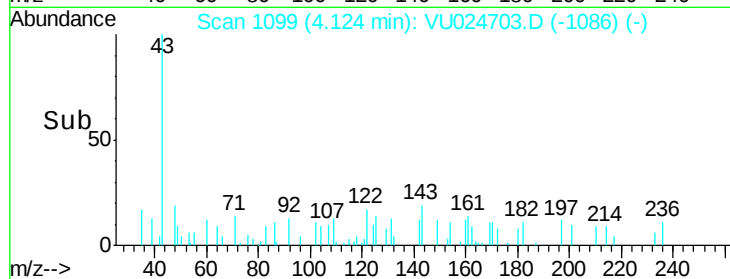
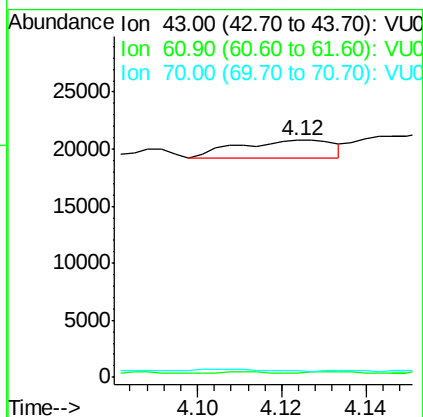
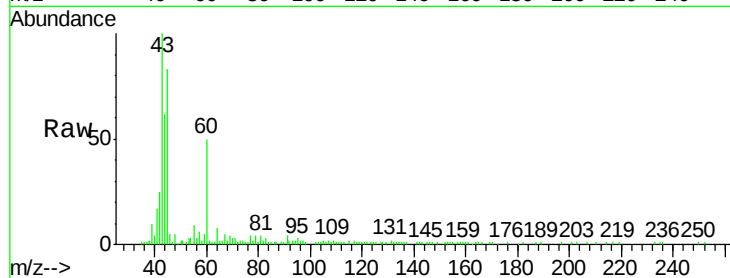




#37  
Ethyl Acetate  
Concen: 10014.678 ug/l  
RT: 4.12 min Scan# 1099  
Delta R.T. -0.26 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

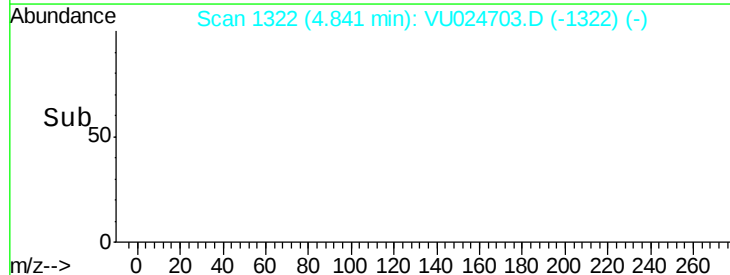
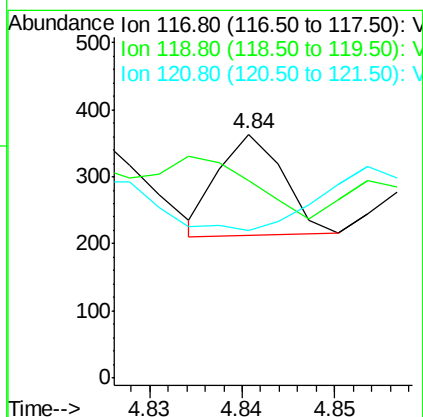
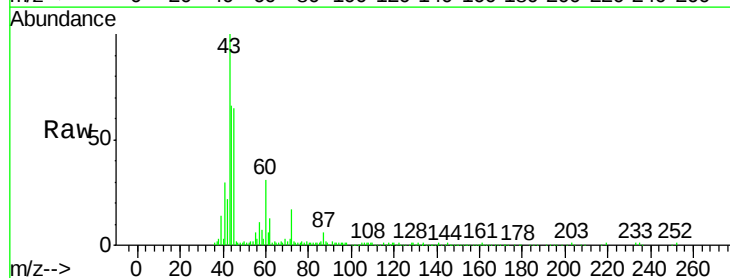
Instrument :  
MSVOA\_U  
ClientSampled :  
OILY-WATER

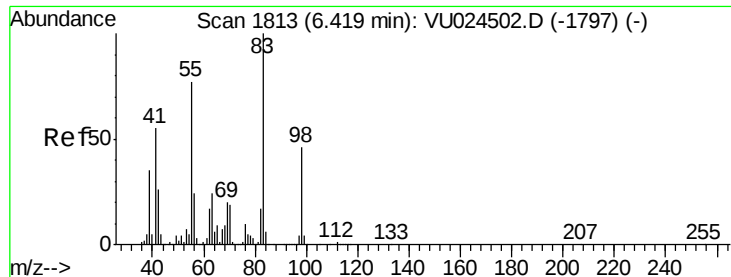
Tgt Ion: 43 Resp: 2437  
Ion Ratio Lower Upper  
43 100  
61 5.3 10.5 15.7#  
70 2.5 7.4 11.2#



#38  
Carbon Tetrachloride  
Concen: 297.333 ug/l  
RT: 4.84 min Scan# 1322  
Delta R.T. -0.30 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 117 Resp: 73  
Ion Ratio Lower Upper  
117 100  
119 19.9 76.1 114.1#  
121 0.0 23.7 35.5#

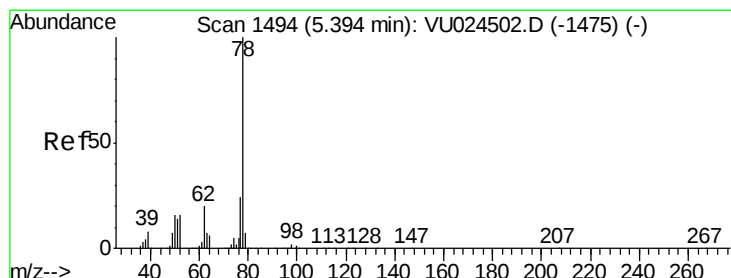
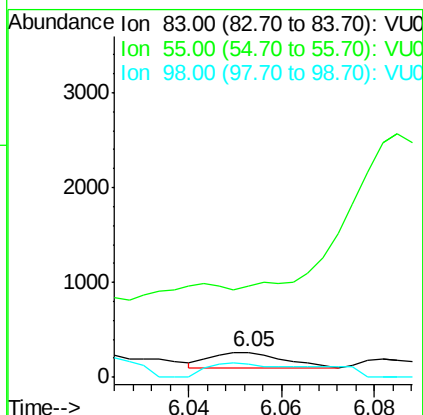
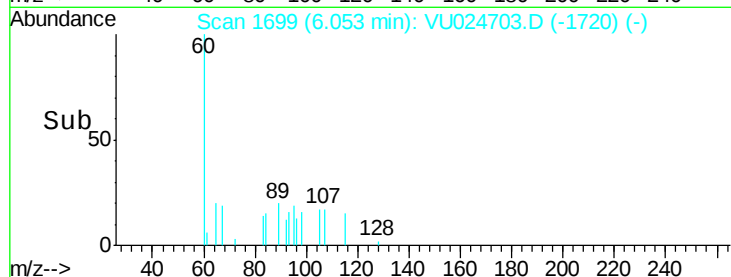
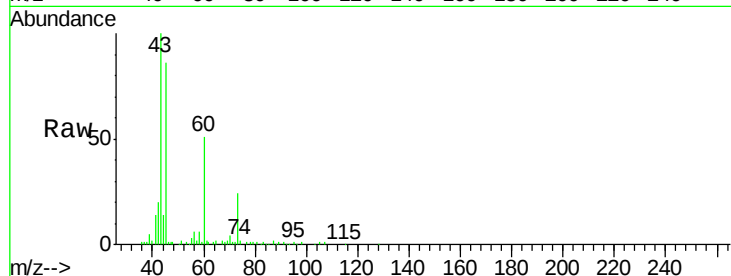




#39  
Methylcyclohexane  
Concen: 606.568 ug/l  
RT: 6.05 min Scan# 1699  
Delta R.T. -0.37 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

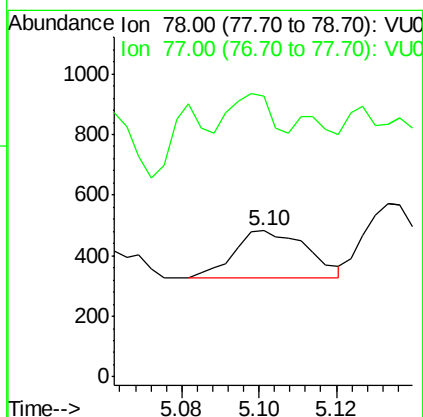
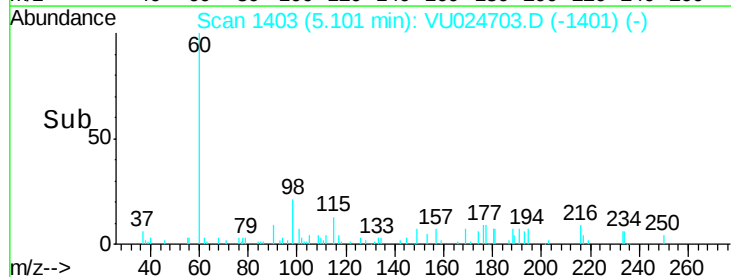
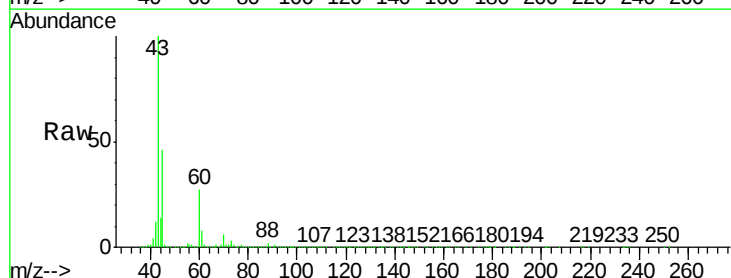
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

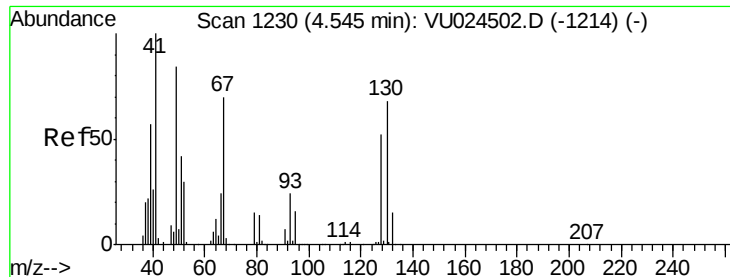
Tgt Ion: 83 Resp: 169  
Ion Ratio Lower Upper  
83 100  
55 0.0 65.8 98.6#  
98 86.9 36.7 55.1#



#40  
Benzene  
Concen: 314.375 ug/l  
RT: 5.10 min Scan# 1403  
Delta R.T. -0.29 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 78 Resp: 200  
Ion Ratio Lower Upper  
78 100  
77 83.1 19.2 28.8#





#41

Methacrylonitrile

Concen: 1463.399 ug/l

RT: 4.27 min Scan# 1144

Delta R.T. -0.28 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampled :

OILY-WATER

Tgt Ion: 41 Resp: 192

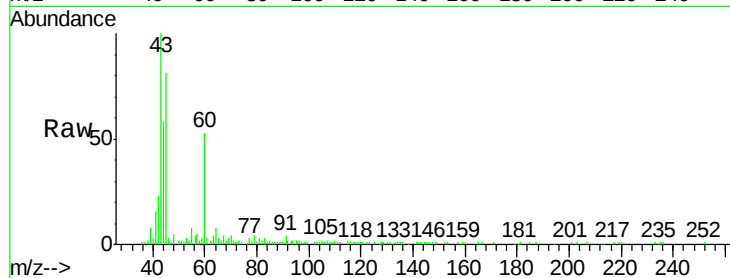
Ion Ratio Lower Upper

41 100

39 56.3 43.8 65.6

67 227.1 56.3 84.5#

52 59.4 23.2 34.8#

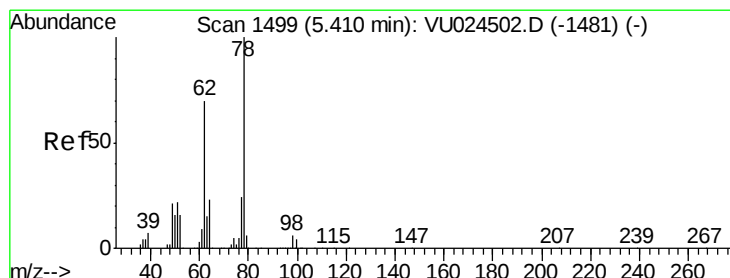
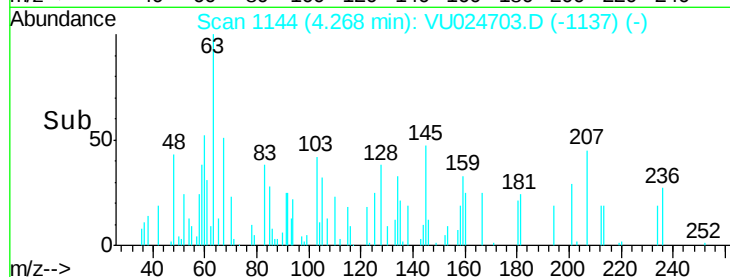
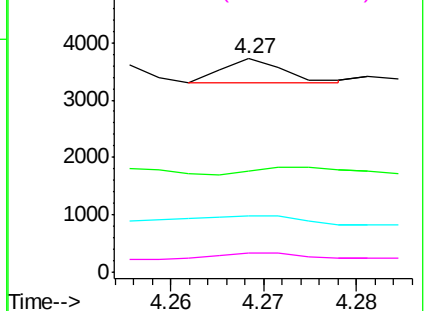


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 336527.178 ug/l

RT: 5.27 min Scan# 1454

Delta R.T. -0.14 min

Lab File: VU024703.D

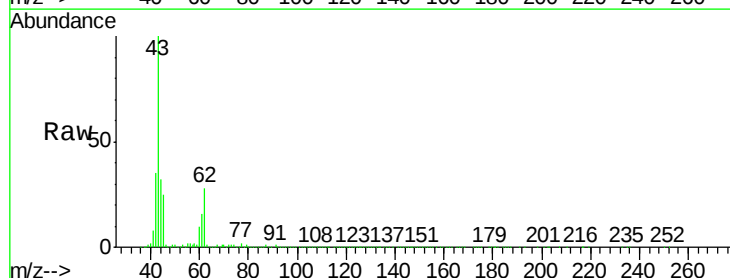
Acq: 18 Jun 2018 19:51

Tgt Ion: 62 Resp: 81540

Ion Ratio Lower Upper

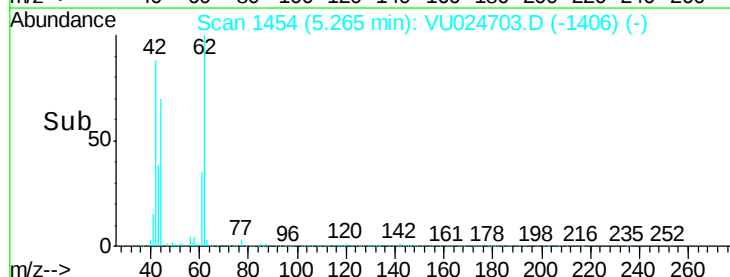
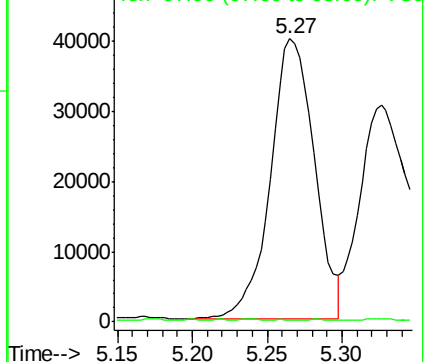
62 100

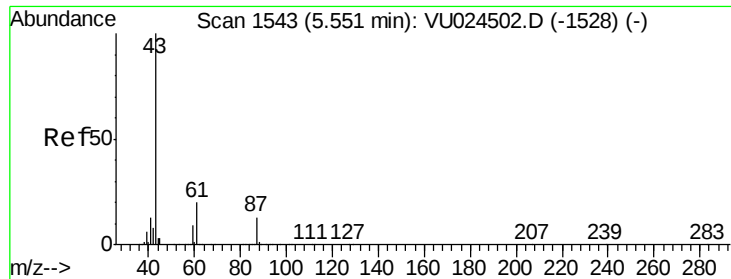
98 0.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 497134.567 ug/l

RT: 5.27 min Scan# 1454

Delta R.T. -0.29 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

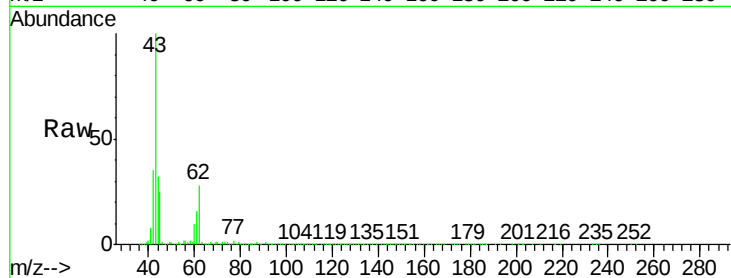
Tgt Ion: 43 Resp: 209109

Ion Ratio Lower Upper

43 100

61 20.4 15.4 23.0

87 0.0 10.0 15.0#

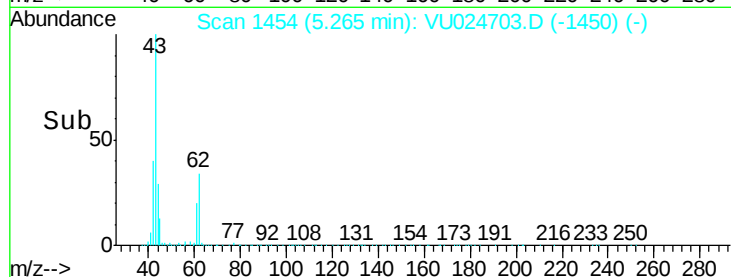


Abundance Ion 43.00 (42.70 to 43.70): VU024703.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU024703.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU024703.D (-1450) (-)

Time-->



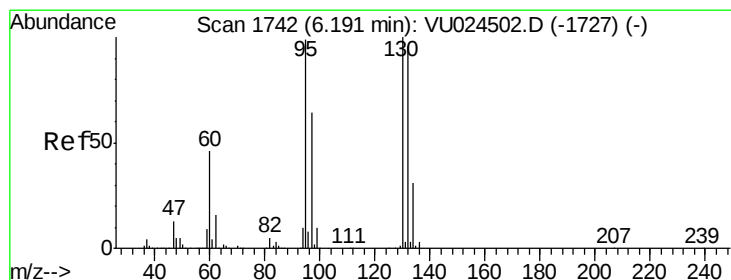
Abundance

Ion 43.00 (42.70 to 43.70): VU024703.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU024703.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU024703.D (-1450) (-)

Time-->



#44

Trichloroethene

Concen: 265.111 ug/l

RT: 5.86 min Scan# 1638

Delta R.T. -0.33 min

Lab File: VU024703.D

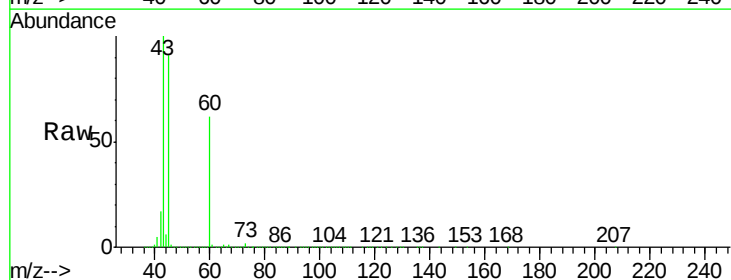
Acq: 18 Jun 2018 19:51

Tgt Ion: 130 Resp: 48

Ion Ratio Lower Upper

130 100

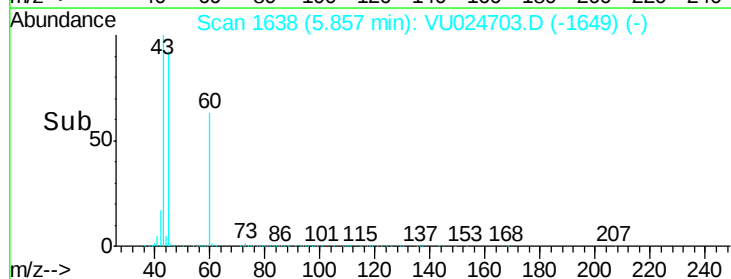
95 45.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024703.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024703.D (-1649) (-)

Time-->

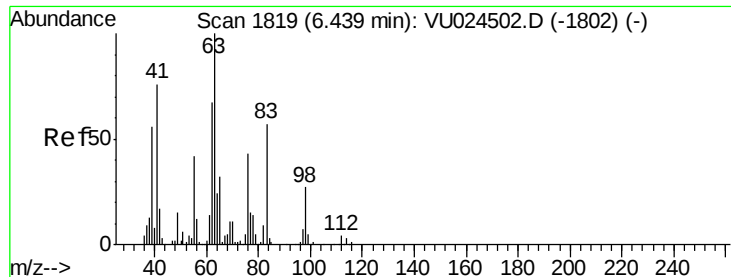


Abundance

Ion 129.80 (129.50 to 130.50): VU024703.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024703.D (-1649) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 64200.810 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.25 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

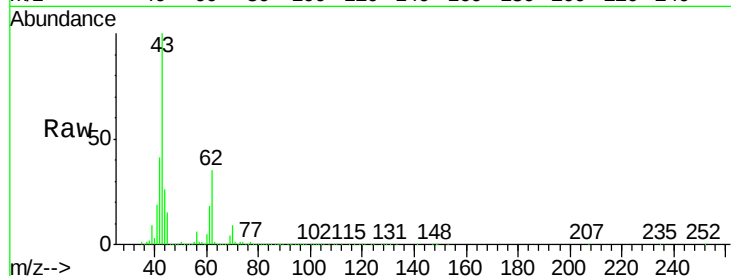
OILY-WATER

Tgt Ion: 63 Resp: 10898

Ion Ratio Lower Upper

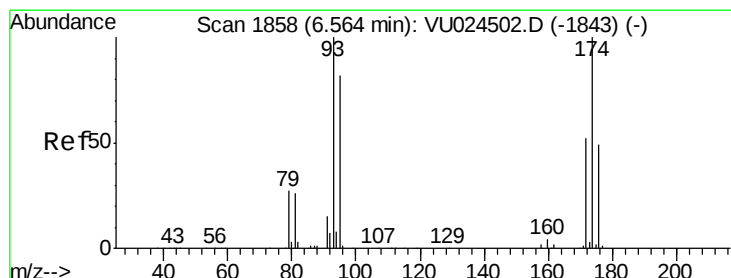
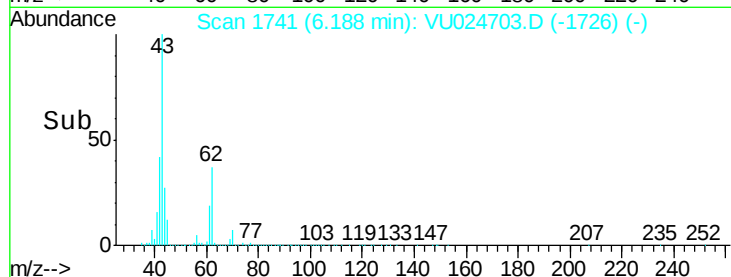
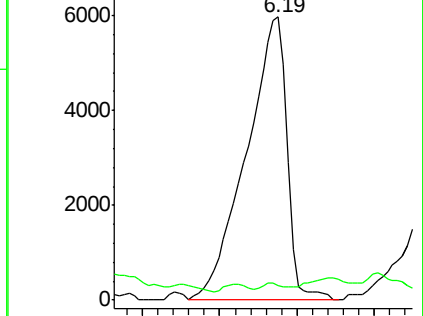
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 1710.933 ug/l

RT: 6.18 min Scan# 1737

Delta R.T. -0.39 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

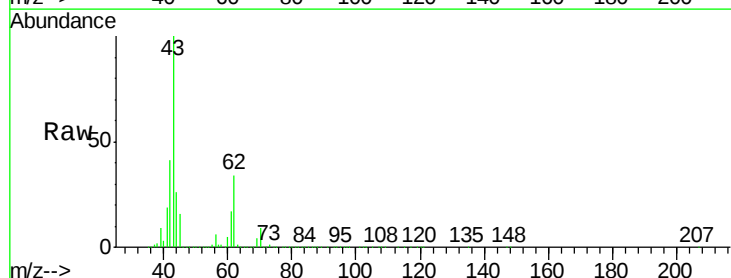
Tgt Ion: 93 Resp: 204

Ion Ratio Lower Upper

93 100

95 0.0 65.5 98.3#

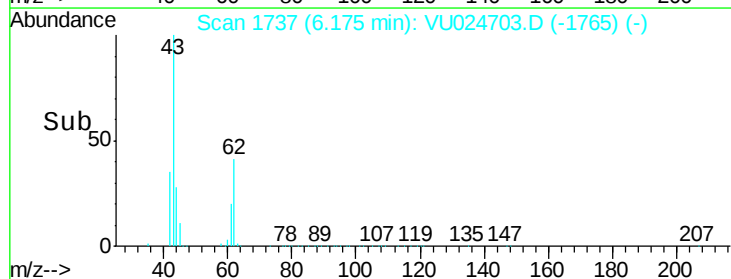
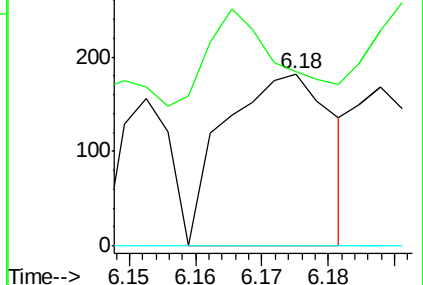
174 0.0 78.7 118.1#

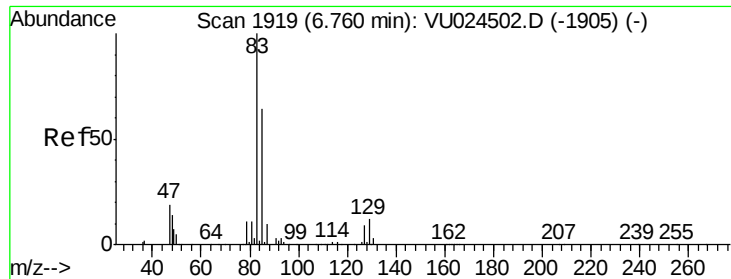


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 15924.832 ug/l

RT: 6.36 min Scan# 1794

Delta R.T. -0.40 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

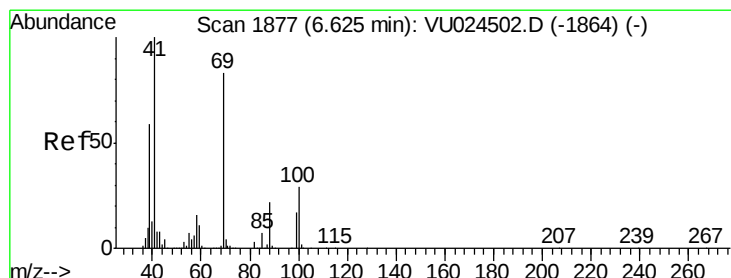
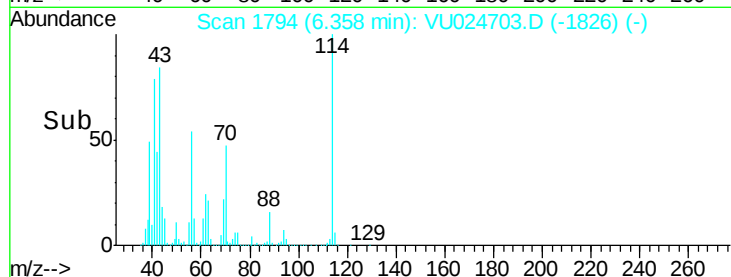
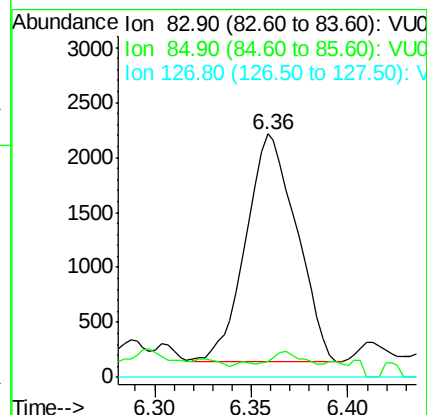
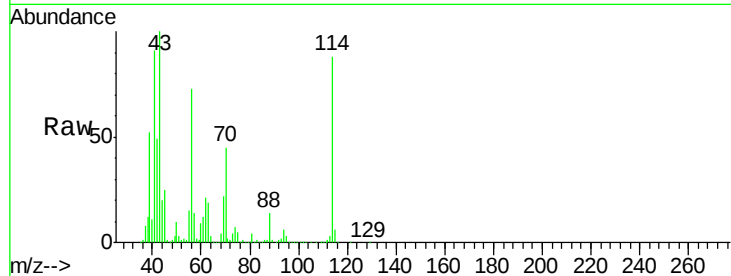
Tgt Ion: 83 Resp: 3781

Ion Ratio Lower Upper

83 100

85 1.6 51.9 77.9#

127 0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 1435542.579 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.44 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

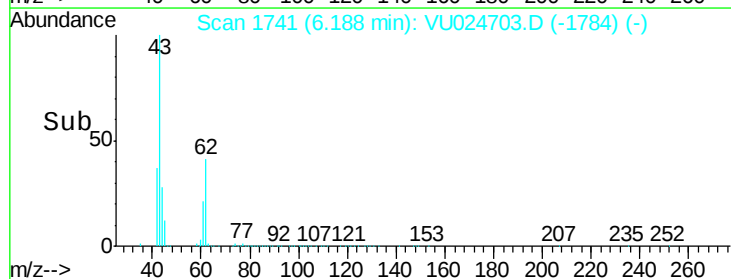
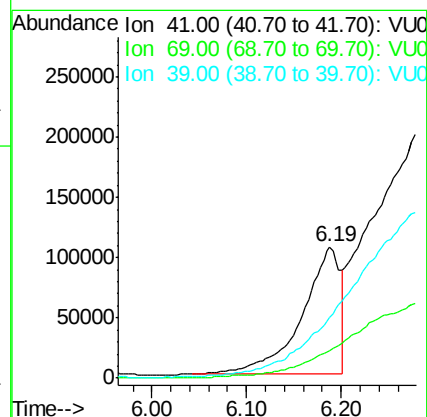
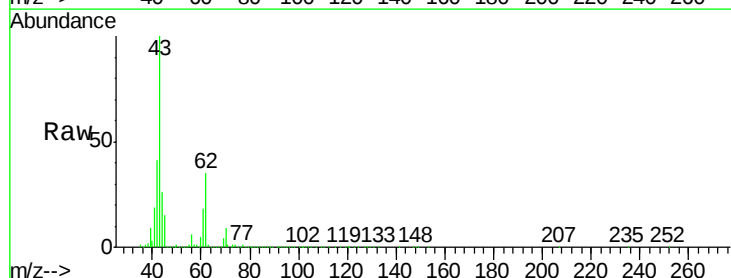
Tgt Ion: 41 Resp: 294029

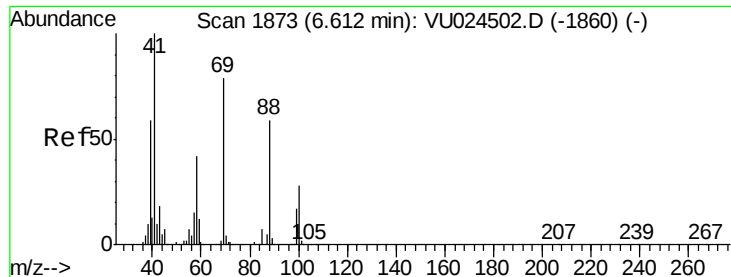
Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 46.5 69.7#





#49

1,4-Dioxane

Concen: 10959595.137 ug/l

RT: 6.36 min Scan# 1795

Delta R.T. -0.25 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

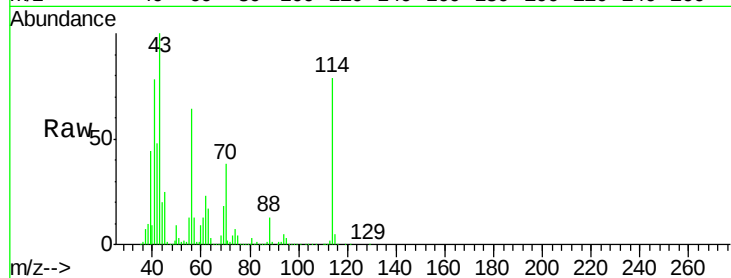
Tgt Ion: 88 Resp: 43899

Ion Ratio Lower Upper

88 100

43 756.3 28.6 42.8#

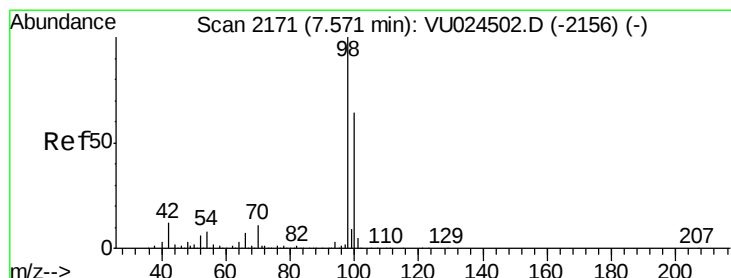
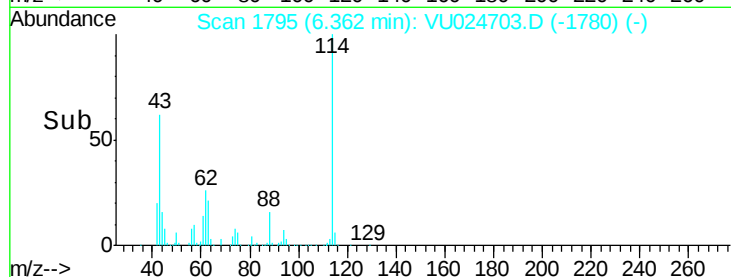
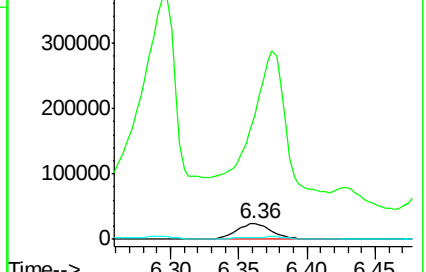
58 13.3 58.2 87.4#



Abundance Ion 88.00 (87.70 to 88.70): VU024703.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024703.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024703.D (-1780) (-)



#50

Toluene-d8

Concen: 34.772 ug/l

RT: 7.19 min Scan# 2053

Delta R.T. -0.38 min

Lab File: VU024703.D

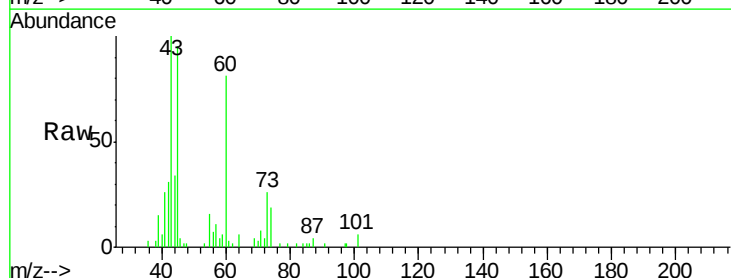
Acq: 18 Jun 2018 19:51

Tgt Ion: 98 Resp: 20

Ion Ratio Lower Upper

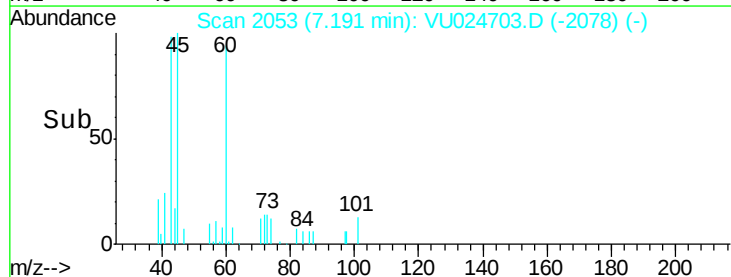
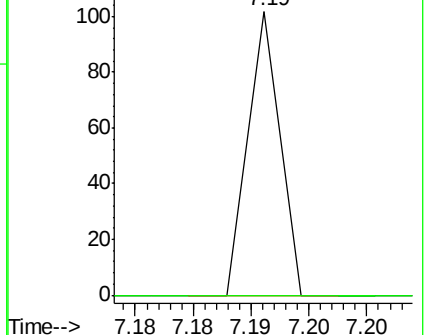
98 100

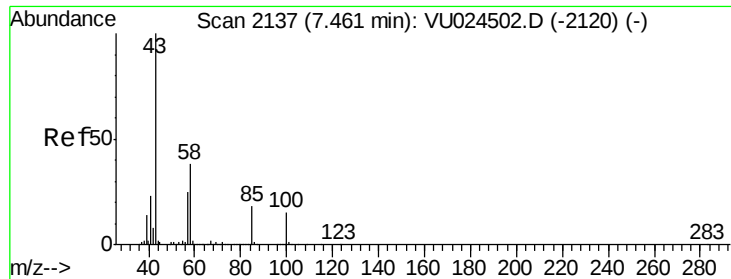
100 0.0 51.1 76.7#



Abundance Ion 98.00 (97.70 to 98.70): VU024703.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024703.D (-2078) (-)

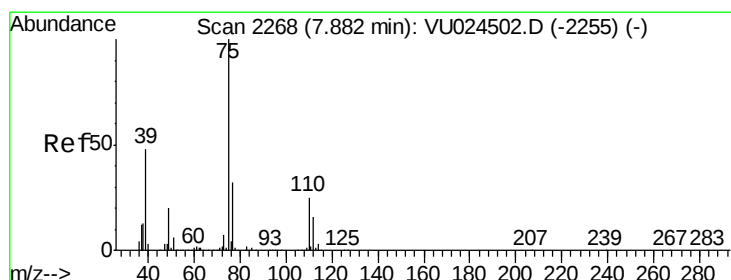
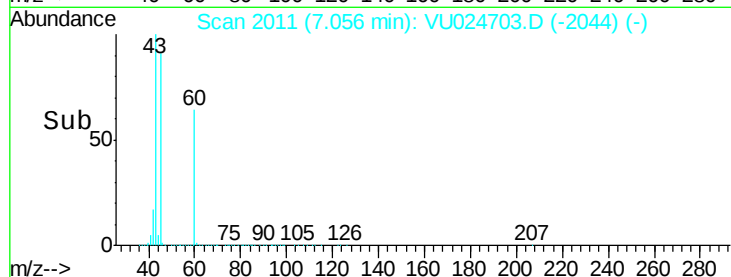
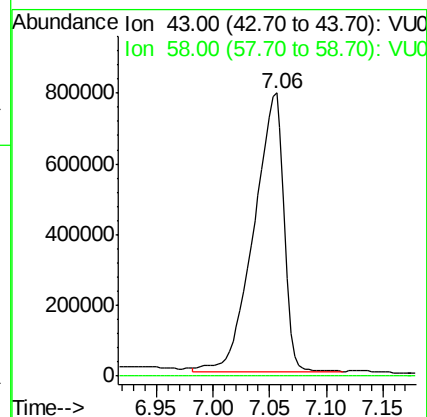
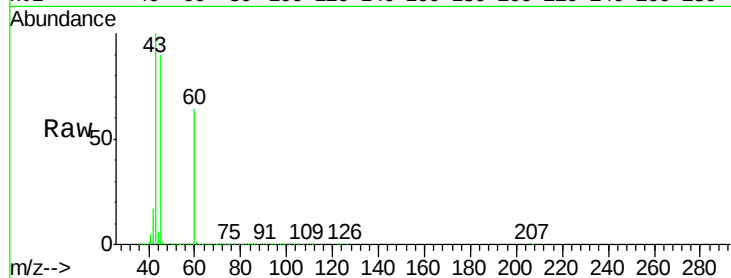




#51  
 4-Methyl-2-Pentanone  
 Concen: 5504458.270 ug/l  
 RT: 7.06 min Scan# 2011  
 Delta R.T. -0.41 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

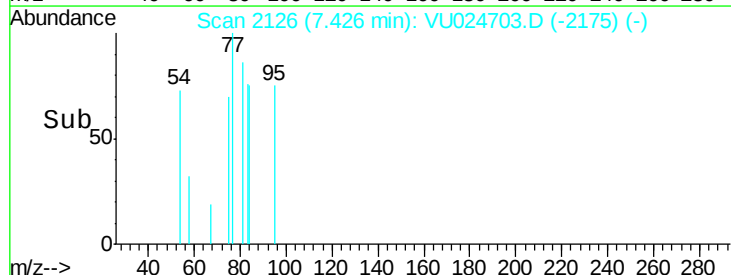
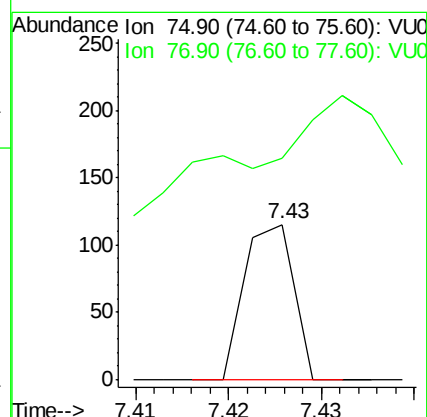
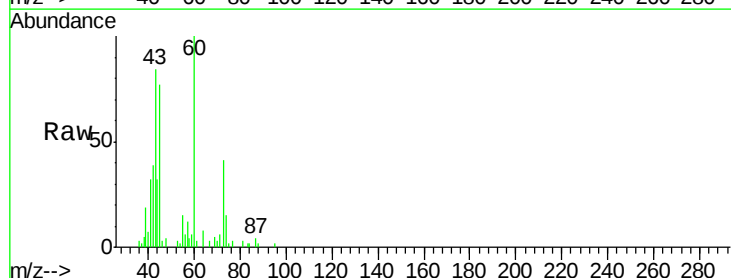
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

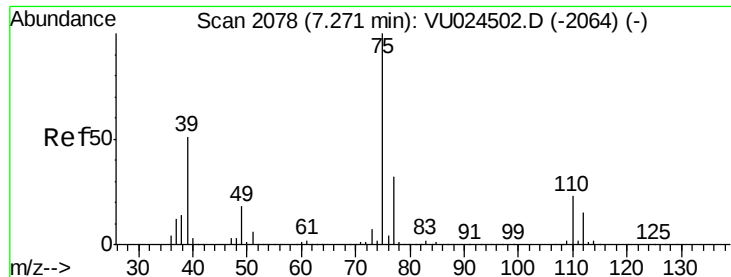
Tgt Ion: 43 Resp: 1454610  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 30.0 45.0#



#53  
 t-1,3-Dichloropropene  
 Concen: 157.520 ug/l  
 RT: 7.43 min Scan# 2126  
 Delta R.T. -0.46 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 75 Resp: 42  
 Ion Ratio Lower Upper  
 75 100  
 77 1.7 24.8 37.2#



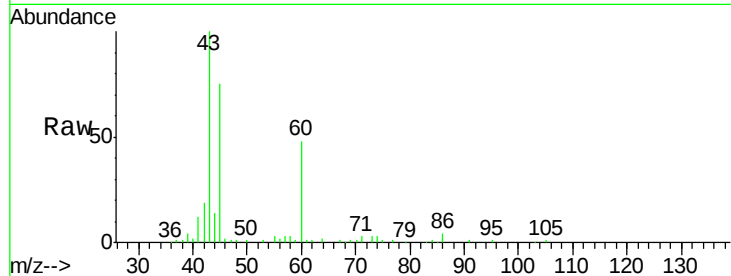


#54

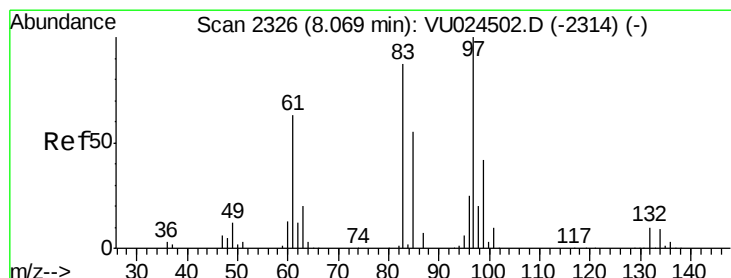
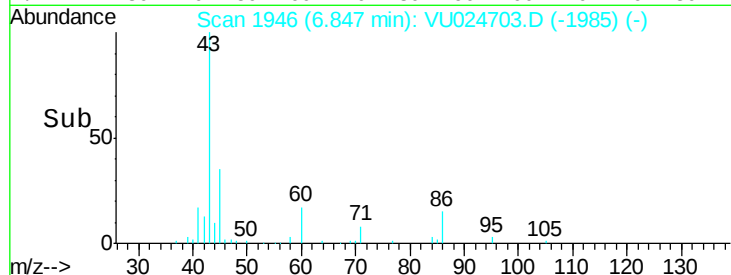
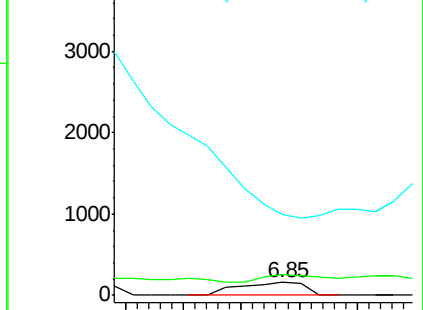
cis-1,3-Dichloropropene  
Concen: 436.446 ug/l  
RT: 6.85 min Scan# 1946  
Delta R.T. -0.42 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

Tgt Ion: 75 Resp: 124  
Ion Ratio Lower Upper  
75 100  
77 33.3 24.6 36.8  
39 0.0 39.8 59.6#



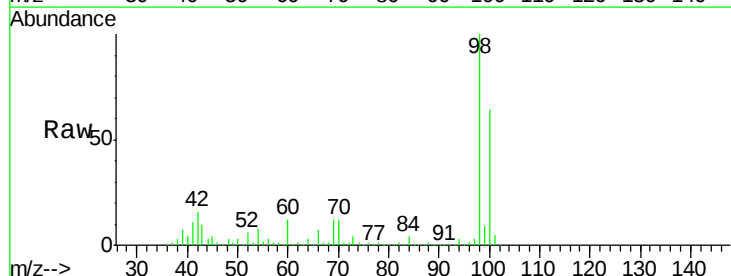
Abundance Ion 74.90 (74.60 to 75.60): VU0  
Ion 76.90 (76.60 to 77.60): VU0  
Ion 39.00 (38.70 to 39.70): VU0



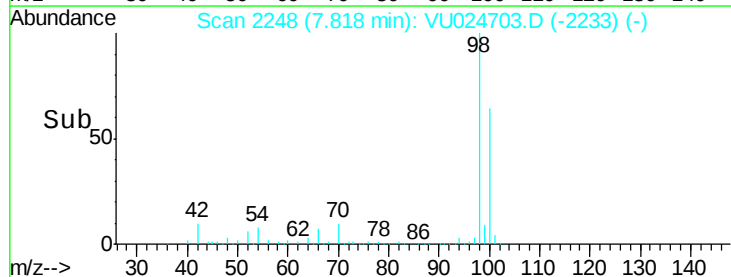
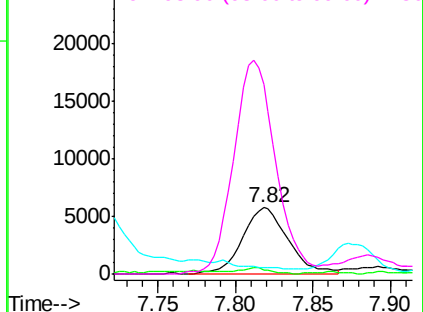
#55

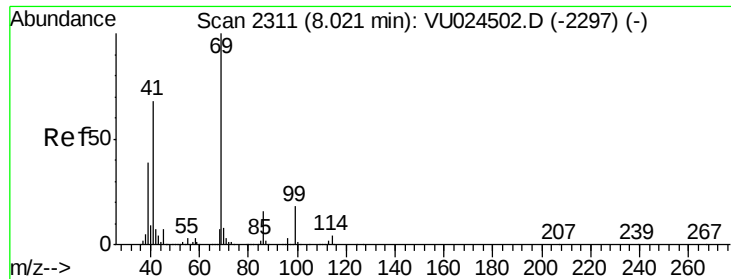
1,1,2-Trichloroethane  
Concen: 70455.458 ug/l  
RT: 7.82 min Scan# 2248  
Delta R.T. -0.25 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 97 Resp: 11722  
Ion Ratio Lower Upper  
97 100  
83 3.9 70.5 105.7#  
85 0.0 46.4 69.6#  
99 283.3 50.2 75.2#



Abundance Ion 96.90 (96.60 to 97.60): VU0  
Ion 82.90 (82.60 to 83.60): VU0  
Ion 84.90 (84.60 to 85.60): VU0  
Ion 98.90 (98.60 to 99.60): VU0

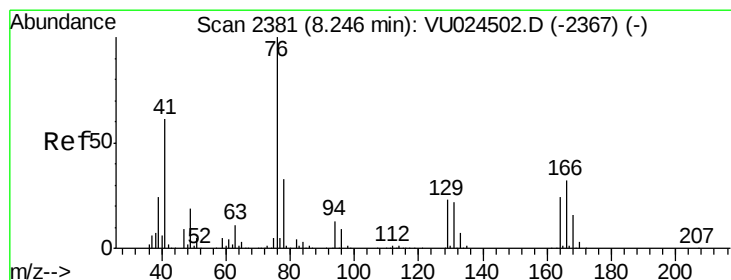
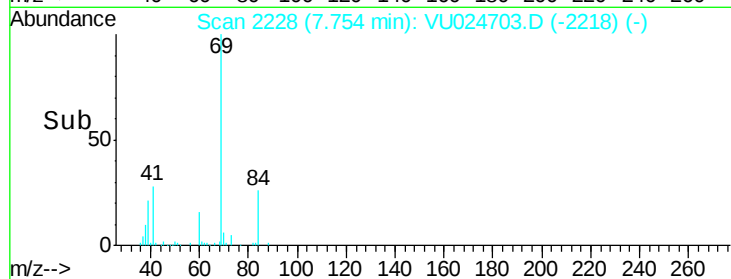
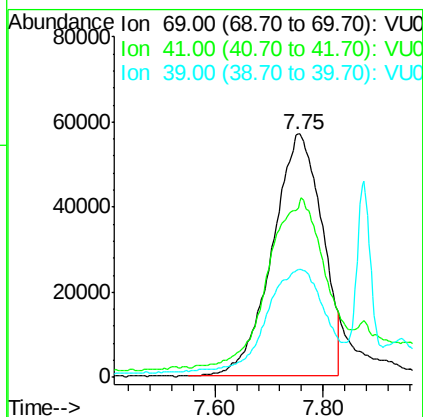
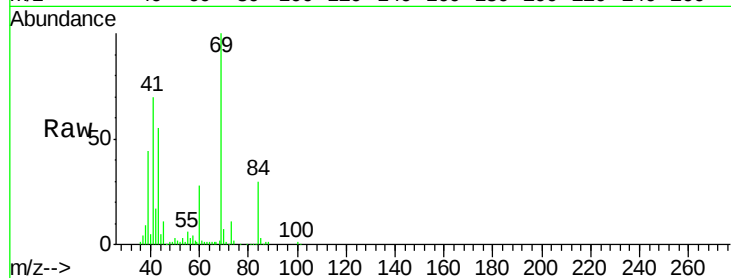




#56  
Ethyl methacrylate  
Concen: 1302526.912 ug/l  
RT: 7.75 min Scan# 2228  
Delta R.T. -0.27 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

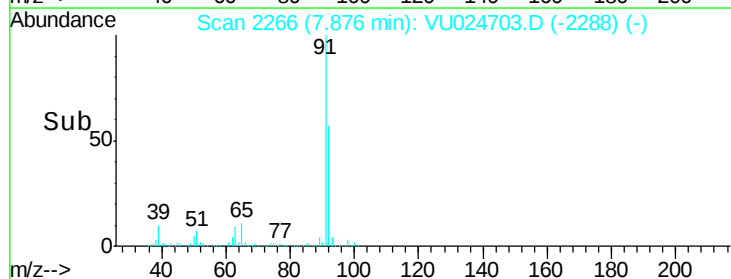
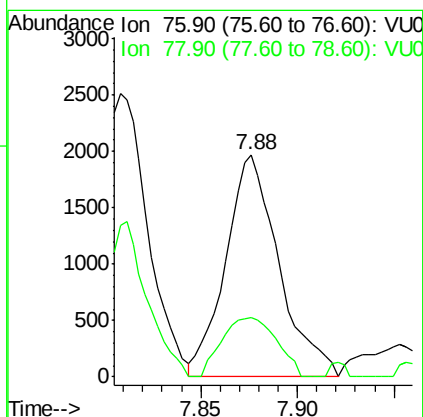
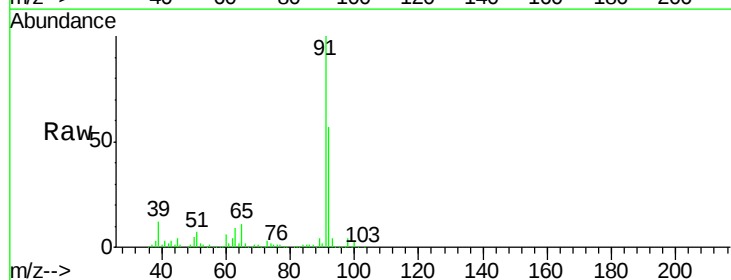
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

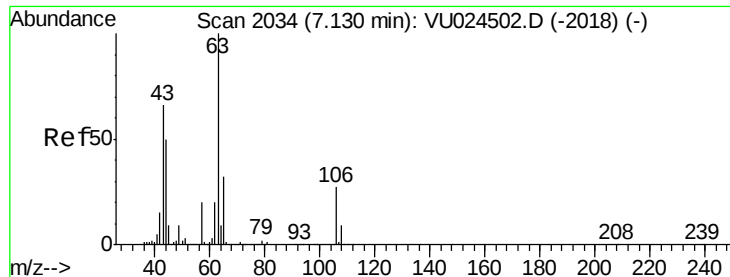
Tgt Ion: 69 Resp: 362711  
Ion Ratio Lower Upper  
69 100  
41 71.2 54.1 81.1  
39 45.3 30.3 45.5



#57  
1,3-Dichloropropane  
Concen: 13418.362 ug/l  
RT: 7.88 min Scan# 2266  
Delta R.T. -0.37 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 76 Resp: 3766  
Ion Ratio Lower Upper  
76 100  
78 27.5 25.2 37.8

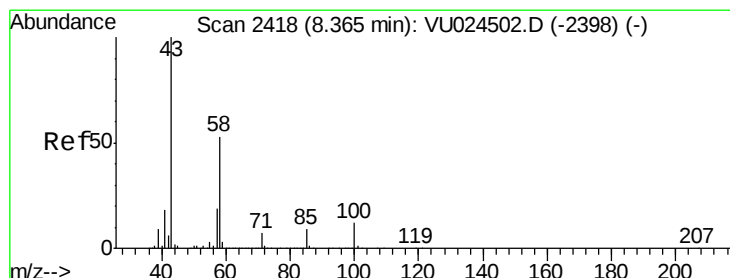
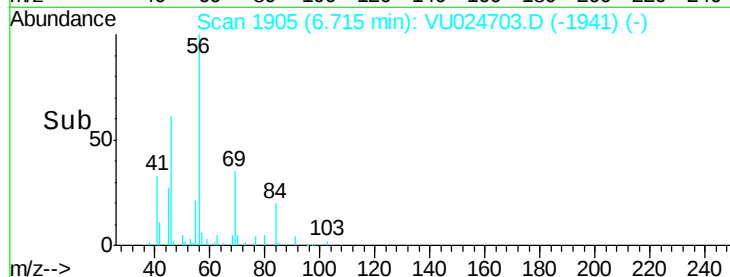
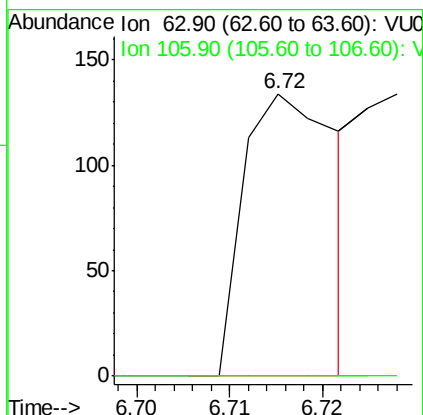
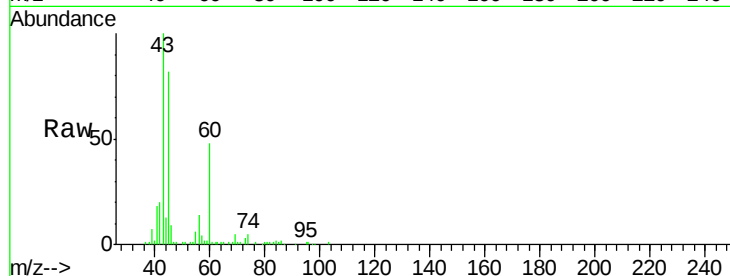




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 881.118 ug/l  
 RT: 6.72 min Scan# 1905  
 Delta R.T. -0.41 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

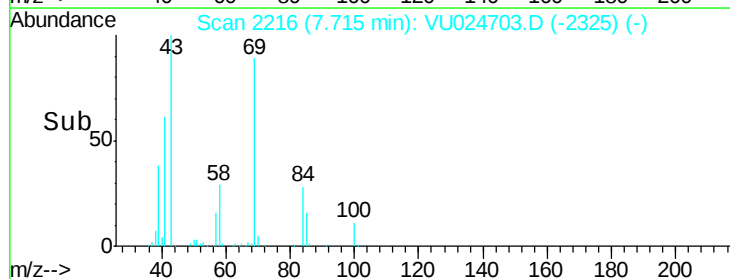
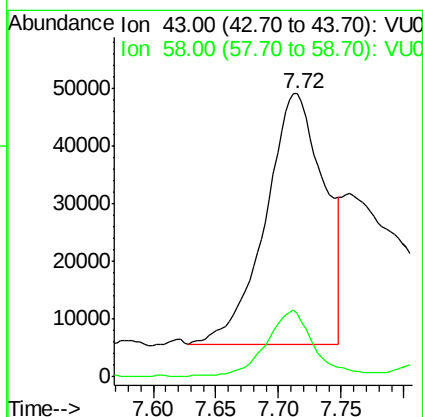
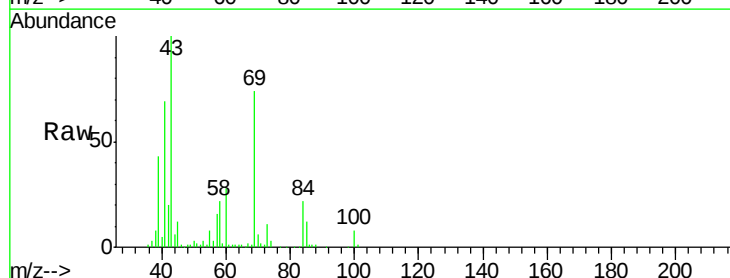
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

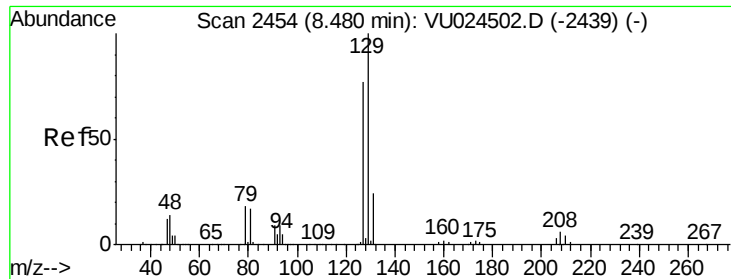
Tgt Ion: 63 Resp: 94  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 20.2 30.2#



#59  
 2-Hexanone  
 Concen: 654606.242 ug/l  
 RT: 7.72 min Scan# 2216  
 Delta R.T. -0.65 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 43 Resp: 141227  
 Ion Ratio Lower Upper  
 43 100  
 58 21.5 26.4 79.0#





#60

Dibromochloromethane

Concen: 110.860 ug/l

RT: 8.16 min Scan# 2353

Delta R.T. -0.32 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

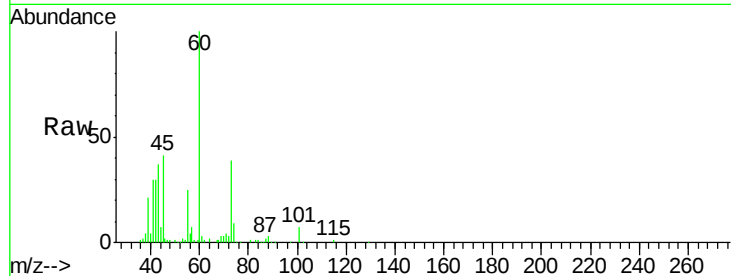
OILY-WATER

Tgt Ion:129 Resp: 23

Ion Ratio Lower Upper

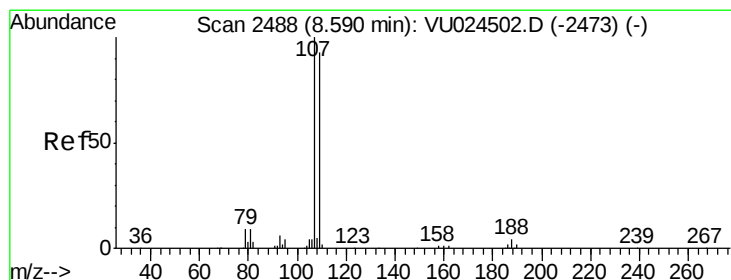
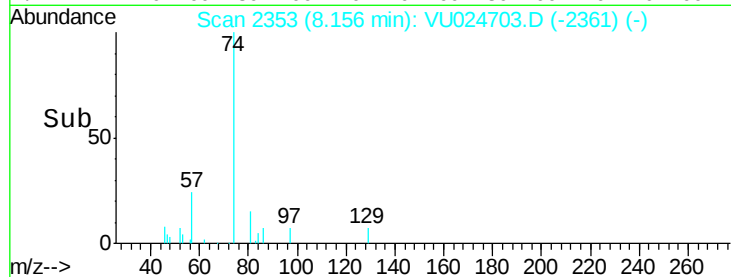
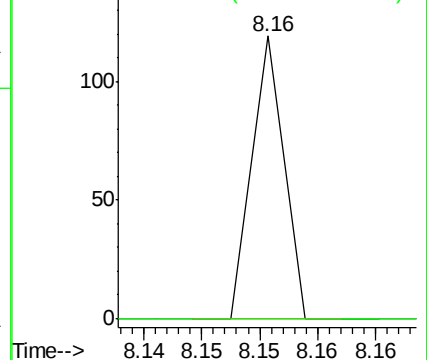
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 226.807 ug/l

RT: 8.22 min Scan# 2374

Delta R.T. -0.37 min

Lab File: VU024703.D

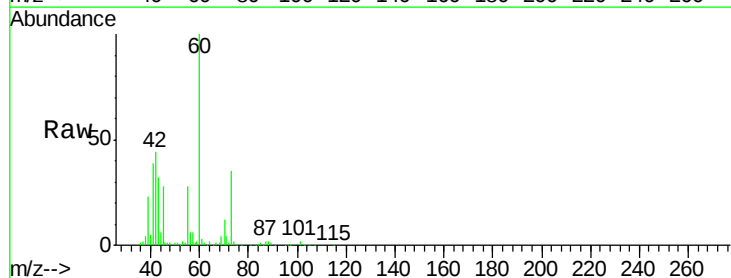
Acq: 18 Jun 2018 19:51

Tgt Ion:107 Resp: 42

Ion Ratio Lower Upper

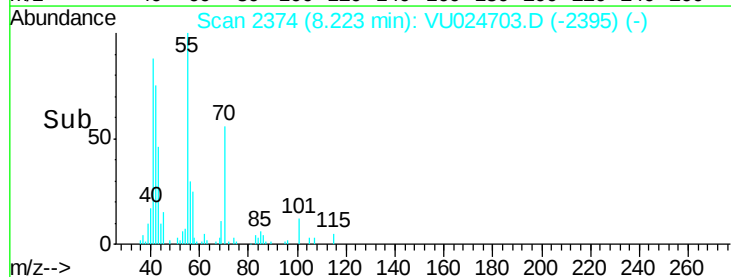
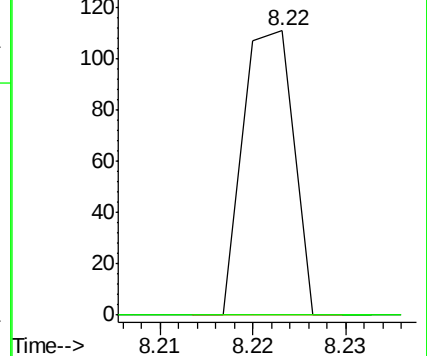
107 100

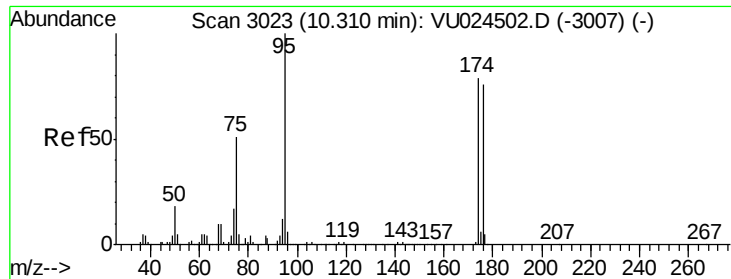
109 0.0 74.5 111.7#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 337.177 ug/l

RT: 9.71 min Scan# 2836

Delta R.T. -0.60 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

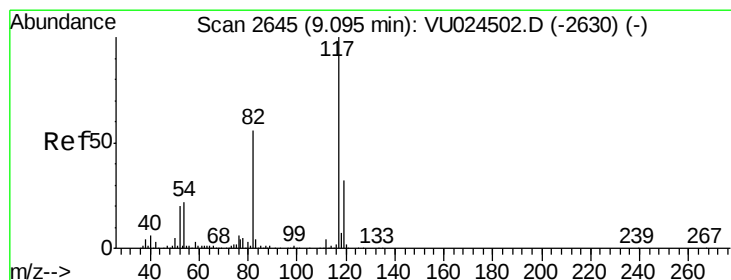
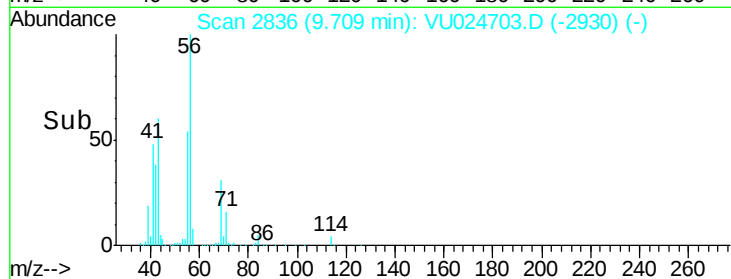
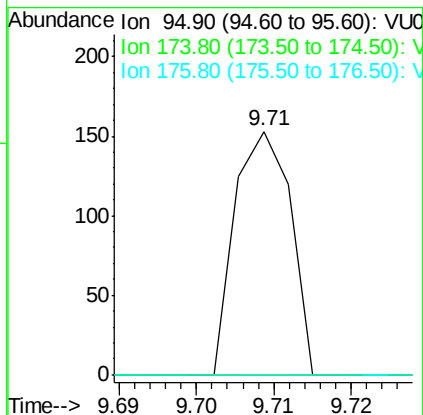
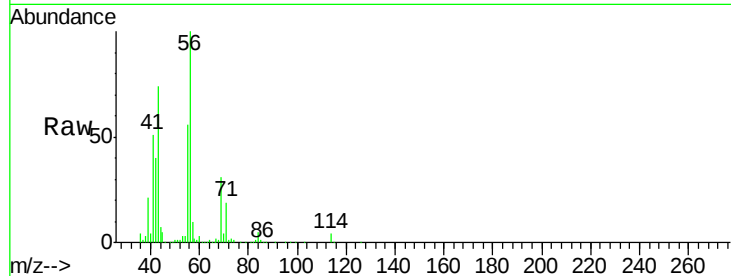
Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 77    |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 0.0   | 0.0   | 165.8 |
| 176      | 0.0   | 0.0   | 159.4 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

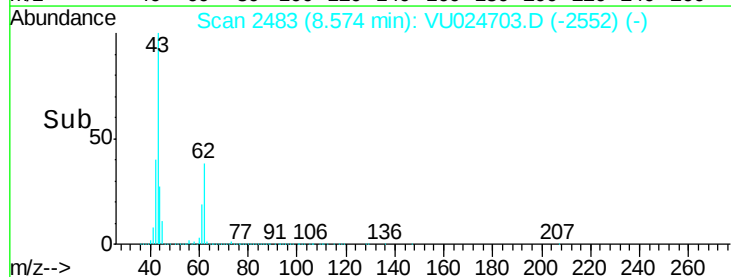
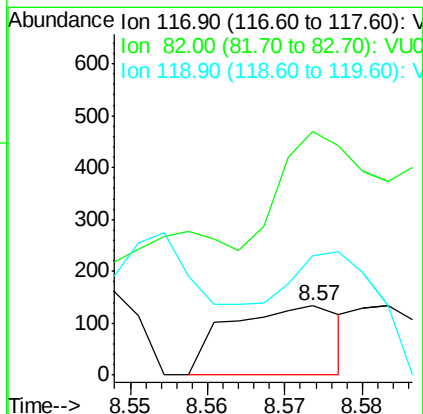
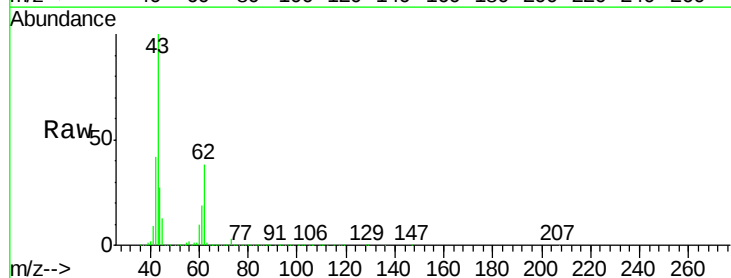
RT: 8.57 min Scan# 2483

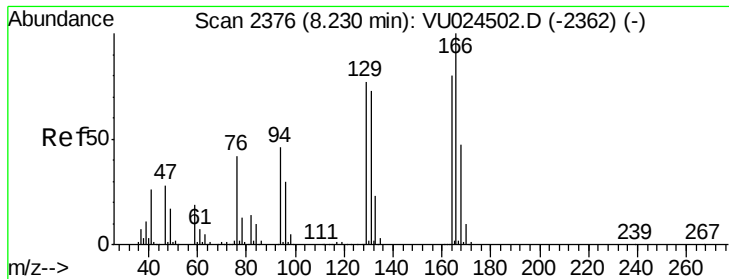
Delta R.T. -0.52 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 133   |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 142.5 | 44.3  | 66.5# |
| 119      | 29.9  | 25.4  | 38.2  |





#64

Tetrachloroethene

Concen: 257.076 ug/l

RT: 8.41 min Scan# 2432

Delta R.T. 0.18 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

OILY-WATER

Tgt Ion:164 Resp: 325

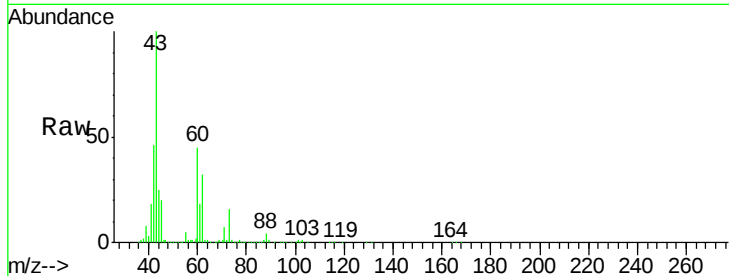
Ion Ratio Lower Upper

164 100

166 46.6 101.7 152.5#

129 100.0 76.9 115.3

131 76.1 74.9 112.3



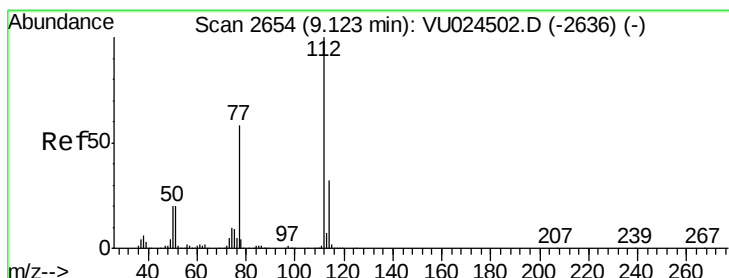
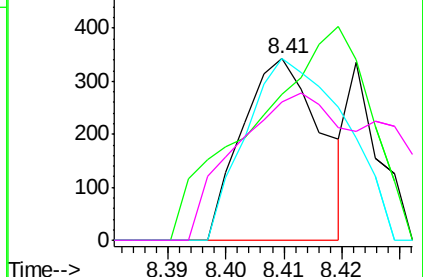
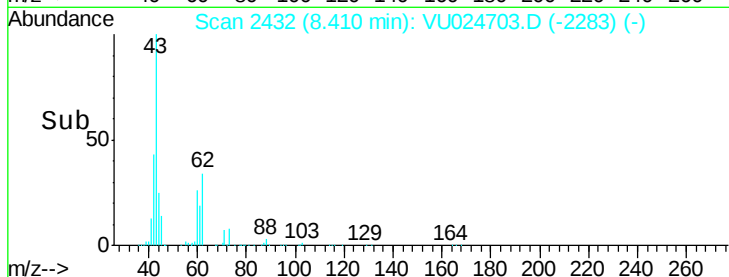
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#65

Chlorobenzene

Concen: 11.773 ug/l

RT: 9.17 min Scan# 2667

Delta R.T. 0.04 min

Lab File: VU024703.D

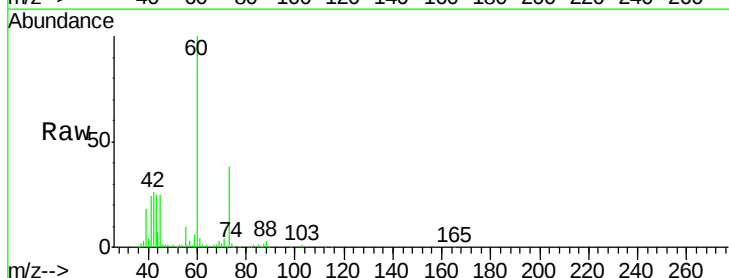
Acq: 18 Jun 2018 19:51

Tgt Ion:112 Resp: 40

Ion Ratio Lower Upper

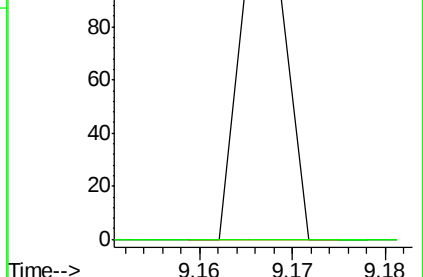
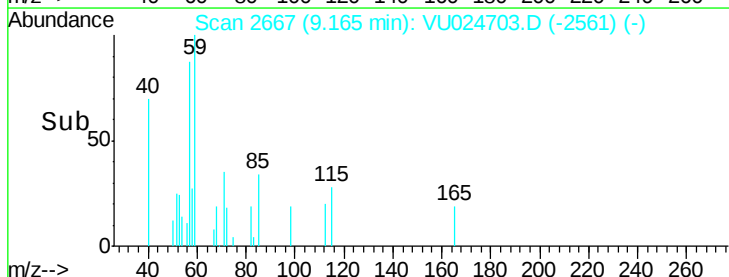
112 100

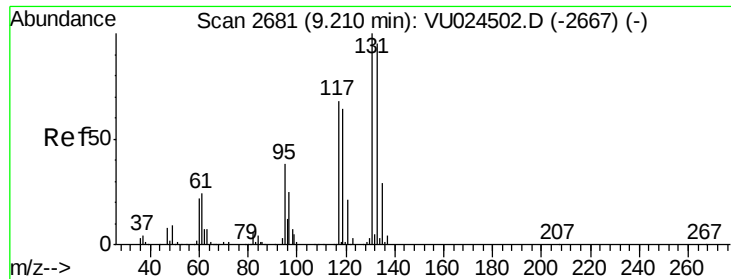
114 0.0 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 16.268 ug/l

RT: 8.95 min Scan# 2601

Delta R.T. -0.26 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

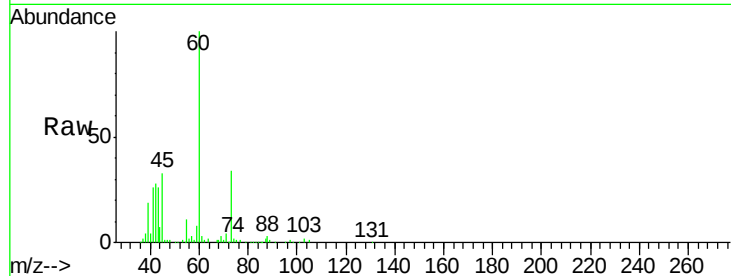
Instrument :

MSVOA\_U

ClientSampled :

OILY-WATER

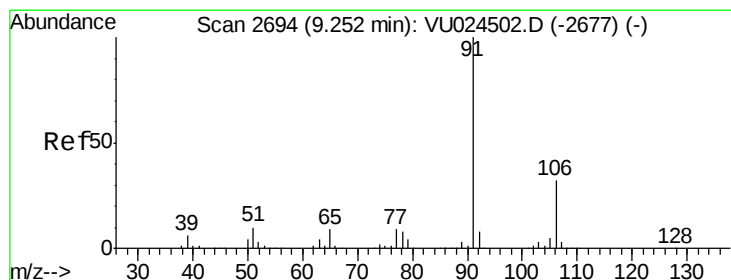
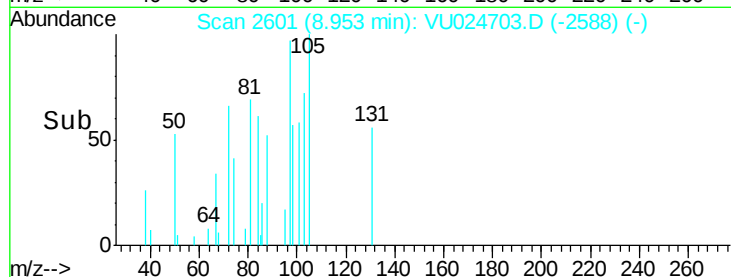
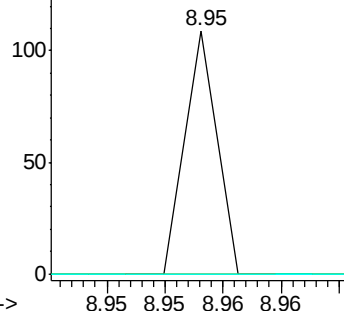
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 131   | Resp: | 21     |
| Ion      | Ratio | Lower | Upper  |
| 131      | 100   |       |        |
| 133      | 0.0   | 46.9  | 140.8# |
| 119      | 0.0   | 33.5  | 100.4# |



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



#67

Ethyl Benzene

Concen: 19289.952 ug/l

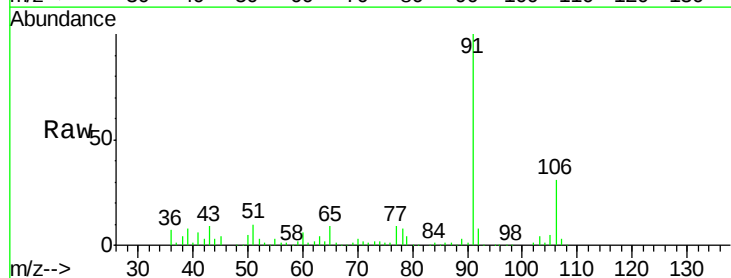
RT: 9.36 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VU024703.D

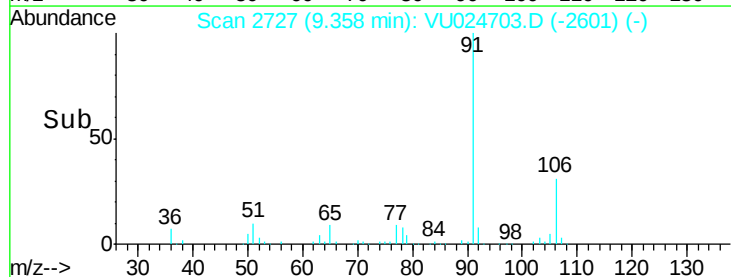
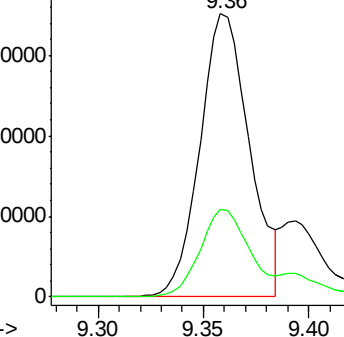
Acq: 18 Jun 2018 19:51

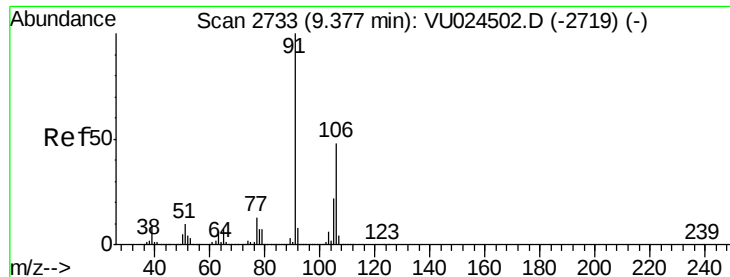
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 114898 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 106      | 30.9  | 24.2  | 36.4   |



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

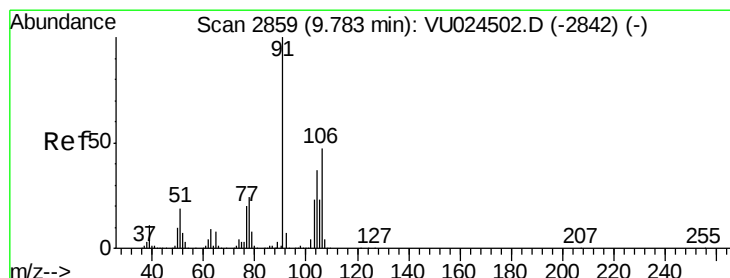
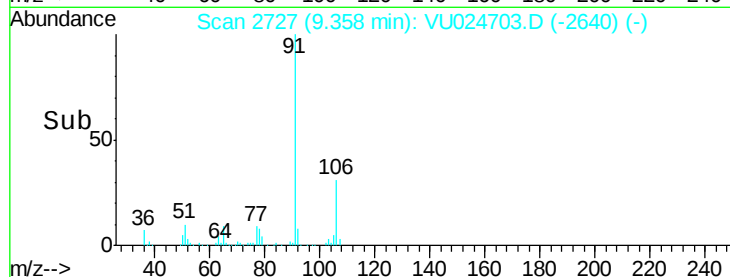
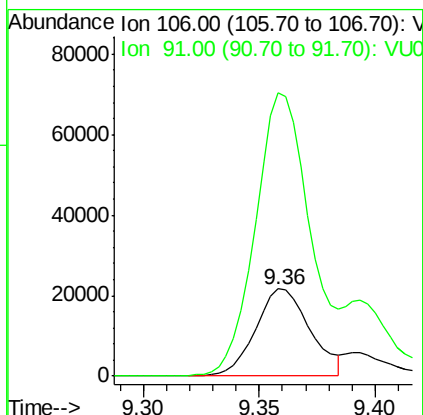
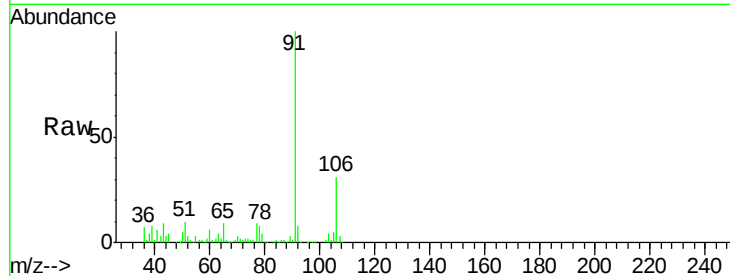




#68  
m/p-Xylenes  
Concen: 15582.957 ug/l  
RT: 9.36 min Scan# 2727  
Delta R.T. -0.02 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

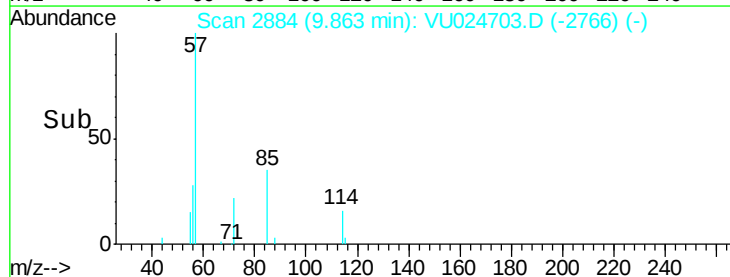
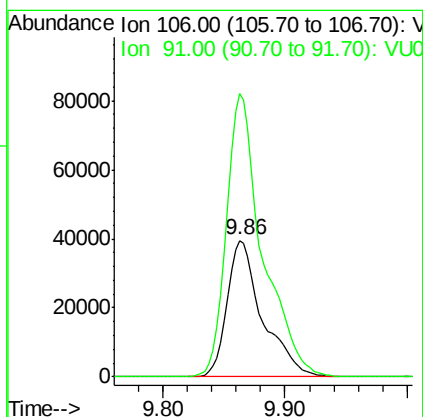
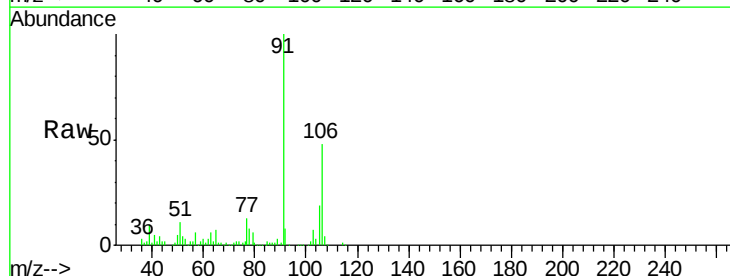
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

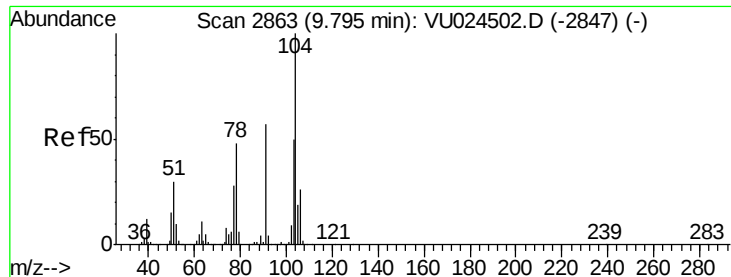
Tgt Ion:106 Resp: 35642  
Ion Ratio Lower Upper  
106 100  
91 322.4 166.5 249.7#



#69  
o-Xylene  
Concen: 35324.223 ug/l  
RT: 9.86 min Scan# 2884  
Delta R.T. 0.08 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion:106 Resp: 79960  
Ion Ratio Lower Upper  
106 100  
91 210.8 110.7 331.9

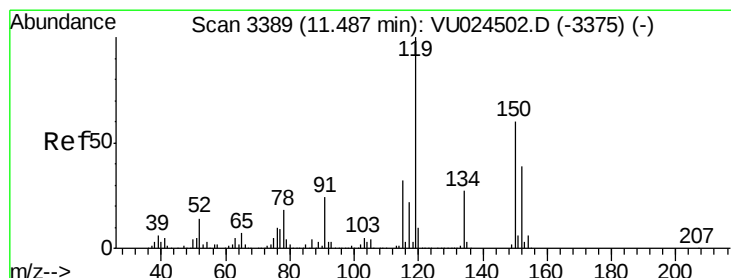
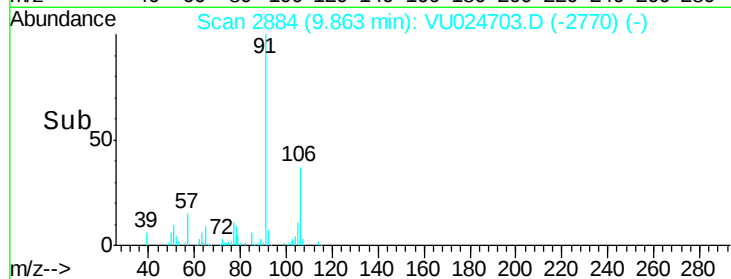
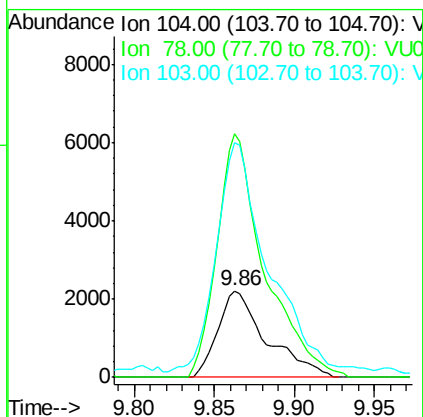
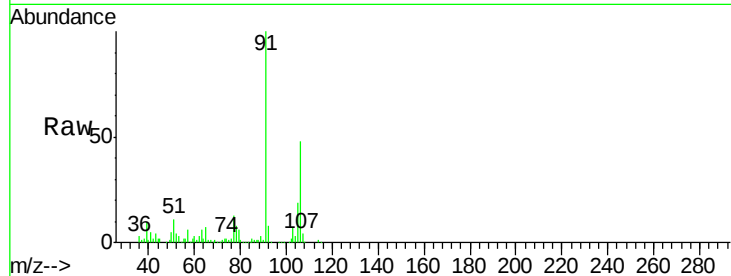




#70  
Styrene  
Concen: 1243.056 ug/l  
RT: 9.86 min Scan# 2884  
Delta R.T. 0.07 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

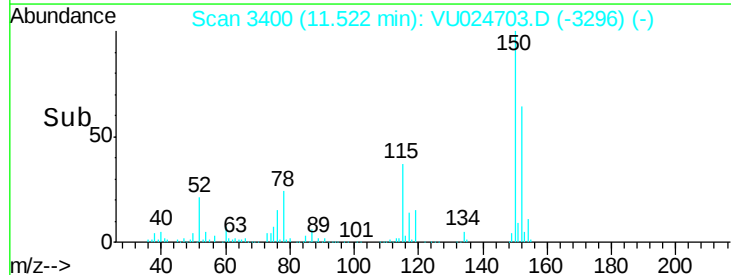
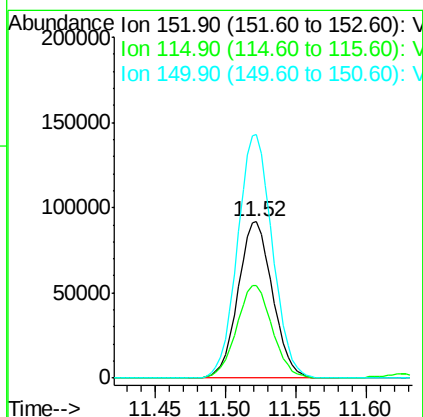
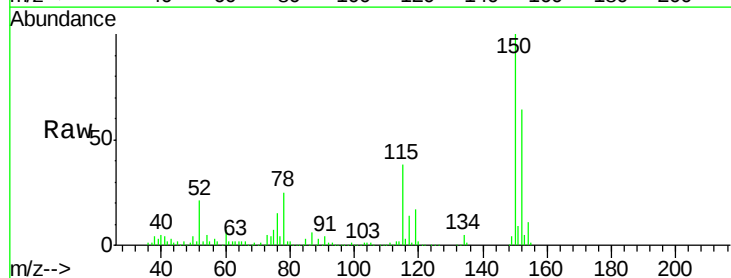
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

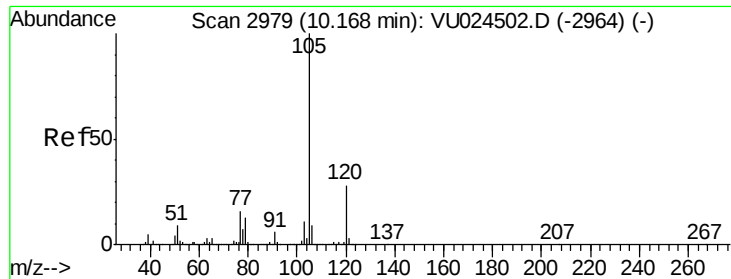
Tgt Ion:104 Resp: 4624  
Ion Ratio Lower Upper  
104 100  
78 274.1 40.6 60.8#  
103 281.5 44.7 67.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.52 min Scan# 3400  
Delta R.T. 0.04 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion:152 Resp: 157674  
Ion Ratio Lower Upper  
152 100  
115 60.4 43.0 129.0  
150 156.8 0.0 354.0





#73

Isopropylbenzene

Concen: 0.300 ug/l

RT: 10.23 min Scan# 2999

Delta R.T. 0.06 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

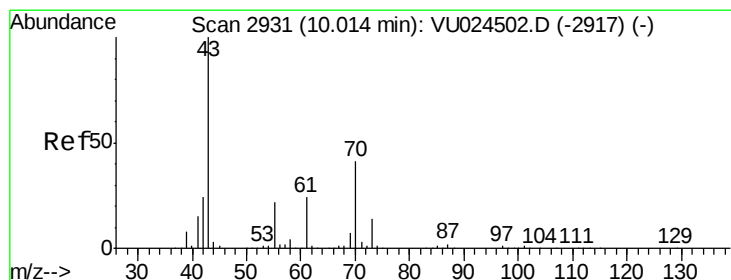
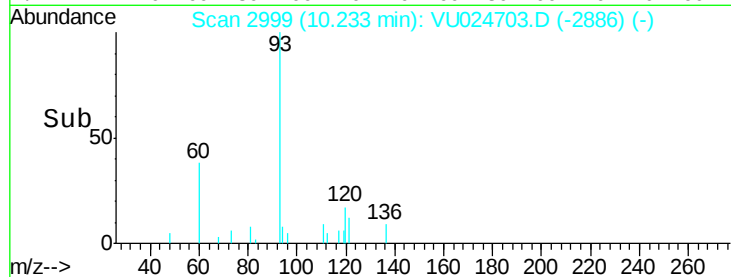
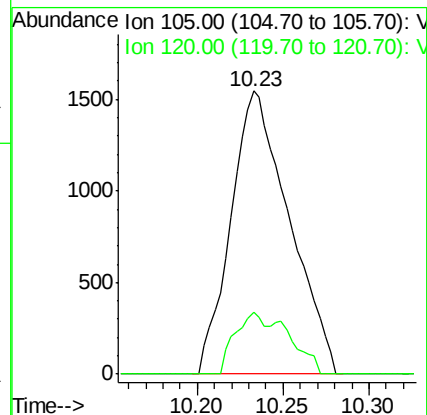
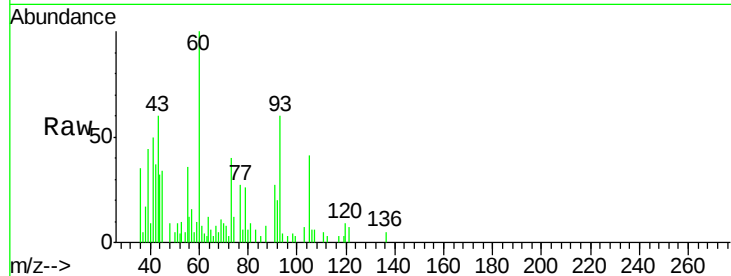
OILY-WATER

Tgt Ion:105 Resp: 3630

Ion Ratio Lower Upper

105 100

120 12.2 13.2 39.6#



#74

N-ethyl acetate

Concen: 17.343 ug/l

RT: 9.99 min Scan# 2923

Delta R.T. -0.03 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Tgt Ion: 43 Resp: 99860

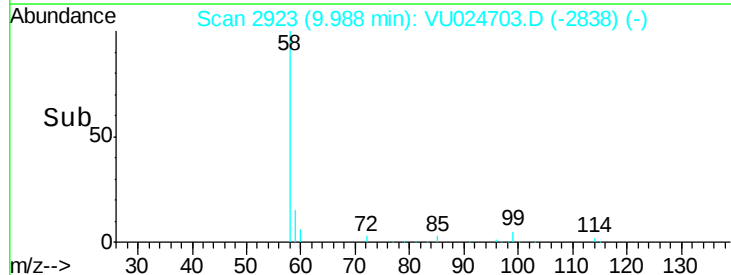
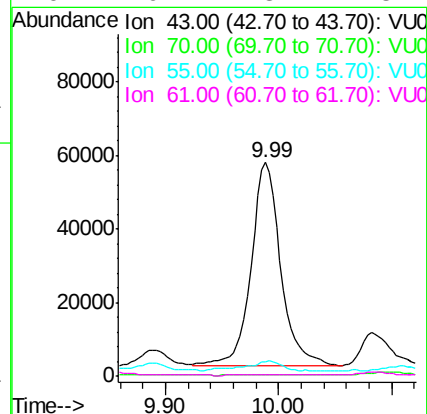
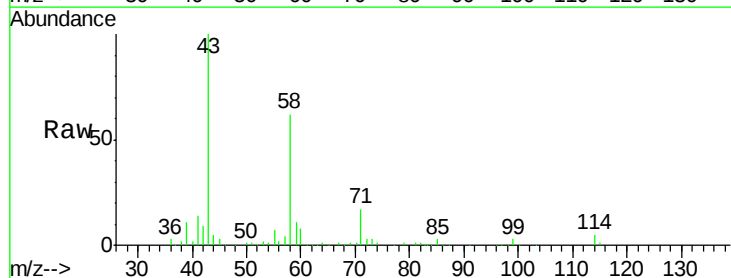
Ion Ratio Lower Upper

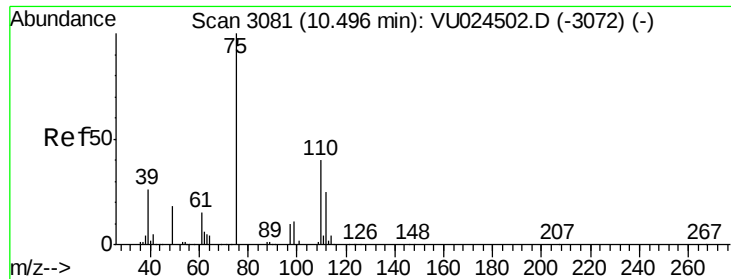
43 100

70 0.0 32.2 48.4#

55 0.0 20.5 30.7#

61 0.1 18.7 28.1#

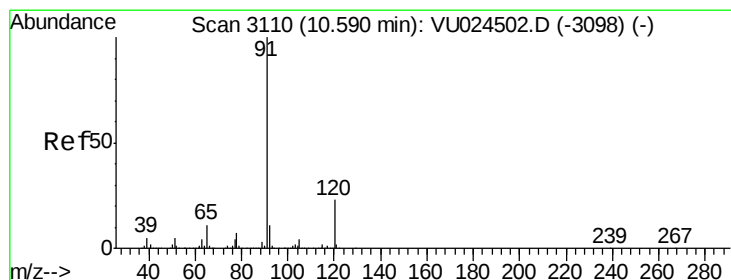
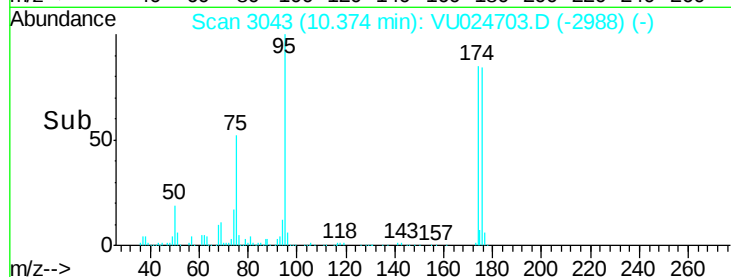
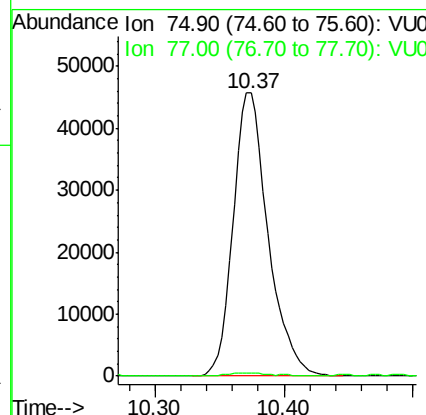
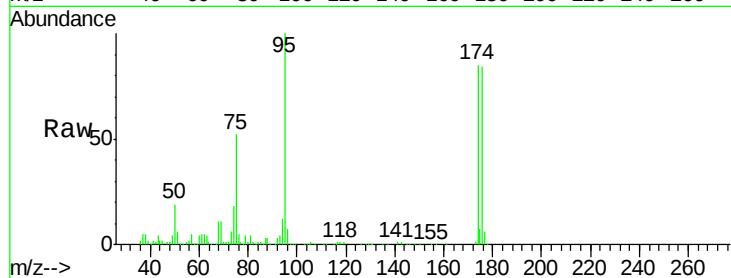




#76  
 1,2,3-Trichloropropane  
 Concen: 24.741 ug/l  
 RT: 10.37 min Scan# 3043  
 Delta R.T. -0.12 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

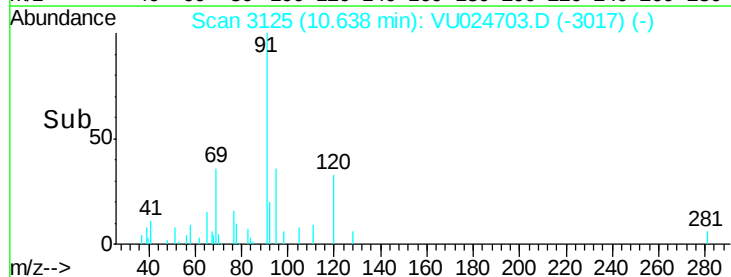
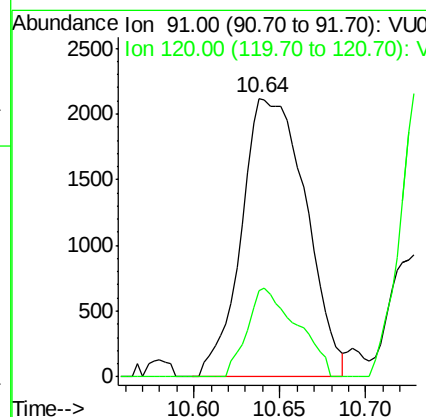
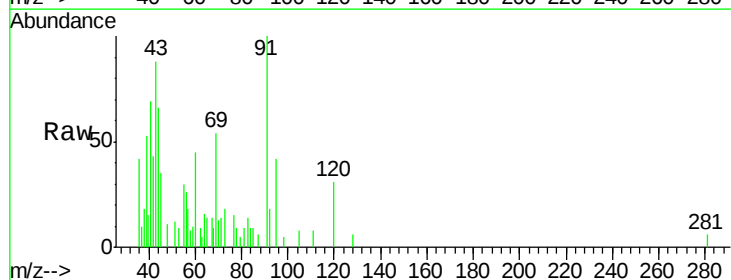
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

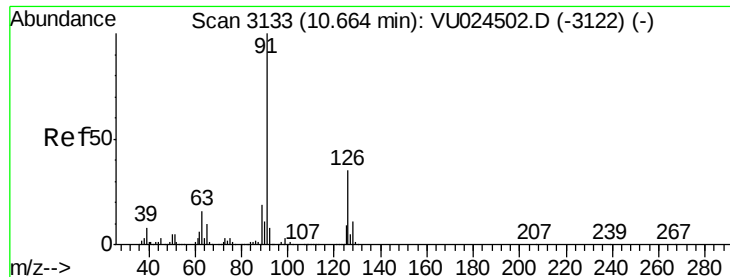
Tgt Ion: 75 Resp: 85885  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 20.9 62.7#



#78  
 n-propylbenzene  
 Concen: 0.386 ug/l  
 RT: 10.64 min Scan# 3125  
 Delta R.T. 0.05 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 91 Resp: 5504  
 Ion Ratio Lower Upper  
 91 100  
 120 24.7 11.2 33.5

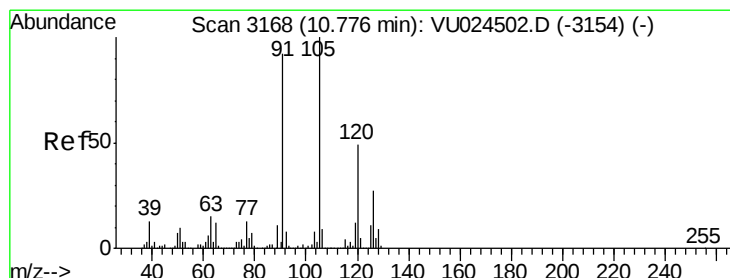
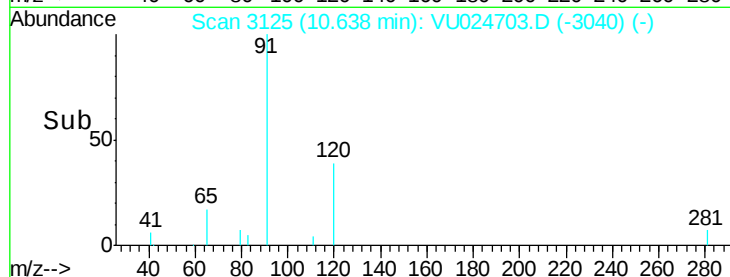
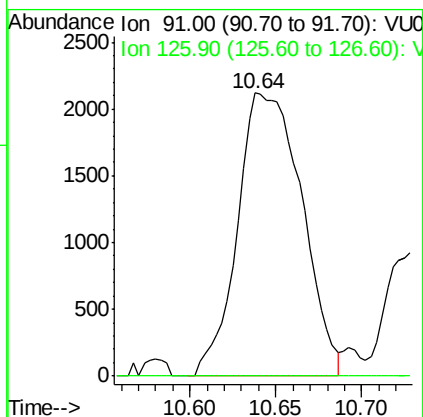
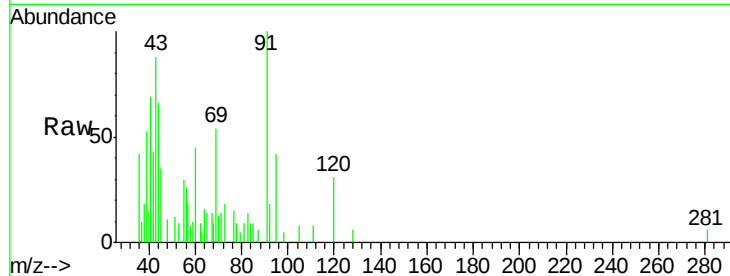




#79  
 2-Chlorotoluene  
 Concen: 0.654 ug/l  
 RT: 10.64 min Scan# 3125  
 Delta R.T. -0.03 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

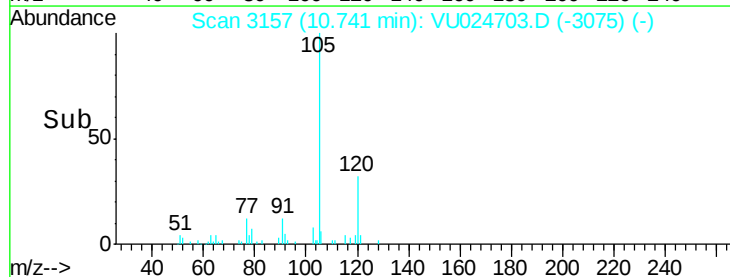
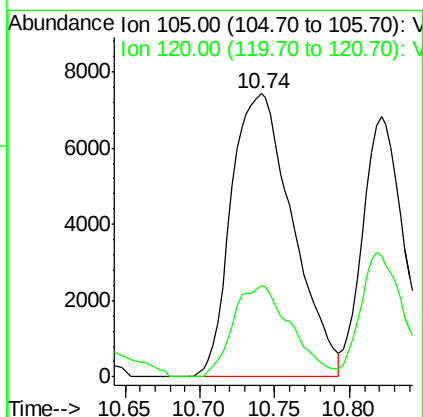
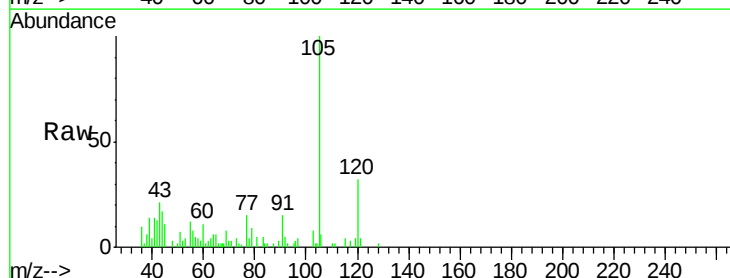
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

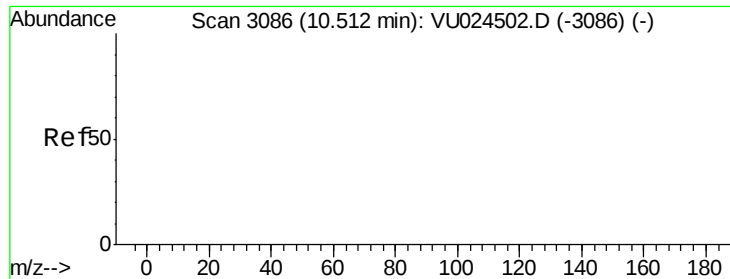
Tgt Ion: 91 Resp: 5504  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 16.9 50.7#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.017 ug/l  
 RT: 10.74 min Scan# 3157  
 Delta R.T. -0.04 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion: 105 Resp: 21161  
 Ion Ratio Lower Upper  
 105 100  
 120 30.5 24.1 72.2

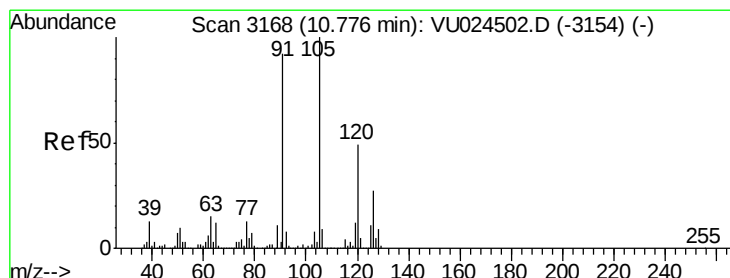
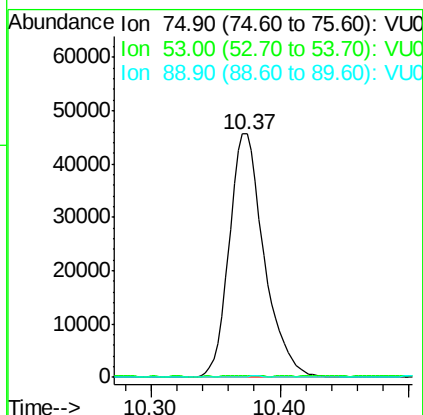
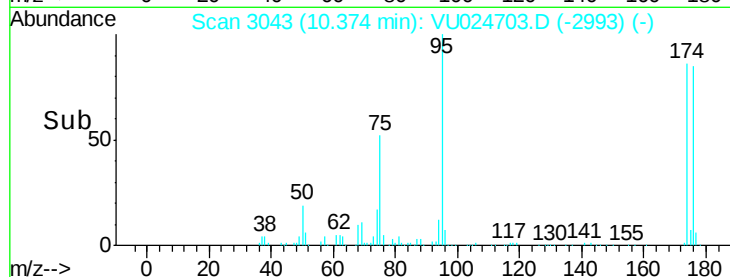
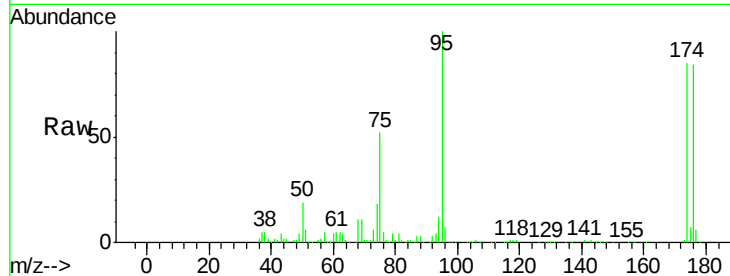




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.260 ug/l  
RT: 10.37 min Scan# 3043  
Delta R.T. -0.14 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

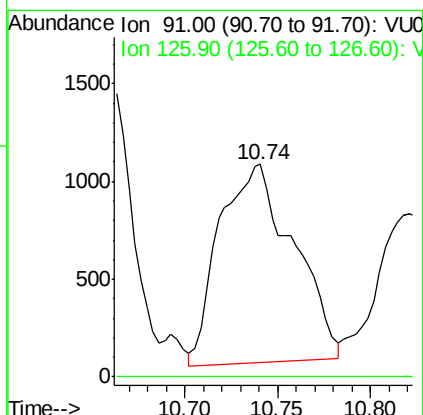
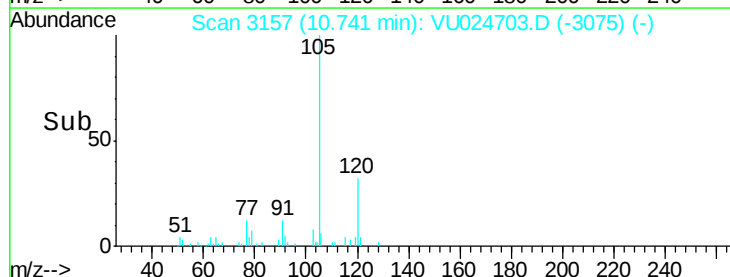
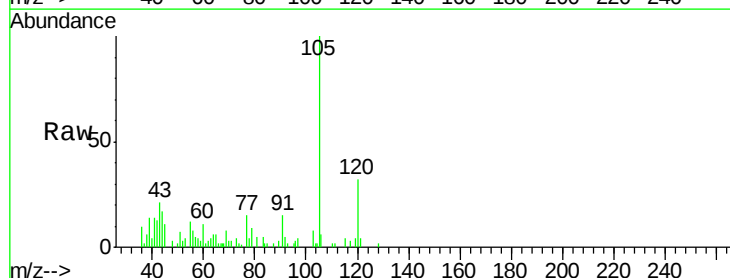
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

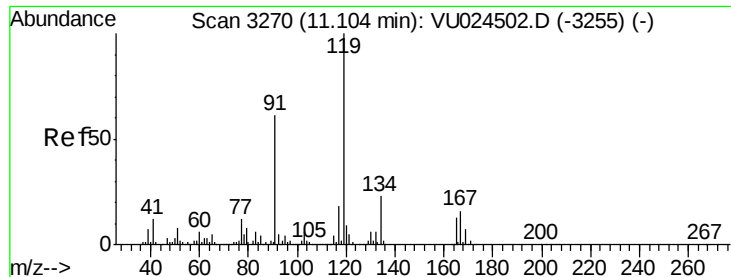
Tgt Ion: 75 Resp: 85885  
Ion Ratio Lower Upper  
75 100  
53 0.2 0.0 0.0#  
89 0.5 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 0.289 ug/l  
RT: 10.74 min Scan# 3157  
Delta R.T. -0.04 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Tgt Ion: 91 Resp: 2827  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.9 44.9#

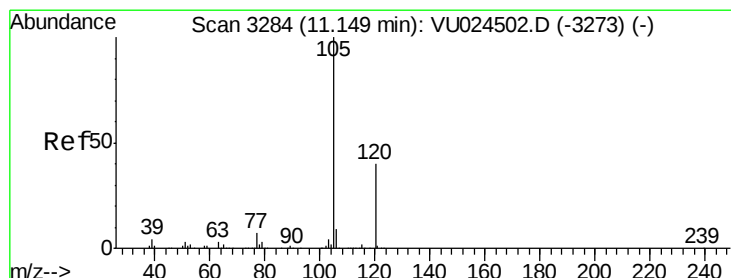
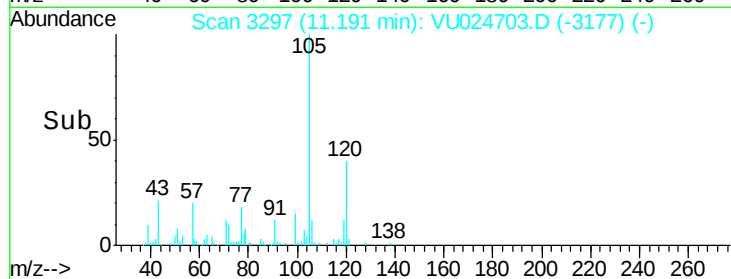
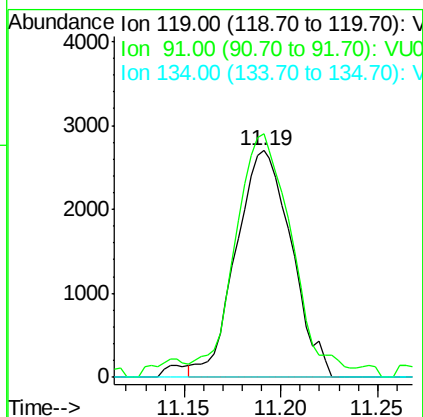
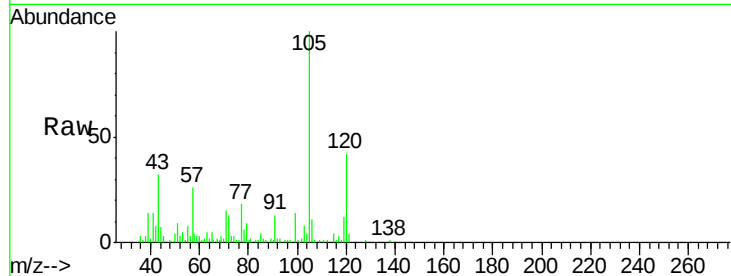




#83  
 tert-Butylbenzene  
 Concen: 0.532 ug/l  
 RT: 11.19 min Scan# 3297  
 Delta R.T. 0.09 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

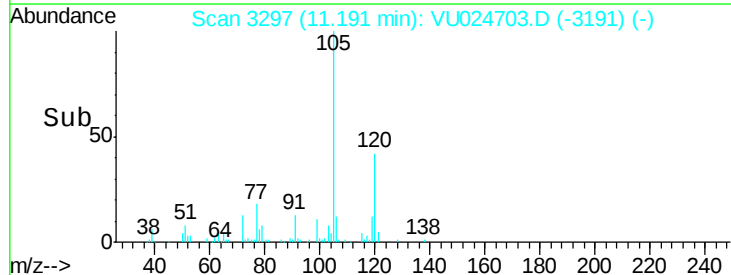
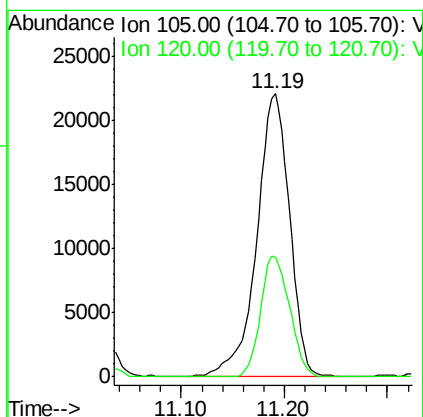
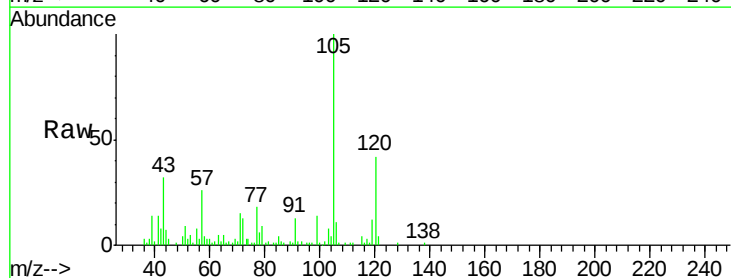
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 OILY-WATER

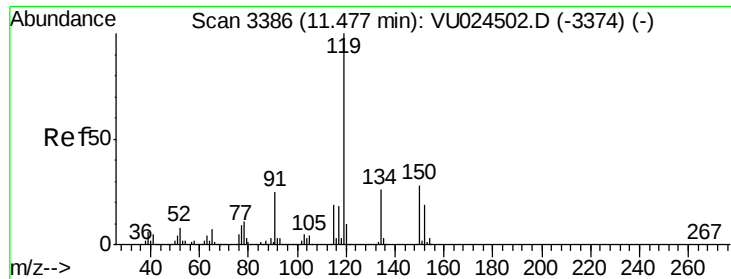
Tgt Ion:119 Resp: 5365  
 Ion Ratio Lower Upper  
 119 100  
 91 103.6 29.7 89.1#  
 134 0.0 11.6 34.7#



#84  
 1,2,4-Trimethylbenzene  
 Concen: 4.552 ug/l  
 RT: 11.19 min Scan# 3297  
 Delta R.T. 0.04 min  
 Lab File: VU024703.D  
 Acq: 18 Jun 2018 19:51

Tgt Ion:105 Resp: 48676  
 Ion Ratio Lower Upper  
 105 100  
 120 37.6 22.6 67.8

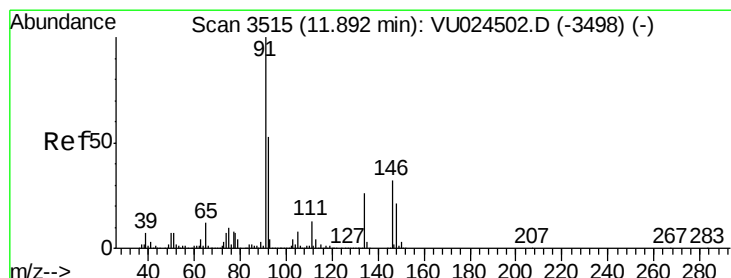
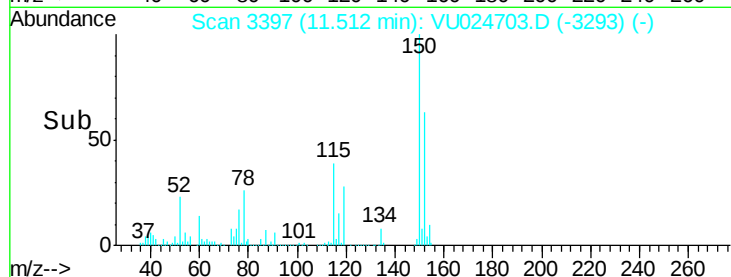
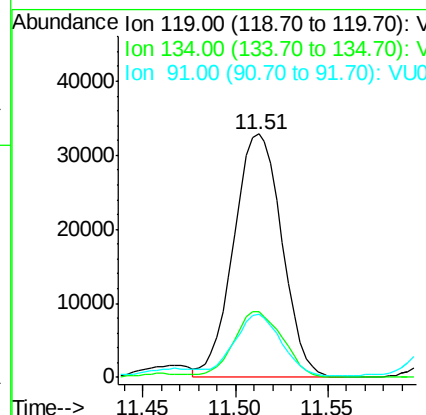
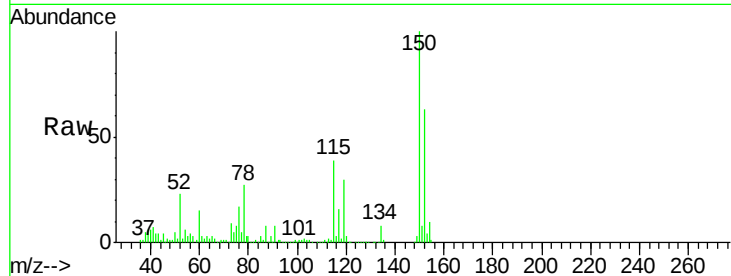




#86  
p-Isopropyltoluene  
Concen: 5.251 ug/l  
RT: 11.51 min Scan# 3397  
Delta R.T. 0.04 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

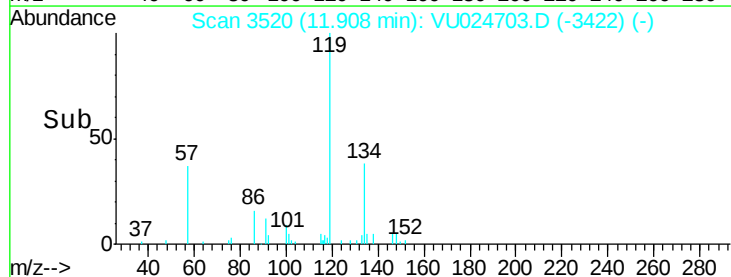
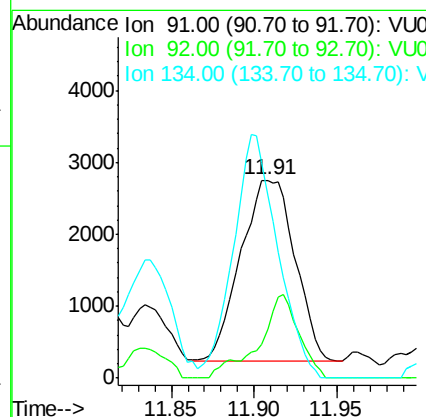
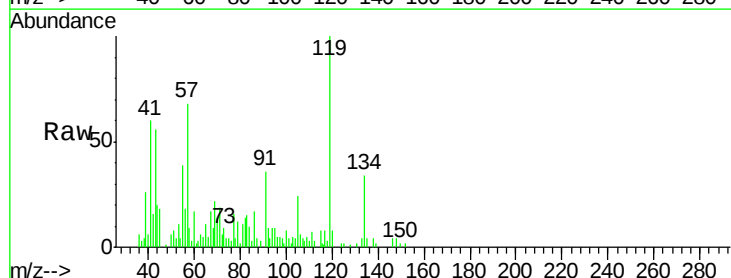
Instrument :  
MSVOA\_U  
ClientSampleId :  
OILY-WATER

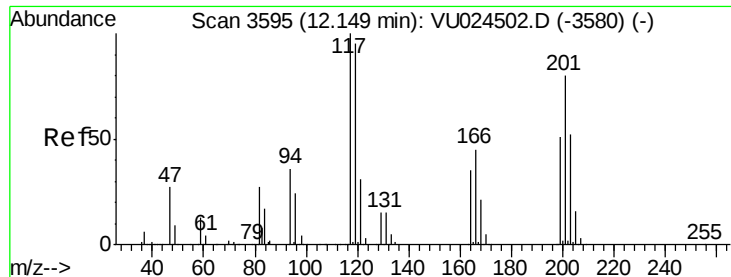
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.2  | 12.9  | 38.6  |
| 91      | 24.1  | 12.0  | 36.1  |



#89  
n-Butylbenzene  
Concen: 0.567 ug/l  
RT: 11.91 min Scan# 3520  
Delta R.T. 0.02 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 33.9  | 25.6  | 76.8  |
| 134     | 110.3 | 12.3  | 36.8# |





#90

Hexachloroethane

Concen: 0.611 ug/l

RT: 12.17 min Scan# 3603

Delta R.T. 0.03 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

Instrument :

MSVOA\_U

ClientSampleId :

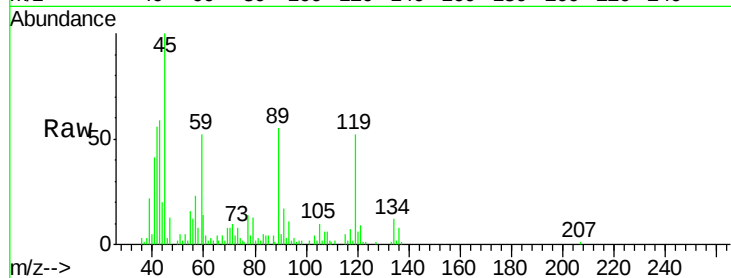
OILY-WATER

Tgt Ion: 117 Resp: 1349

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.17

800

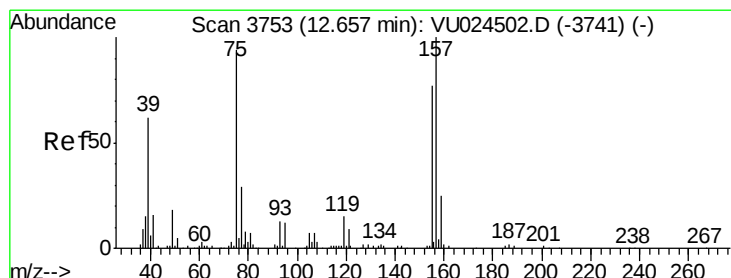
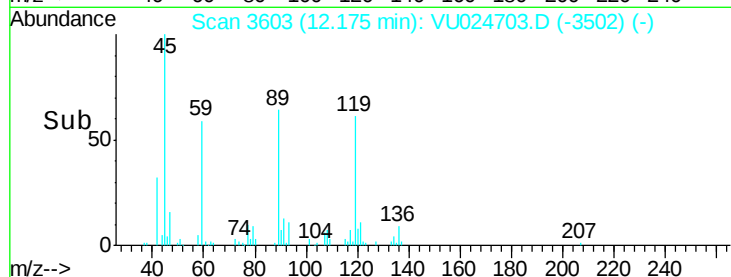
600

400

200

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.289 ug/l

RT: 12.63 min Scan# 3745

Delta R.T. -0.03 min

Lab File: VU024703.D

Acq: 18 Jun 2018 19:51

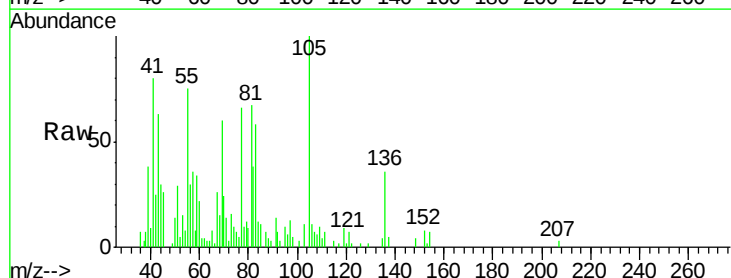
Tgt Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.63

400

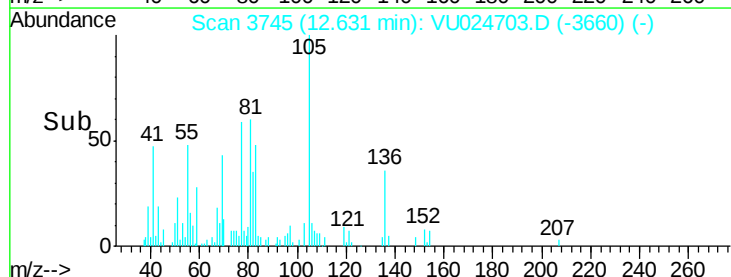
300

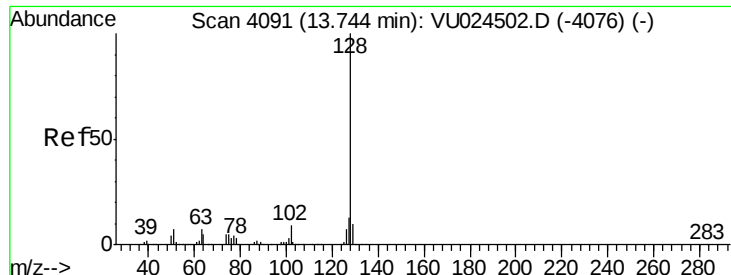
200

100

0

Time-->





#95  
Naphthalene  
Concen: 34.246 ug/l  
RT: 13.75 min Scan# 4094  
Delta R.T. 0.01 min  
Lab File: VU024703.D  
Acq: 18 Jun 2018 19:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.6  | 16.0  |
| 129     | 11.1  | 8.6   | 12.8  |

