

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\  
 Data File : VU024928.D  
 Acq On : 26 Jun 2018 18:33  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 6/28/2018 4:38:07 PM

Quant Time: Jun 27 04:25:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 175956   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 269355   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 254461   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 165609   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 5.31   | 65  | 124668   | 43.40 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.80% |      |
| 35) Dibromofluoromethane  | 4.89   | 113 | 102049   | 45.65 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.30% |      |
| 50) Toluene-d8            | 7.57   | 98  | 351819   | 43.15 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.30% |      |
| 62) 4-Bromofluorobenzene  | 10.31  | 95  | 147479   | 45.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.10% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 99507   | 45.18  | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 105745  | 47.00  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 112511  | 48.49  | ug/l | 100    |
| 5) Bromomethane               | 1.61 | 94  | 66749   | 59.50  | ug/l | 99     |
| 6) Chloroethane               | 1.69 | 64  | 72449   | 56.00  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.88 | 101 | 186884  | 52.77  | ug/l | 100    |
| 8) Diethyl Ether              | 2.10 | 74  | 69910   | 58.32  | ug/l | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 109919  | 50.03  | ug/l | 98     |
| 10) Methyl Iodide             | 2.41 | 142 | 114898  | 60.55  | ug/l | 98     |
| 11) Tert butyl alcohol        | 2.83 | 59  | 167530  | 239.80 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 101140  | 50.48  | ug/l | 96     |
| 13) Acrolein                  | 2.19 | 56  | 44369   | 120.94 | ug/l | 95     |
| 14) Allyl chloride            | 2.59 | 41  | 175701  | 47.23  | ug/l | 99     |
| 15) Acrylonitrile             | 2.93 | 53  | 342145  | 251.72 | ug/l | 99     |
| 16) Acetone                   | 2.32 | 43  | 369723  | 239.55 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.48 | 76  | 295230  | 46.02  | ug/l | 100    |
| 18) Methyl Acetate            | 2.62 | 43  | 188693  | 57.03  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73  | 399430  | 53.04  | ug/l | 97     |
| 20) Methylene Chloride        | 2.70 | 84  | 124875  | 51.56  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96  | 114173  | 51.74  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.57 | 45  | 385625  | 52.29  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.53 | 43  | 1671247 | 252.99 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.45 | 63  | 219726  | 51.79  | ug/l | 99     |
| 25) 2-Butanone                | 4.26 | 43  | 524189  | 252.85 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.23 | 77  | 198098  | 49.18  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96  | 133500  | 52.62  | ug/l | 99     |
| 28) Bromochloromethane        | 4.55 | 49  | 89030   | 47.65  | ug/l | 86     |
| 29) Tetrahydrofuran           | 4.63 | 42  | 316486  | 246.52 | ug/l | 96     |
| 30) Chloroform                | 4.68 | 83  | 233280  | 54.33  | ug/l | 98     |
| 31) Cyclohexane               | 5.00 | 56  | 202028  | 53.78  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97  | 211075  | 53.16  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 5.14 | 75  | 170630  | 53.91  | ug/l | 97     |
| 37) Ethyl Acetate             | 4.38 | 43  | 185501  | 53.77  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.14 | 117 | 192641  | 55.35  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 6/28/2018 4:38:07 PM

Quant Time: Jun 27 04:25:28 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          | 6.42  | 83   | 213655   | 54.09   | ug/l   | 96       |
| 40) Benzene                    | 5.39  | 78   | 494932   | 54.88   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.54  | 41   | 103332   | 55.56   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 5.41  | 62   | 201290   | 58.60   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 5.55  | 43   | 303914   | 50.97   | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 137610   | 53.61   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.44  | 63   | 132755   | 55.17   | ug/l   | 98       |
| 46) Dibromomethane             | 6.56  | 93   | 94025    | 55.63   | ug/l   | 95       |
| 47) Bromodichloromethane       | 6.76  | 83   | 182658   | 54.27   | ug/l   | 100      |
| 48) Methyl methacrylate        | 6.62  | 41   | 159489   | 54.93   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 6.62  | 88   | 74482    | 1311.66 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 985399   | 263.03  | ug/l   | 98       |
| 52) Toluene                    | 7.64  | 92   | 321480   | 55.40   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 198842   | 52.60   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 209940   | 52.12   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 131252   | 55.65   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 206923   | 52.42   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.25  | 76   | 221708   | 55.72   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 125112   | 82.72   | ug/l   | 97       |
| 59) 2-Hexanone                 | 8.36  | 43   | 807209   | 263.92  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.48  | 129  | 151654   | 51.56   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 143895   | 54.81   | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.23  | 164  | 132798   | 54.90   | ug/l   | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 366524   | 56.38   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 138698   | 56.16   | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.25  | 91   | 644204   | 56.53   | ug/l   | 97       |
| 68) m/p-Xylenes                | 9.38  | 106  | 504517   | 115.29  | ug/l   | 98       |
| 69) o-Xylene                   | 9.78  | 106  | 251259   | 58.02   | ug/l   | 96       |
| 70) Styrene                    | 9.80  | 104  | 401796   | 56.46   | ug/l   | 99       |
| 71) Bromoform                  | 9.96  | 173  | 120721   | 51.43   | ug/l # | 98       |
| 73) Isopropylbenzene           | 10.17 | 105  | 682904   | 53.71   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 290589   | 48.05   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 220594   | 51.77   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.50 | 75   | 188399m  | 51.67   | ug/l   |          |
| 77) Bromobenzene               | 10.45 | 156  | 171483   | 53.27   | ug/l   | 95       |
| 78) n-propylbenzene            | 10.59 | 91   | 784857   | 52.40   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 467844   | 52.97   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.78 | 105  | 594229   | 53.92   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.51 | 75   | 74804m   | 47.48   | ug/l   |          |
| 82) 4-Chlorotoluene            | 10.78 | 91   | 548346   | 53.34   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.10 | 119  | 588382   | 55.50   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 610137   | 54.33   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.33 | 105  | 714666   | 53.86   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 639253   | 53.79   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 324183   | 54.51   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 327532   | 54.72   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 539444   | 51.13   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.15 | 117  | 111876   | 48.26   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 335171   | 56.27   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 61672    | 52.46   | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062718\  
Data File : VU024928.D  
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Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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6/28/2018 4:38:07 PM

Quant Time: Jun 27 04:25:28 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 13 13:55:26 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.51 | 180  | 224166   | 60.94 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.70 | 225  | 120260   | 58.09 | ug/l  | 98       |
| 95) Naphthalene            | 13.74 | 128  | 695658   | 57.03 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 228886   | 62.45 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 175956

Ion Ratio Lower Upper

168 100

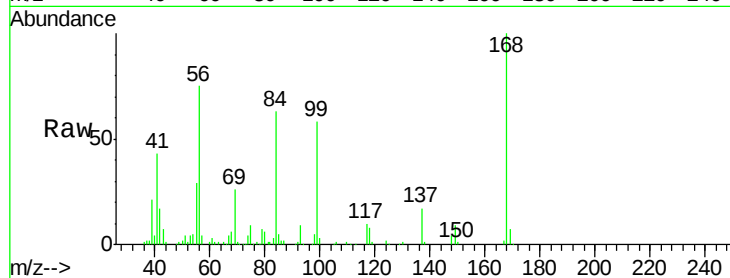
99 56.9 43.2 64.8

Manual Integrations

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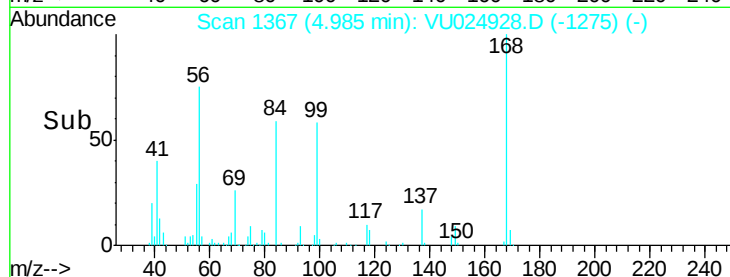
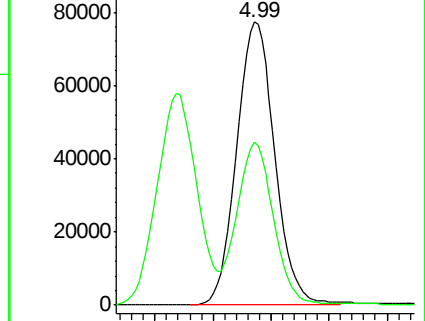
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 45.18 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024928.D

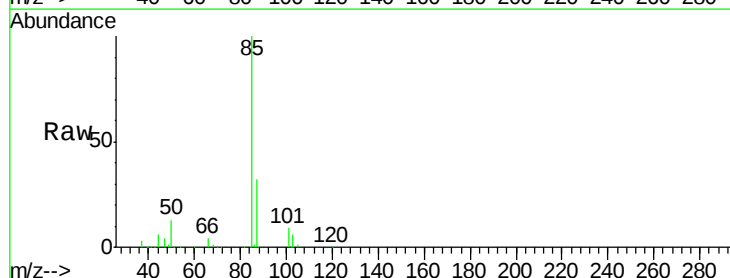
Acq: 26 Jun 2018 18:33

Tgt Ion: 85 Resp: 99507

Ion Ratio Lower Upper

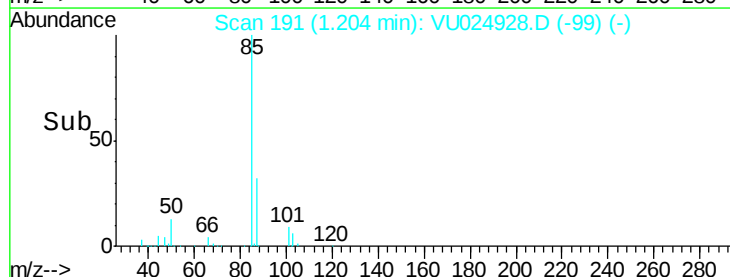
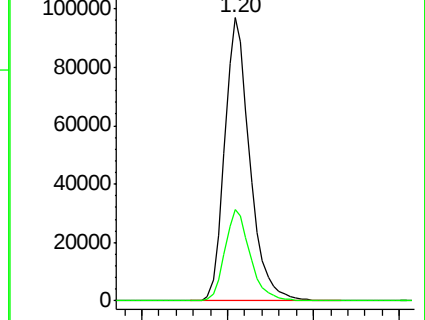
85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 47.00 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 105745

Ion Ratio Lower Upper

50 100

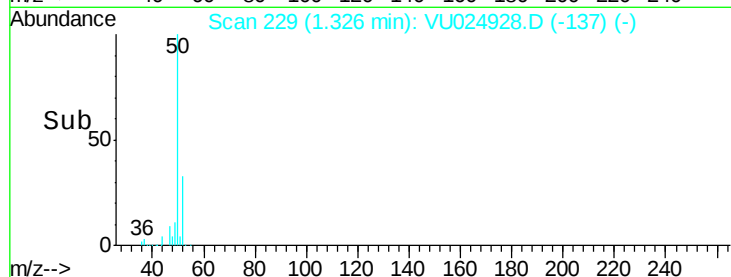
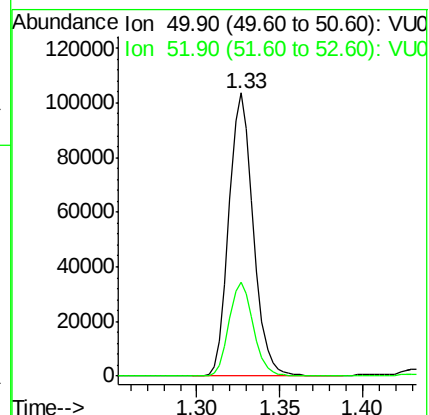
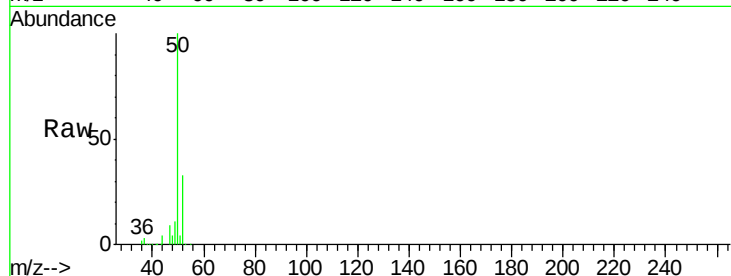
52 33.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.49 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024928.D

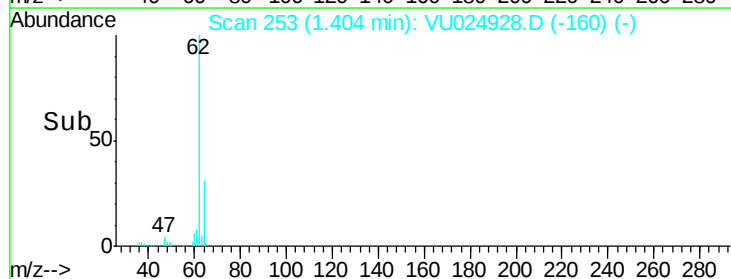
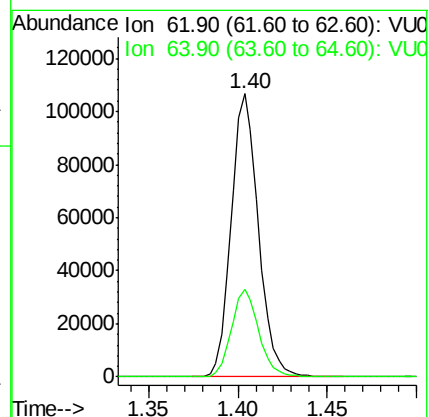
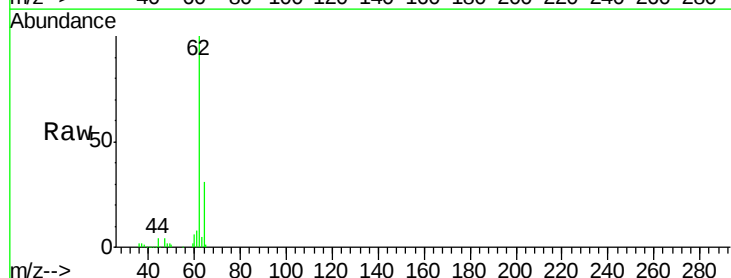
Acq: 26 Jun 2018 18:33

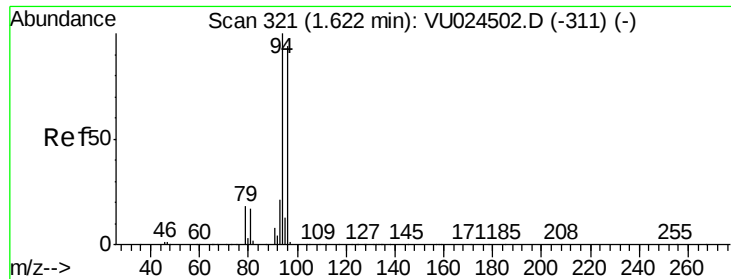
Tgt Ion: 62 Resp: 112511

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 59.50 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66749

Ion Ratio Lower Upper

94 100

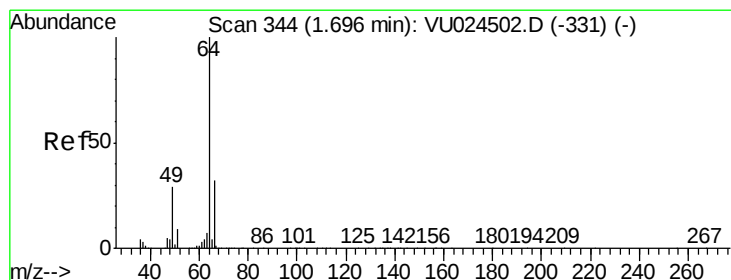
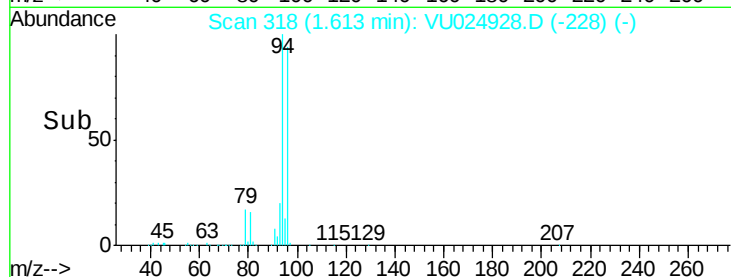
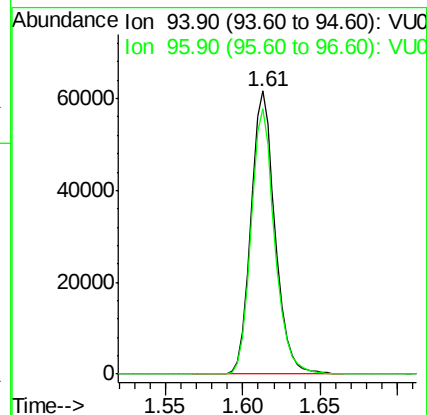
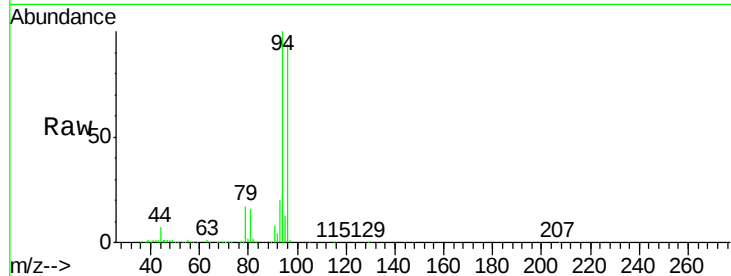
96 93.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 56.00 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024928.D

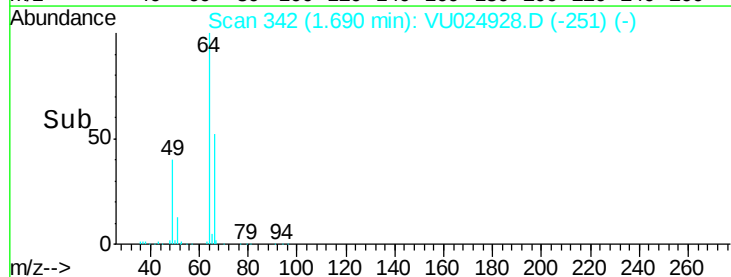
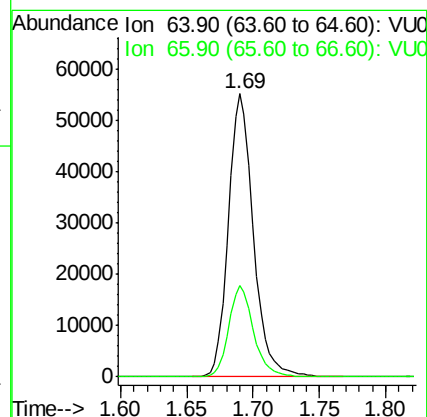
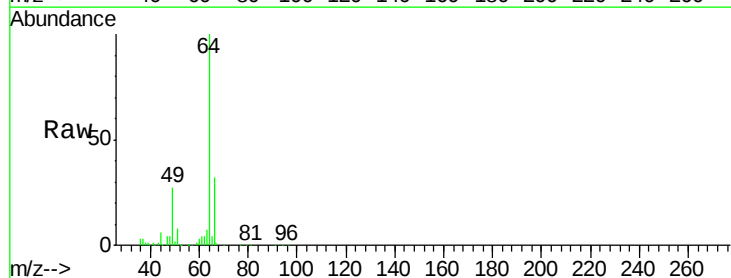
Acq: 26 Jun 2018 18:33

Tgt Ion: 64 Resp: 72449

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

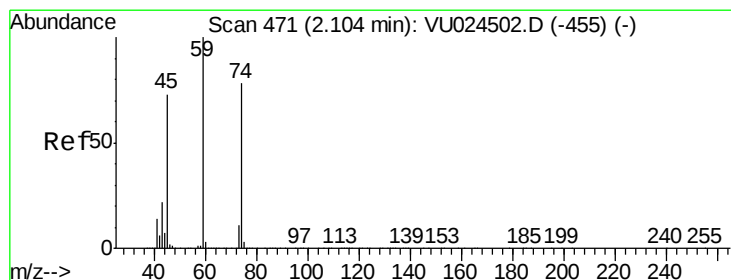
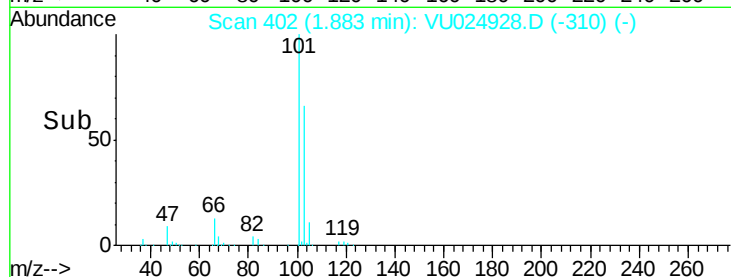
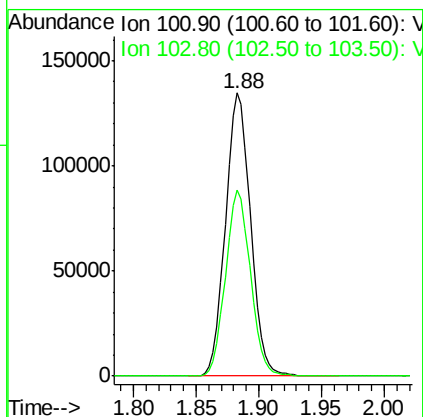
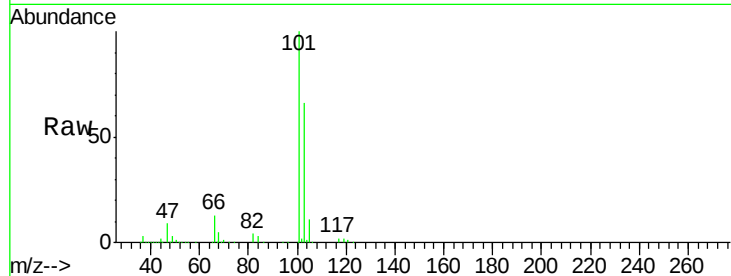
Trichlorofluoromethane  
Concen: 52.77 ug/l  
RT: 1.88 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.7  | 52.3  | 78.5  |

Manual Integrations  
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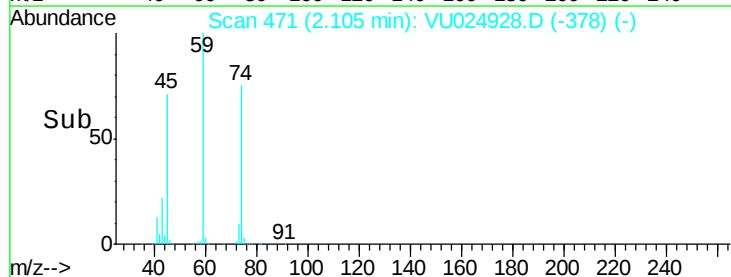
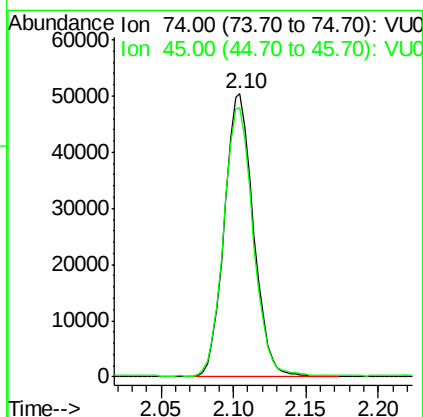
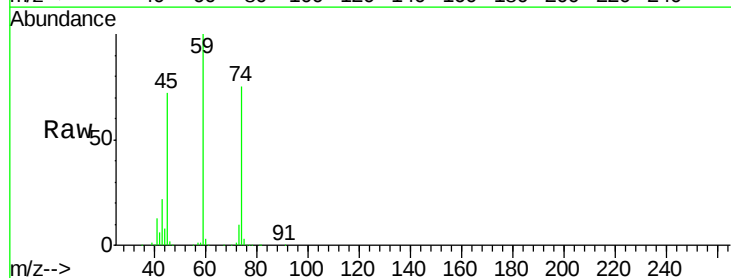
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#8

Diethyl Ether  
Concen: 58.32 ug/l  
RT: 2.10 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.5  | 55.0  | 165.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.03 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

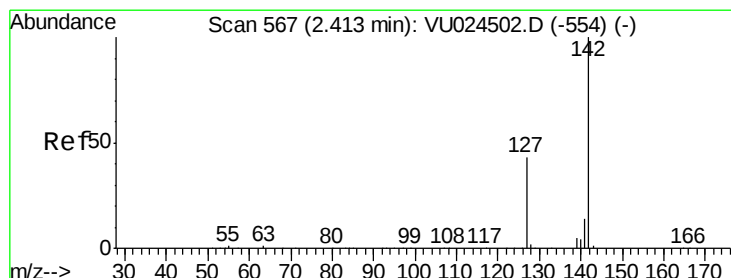
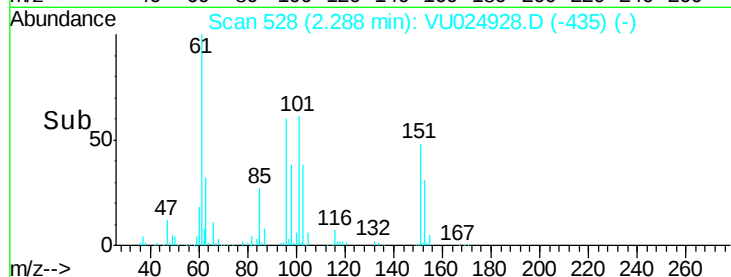
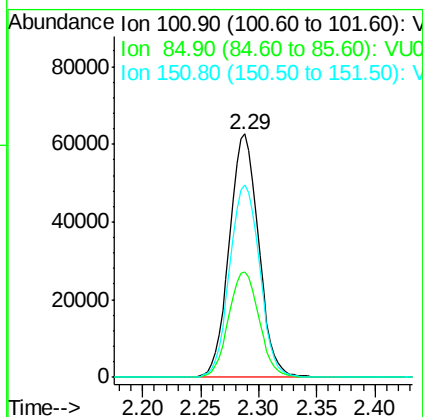
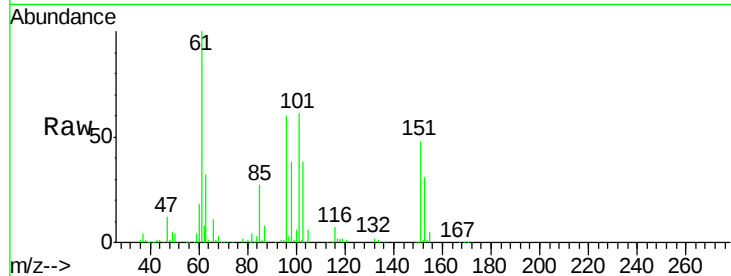
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 109919 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.1  | 36.0  | 54.0   |
| 151       | 81.2  | 62.3  | 93.5   |

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#10

Methyl Iodide

Concen: 60.55 ug/l

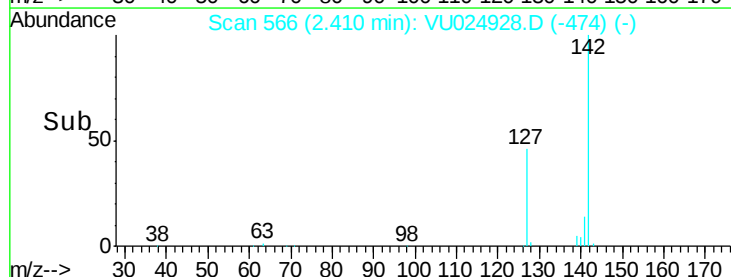
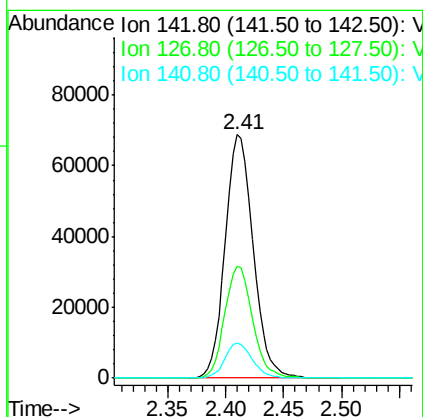
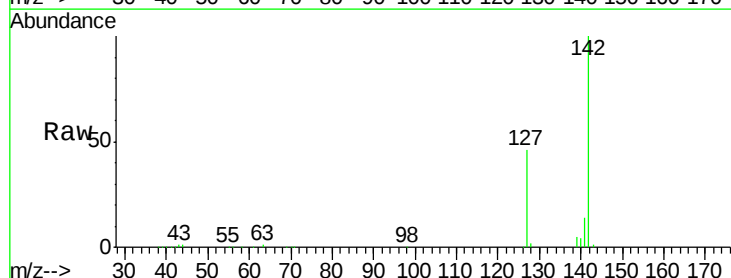
RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 114898 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.7  | 35.6  | 53.4   |
| 141       | 14.2  | 11.7  | 17.5   |





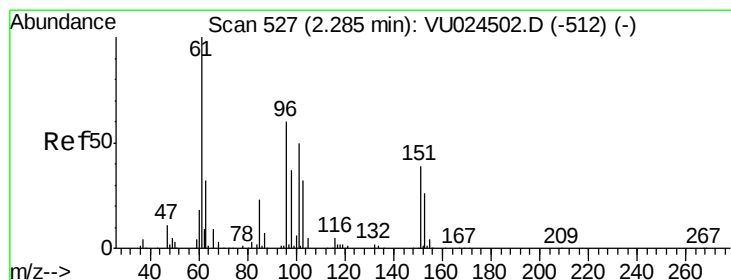
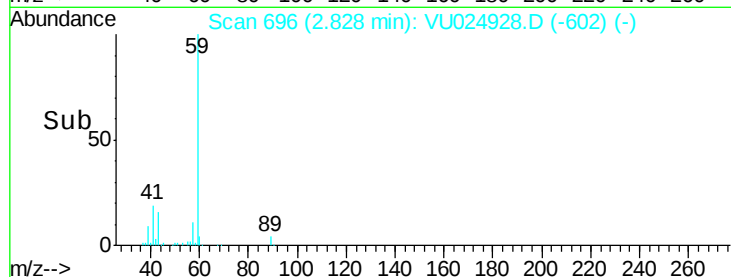
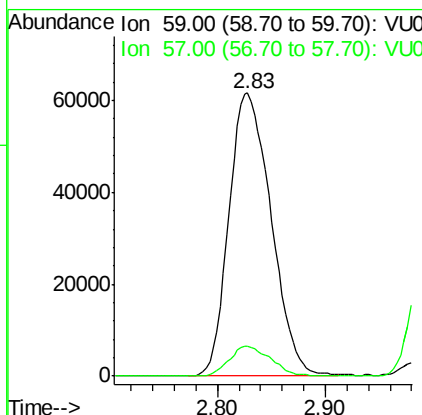
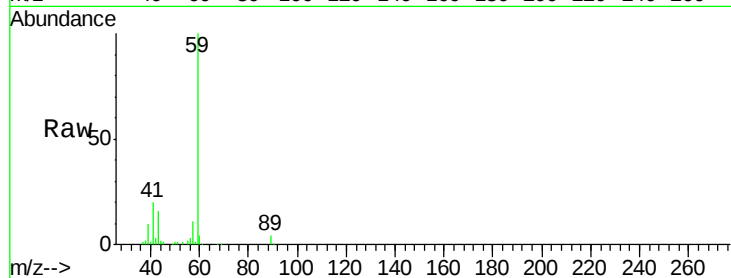
#11  
Tert butyl alcohol  
Concen: 239.80 ug/l  
RT: 2.83 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.5   | 12.7  |

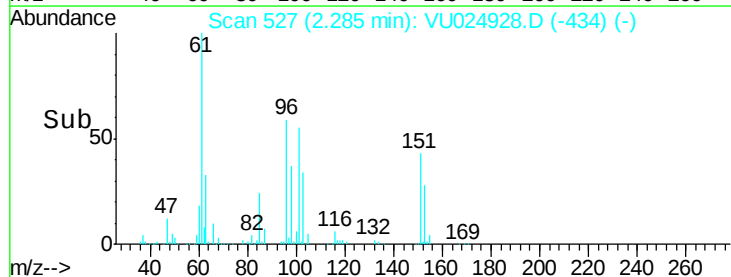
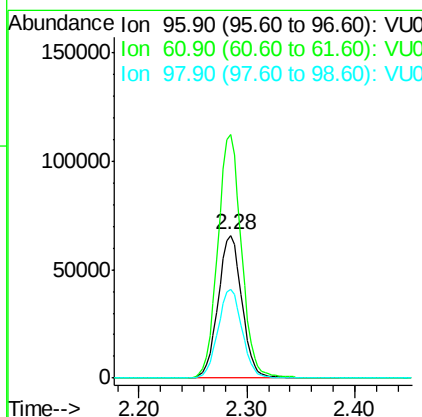
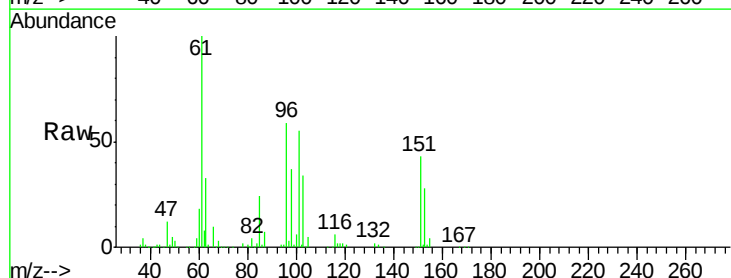
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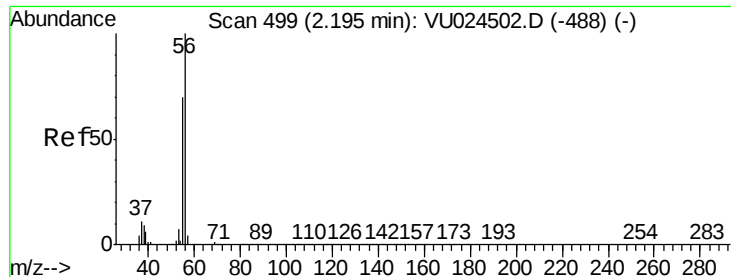
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#12  
1,1-Dichloroethene  
Concen: 50.48 ug/l  
RT: 2.28 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 170.4 | 141.7 | 212.5 |
| 98      | 62.6  | 51.6  | 77.4  |





#13

Acrolein

Concen: 120.94 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 44369

Ion Ratio Lower Upper

56 100

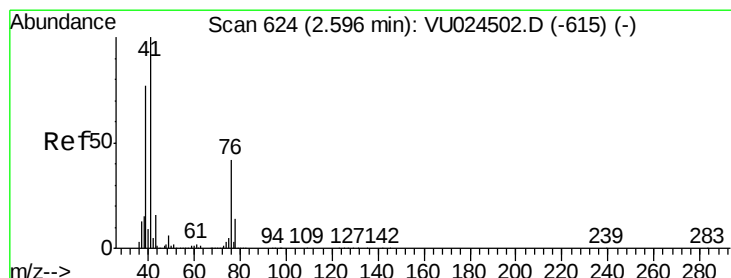
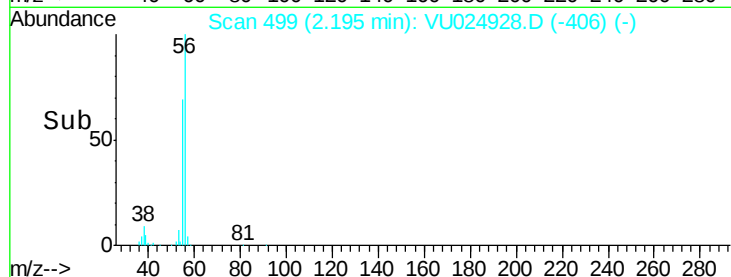
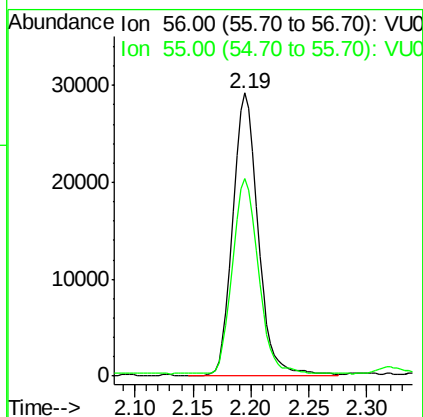
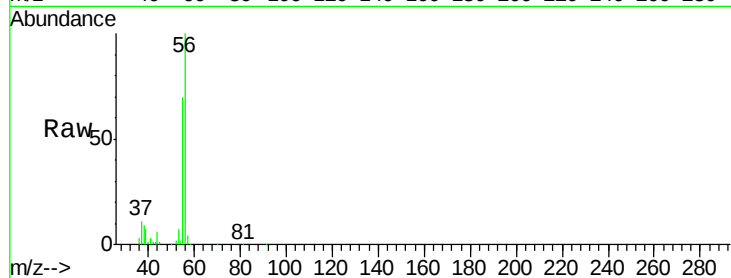
55 69.0 58.4 87.6

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#14

Allyl chloride

Concen: 47.23 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

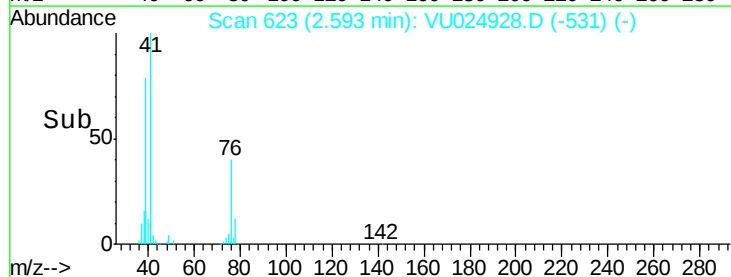
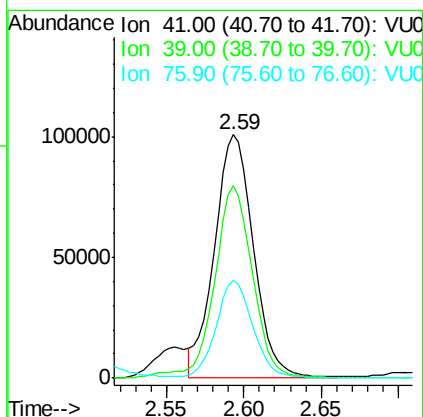
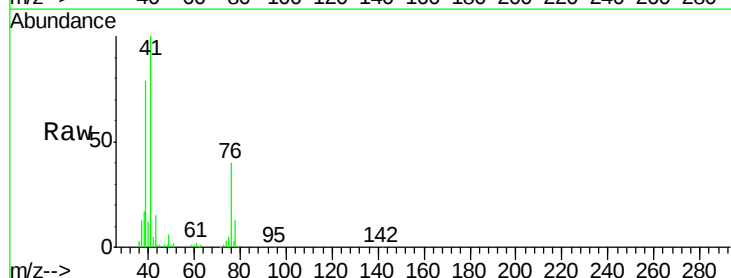
Tgt Ion: 41 Resp: 175701

Ion Ratio Lower Upper

41 100

39 77.0 61.6 92.4

76 38.1 29.7 44.5





#15

Acrylonitrile

Concen: 251.72 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

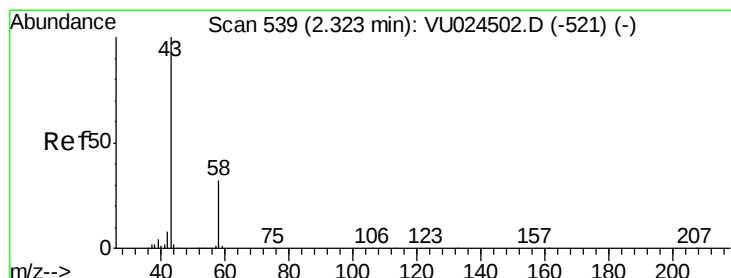
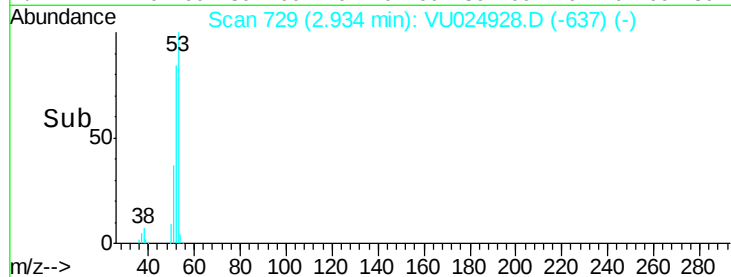
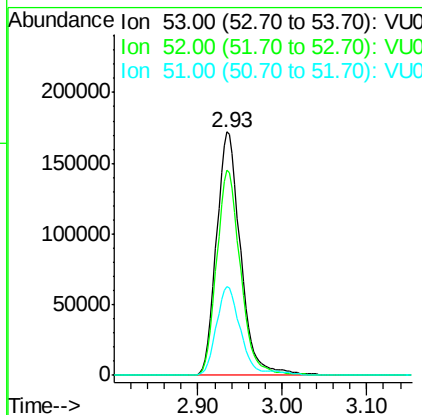
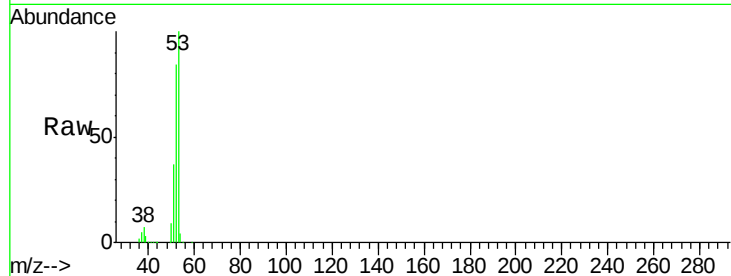
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 342145 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.3  | 67.1  | 100.7  |
| 51        | 37.4  | 28.4  | 42.6   |

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#16

Acetone

Concen: 239.55 ug/l

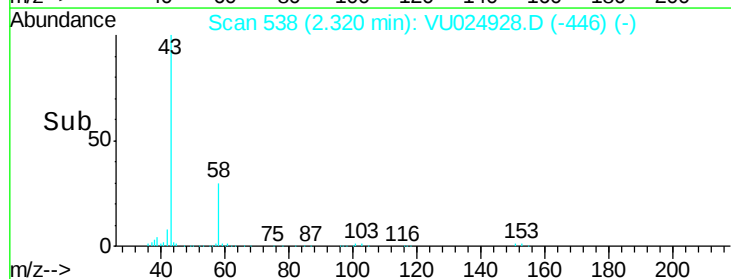
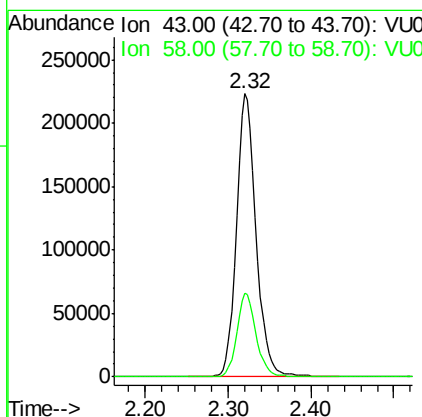
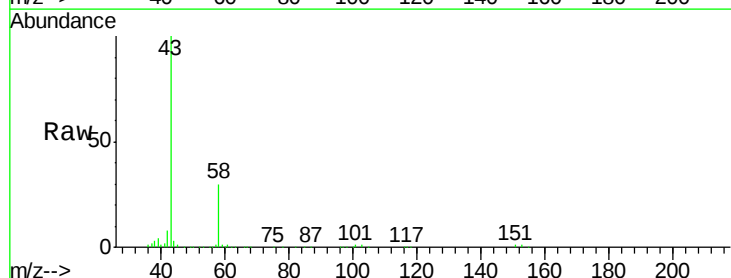
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 369723 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 29.4  | 24.4  | 36.6   |





#17

Carbon Disulfide

Concen: 46.02 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 295230

Ion Ratio Lower Upper

76 100

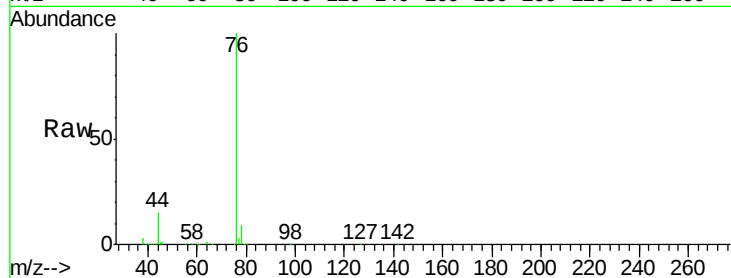
78 9.0 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

200000

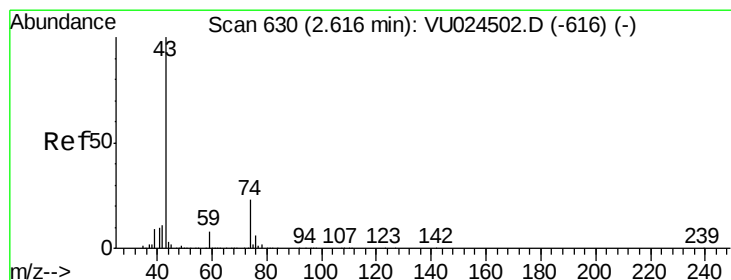
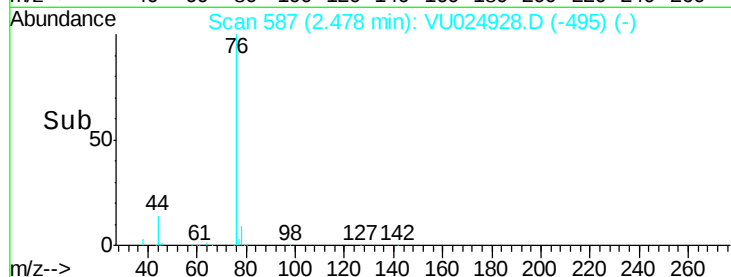
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.03 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024928.D

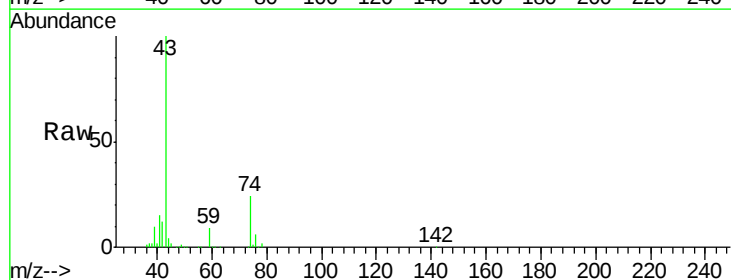
Acq: 26 Jun 2018 18:33

Tgt Ion: 43 Resp: 188693

Ion Ratio Lower Upper

43 100

74 23.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

120000

100000

80000

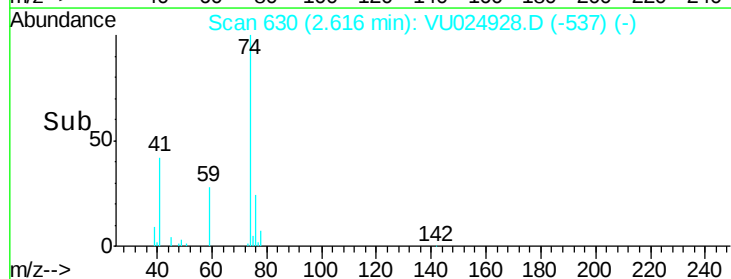
60000

40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 53.04 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tot Ion: 73 Resp: 399430

Ion Ratio Lower Upper

73 100

57 21.9 18.8 28.2

Instrument :

MSVOA\_U

ClientSampleId :

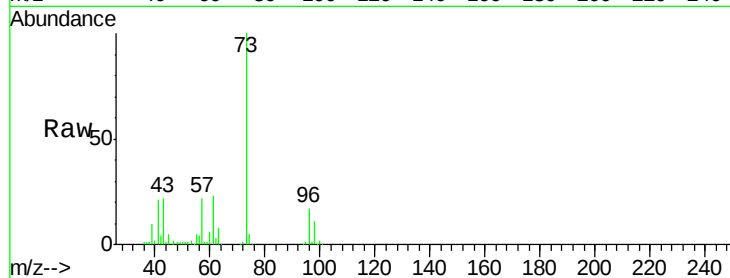
VSTDCCC050

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Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

200000

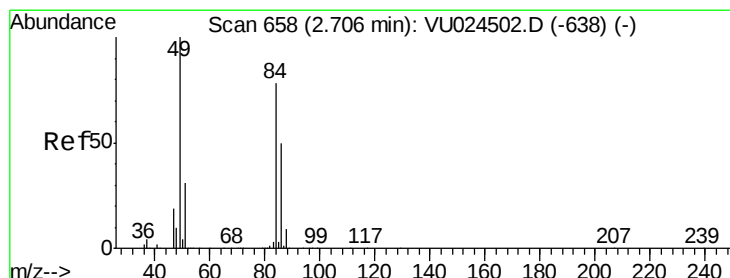
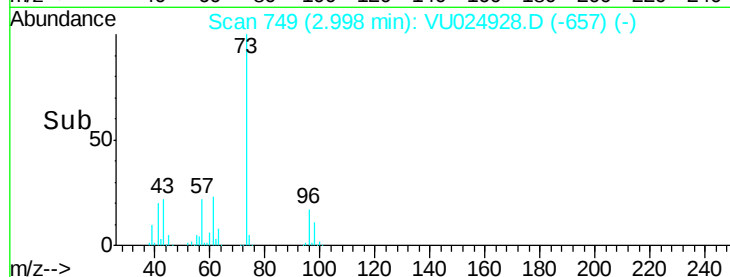
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 51.56 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tgt Ion: 84 Resp: 124875

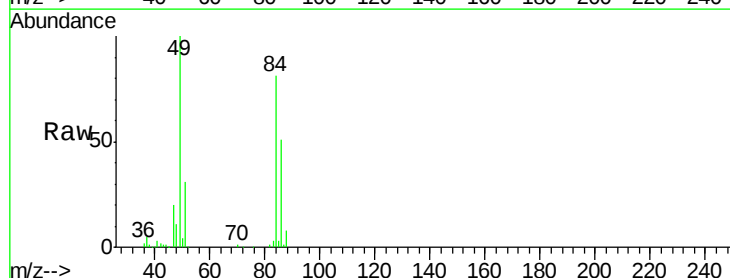
Ion Ratio Lower Upper

84 100

49 124.0 103.8 155.8

51 38.3 32.0 48.0

86 63.4 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

120000

100000

80000

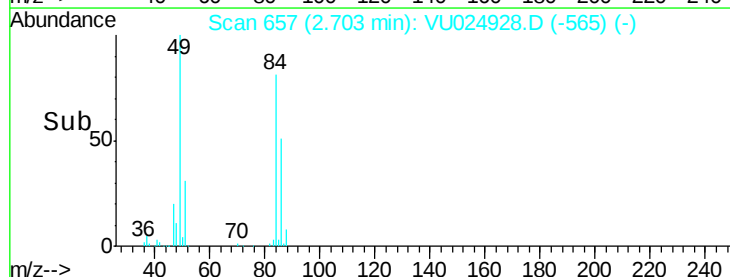
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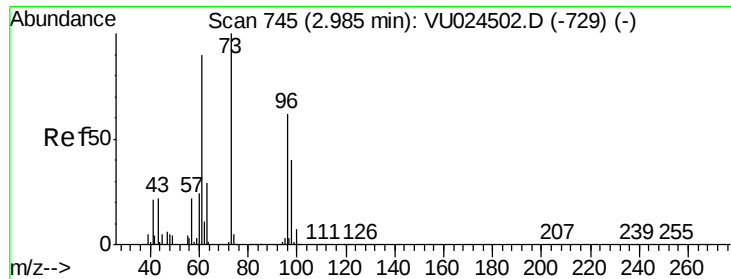
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 51.74 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

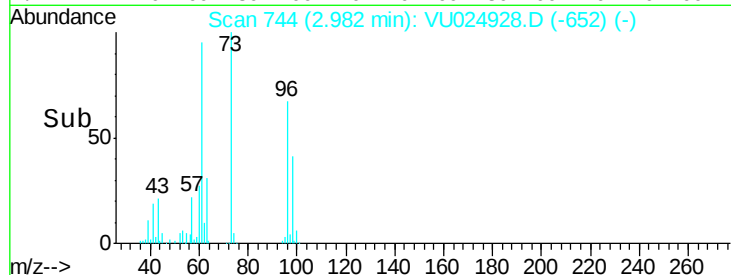
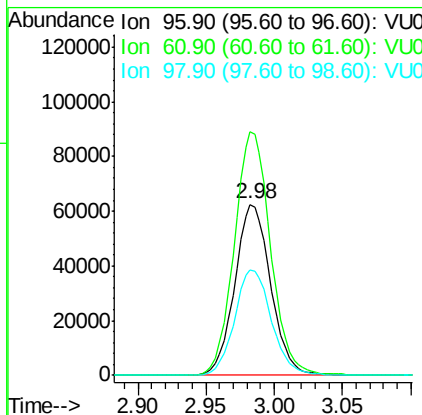
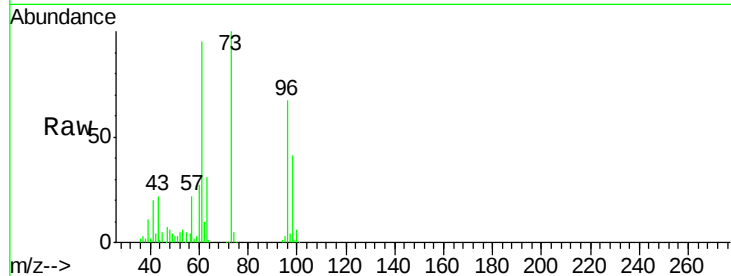
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 114173 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 142.3 | 119.4 | 179.0  |
| 98        | 61.7  | 51.1  | 76.7   |

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#22

Diisopropyl ether

Concen: 52.29 ug/l

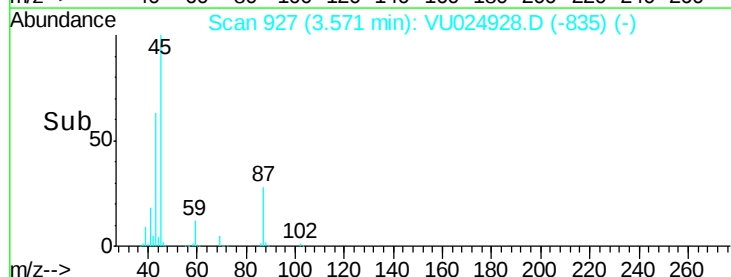
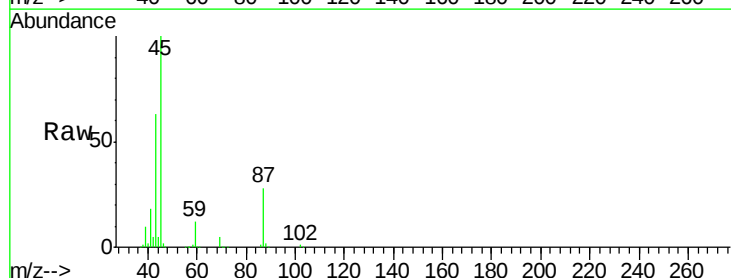
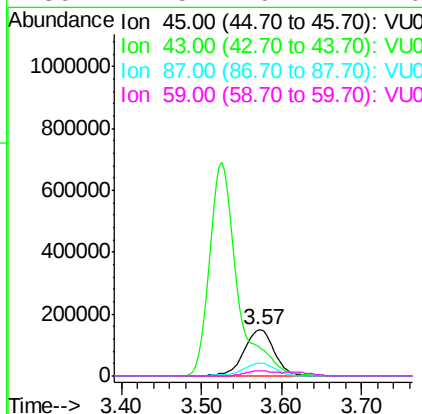
RT: 3.57 min Scan# 927

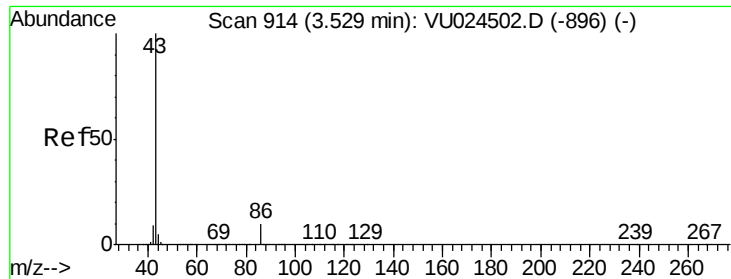
Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 385625 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 61.7  | 45.8  | 68.6   |
| 87        | 27.5  | 20.6  | 31.0   |
| 59        | 11.5  | 9.4   | 14.0   |





#23

Vinyl Acetate

Concen: 252.99 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1671247

Ion Ratio Lower Upper

43 100

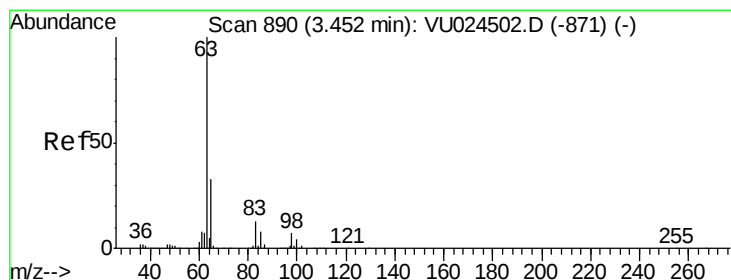
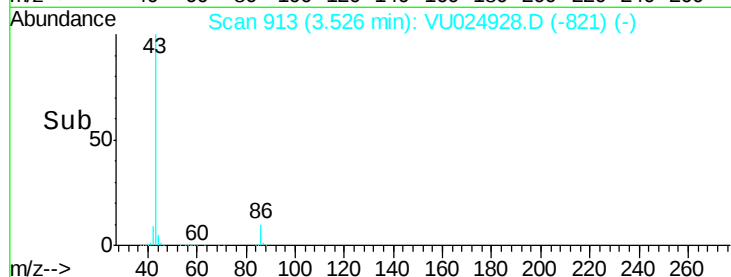
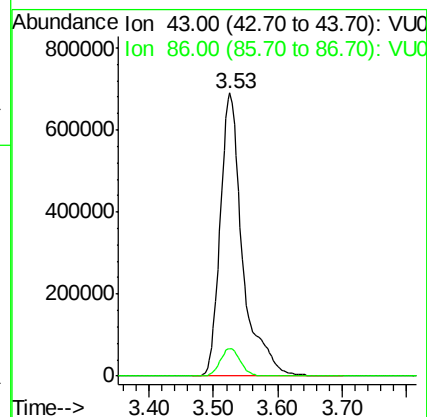
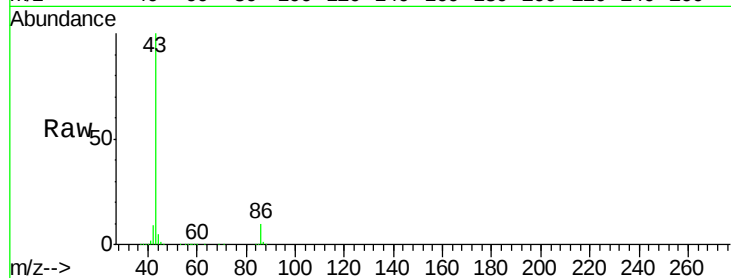
86 9.9 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 51.79 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

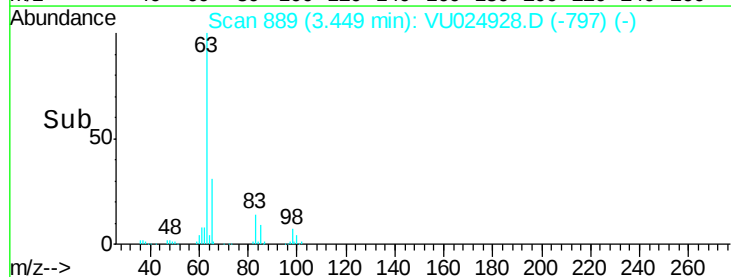
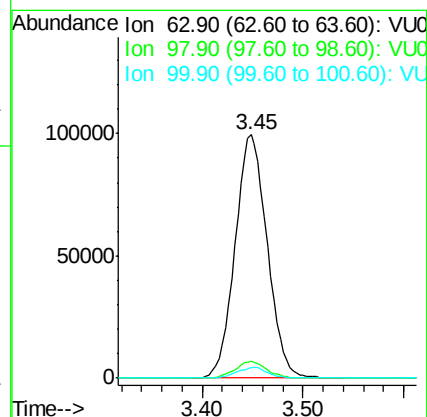
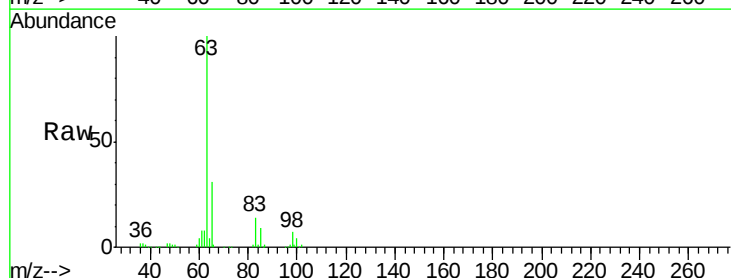
Tgt Ion: 63 Resp: 219726

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 252.85 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 524189

Ion Ratio Lower Upper

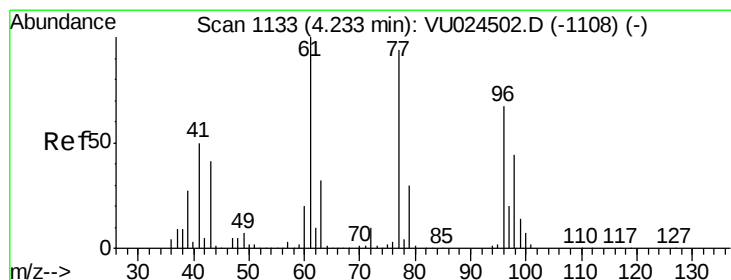
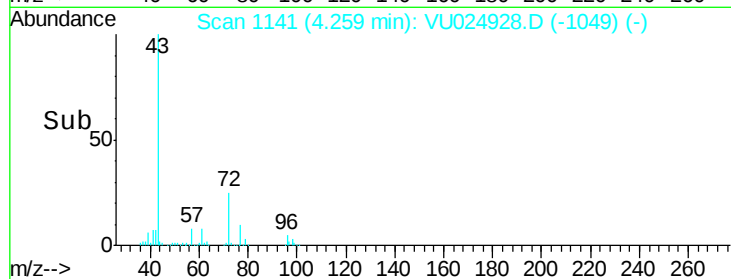
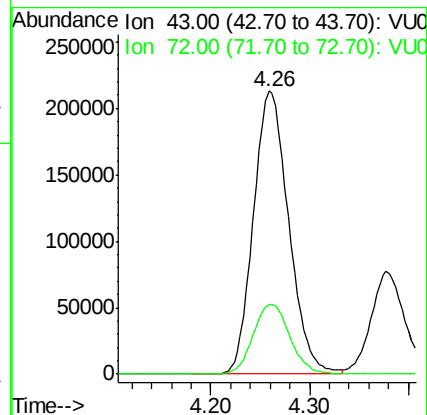
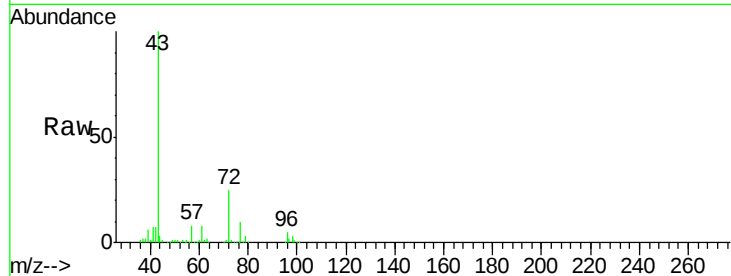
43 100

72 24.6 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 49.18 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024928.D

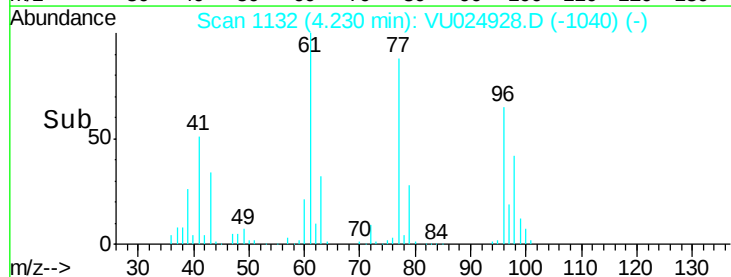
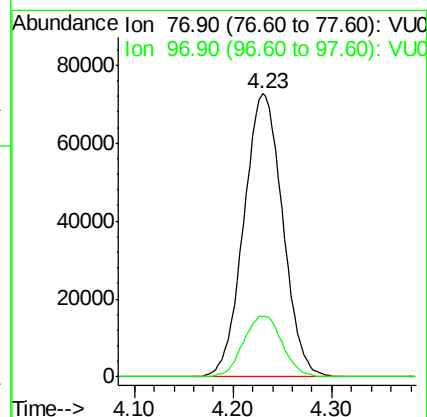
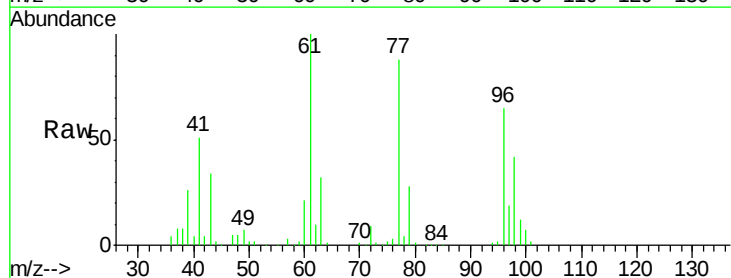
Acq: 26 Jun 2018 18:33

Tgt Ion: 77 Resp: 198098

Ion Ratio Lower Upper

77 100

97 21.6 11.3 33.8





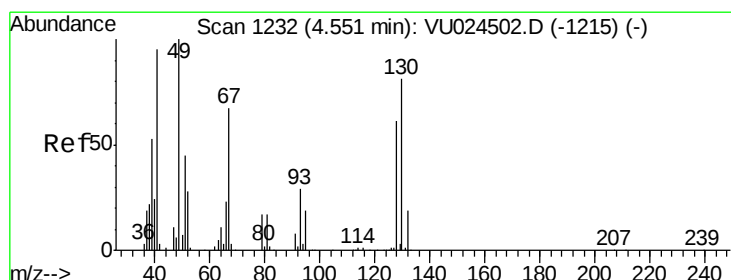
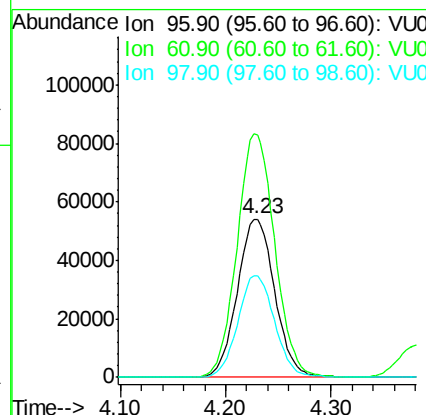
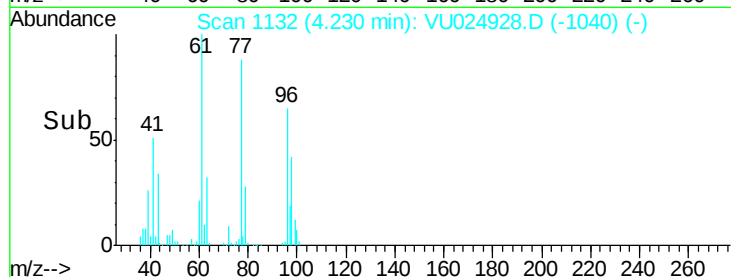
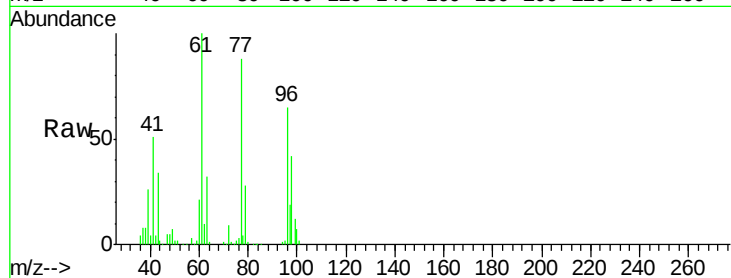
#27  
 cis-1,2-Dichloroethene  
 Concen: 52.62 ug/l  
 RT: 4.23 min Scan# 1132  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.8 | 0.0   | 306.6 |
| 98      | 63.4  | 0.0   | 128.8 |

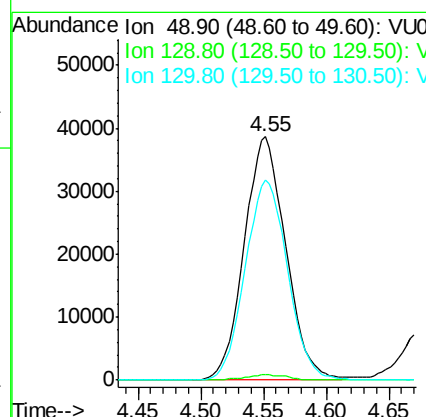
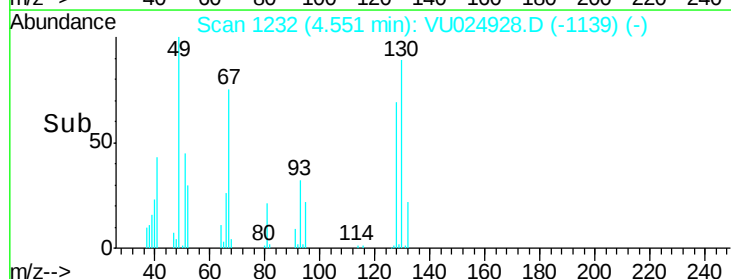
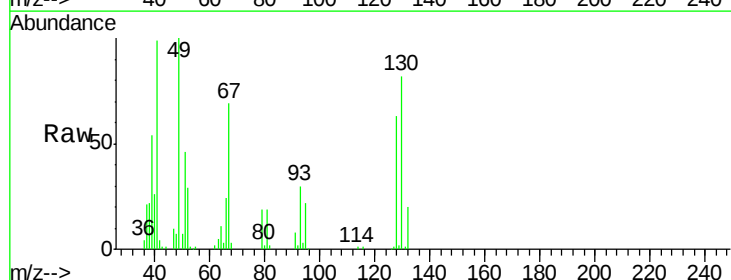
Manual Integrations  
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#28  
 Bromochloromethane  
 Concen: 47.65 ug/l  
 RT: 4.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 3.8   |
| 130     | 83.8  | 57.8  | 86.6  |





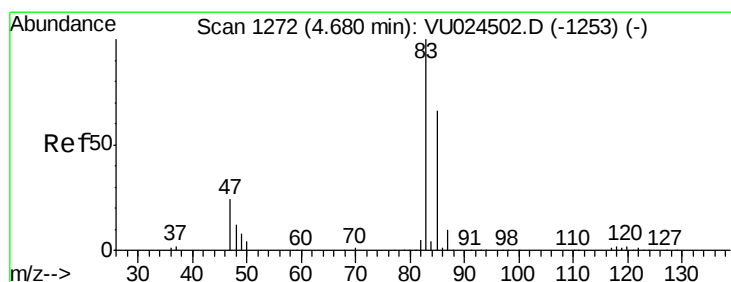
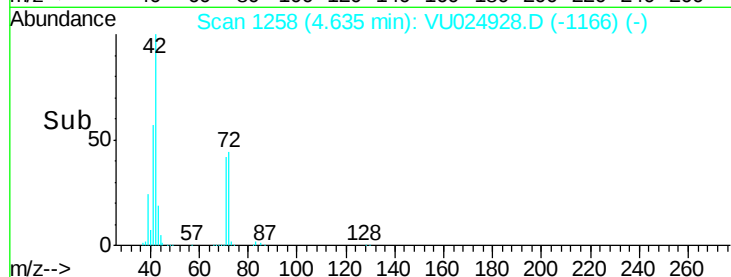
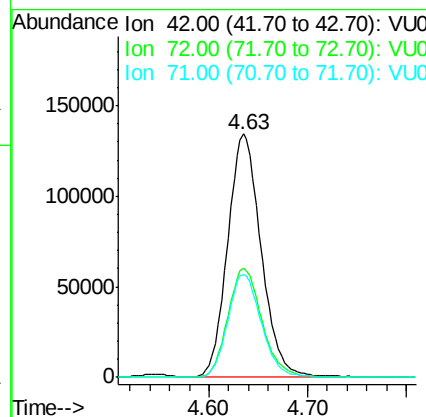
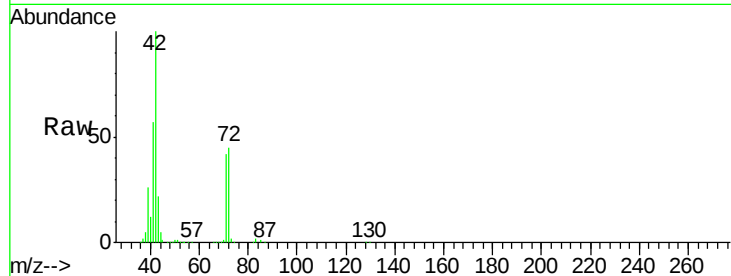
#29  
Tetrahydrofuran  
Concen: 246.52 ug/l  
RT: 4.63 min Scan# 1258  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.0  | 34.5  | 51.7  |
| 71      | 42.7  | 32.2  | 48.4  |

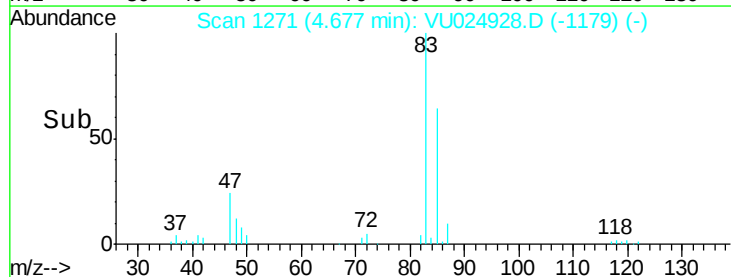
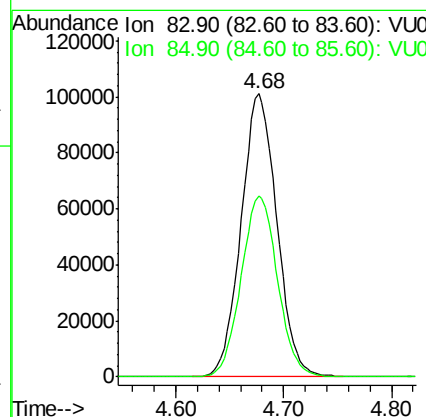
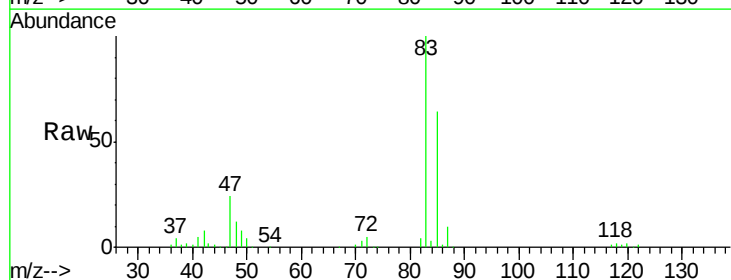
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#30  
Chloroform  
Concen: 54.33 ug/l  
RT: 4.68 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 52.4  | 78.6  |





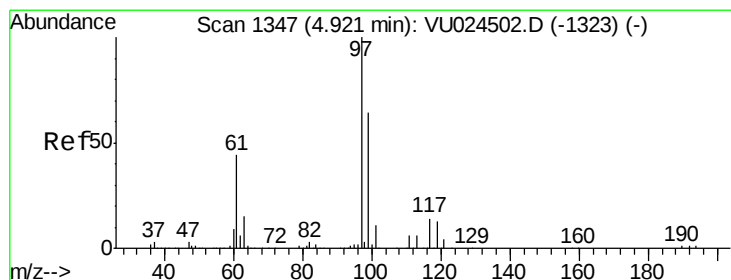
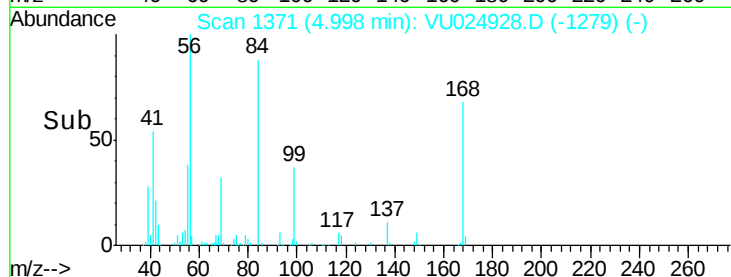
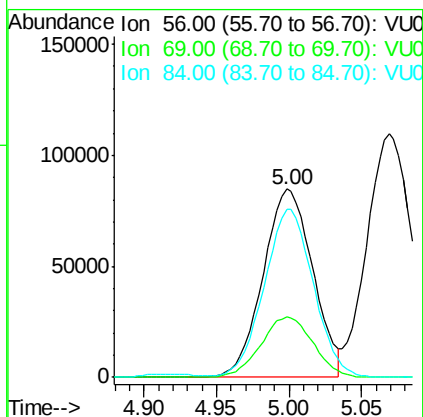
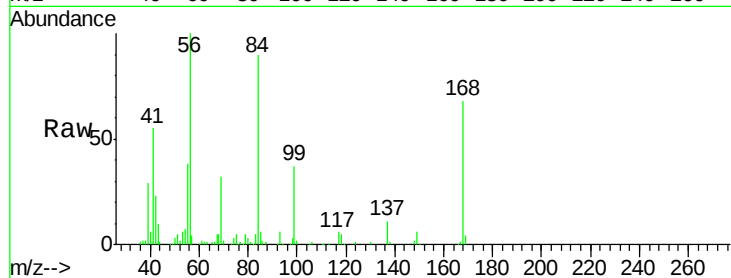
#31  
Cyclohexane  
Concen: 53.78 ug/l  
RT: 5.00 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.9  | 24.8  | 37.2  |
| 84      | 88.3  | 65.2  | 97.8  |

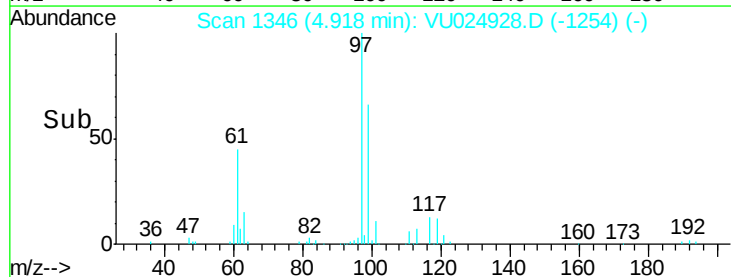
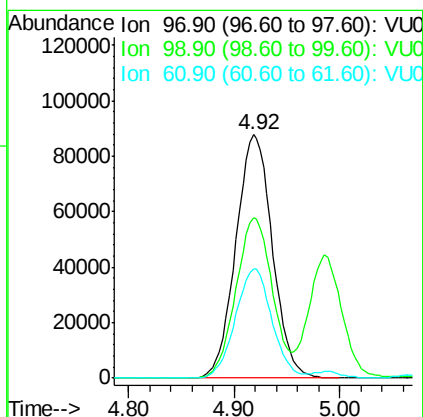
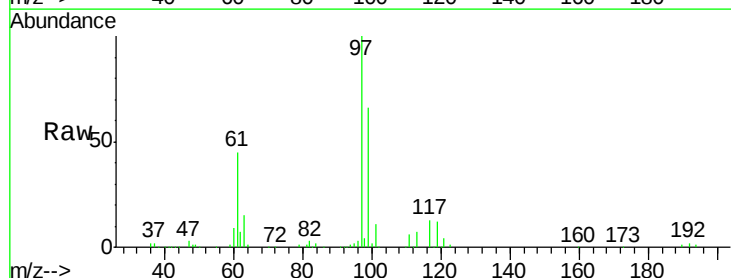
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#32  
1,1,1-Trichloroethane  
Concen: 53.16 ug/l  
RT: 4.92 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.5  | 51.0  | 76.6  |
| 61      | 45.0  | 39.4  | 59.0  |





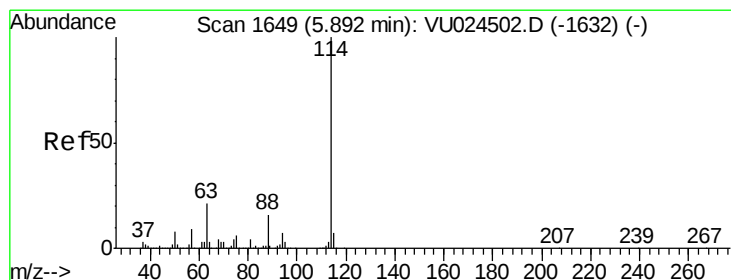
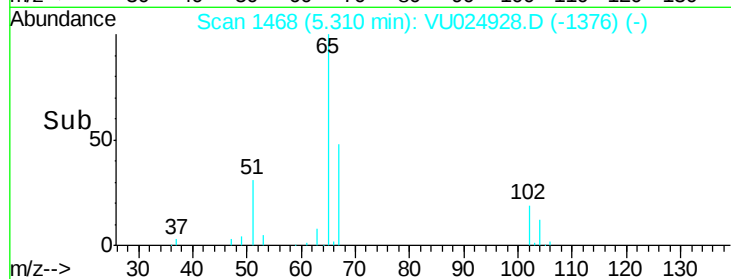
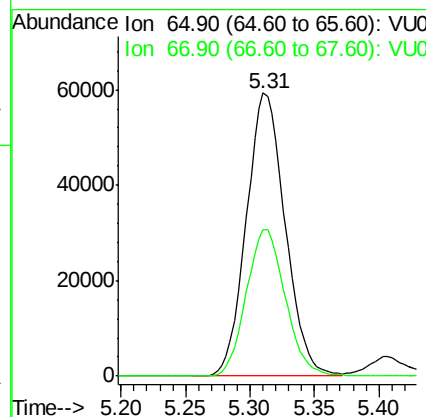
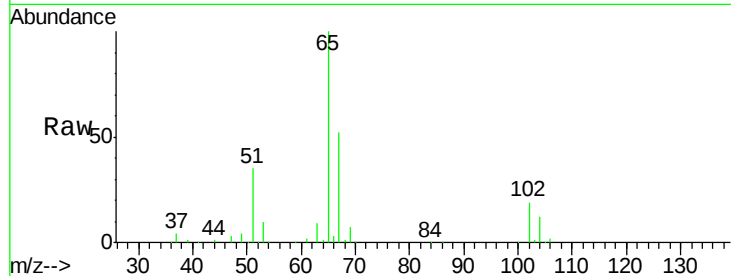
#33  
 1,2-Dichloroethane-d4  
 Concen: 43.40 ug/l  
 RT: 5.31 min Scan# 1468  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 124668 |       |       |
| 67      | 52.0  | 0.0    | 107.0 |       |

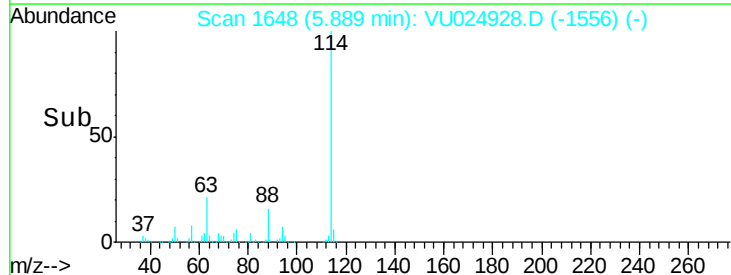
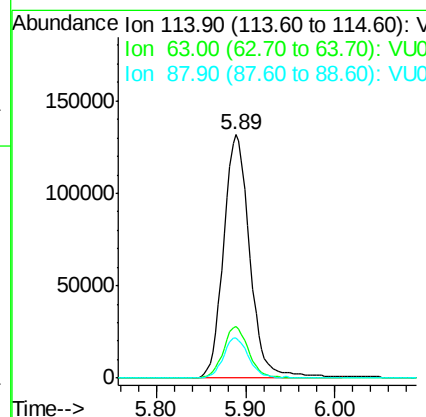
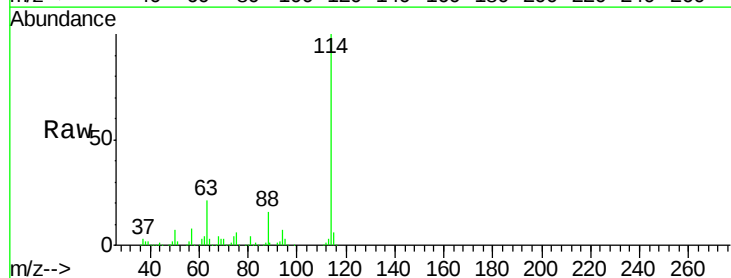
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 269355 |       |       |
| 63      | 21.1  | 0.0    | 45.4  |       |
| 88      | 16.4  | 0.0    | 31.0  |       |





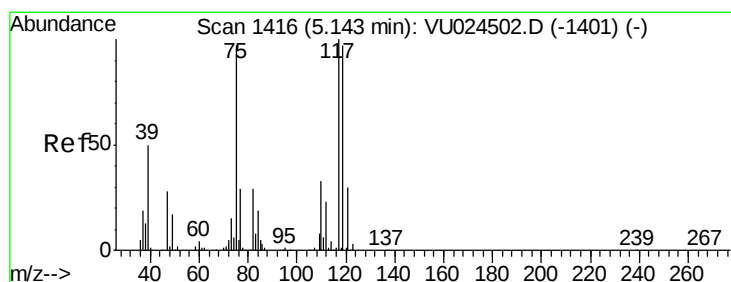
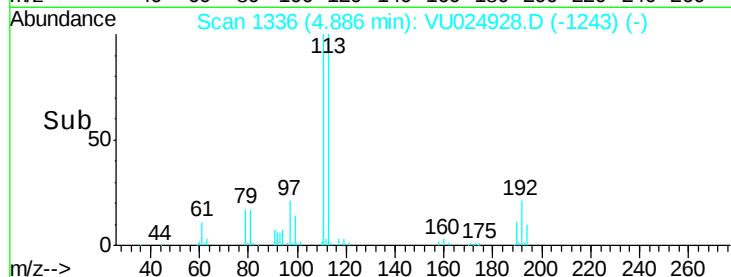
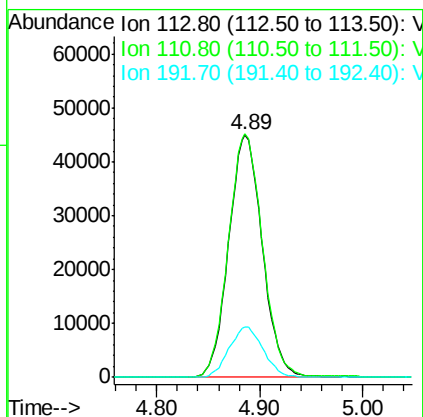
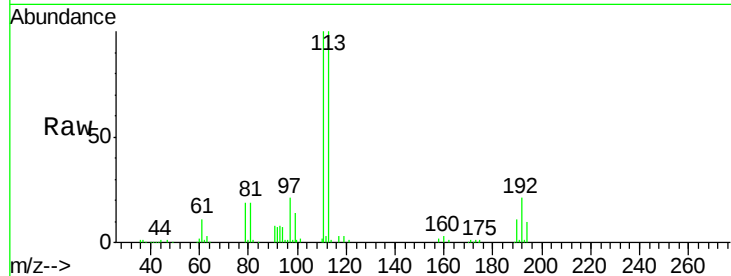
#35  
 Dibromofluoromethane  
 Concen: 45.65 ug/l  
 RT: 4.89 min Scan# 1336  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 82.2  | 123.4 |
| 192     | 21.0  | 16.2  | 24.4  |

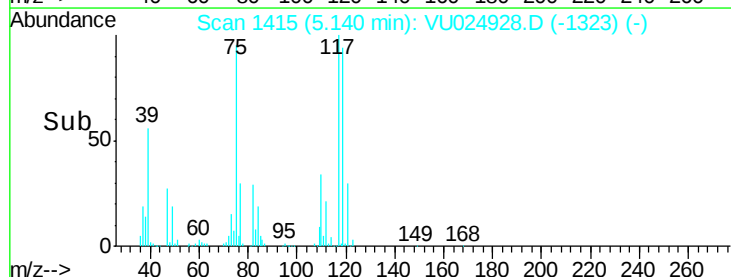
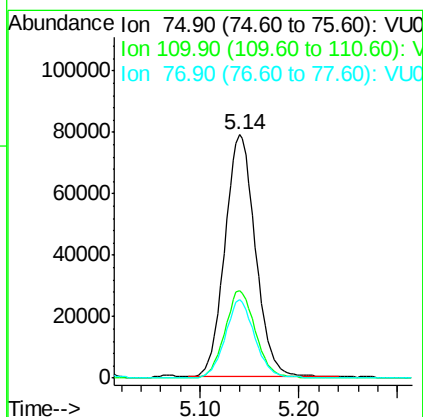
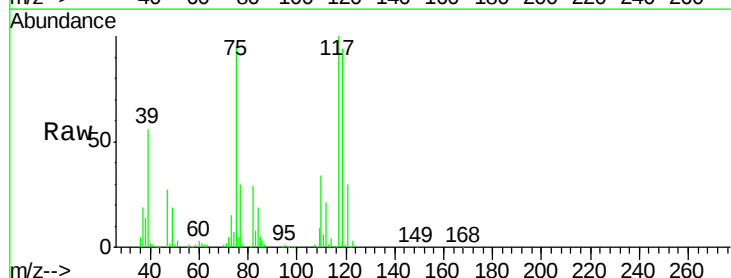
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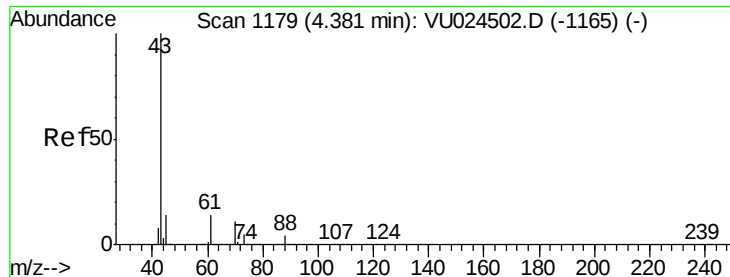
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#36  
 1,1-Dichloropropene  
 Concen: 53.91 ug/l  
 RT: 5.14 min Scan# 1415  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 17.0  | 50.9  |
| 77      | 30.5  | 24.2  | 36.4  |





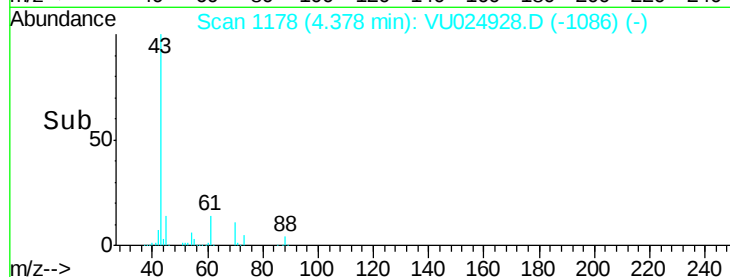
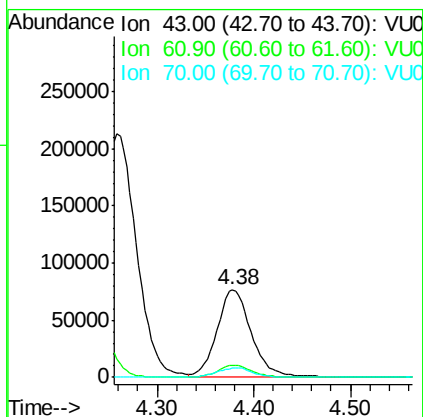
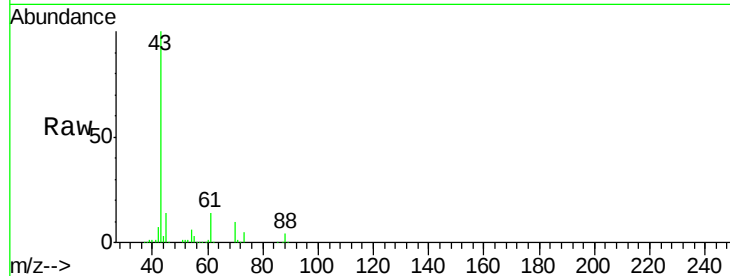
#37  
Ethyl Acetate  
Concen: 53.77 ug/l  
RT: 4.38 min Scan# 1178  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.5  | 15.7  |
| 70      | 11.0  | 7.4   | 11.2  |

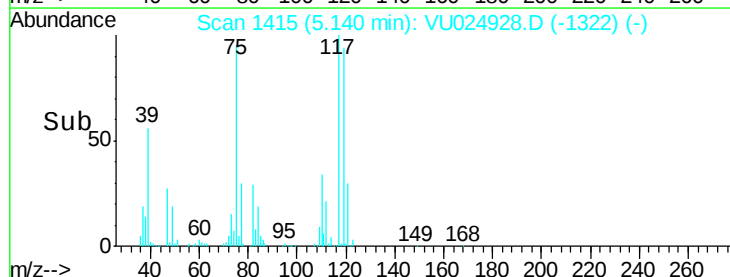
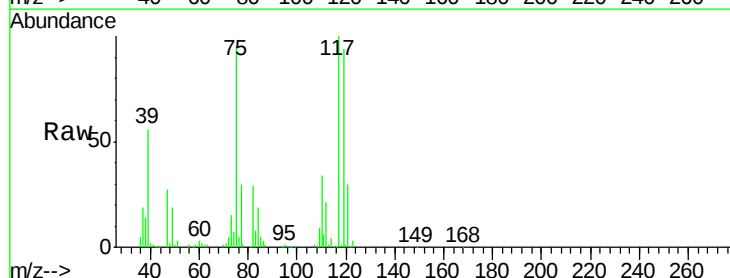
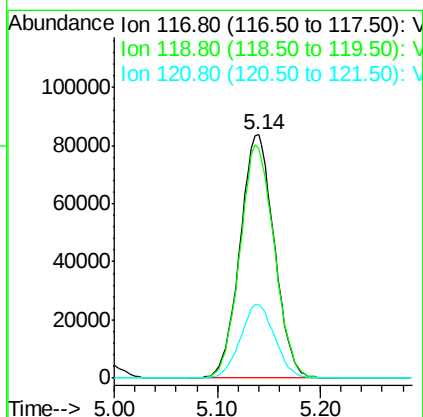
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#38  
Carbon Tetrachloride  
Concen: 55.35 ug/l  
RT: 5.14 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.5  | 76.1  | 114.1 |
| 121     | 30.3  | 23.7  | 35.5  |





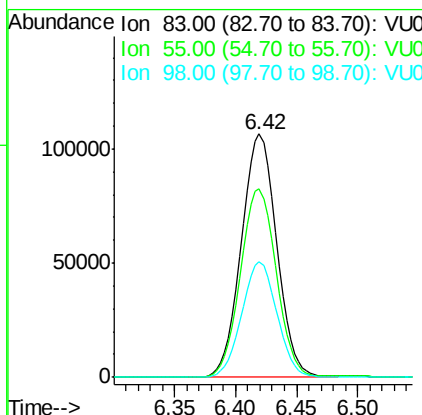
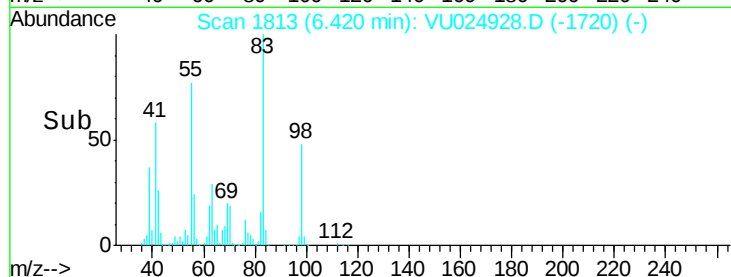
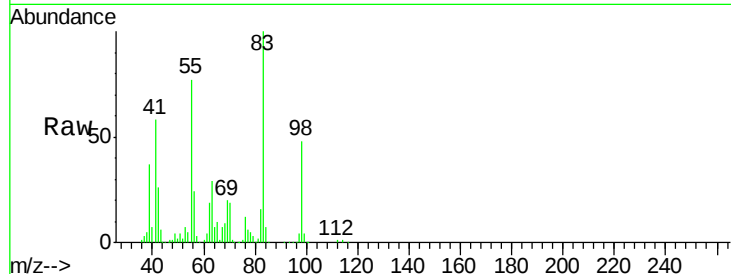
#39  
Methvlcvclohexane  
Concen: 54.09 ug/l  
RT: 6.42 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.3  | 65.8  | 98.6  |
| 98      | 47.6  | 36.7  | 55.1  |

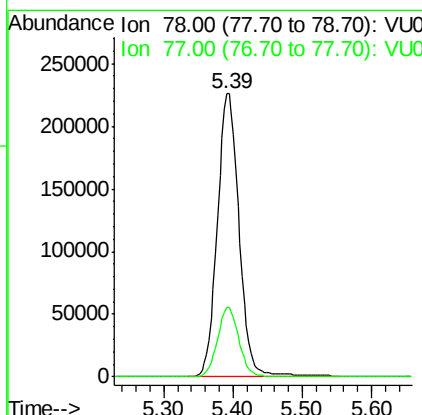
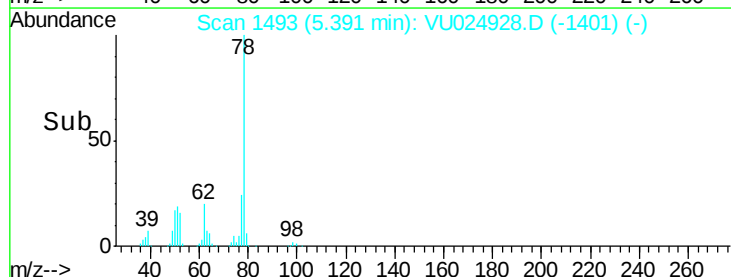
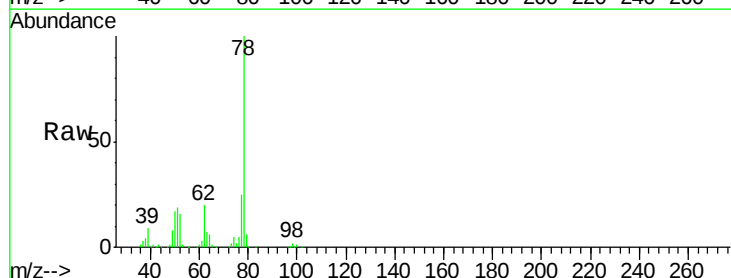
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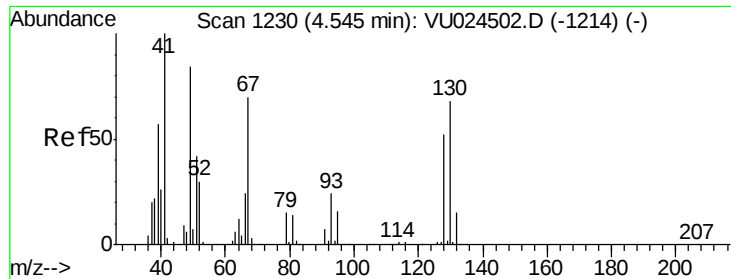
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#40  
Benzene  
Concen: 54.88 ug/l  
RT: 5.39 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.6  | 19.2  | 28.8  |





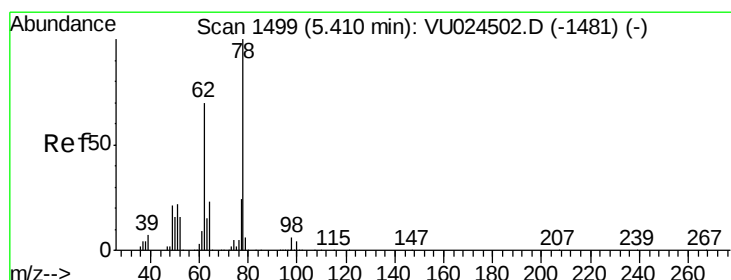
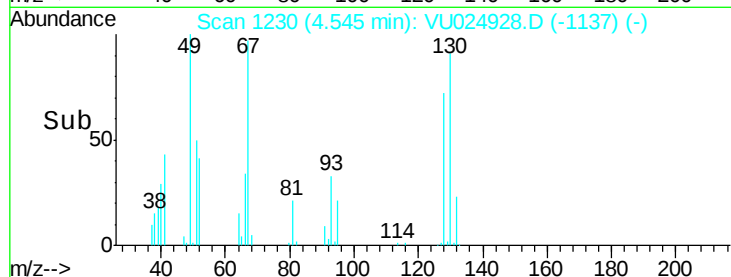
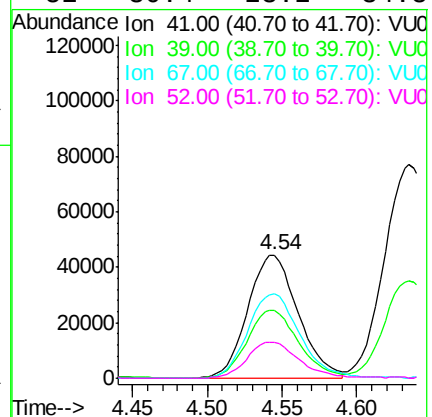
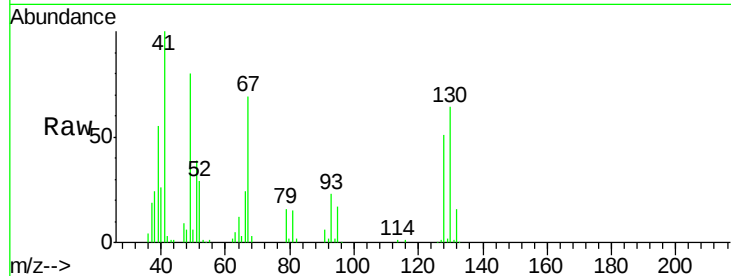
#41  
Methacrylonitrile  
Concen: 55.56 ug/l  
RT: 4.54 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.3 | 43.8  | 65.6  |       |
| 67      | 71.7 | 56.3  | 84.5  |       |
| 52      | 30.4 | 23.2  | 34.8  |       |

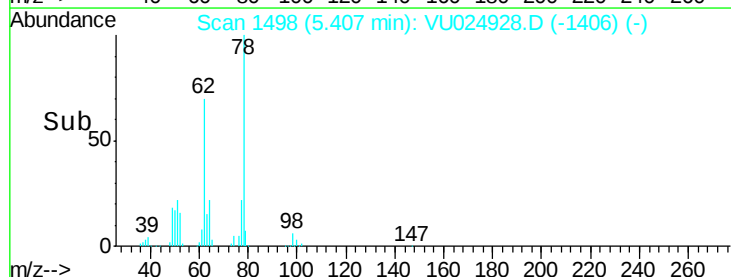
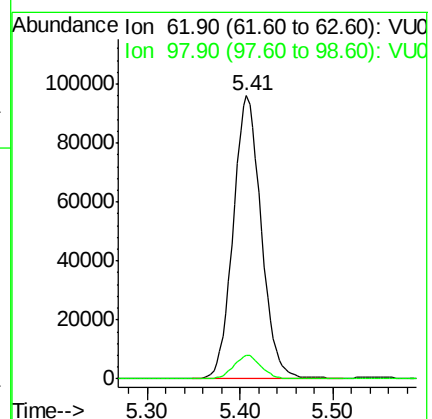
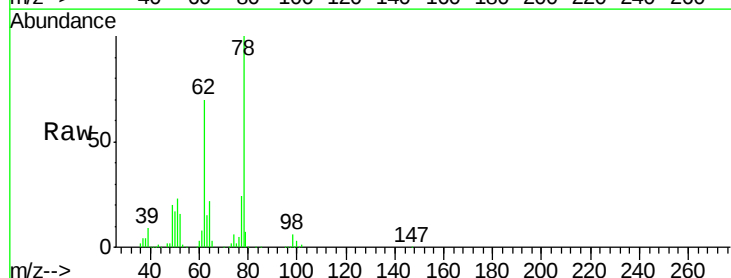
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#42  
1,2-Dichloroethane  
Concen: 58.60 ug/l  
RT: 5.41 min Scan# 1498  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.2 | 0.0   | 16.6  |       |





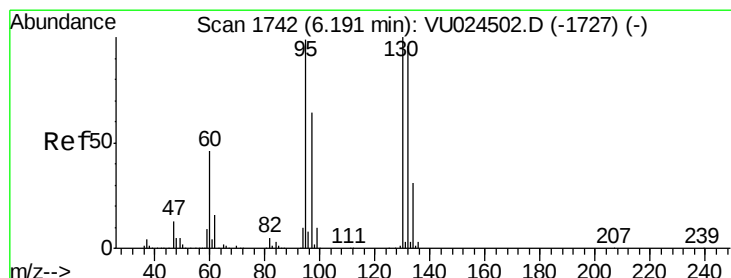
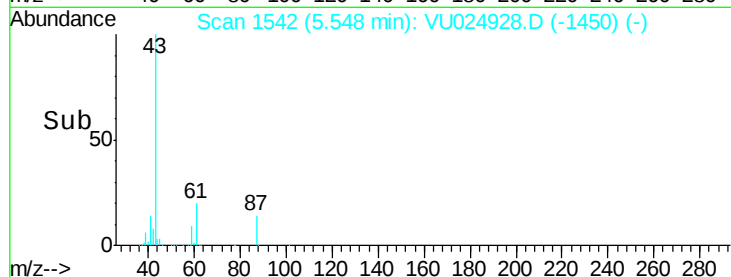
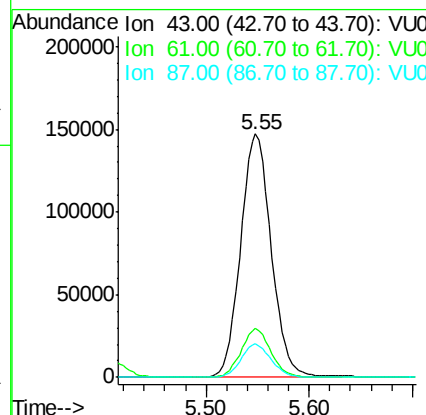
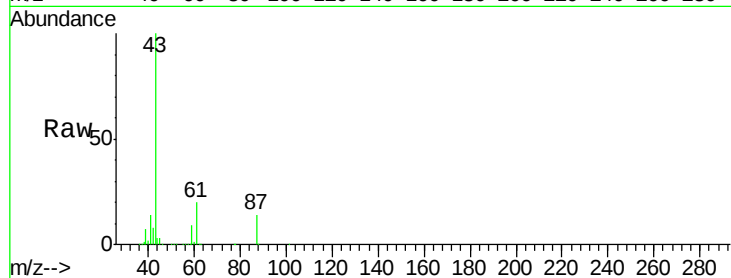
#43  
Isopropyl Acetate  
Concen: 50.97 ug/l  
RT: 5.55 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.5  | 15.4  | 23.0  |
| 87      | 13.4  | 10.0  | 15.0  |

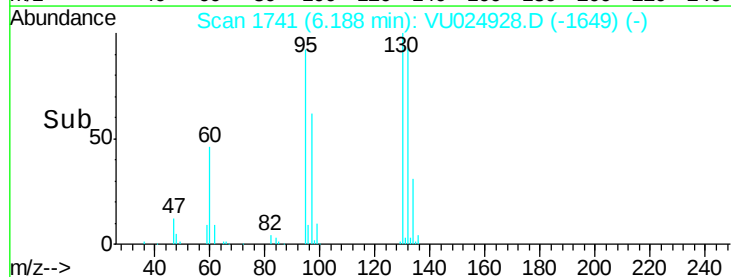
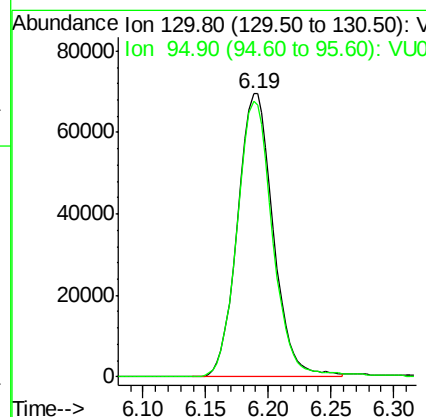
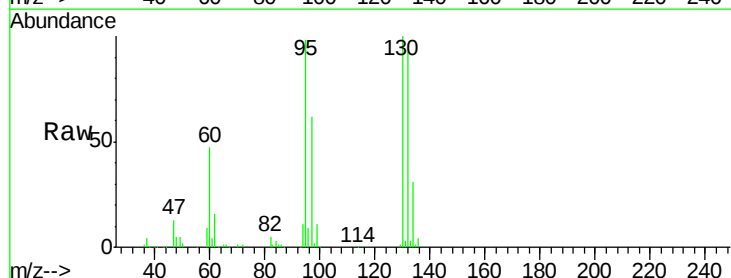
Manual Integrations  
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#44  
Trichloroethene  
Concen: 53.61 ug/l  
RT: 6.19 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.6  | 0.0   | 202.4 |





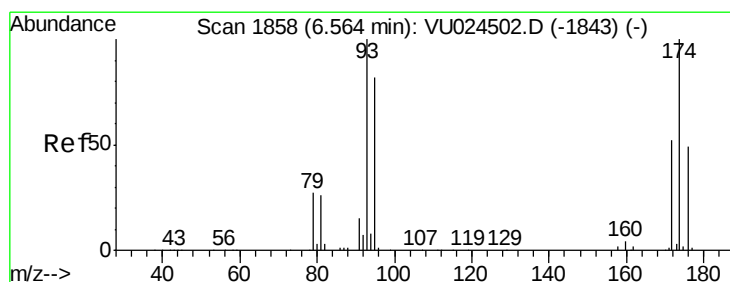
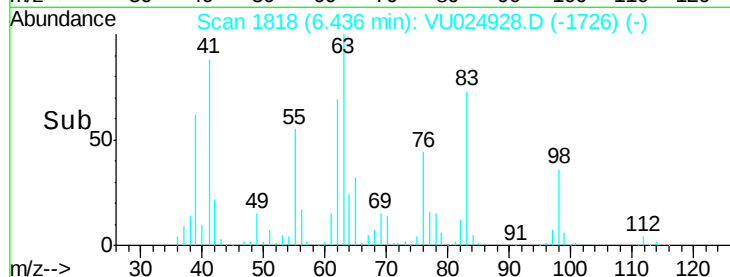
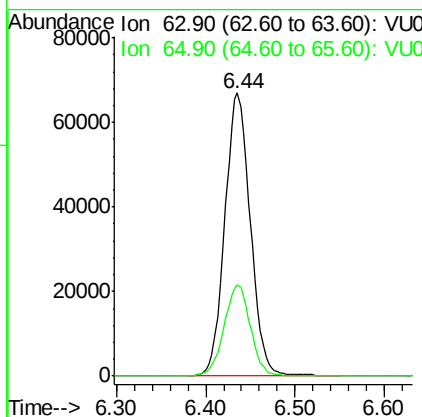
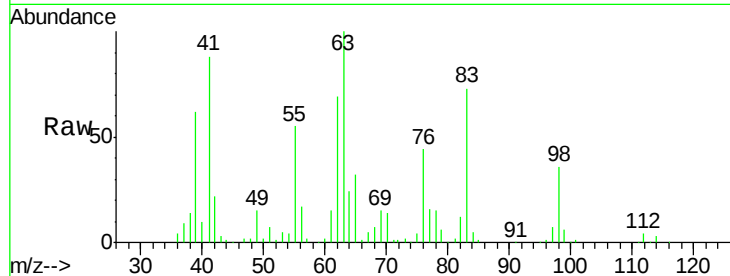
#45  
 1,2-Dichloropropane  
 Concen: 55.17 ug/l  
 RT: 6.44 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 132755  
 Ion Ratio Lower Upper  
 63 100  
 65 32.1 24.8 37.2

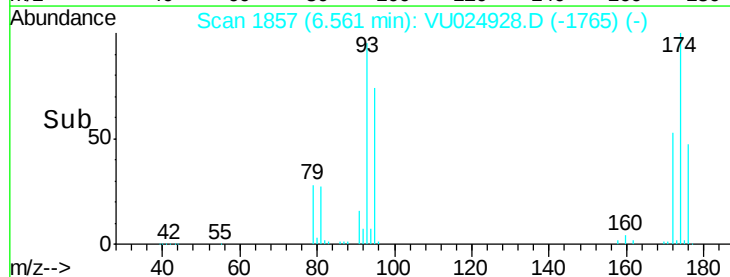
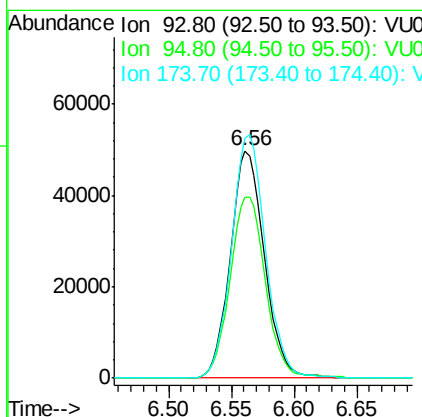
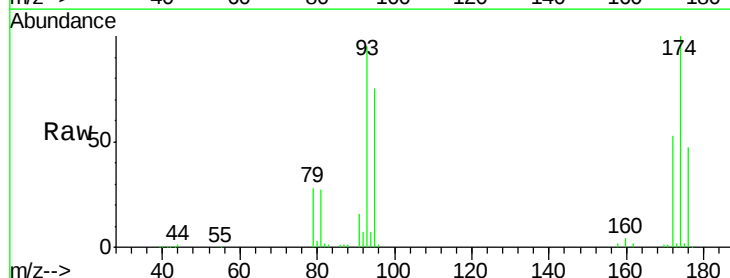
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 55.63 ug/l  
 RT: 6.56 min Scan# 1857  
 Delta R.T. -0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Tgt Ion: 93 Resp: 94025  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 65.5 98.3  
 174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 54.27 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

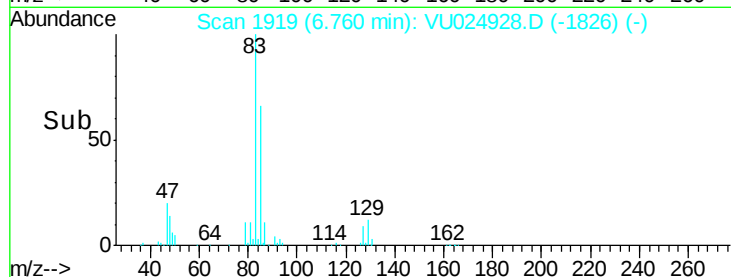
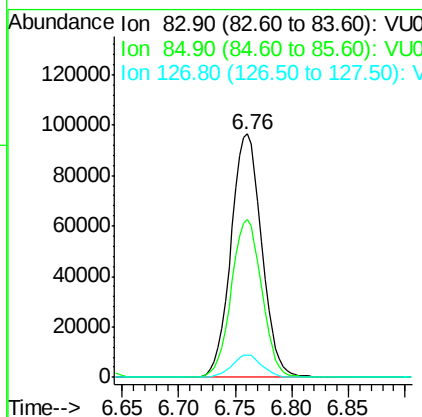
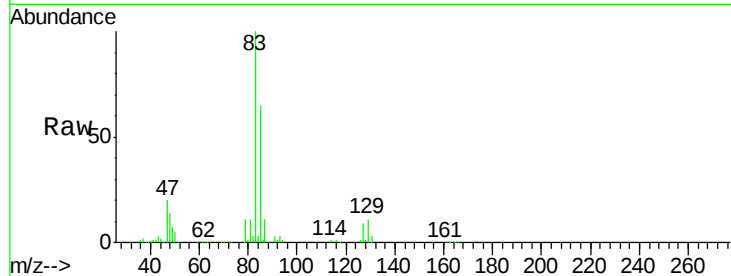
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 182658 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.8  | 51.9  | 77.9   |
| 127       | 9.2   | 6.6   | 9.8    |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 54.93 ug/l

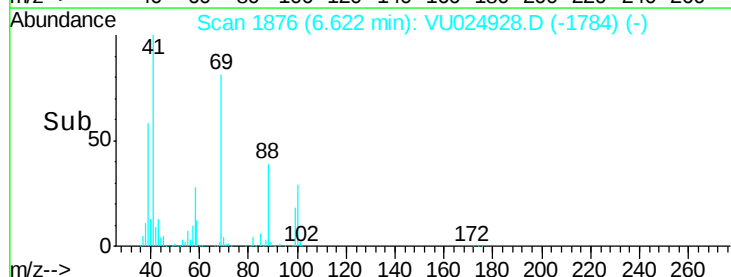
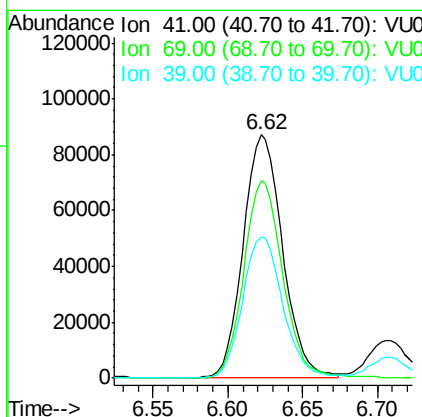
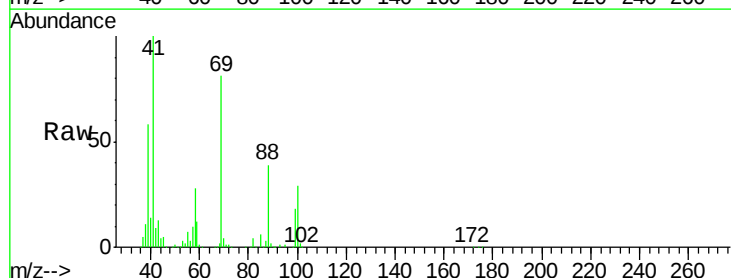
RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 159489 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 80.8  | 67.3  | 100.9  |
| 39        | 58.9  | 46.5  | 69.7   |





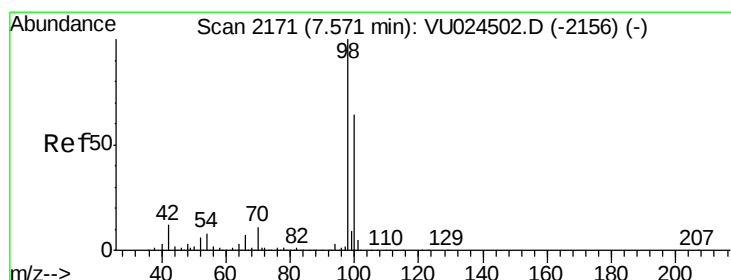
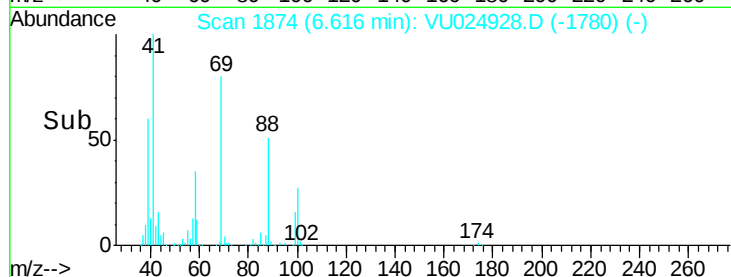
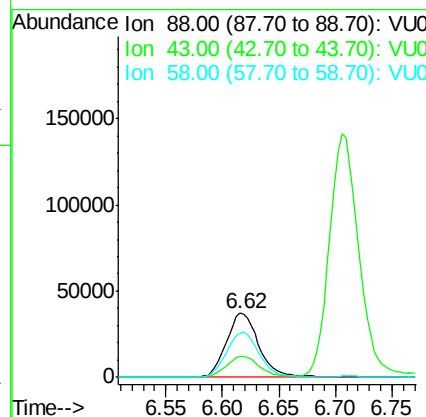
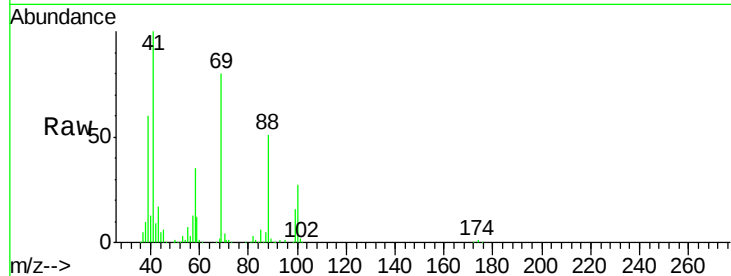
#49  
1,4-Dioxane  
Concen: 1311.66 ug/l  
RT: 6.62 min Scan# 1874  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.7  | 28.6  | 42.8  |
| 58      | 70.3  | 58.2  | 87.4  |

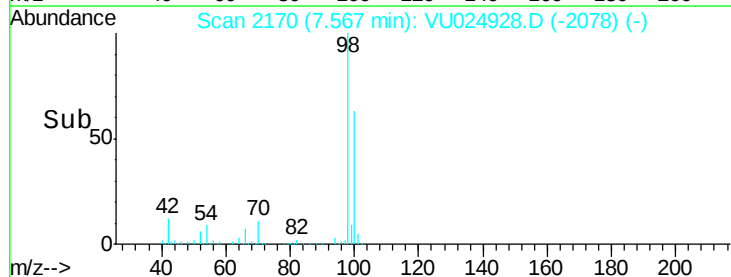
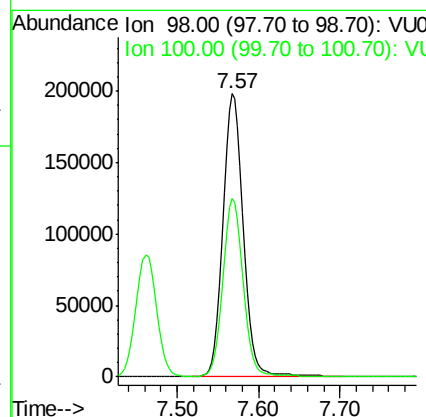
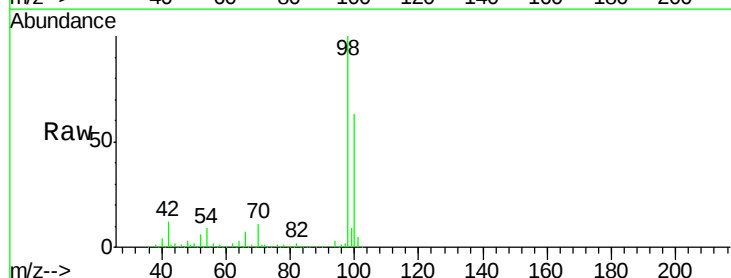
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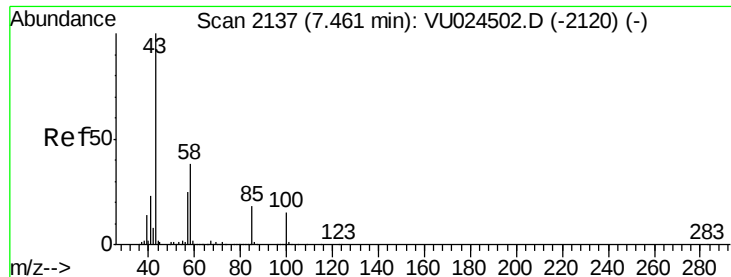
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#50  
Toluene-d8  
Concen: 43.15 ug/l  
RT: 7.57 min Scan# 2170  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 62.2  | 51.1  | 76.7  |





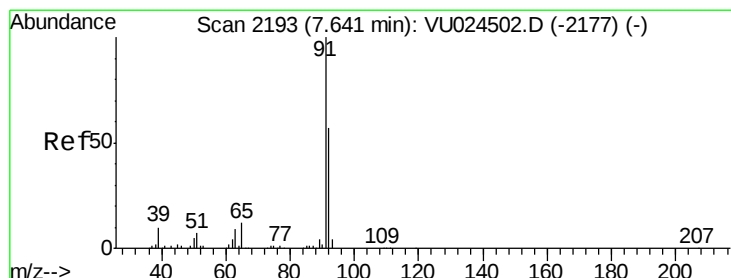
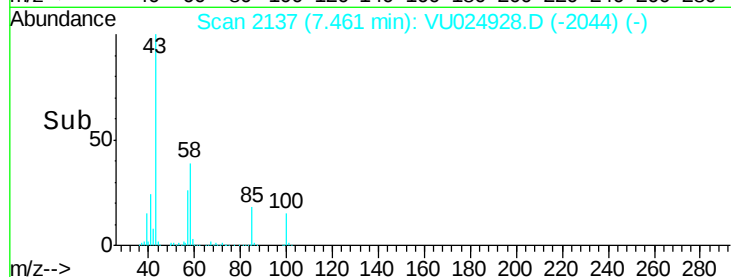
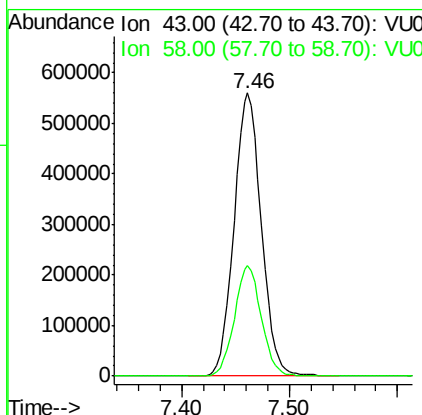
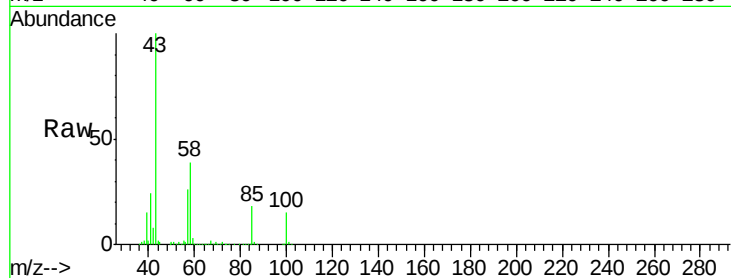
#51  
 4-Methyl-2-Pentanone  
 Concen: 263.03 ug/l  
 RT: 7.46 min Scan# 2137  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.5  | 30.0  | 45.0  |

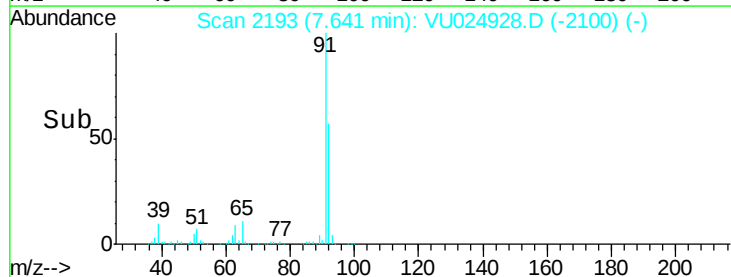
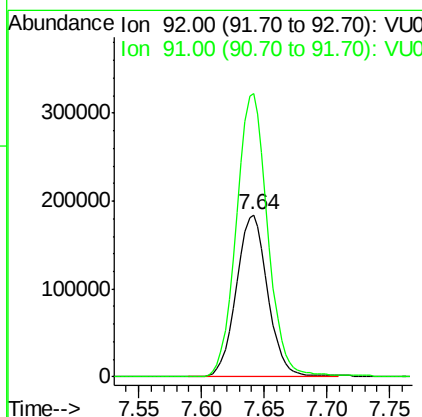
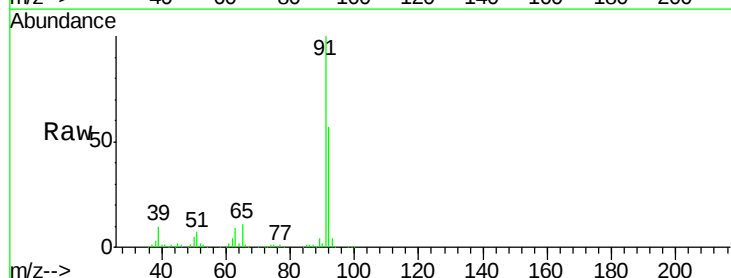
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#52  
 Toluene  
 Concen: 55.40 ug/l  
 RT: 7.64 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 176.0 | 140.5 | 210.7 |





#53

t-1,3-Dichloropropene

Concen: 52.60 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 198842

Ion Ratio Lower Upper

75 100

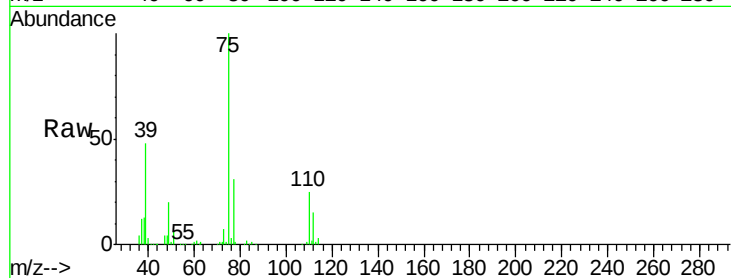
77 31.5 24.8 37.2

Manual Integrations

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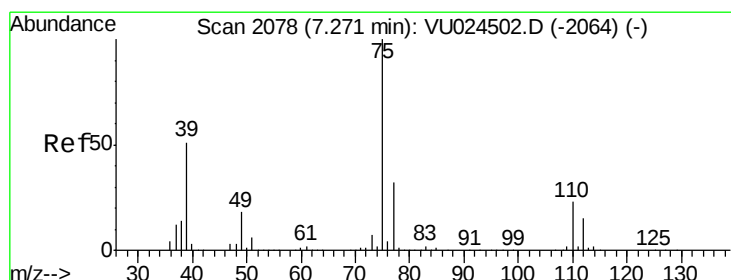
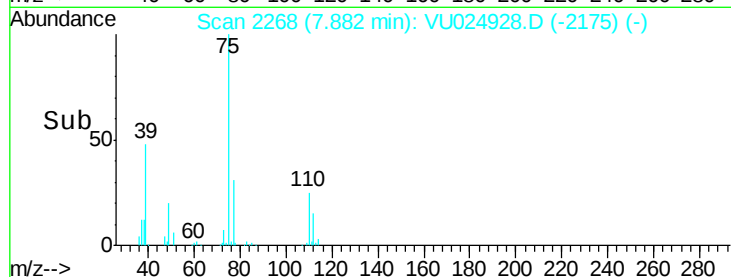
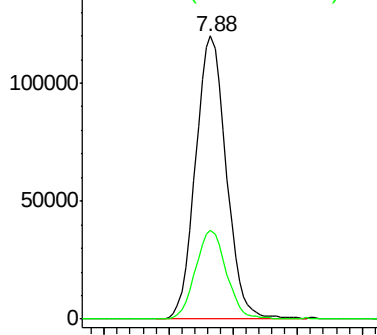
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Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 52.12 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

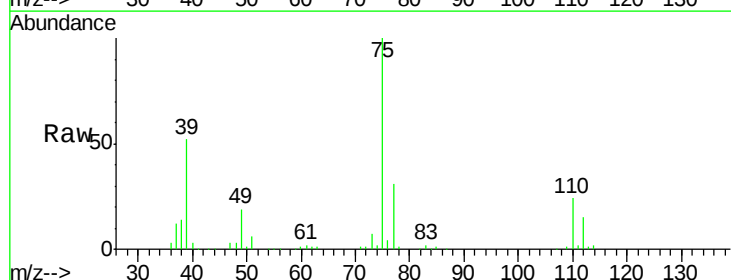
Tgt Ion: 75 Resp: 209940

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

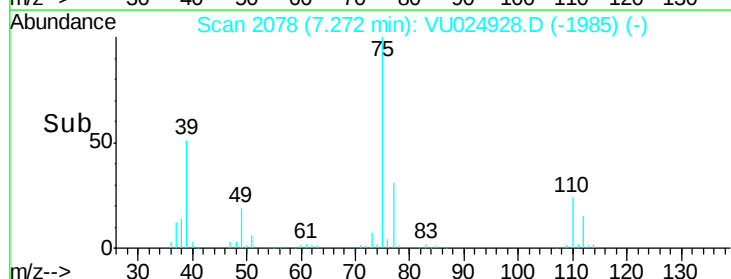
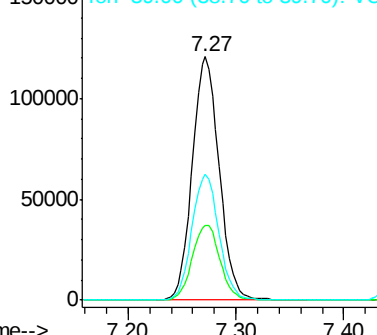
39 51.5 39.8 59.6



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





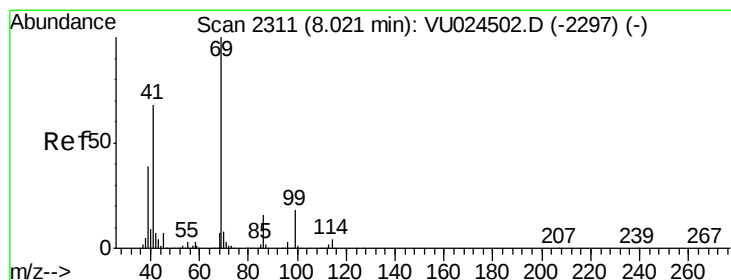
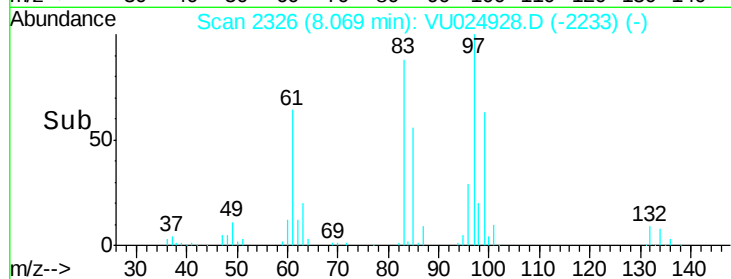
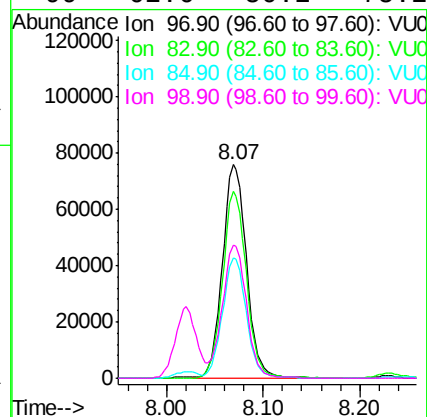
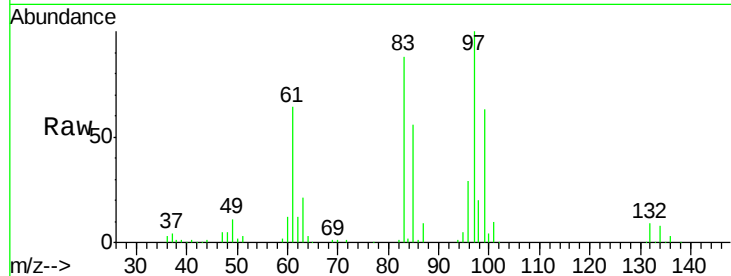
#55  
 1,1,2-Trichloroethane  
 Concen: 55.65 ug/l  
 RT: 8.07 min Scan# 2326  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 131252 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.5  | 70.5  | 105.7  |
| 85       | 56.2  | 46.4  | 69.6   |
| 99       | 62.6  | 50.2  | 75.2   |

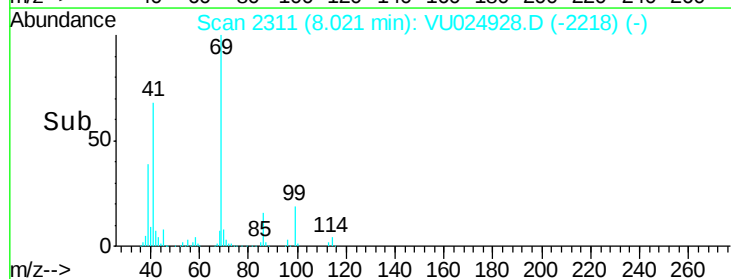
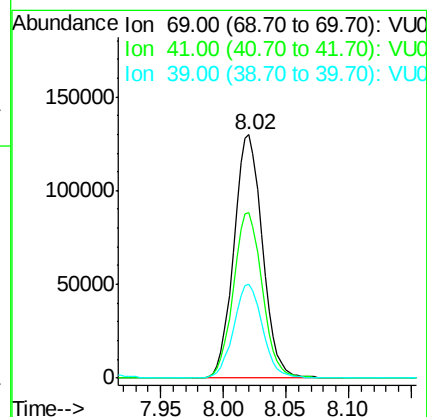
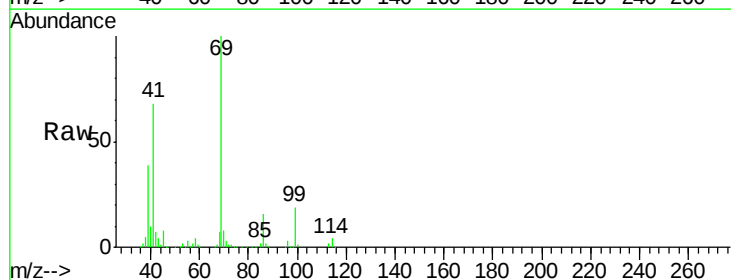
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#56  
 Ethyl methacrylate  
 Concen: 52.42 ug/l  
 RT: 8.02 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 206923 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.1  | 54.1  | 81.1   |
| 39       | 38.5  | 30.3  | 45.5   |





#57

1,3-Dichloropropane

Concen: 55.72 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 221708

Ion Ratio Lower Upper

76 100

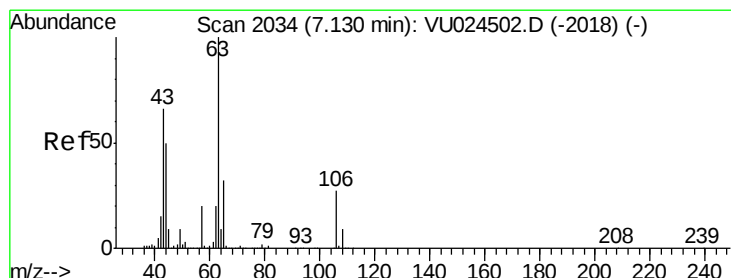
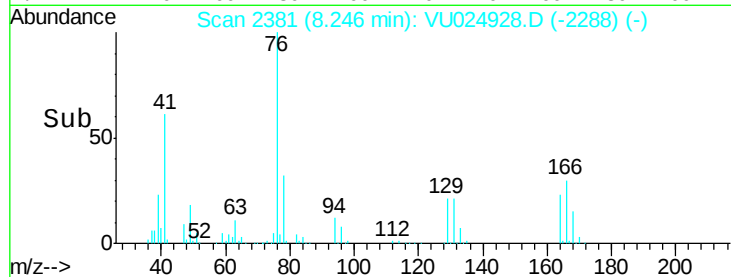
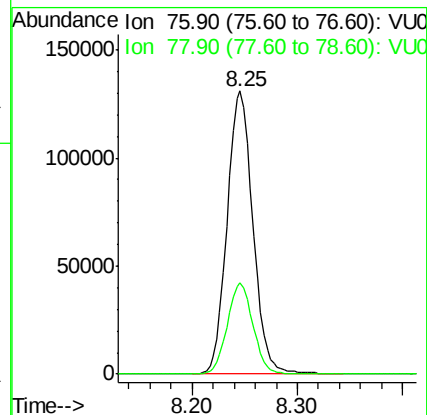
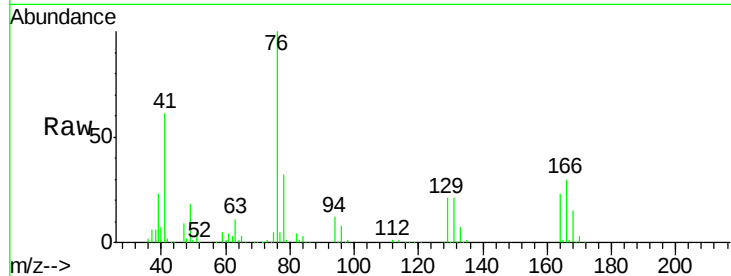
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 82.72 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024928.D

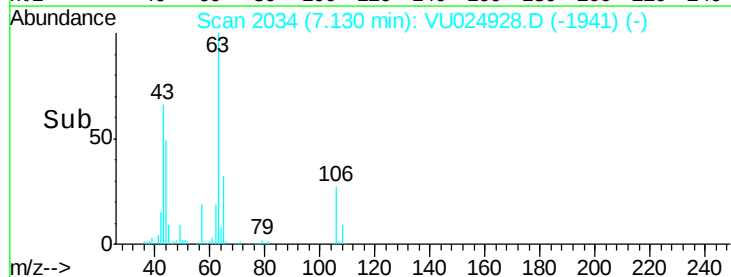
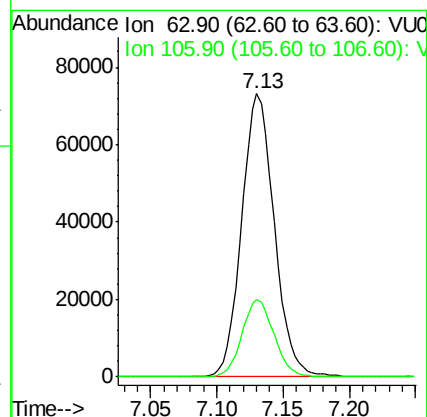
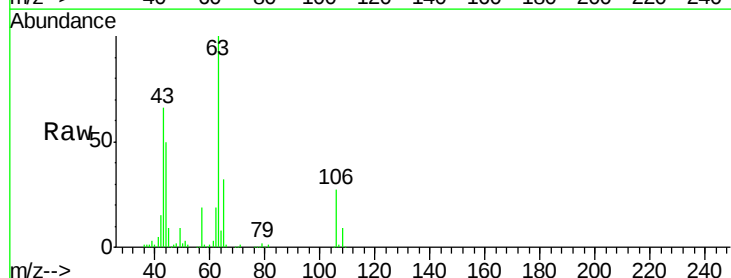
Acq: 26 Jun 2018 18:33

Tgt Ion: 63 Resp: 125112

Ion Ratio Lower Upper

63 100

106 26.8 20.2 30.2





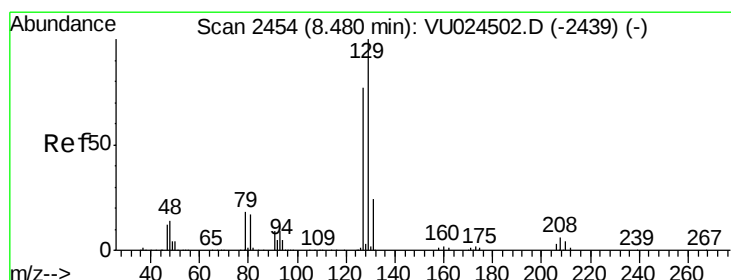
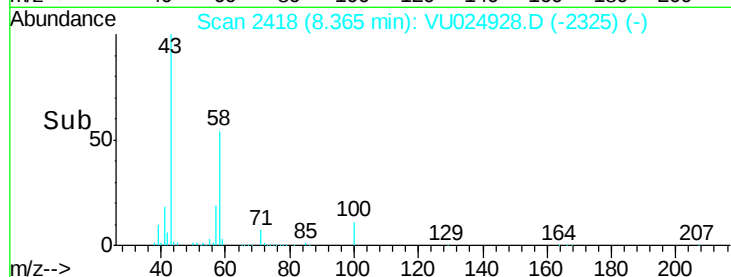
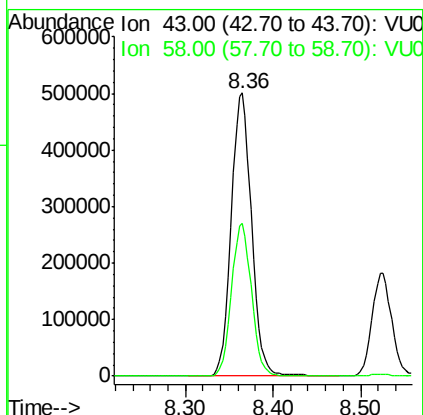
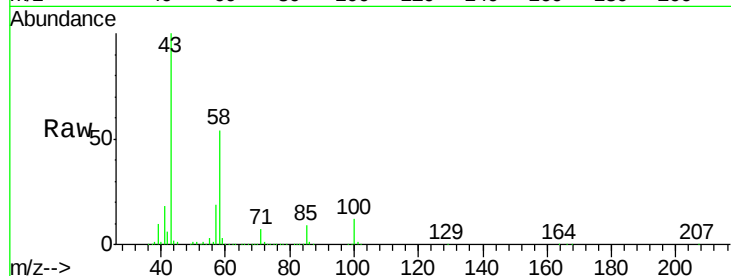
#59  
2-Hexanone  
Concen: 263.92 ug/l  
RT: 8.36 min Scan# 2418  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 807209  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.4 79.0

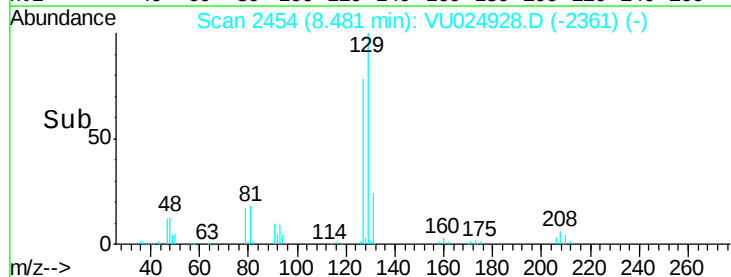
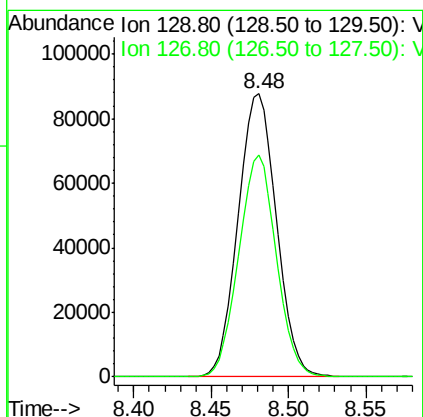
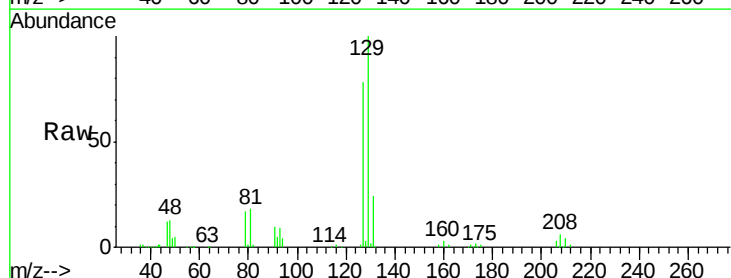
Manual Integrations  
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#60  
Dibromochloromethane  
Concen: 51.56 ug/l  
RT: 8.48 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Tgt Ion: 129 Resp: 151654  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.81 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 143895

Ion Ratio Lower Upper

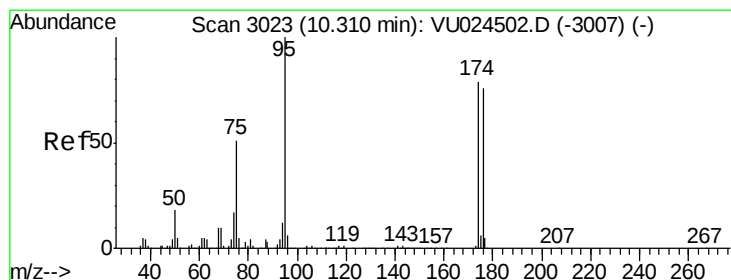
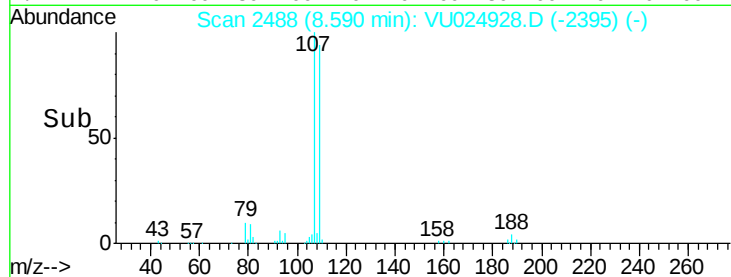
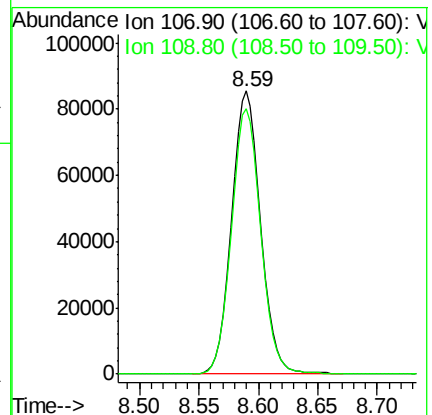
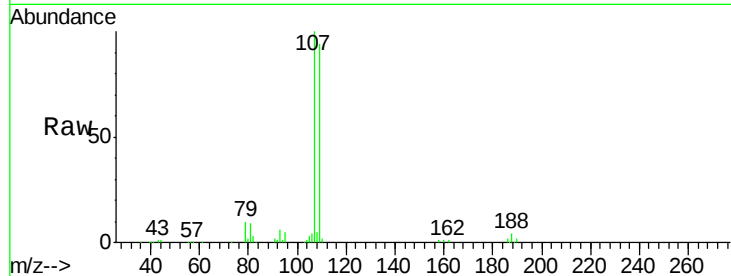
107 100

109 95.0 74.5 111.7

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 45.55 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

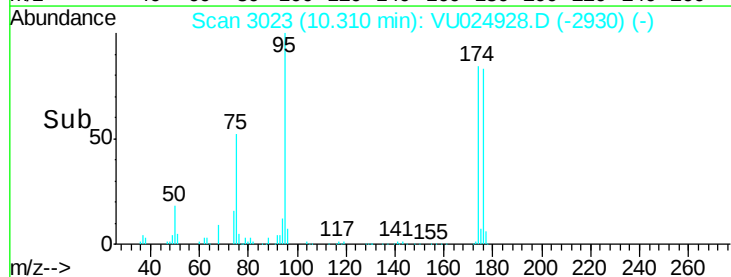
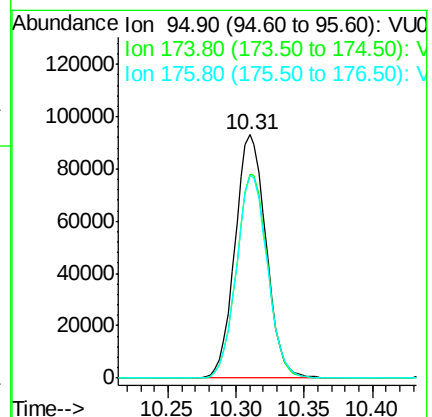
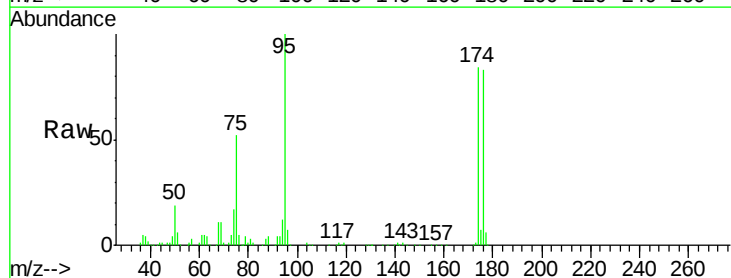
Tgt Ion: 95 Resp: 147479

Ion Ratio Lower Upper

95 100

174 83.9 0.0 165.8

176 83.3 0.0 159.4





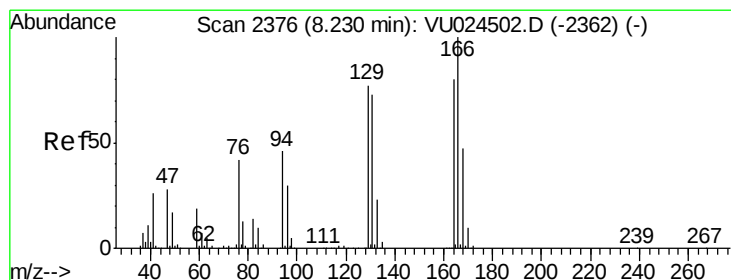
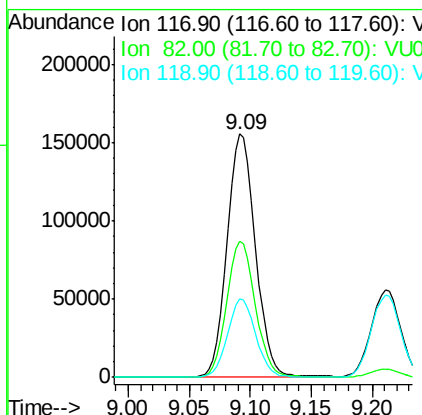
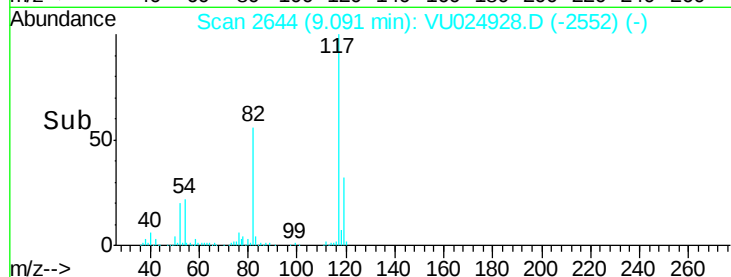
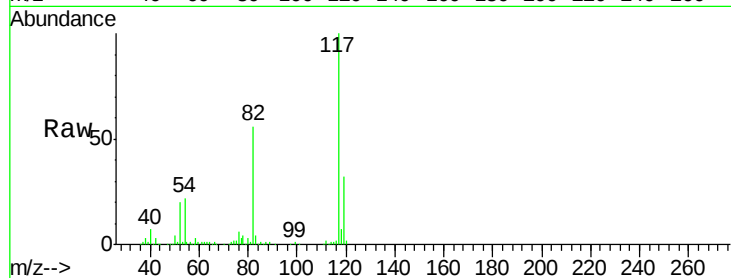
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.09 min Scan# 2644  
Delta R.T. -0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 254461 |       |       |
| 82      | 56.1  | 44.3   | 66.5  |       |
| 119     | 32.2  | 25.4   | 38.2  |       |

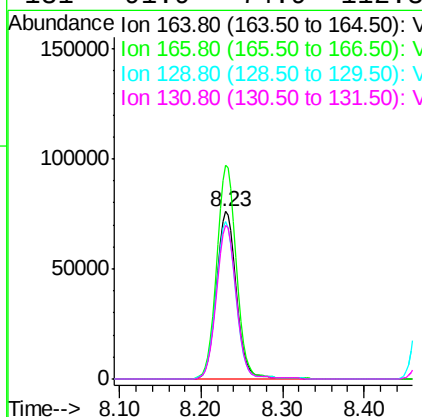
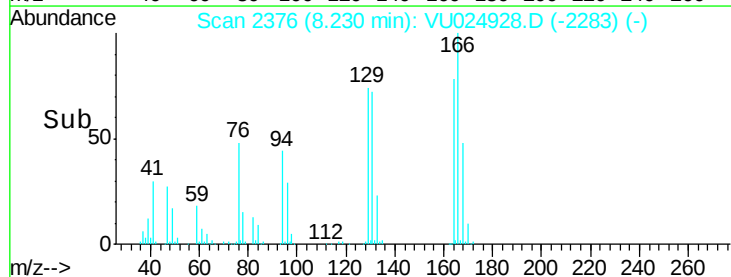
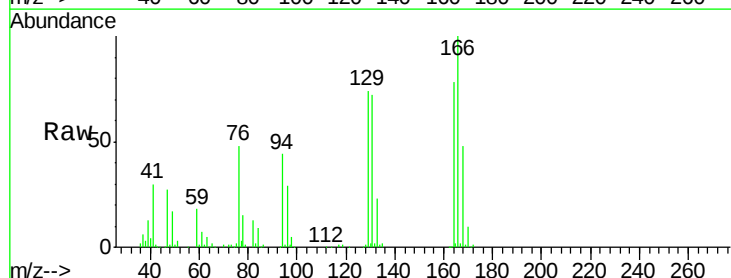
Manual Integrations  
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#64  
Tetrachloroethene  
Concen: 54.90 ug/l  
RT: 8.23 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 132798 |       |       |
| 166     | 127.8 | 101.7  | 152.5 |       |
| 129     | 94.1  | 76.9   | 115.3 |       |
| 131     | 91.9  | 74.9   | 112.3 |       |





#65

Chlorobenzene

Concen: 56.38 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 366524

Ion Ratio Lower Upper

112 100

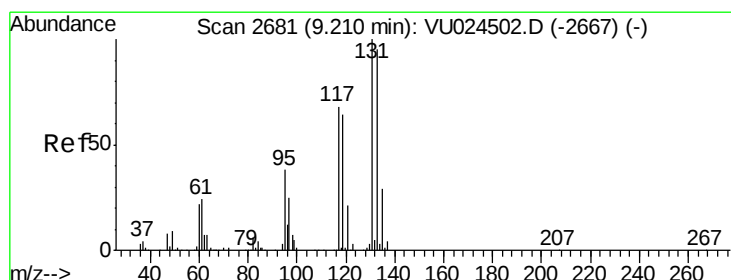
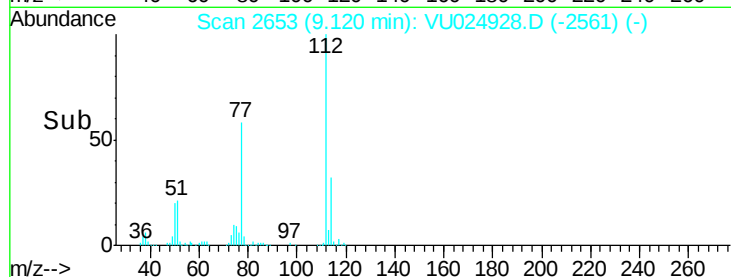
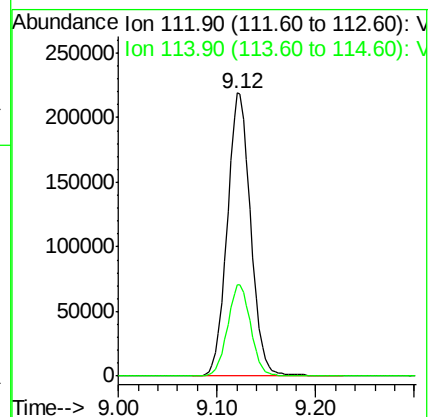
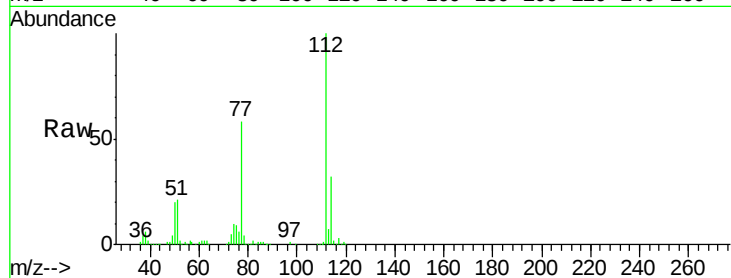
114 32.1 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.16 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

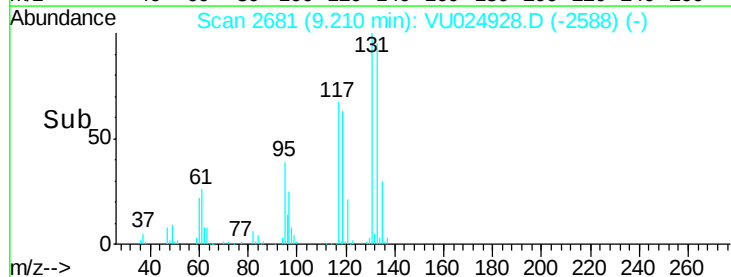
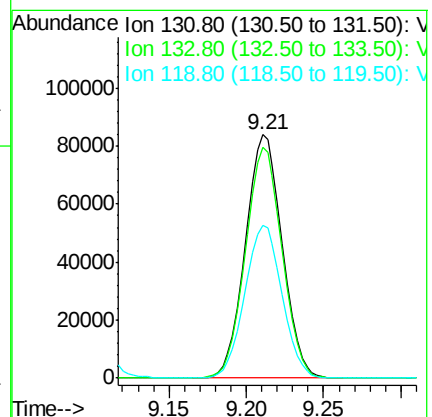
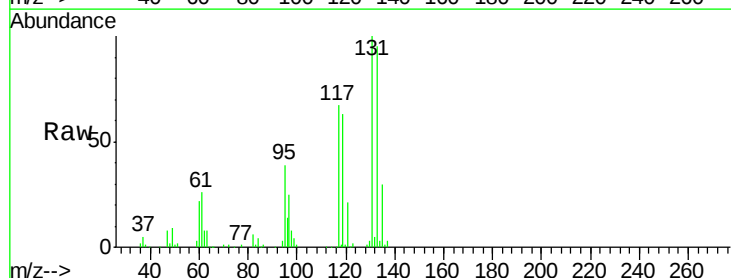
Tgt Ion:131 Resp: 138698

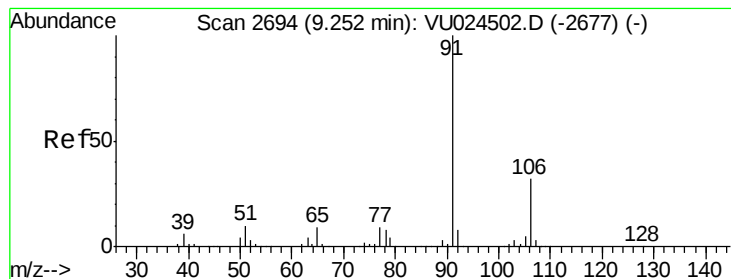
Ion Ratio Lower Upper

131 100

133 94.6 46.9 140.8

119 63.4 33.5 100.4





#67

Ethyl Benzene

Concen: 56.53 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 644204

Ion Ratio Lower Upper

91 100

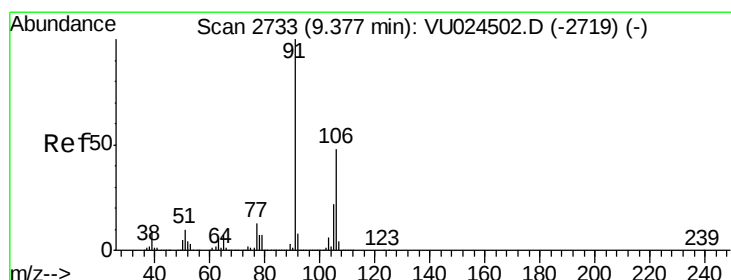
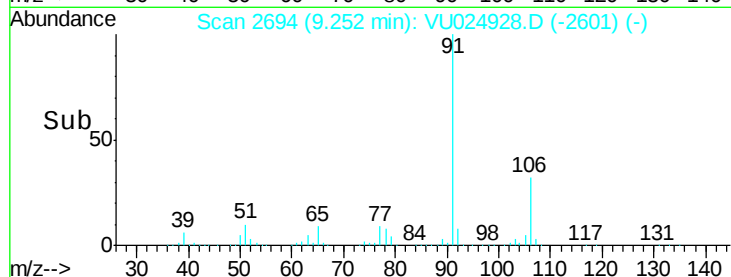
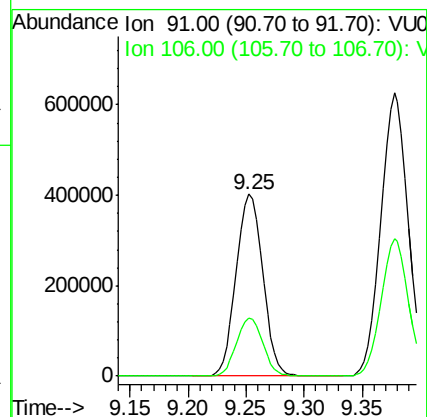
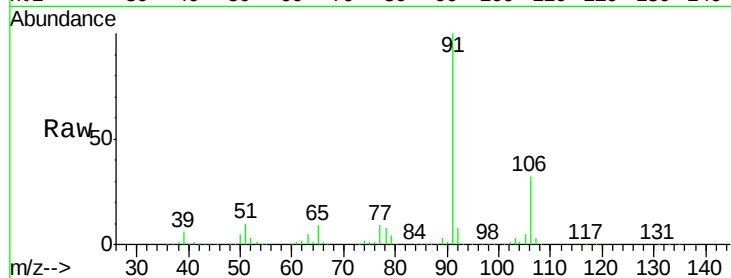
106 32.2 24.2 36.4

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#68

m/p-Xylenes

Concen: 115.29 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024928.D

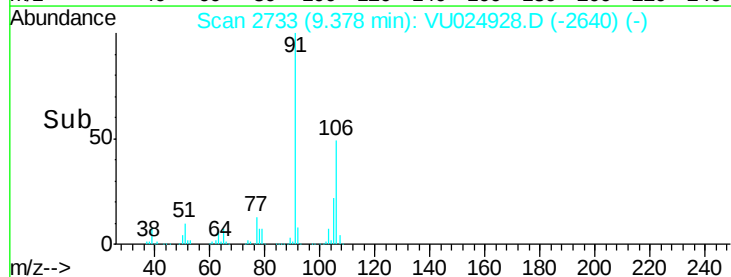
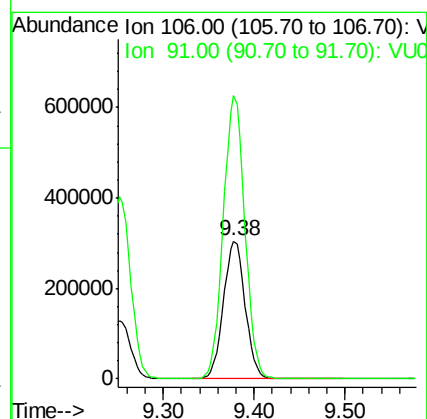
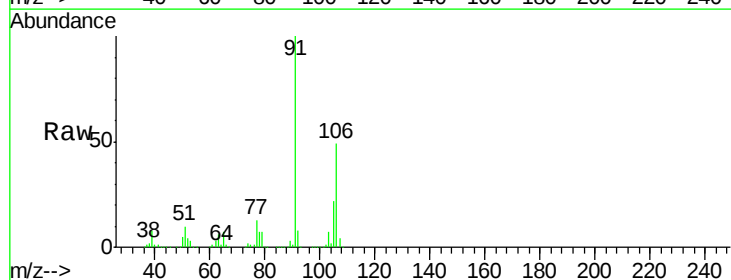
Acq: 26 Jun 2018 18:33

Tgt Ion: 106 Resp: 504517

Ion Ratio Lower Upper

106 100

91 204.9 166.5 249.7





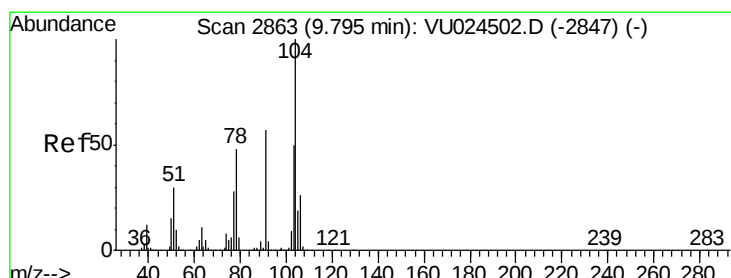
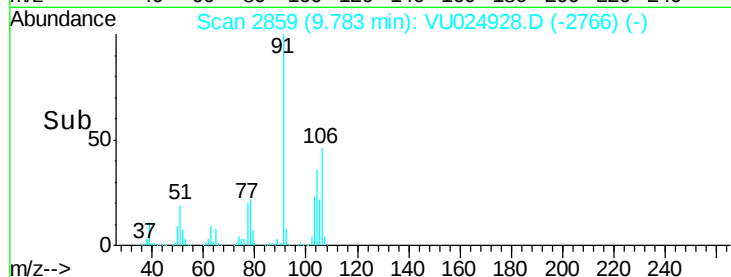
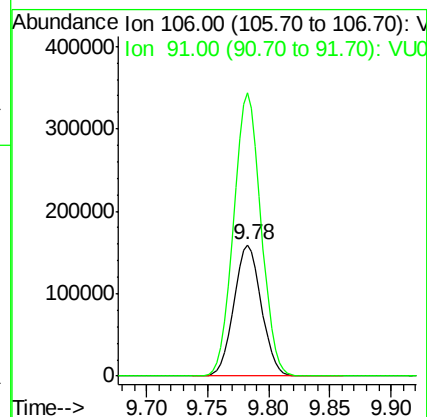
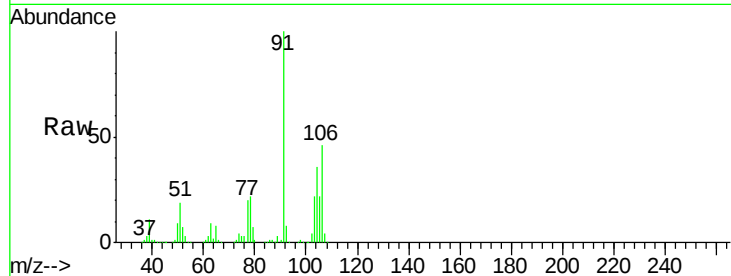
#69  
o-Xylene  
Concen: 58.02 ug/l  
RT: 9.78 min Scan# 2859  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 214.2 | 110.7 | 331.9 |

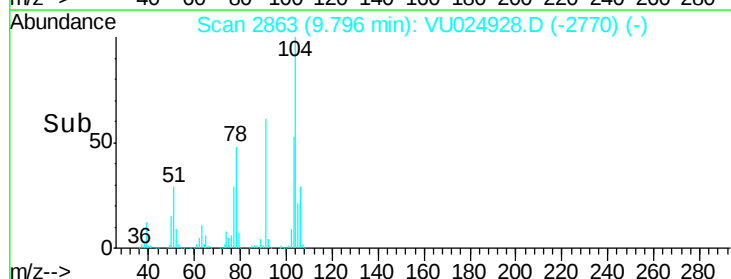
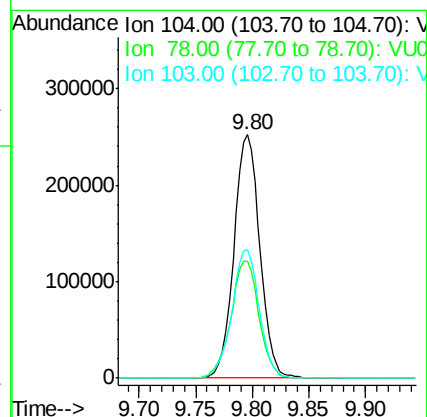
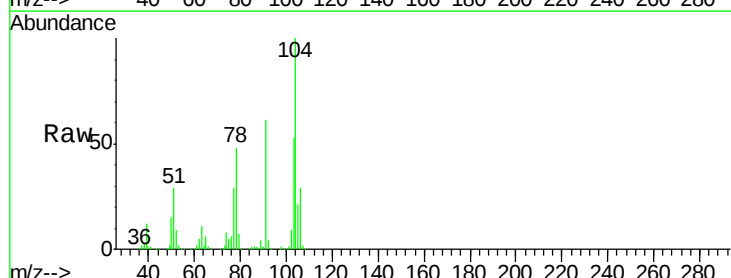
Manual Integrations  
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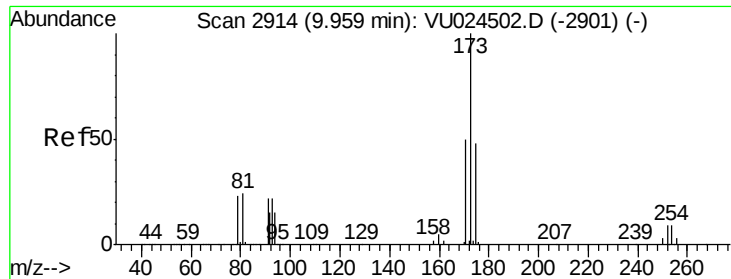
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#70  
Styrene  
Concen: 56.46 ug/l  
RT: 9.80 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.2  | 40.6  | 60.8  |
| 103     | 56.1  | 44.7  | 67.1  |





#71

Bromoform

Concen: 51.43 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

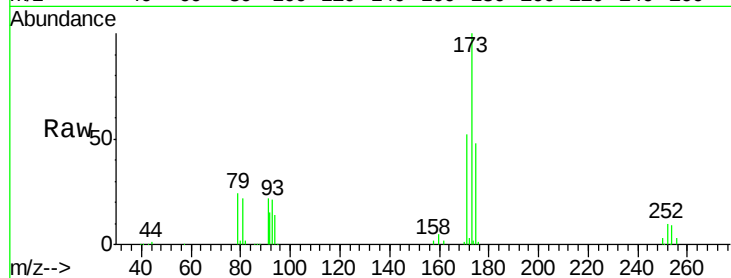
ClientSampleId :

VSTDCCC050

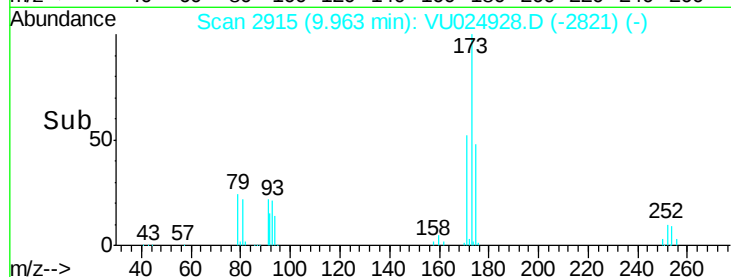
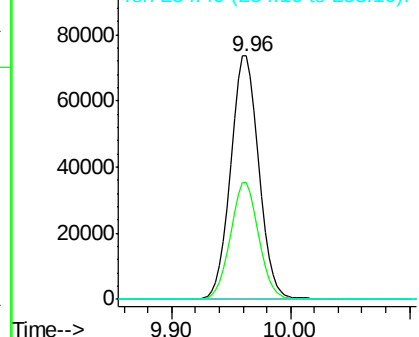
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 120721 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.1  | 24.6  | 74.0   |
| 254       | 0.0   | 0.0   | 0.0    |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

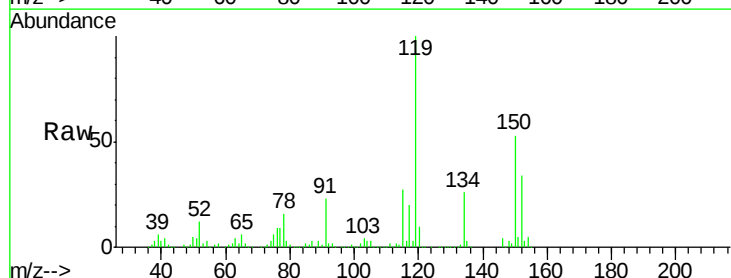
RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

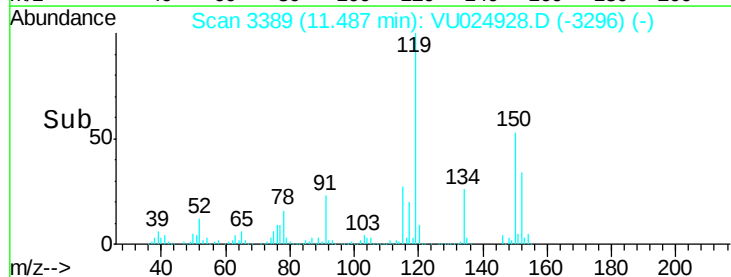
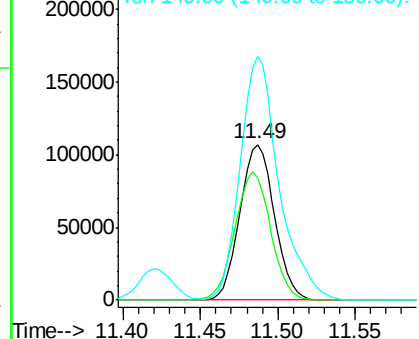
Lab File: VU024928.D

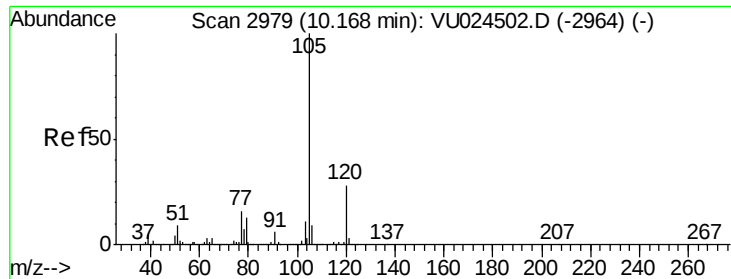
Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 165609 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 85.2  | 43.0  | 129.0  |
| 150       | 176.4 | 0.0   | 354.0  |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.71 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 682904

Ion Ratio Lower Upper

105 100

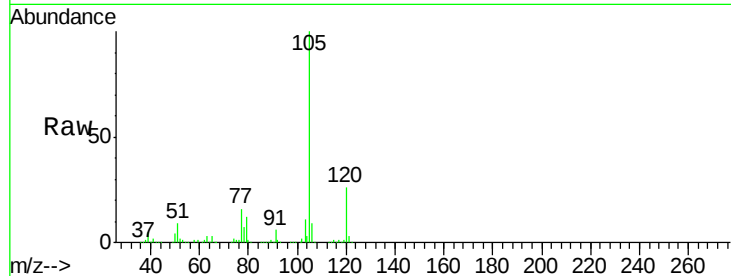
120 26.3 13.2 39.6

Manual Integrations

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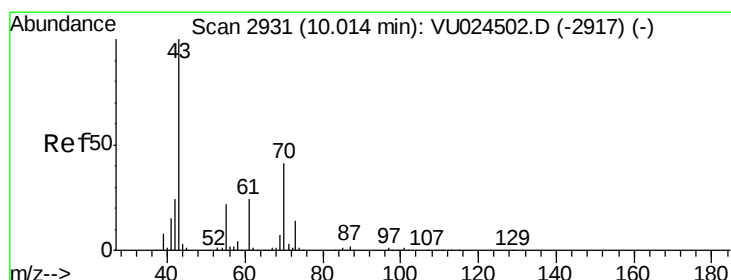
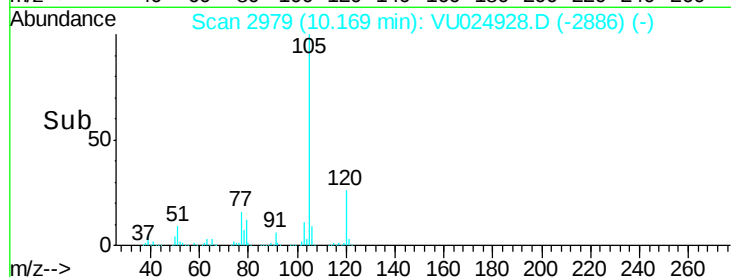
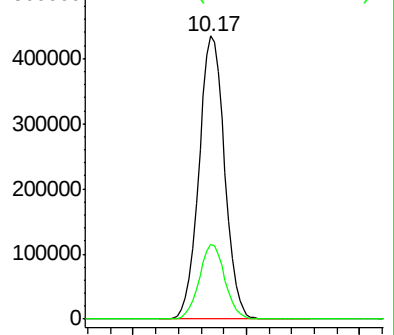
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.05 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tgt Ion: 43 Resp: 290589

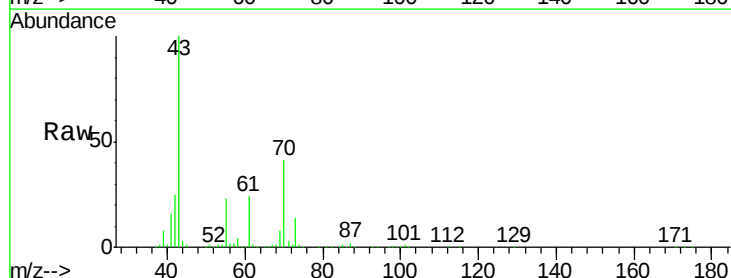
Ion Ratio Lower Upper

43 100

70 41.2 32.2 48.4

55 23.7 20.5 30.7

61 23.7 18.7 28.1

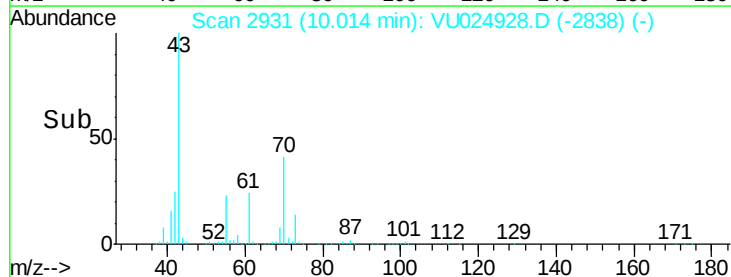
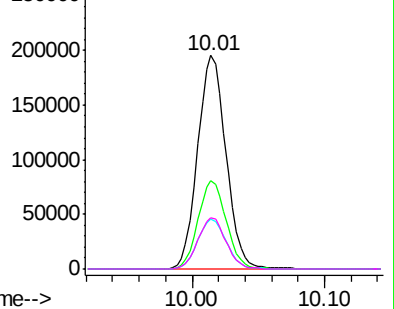


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.77 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 220594

Ion Ratio Lower Upper

83 100

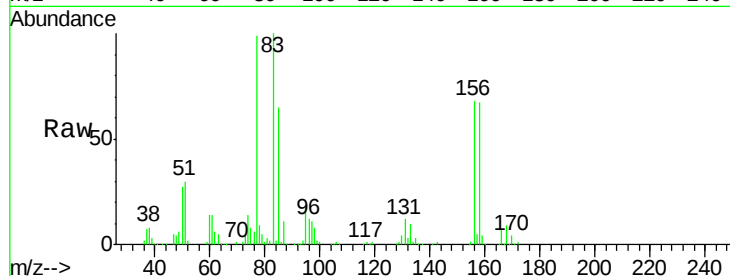
131 11.0 4.7 14.1

85 64.7 32.5 97.5

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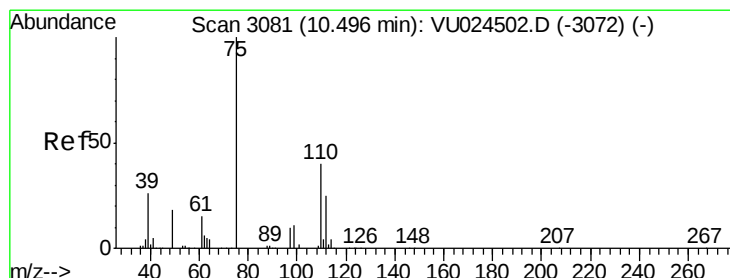
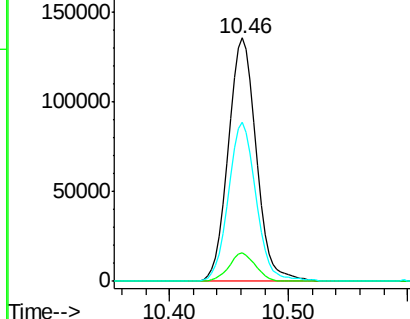
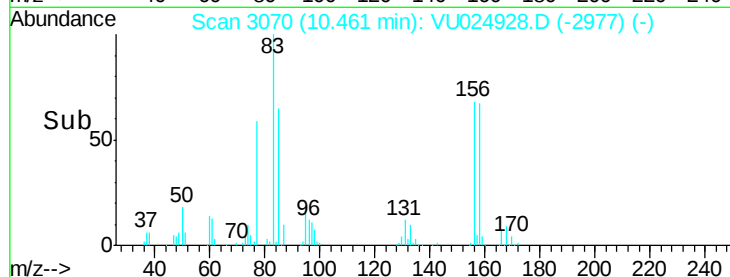


Abundance Ion 82.90 (82.60 to 83.60): VU024928.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024928.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024928.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.67 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024928.D

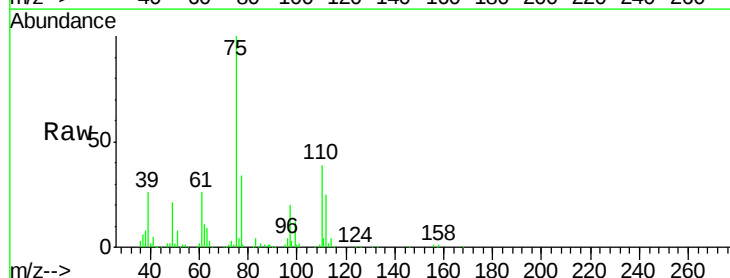
Acq: 26 Jun 2018 18:33

Tgt Ion: 75 Resp: 188399

Ion Ratio Lower Upper

75 100

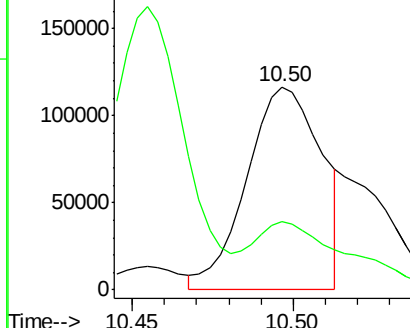
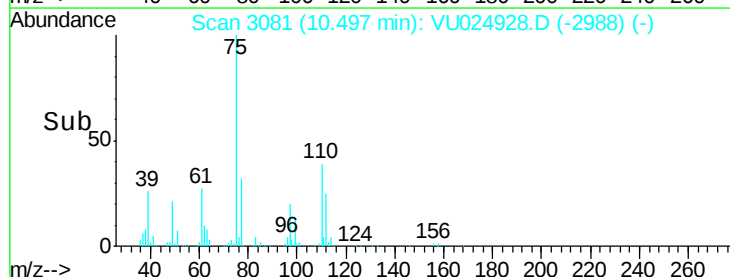
77 41.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024928.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024928.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 53.27 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

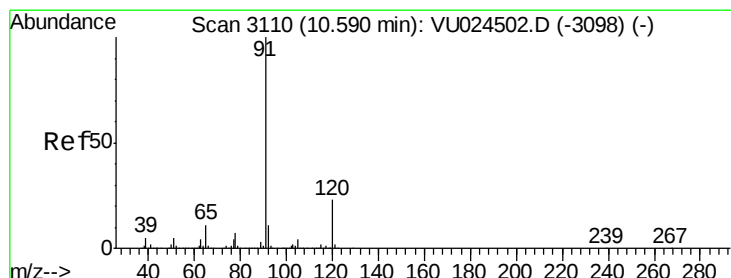
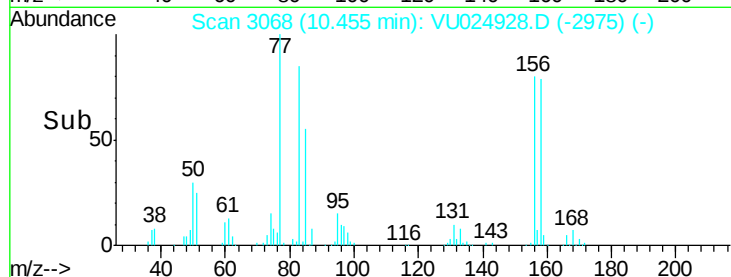
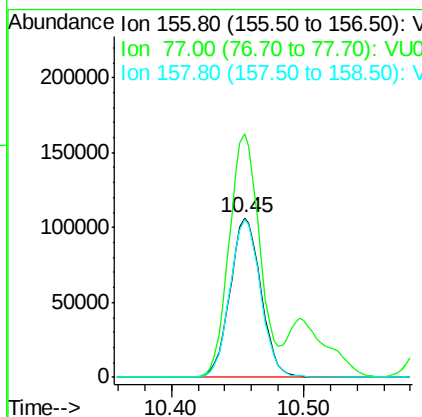
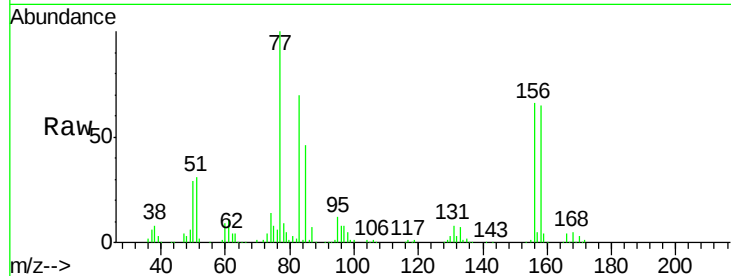
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 151.5 | 80.5  | 241.3 |
| 158     | 98.4  | 48.2  | 144.6 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 52.40 ug/l

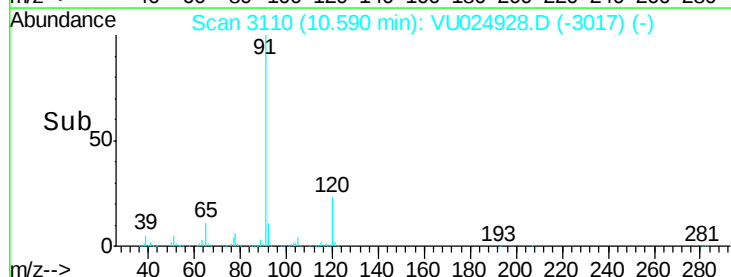
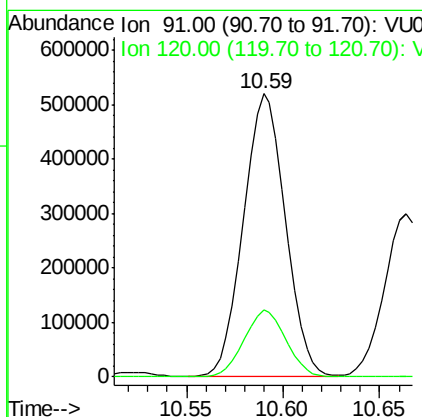
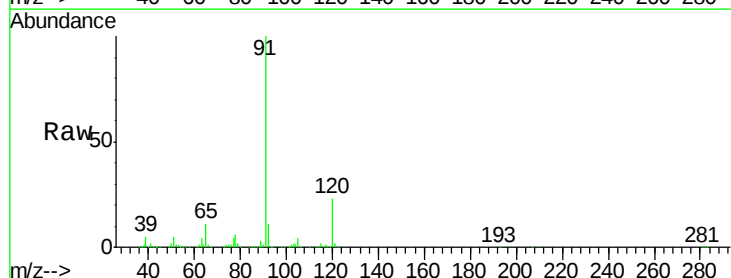
RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.6  | 11.2  | 33.5  |





#79

2-Chlorotoluene

Concen: 52.97 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 467844

Ion Ratio Lower Upper

91 100

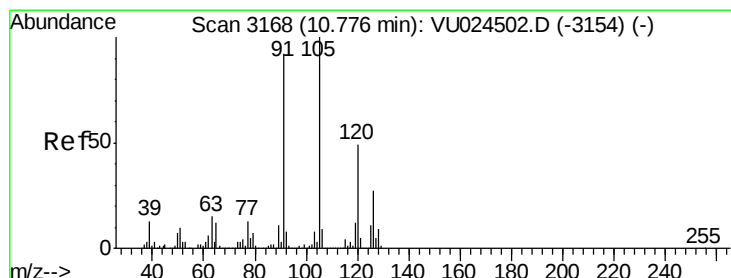
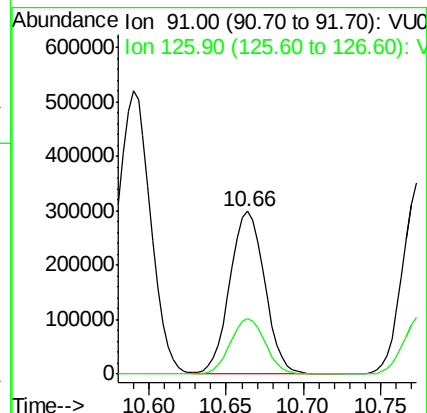
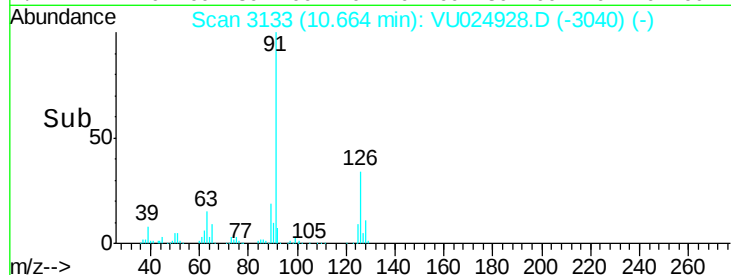
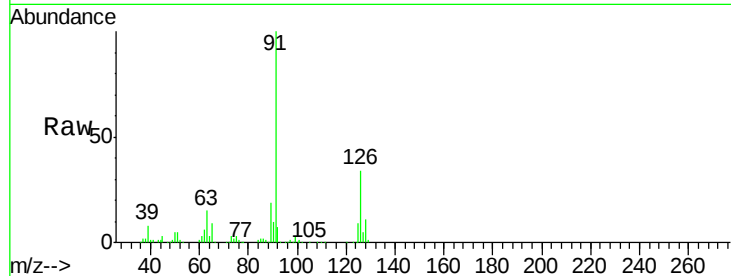
126 34.0 16.9 50.7

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#80

1,3,5-Trimethylbenzene

Concen: 53.92 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024928.D

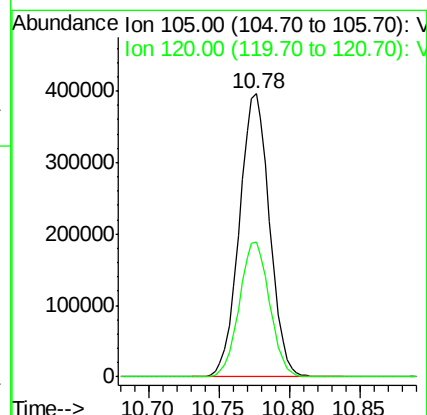
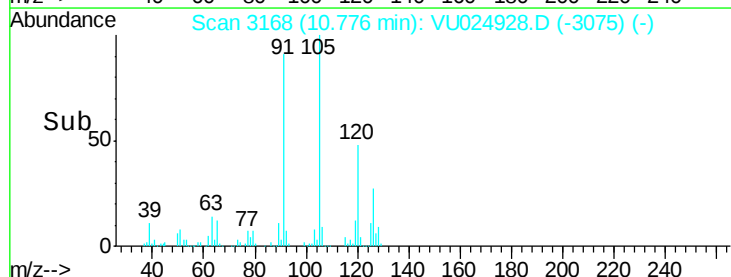
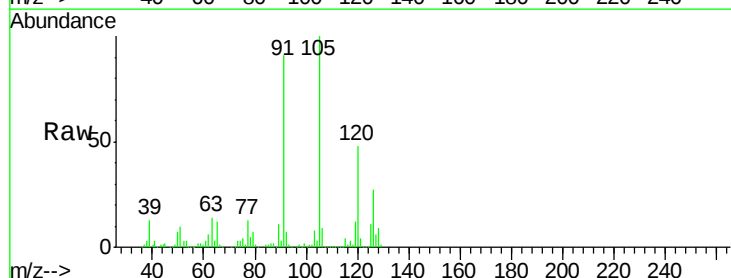
Acq: 26 Jun 2018 18:33

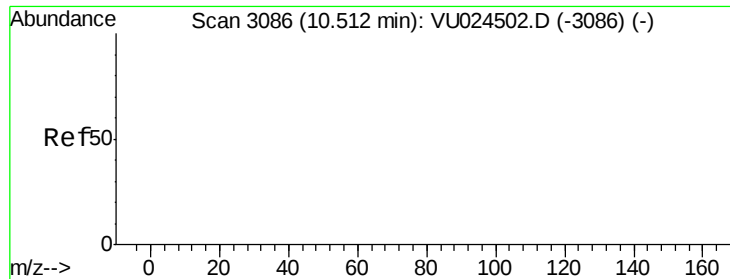
Tgt Ion: 105 Resp: 594229

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2





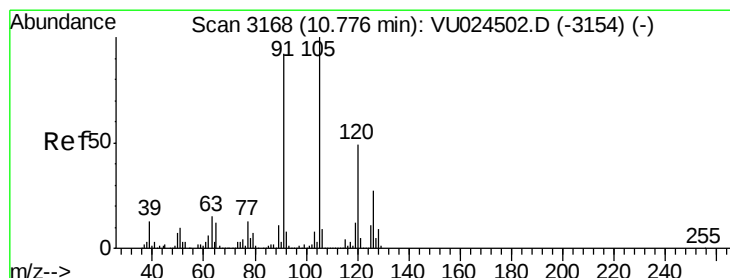
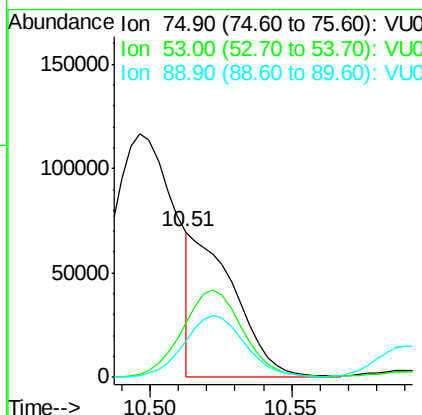
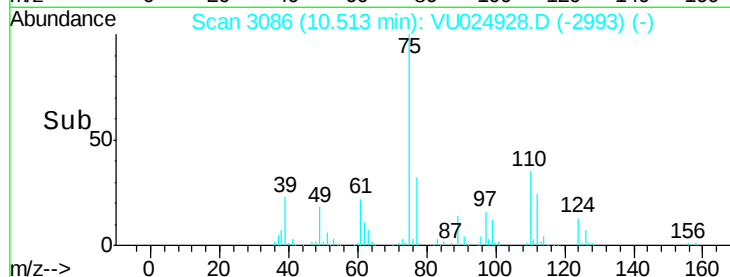
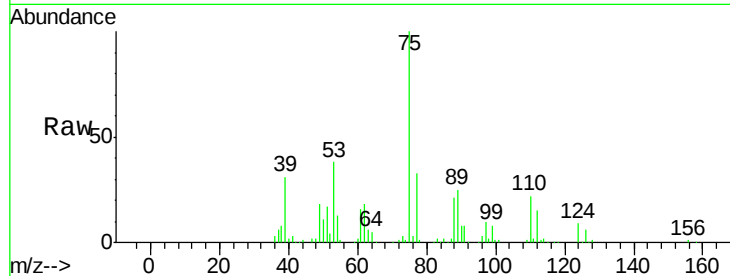
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.48 ug/l m  
RT: 10.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 0.0   | 0.0   | 0.0   |
| 89      | 0.0   | 0.0   | 0.0   |

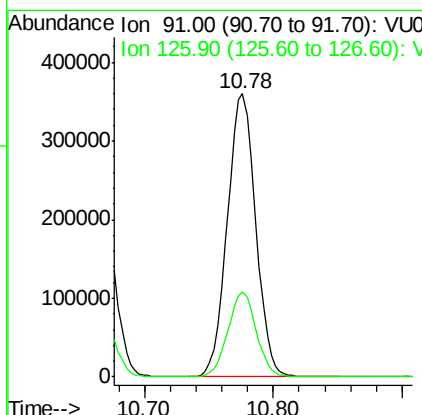
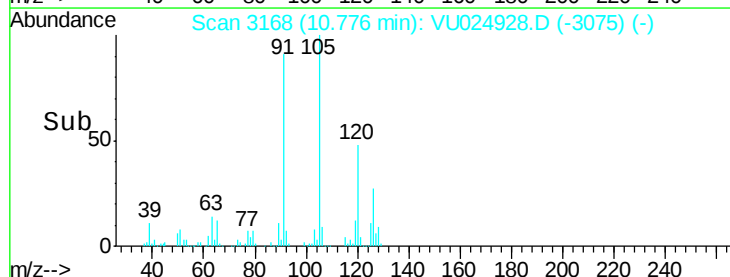
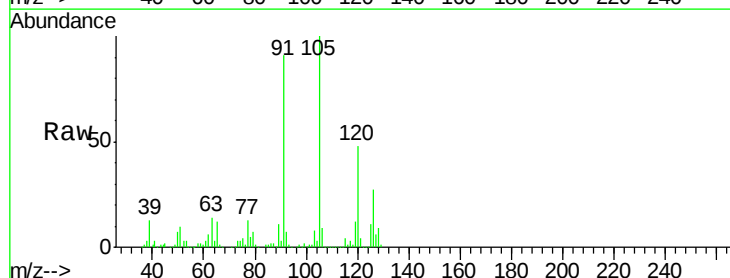
Manual Integrations  
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#82  
4-Chlorotoluene  
Concen: 53.34 ug/l  
RT: 10.78 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.8  | 14.9  | 44.9  |





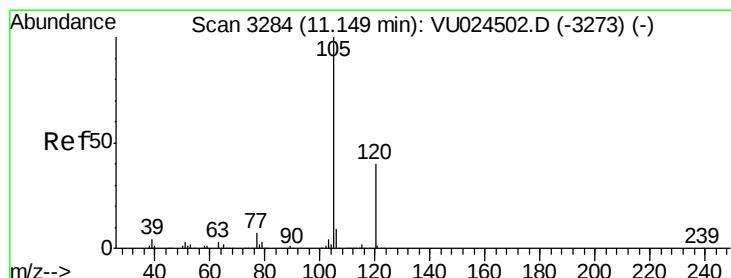
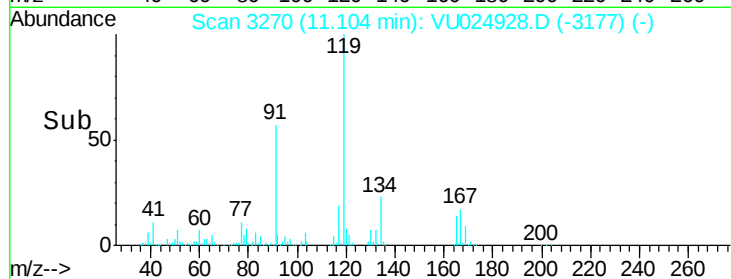
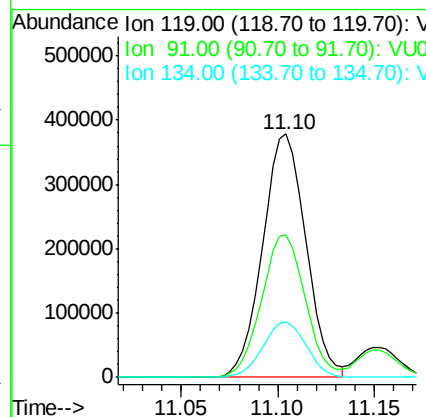
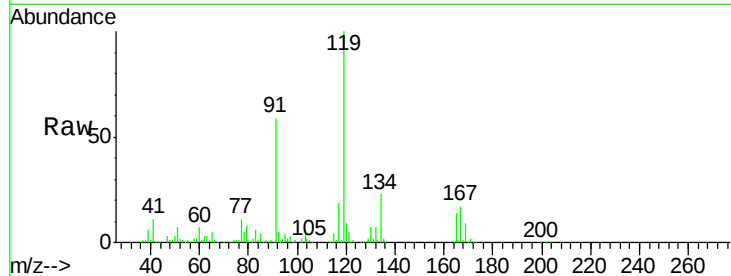
#83  
 tert-Butylbenzene  
 Concen: 55.50 ug/l  
 RT: 11.10 min Scan# 3270  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 588382 |       |       |
| 91      | 59.2  |        | 29.7  | 89.1  |
| 134     | 22.9  |        | 11.6  | 34.7  |

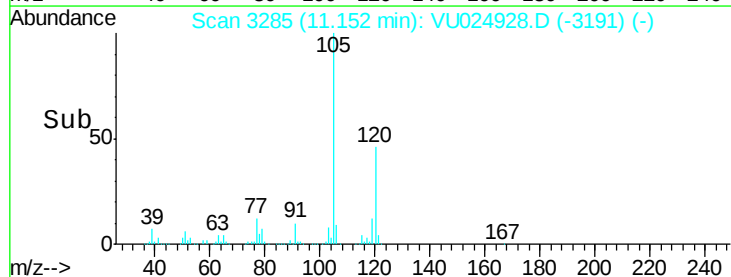
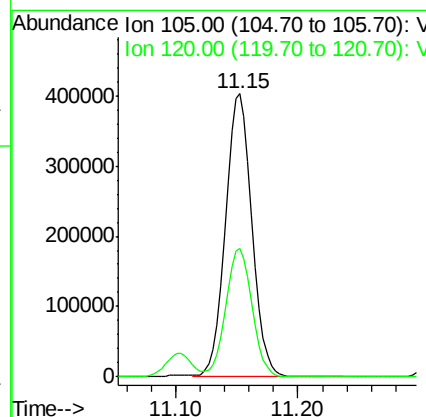
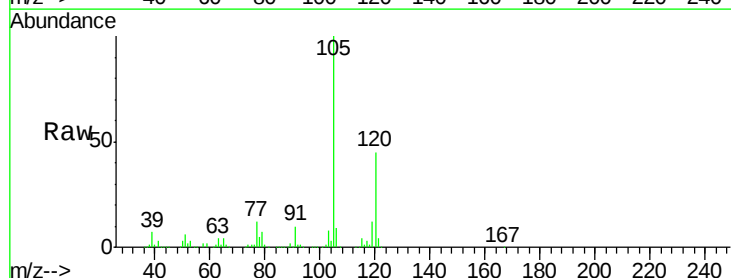
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.33 ug/l  
 RT: 11.15 min Scan# 3285  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 610137 |       |       |
| 120     | 45.3  |        | 22.6  | 67.8  |





#85

sec-Butylbenzene

Concen: 53.86 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 714666

Ion Ratio Lower Upper

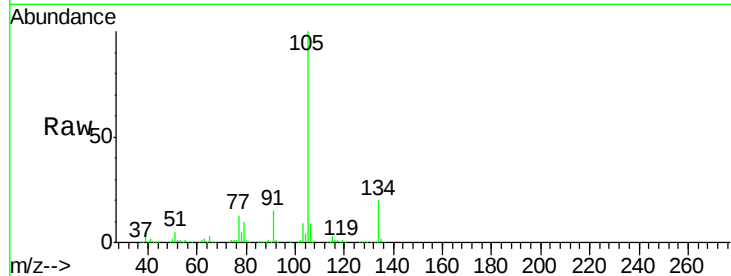
105 100

134 20.1 9.7 29.1

Manual Integrations  
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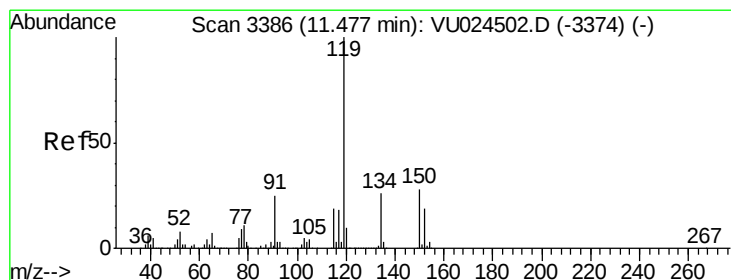
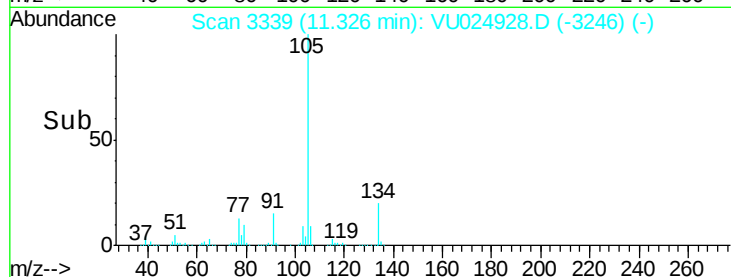
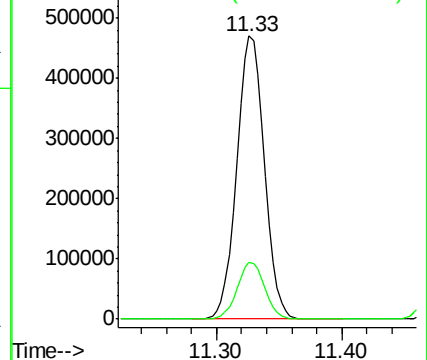
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.79 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

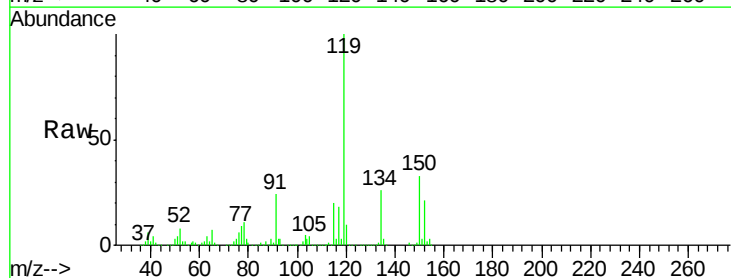
Tgt Ion:119 Resp: 639253

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

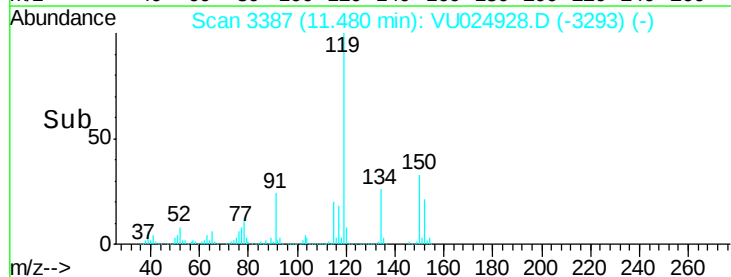
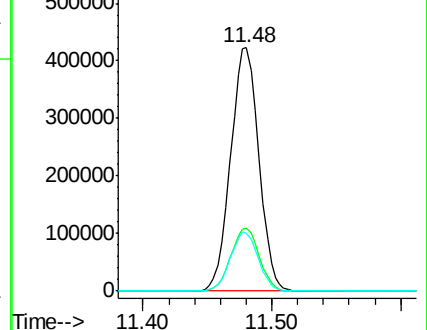
91 24.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





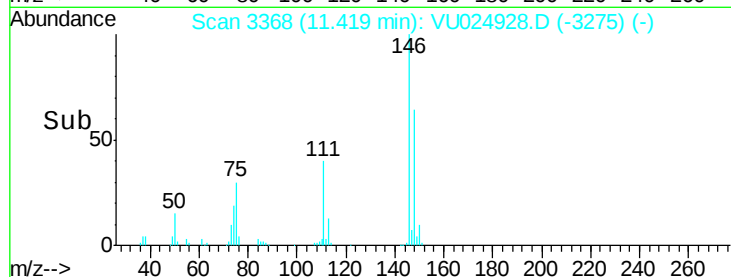
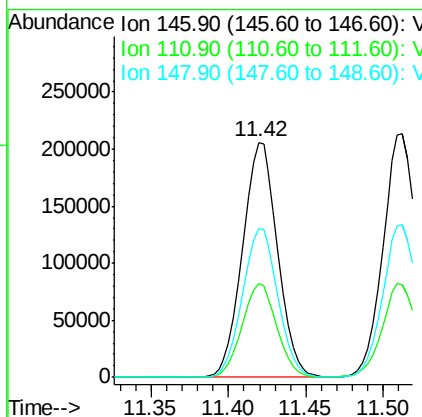
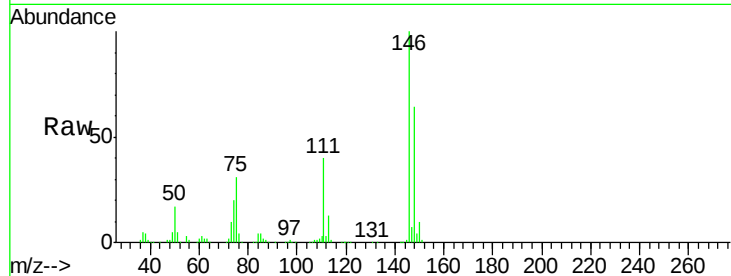
#87  
 1,3-Dichlorobenzene  
 Concen: 54.51 ug/l  
 RT: 11.42 min Scan# 3368  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 20.0  | 60.0  |
| 148     | 63.8  | 32.1  | 96.5  |

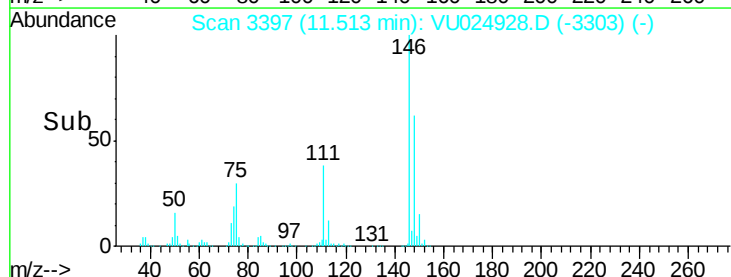
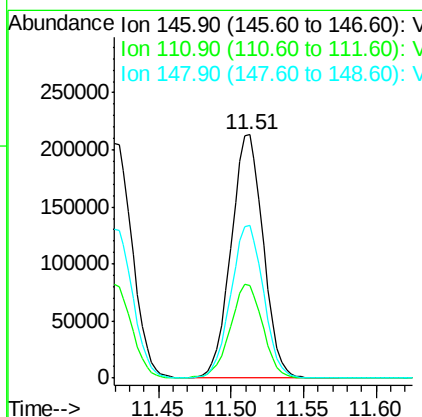
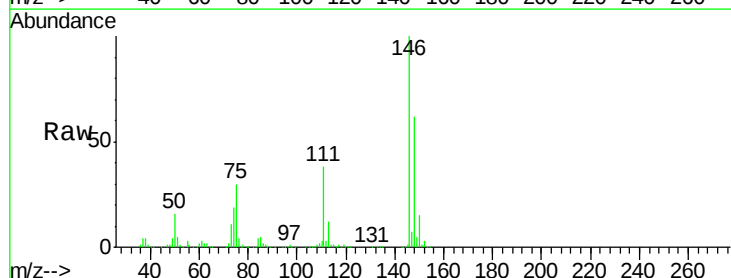
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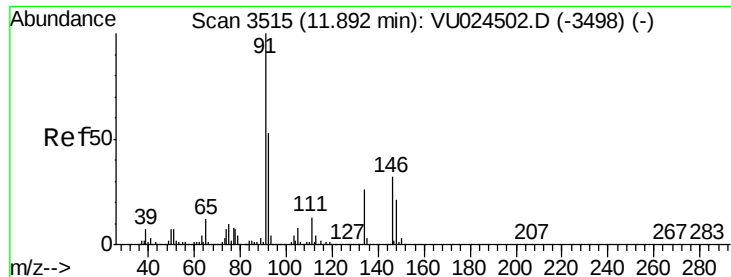
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#88  
 1,4-Dichlorobenzene  
 Concen: 54.72 ug/l  
 RT: 11.51 min Scan# 3397  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.5  | 58.5  |
| 148     | 64.0  | 32.4  | 97.0  |





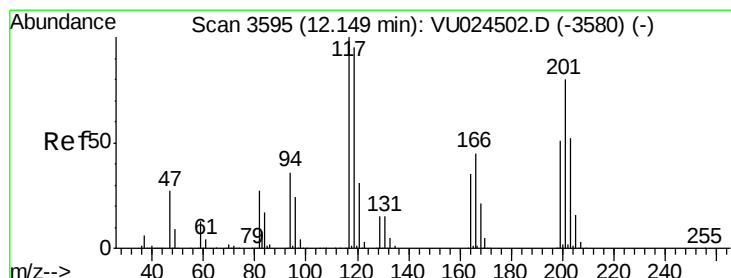
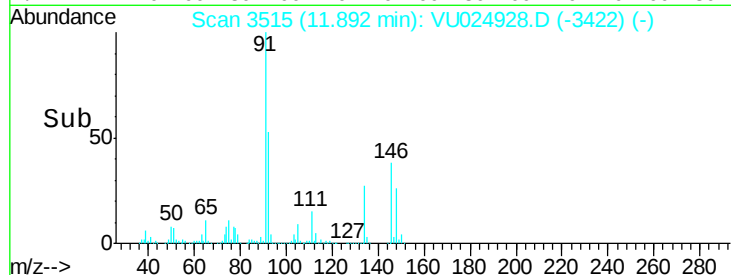
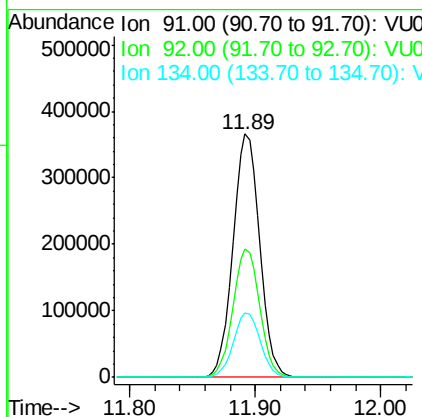
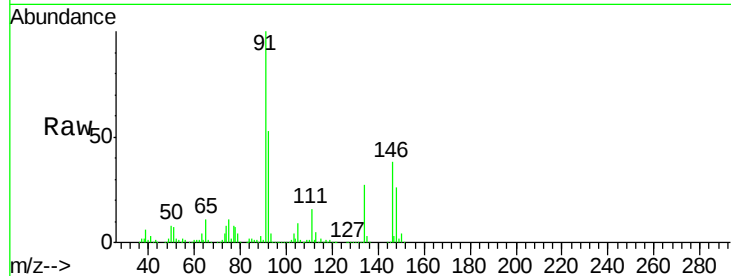
#89  
n-Butylbenzene  
Concen: 51.13 ug/l  
RT: 11.89 min Scan# 3515  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 25.6  | 76.8  |
| 134     | 26.8  | 12.3  | 36.8  |

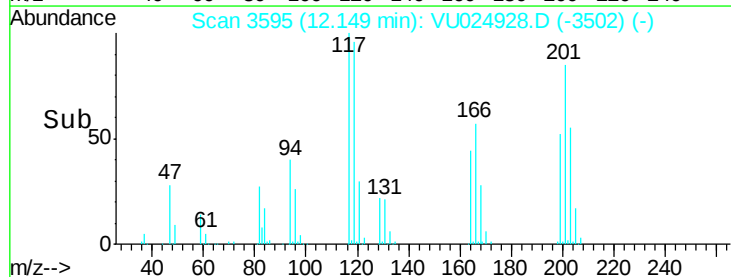
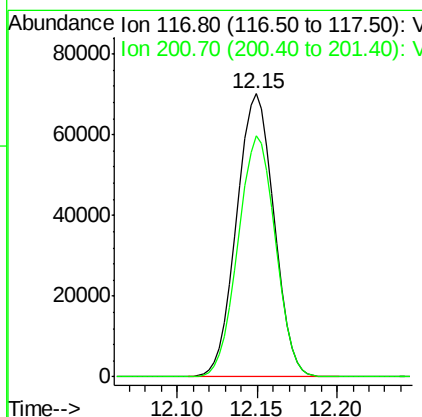
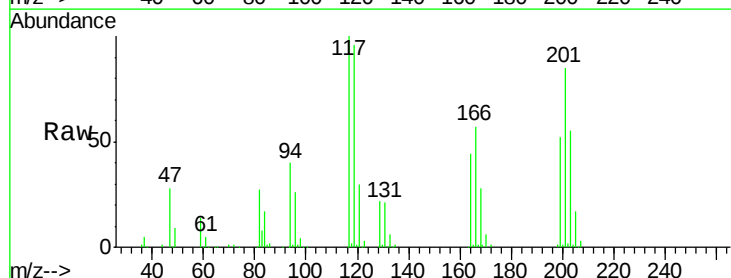
Manual Integrations  
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#90  
Hexachloroethane  
Concen: 48.26 ug/l  
RT: 12.15 min Scan# 3595  
Delta R.T. 0.00 min  
Lab File: VU024928.D  
Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.0  | 41.1  | 123.3 |





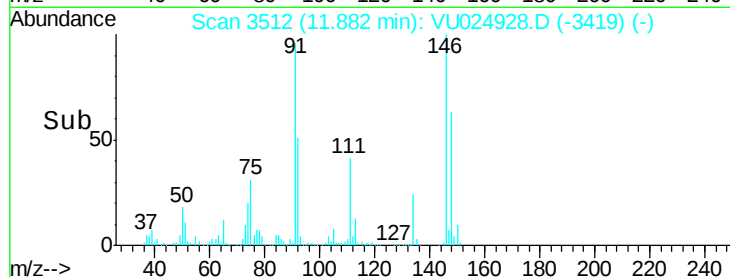
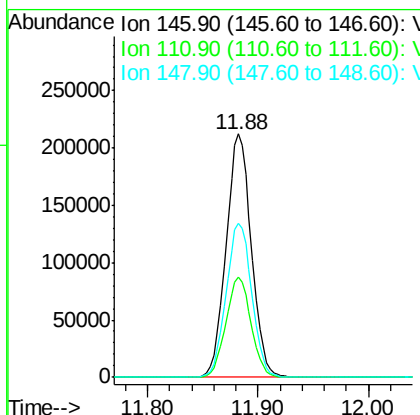
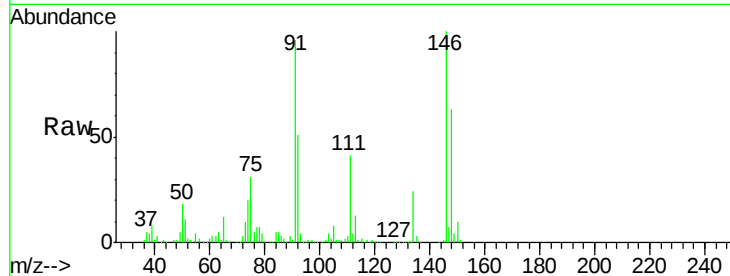
#91  
 1,2-Dichlorobenzene  
 Concen: 56.27 ug/l  
 RT: 11.88 min Scan# 3512  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 335171 |       |       |
| 111     | 41.2  | 20.5   | 61.6  |       |
| 148     | 64.4  | 31.9   | 95.7  |       |

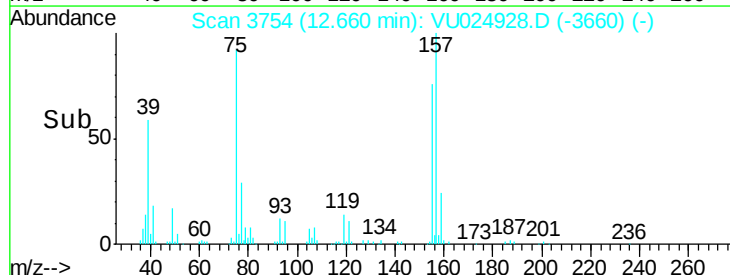
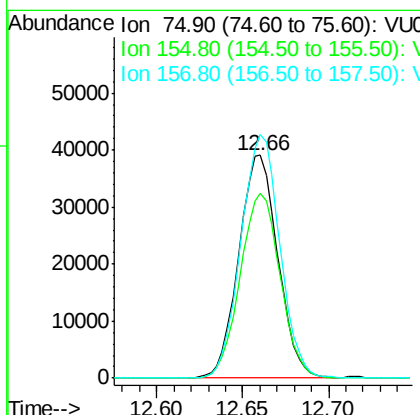
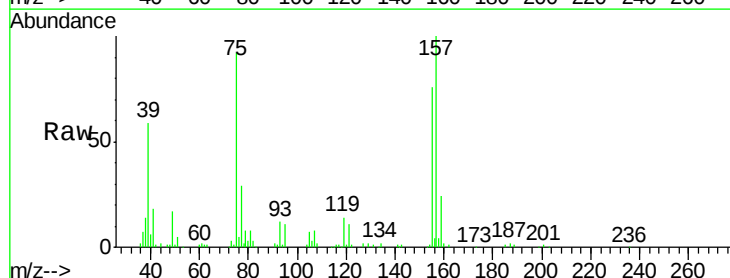
Manual Integrations  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.46 ug/l  
 RT: 12.66 min Scan# 3754  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 61672 |       |       |
| 155     | 84.3  | 40.4  | 121.2 |       |
| 157     | 108.7 | 52.3  | 156.8 |       |





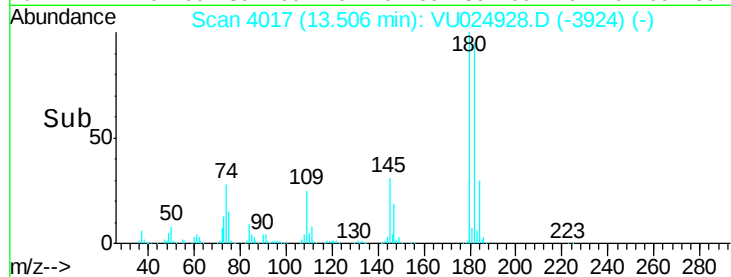
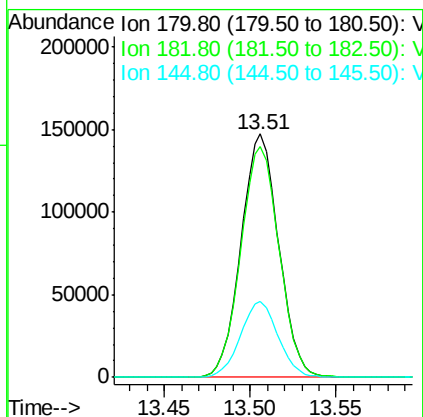
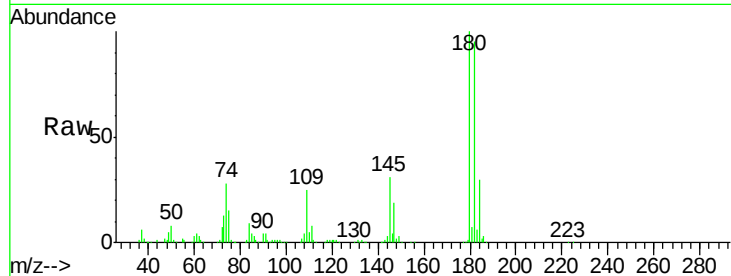
#93  
 1,2,4-Trichlorobenzene  
 Concen: 60.94 ug/l  
 RT: 13.51 min Scan# 4017  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 224166 |       |       |
| 182     | 97.1  | 48.0   | 144.2 |       |
| 145     | 31.4  | 14.7   | 44.1  |       |

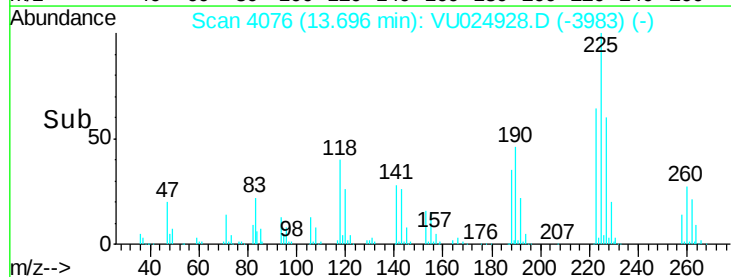
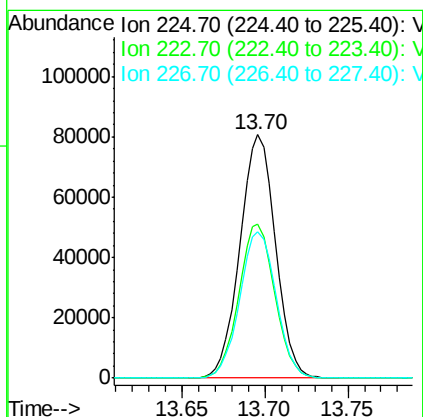
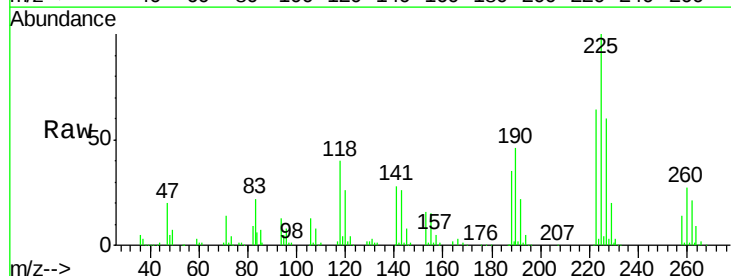
Manual Integrations  
 APPROVED

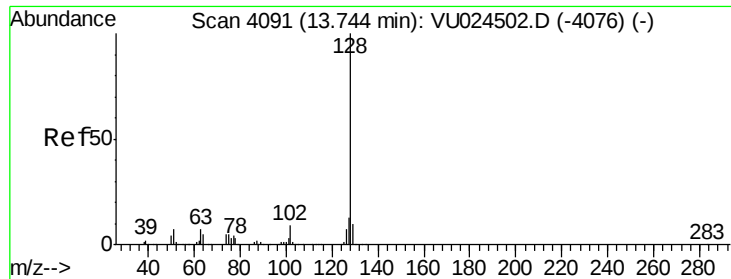
apatel  
 6/28/2018 4:38:07 PM



#94  
 Hexachlorobutadiene  
 Concen: 58.09 ug/l  
 RT: 13.70 min Scan# 4076  
 Delta R.T. 0.00 min  
 Lab File: VU024928.D  
 Acq: 26 Jun 2018 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 120260 |       |       |
| 223     | 63.8  | 31.3   | 93.8  |       |
| 227     | 61.5  | 31.8   | 95.4  |       |





#95

Naphthalene

Concen: 57.03 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA\_U

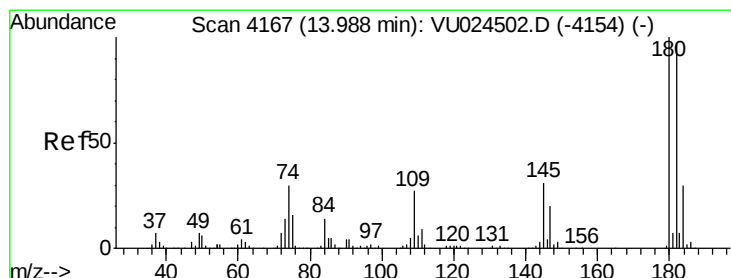
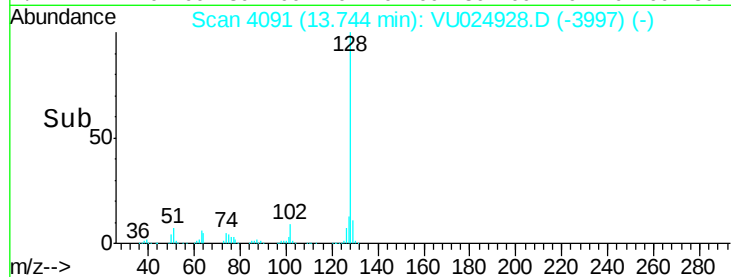
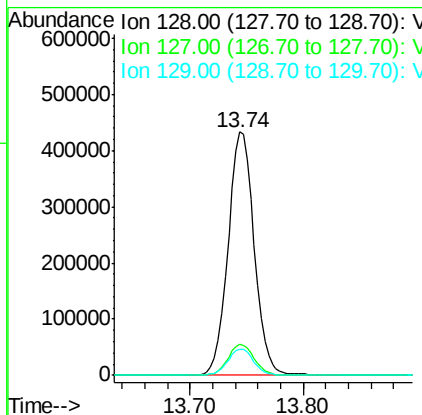
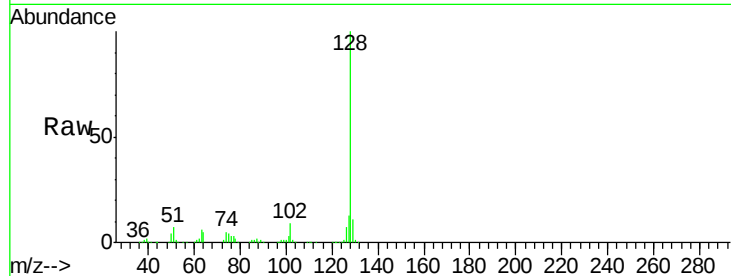
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 695658 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.6  | 16.0   |
| 129       | 10.7  | 8.6   | 12.8   |

Manual Integrations  
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 62.45 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 228886 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.0  | 47.9  | 143.7  |
| 145       | 31.9  | 15.4  | 46.1   |

