

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU061318\  
 Data File : VU024526.D  
 Acq On : 13 Jun 2018 22:54  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 14 02:22:19 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  | 183759   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 288991   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 276895   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 164225   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65  | 140362   | 46.79 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.58%  |      |
| 35) Dibromofluoromethane    | 4.89   | 113 | 119192   | 49.70 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.40%  |      |
| 50) Toluene-d8              | 7.57   | 98  | 438027   | 50.07 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.14% |      |
| 62) 4-Bromofluorobenzene    | 10.31  | 95  | 170604   | 49.12 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.24%  |      |

| Target Compounds              |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85  | 106212  | 46.18  | ug/l | 100    |
| 3) Chloromethane              | 1.33 | 50  | 114388  | 48.68  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 117848  | 48.63  | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 60917   | 52.00  | ug/l | 97     |
| 6) Chloroethane               | 1.70 | 64  | 71798   | 53.09  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.89 | 101 | 176270  | 47.66  | ug/l | 98     |
| 8) Diethyl Ether              | 2.10 | 74  | 64450   | 51.26  | ug/l | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 105263  | 45.88  | ug/l | 97     |
| 10) Methyl Iodide             | 2.41 | 142 | 110218  | 56.05  | ug/l | 97     |
| 11) Tert butyl alcohol        | 2.82 | 59  | 143502  | 196.68 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 98684   | 47.16  | ug/l | 93     |
| 13) Acrolein                  | 2.19 | 56  | 87535   | 228.47 | ug/l | 100    |
| 14) Allyl chloride            | 2.60 | 41  | 173854  | 44.75  | ug/l | 95     |
| 15) Acrylonitrile             | 2.94 | 53  | 342006  | 240.93 | ug/l | 98     |
| 16) Acetone                   | 2.32 | 43  | 286738  | 177.89 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.48 | 76  | 313405  | 46.78  | ug/l | 99     |
| 18) Methyl Acetate            | 2.62 | 43  | 150671  | 43.60  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73  | 368307  | 46.83  | ug/l | 97     |
| 20) Methylene Chloride        | 2.71 | 84  | 114523  | 45.28  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 2.99 | 96  | 110877  | 48.11  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.57 | 45  | 371372  | 48.22  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.53 | 43  | 1584155 | 229.63 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.45 | 63  | 209961  | 47.39  | ug/l | 99     |
| 25) 2-Butanone                | 4.26 | 43  | 481036  | 222.18 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.23 | 77  | 160377  | 38.12  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96  | 126593  | 47.78  | ug/l | 97     |
| 28) Bromochloromethane        | 4.55 | 49  | 99247   | 50.86  | ug/l | 90     |
| 29) Tetrahydrofuran           | 4.63 | 42  | 313913  | 234.13 | ug/l | 97     |
| 30) Chloroform                | 4.68 | 83  | 212465  | 47.38  | ug/l | 98     |
| 31) Cyclohexane               | 5.00 | 56  | 198446  | 50.46  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97  | 193592  | 46.69  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 5.14 | 75  | 159544  | 46.98  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.38 | 43  | 176340  | 47.64  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.14 | 117 | 177372  | 47.50  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 14 02:22:19 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   | 199126   | 46.99  | ug/l  | 97       |
| 40) Benzene                    | 5.39  | 78   | 465953   | 48.15  | ug/l  | 100      |
| 41) Methacrylonitrile          | 4.54  | 41   | 101163   | 50.69  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 5.41  | 62   | 174823   | 47.44  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 297400   | 46.48  | ug/l  | 98       |
| 44) Trichloroethene            | 6.19  | 130  | 128692   | 46.73  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 6.44  | 63   | 127474   | 49.37  | ug/l  | 98       |
| 46) Dibromomethane             | 6.56  | 93   | 89126    | 49.14  | ug/l  | 96       |
| 47) Bromodichloromethane       | 6.76  | 83   | 172882   | 47.87  | ug/l  | 98       |
| 48) Methyl methacrylate        | 6.63  | 41   | 151764   | 48.72  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 6.61  | 88   | 46908    | 769.94 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 971083   | 241.60 | ug/l  | 99       |
| 52) Toluene                    | 7.64  | 92   | 295239   | 47.42  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 193522   | 47.72  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 202813   | 46.93  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 122679   | 48.48  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 206920   | 48.85  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 8.25  | 76   | 207506   | 48.61  | ug/l  | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 756949   | 230.67 | ug/l  | 99       |
| 60) Dibromochloromethane       | 8.48  | 129  | 149322   | 47.32  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 134315   | 47.69  | ug/l  | 98       |
| 64) Tetrachloroethene          | 8.23  | 164  | 107532   | 40.86  | ug/l  | 97       |
| 65) Chlorobenzene              | 9.12  | 112  | 341140   | 48.23  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 127686   | 47.51  | ug/l  | 98       |
| 67) Ethyl Benzene              | 9.25  | 91   | 583742   | 47.07  | ug/l  | 98       |
| 68) m/p-Xylenes                | 9.38  | 106  | 452379   | 95.00  | ug/l  | 98       |
| 69) o-Xylene                   | 9.78  | 106  | 223782   | 47.49  | ug/l  | 96       |
| 70) Styrene                    | 9.80  | 104  | 368867   | 47.63  | ug/l  | 99       |
| 71) Bromoform                  | 9.96  | 173  | 121222   | 47.46  | ug/l  | # 99     |
| 73) Isopropylbenzene           | 10.17 | 105  | 593361   | 47.06  | ug/l  | 98       |
| 74) N-amyl acetate             | 10.01 | 43   | 274284   | 45.74  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 205727   | 48.69  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 10.50 | 75   | 241287   | 66.73  | ug/l  | 82       |
| 77) Bromobenzene               | 10.45 | 156  | 151185   | 47.36  | ug/l  | 97       |
| 78) n-propylbenzene            | 10.59 | 91   | 712952   | 48.00  | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 414475   | 47.32  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.78 | 105  | 511289   | 46.79  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.50 | 75   | 241287   | 154.45 | ug/l  | # 100    |
| 82) 4-Chlorotoluene            | 10.78 | 91   | 486104   | 47.68  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 510983   | 48.61  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 525814   | 47.21  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.33 | 105  | 633875   | 48.17  | ug/l  | 98       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 550434   | 46.71  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 282250   | 47.86  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 280651   | 47.28  | ug/l  | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 507779   | 48.53  | ug/l  | 97       |
| 90) Hexachloroethane           | 12.15 | 117  | 110326   | 47.99  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 276652   | 46.84  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 55002    | 47.18  | ug/l  | 94       |
| 93) 1,2,4-Trichlorobenzene     | 13.51 | 180  | 197874   | 54.25  | ug/l  | 99       |

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Data File : VU024526.D  
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Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 14 02:22:19 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) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 94) Hexachlorobutadiene    | 13.70 | 225  | 96596    | 47.05 | ug/l  | 100      |
| 95) Naphthalene            | 13.75 | 128  | 600287   | 49.72 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 195939   | 53.91 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

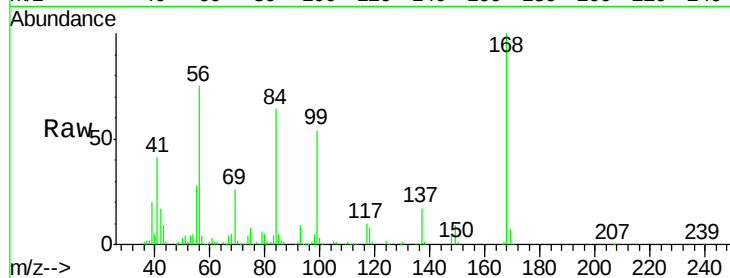
VSTDCCC050

Tgt Ion:168 Resp: 183759

Ion Ratio Lower Upper

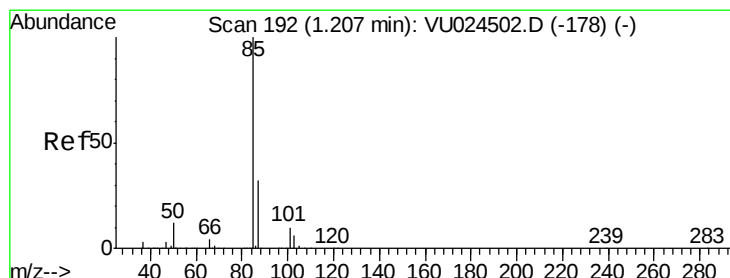
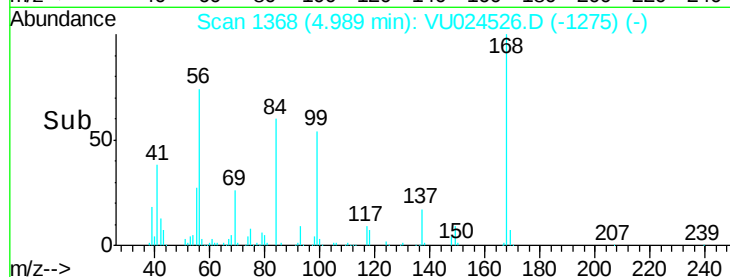
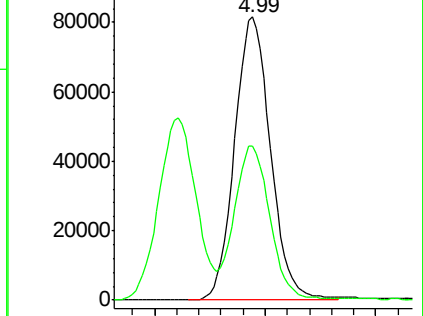
168 100

99 53.7 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 46.18 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024526.D

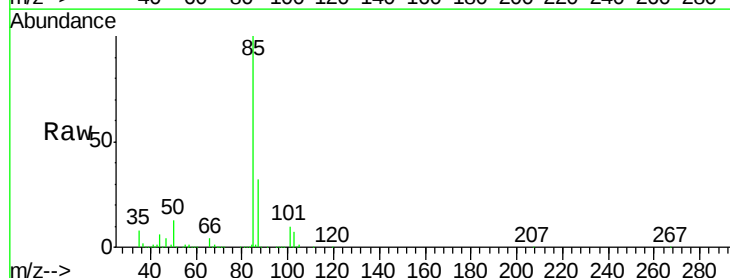
Acq: 13 Jun 2018 22:54

Tgt Ion: 85 Resp: 106212

Ion Ratio Lower Upper

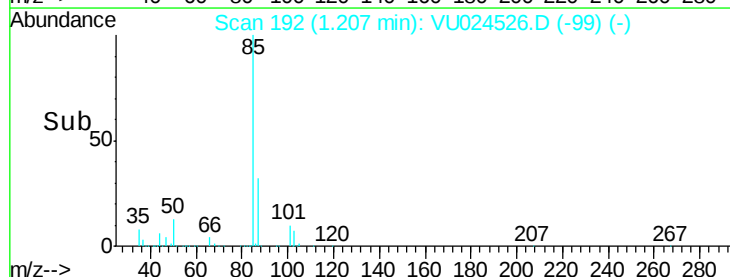
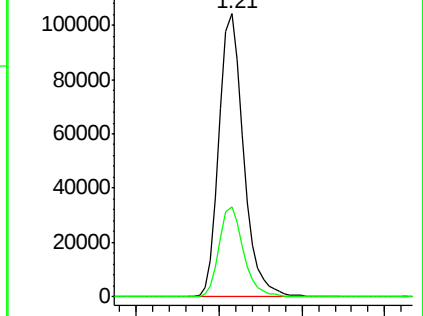
85 100

87 32.0 16.1 48.2



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

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





#3

Chloromethane

Concen: 48.68 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

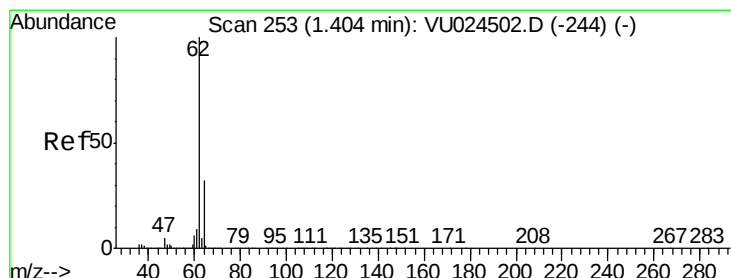
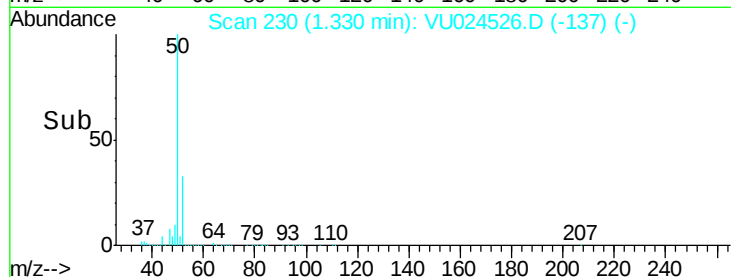
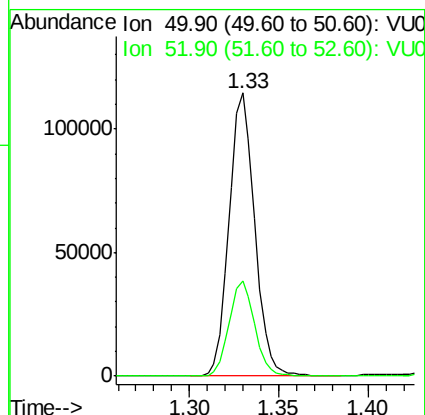
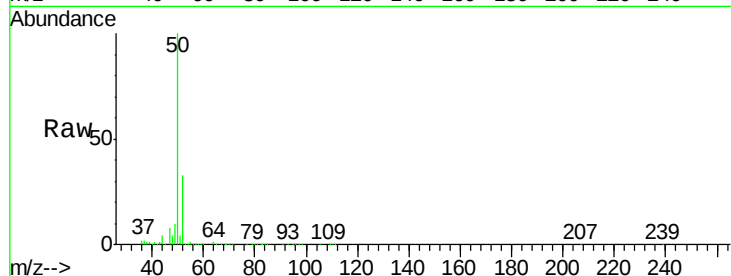
VSTDCCC050

Tgt Ion: 50 Resp: 114388

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



#4

Vinyl Chloride

Concen: 48.63 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024526.D

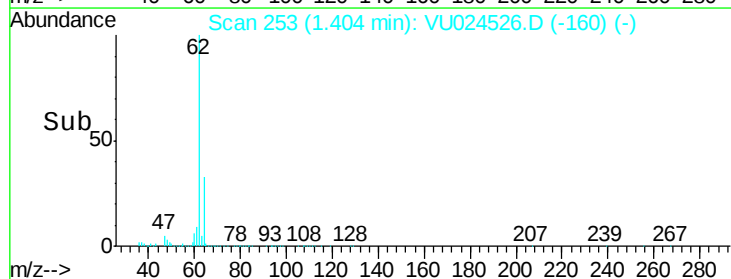
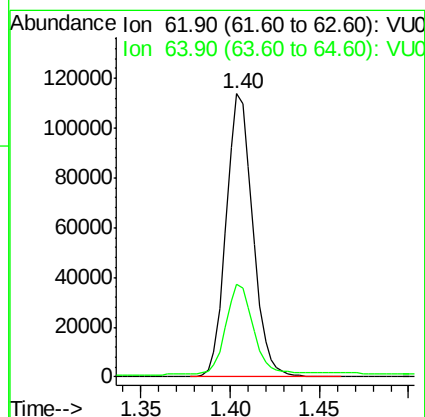
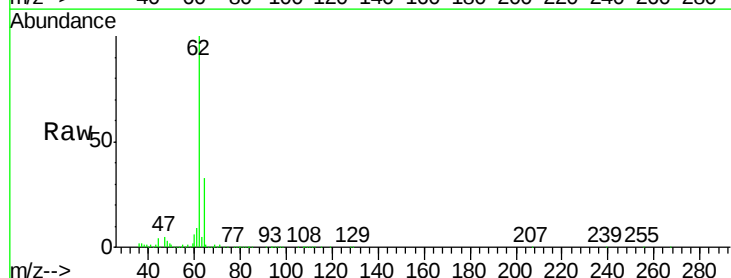
Acq: 13 Jun 2018 22:54

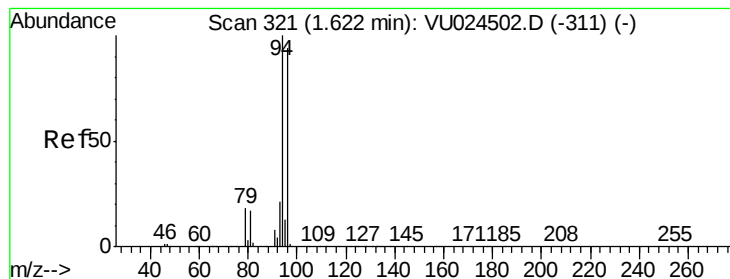
Tgt Ion: 62 Resp: 117848

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 52.00 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

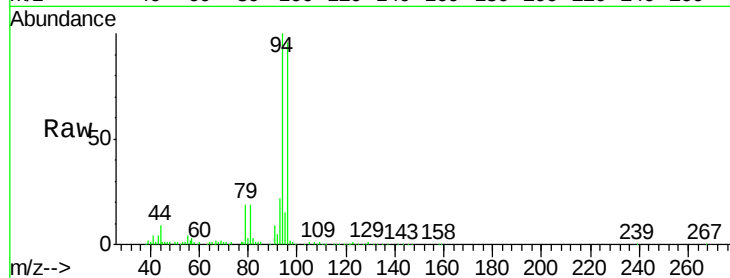
VSTDCCC050

Tgt Ion: 94 Resp: 60917

Ion Ratio Lower Upper

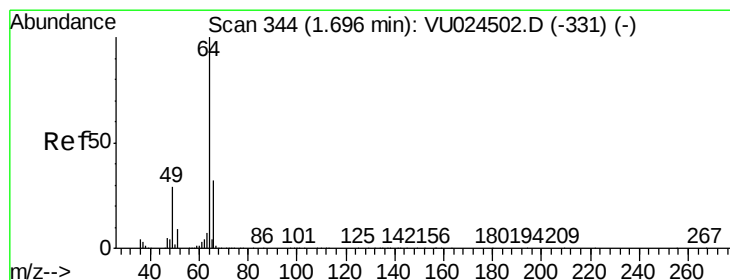
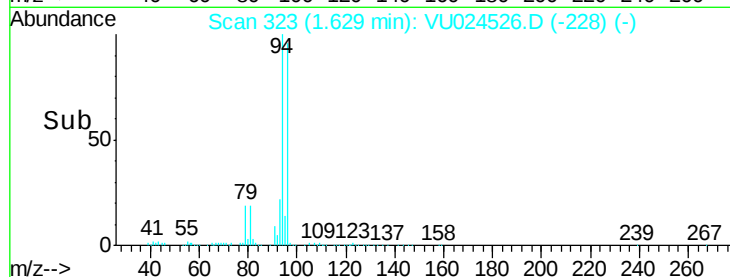
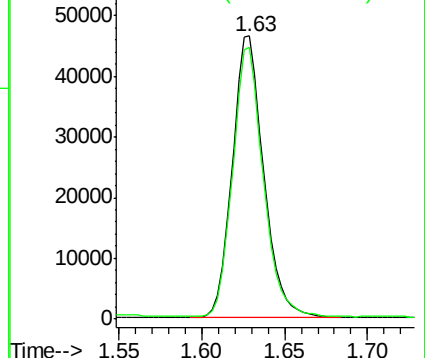
94 100

96 95.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 53.09 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024526.D

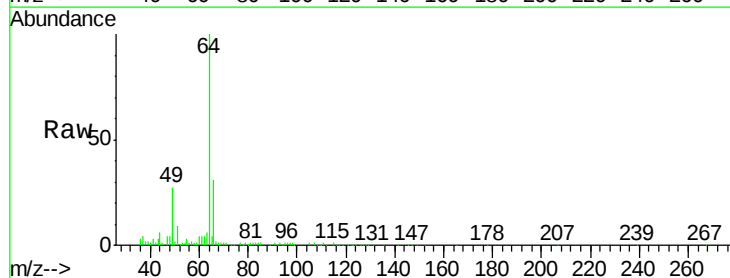
Acq: 13 Jun 2018 22:54

Tgt Ion: 64 Resp: 71798

Ion Ratio Lower Upper

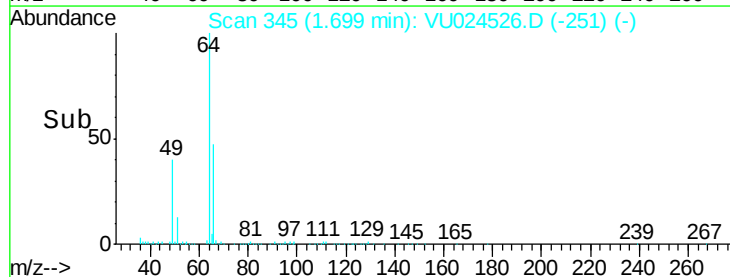
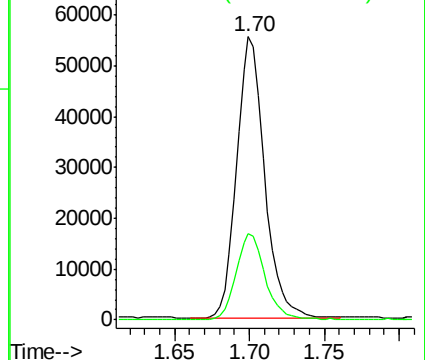
64 100

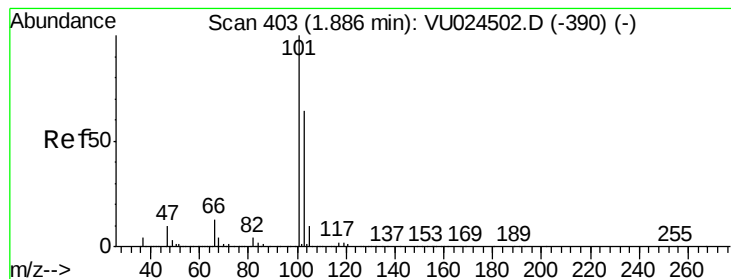
66 30.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 47.66 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

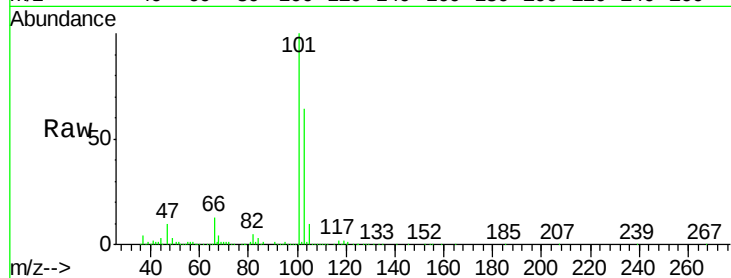
VSTDCCC050

Tgt Ion:101 Resp: 176270

Ion Ratio Lower Upper

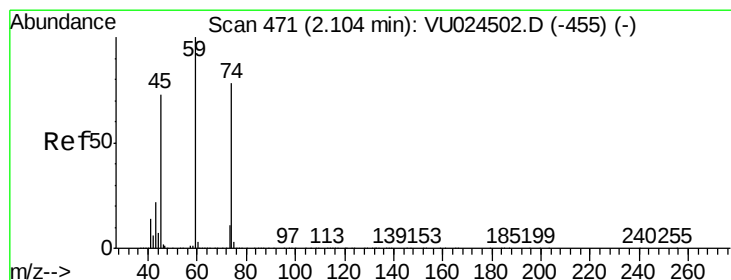
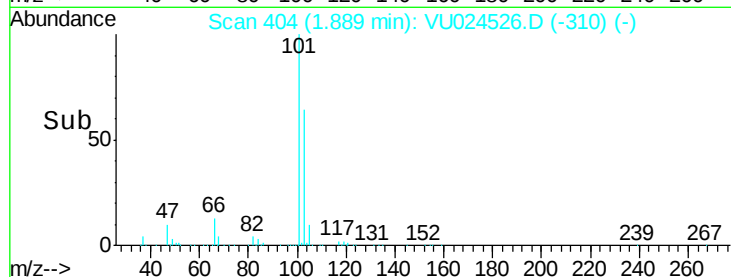
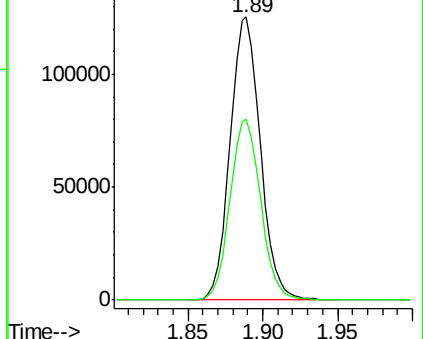
101 100

103 63.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.26 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024526.D

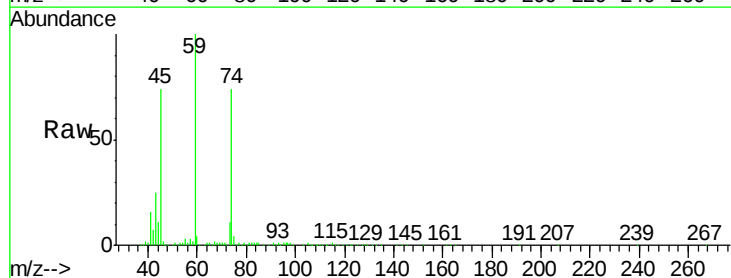
Acq: 13 Jun 2018 22:54

Tgt Ion: 74 Resp: 64450

Ion Ratio Lower Upper

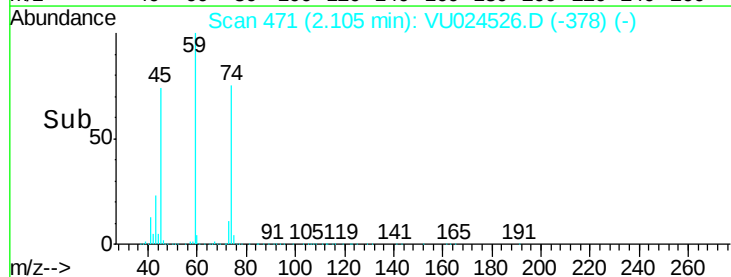
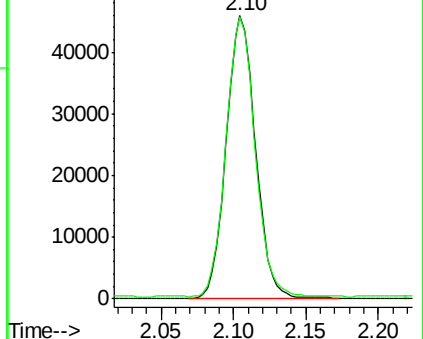
74 100

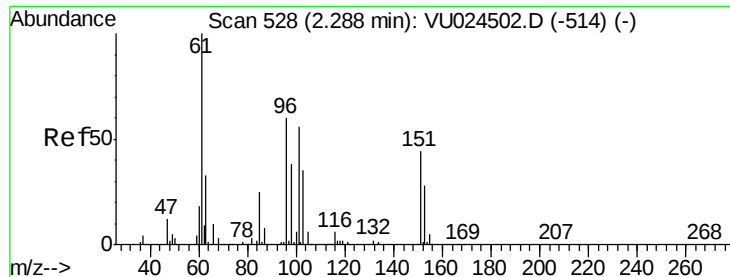
45 97.7 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.88 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

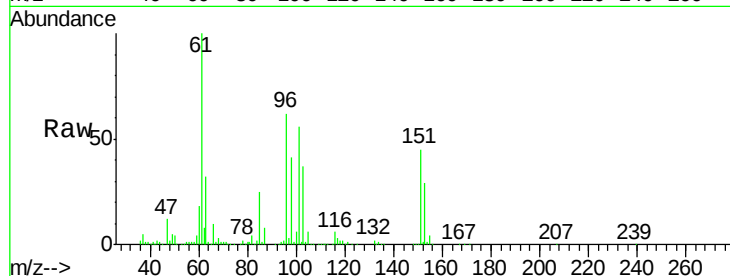
Tgt Ion:101 Resp: 105263

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

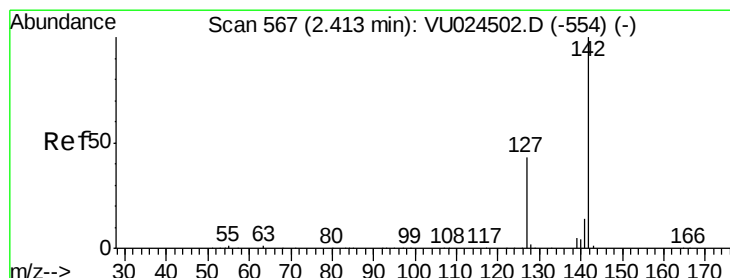
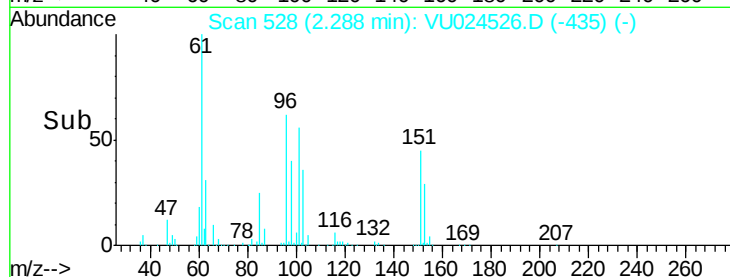
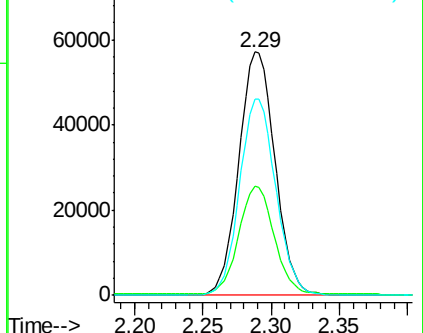
151 80.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.05 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

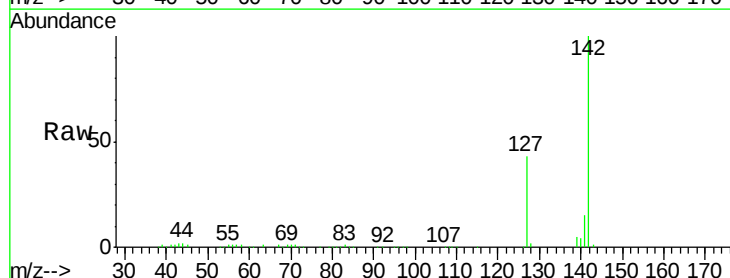
Tgt Ion:142 Resp: 110218

Ion Ratio Lower Upper

142 100

127 41.7 35.6 53.4

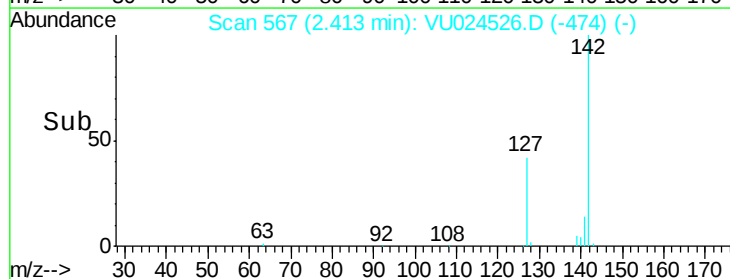
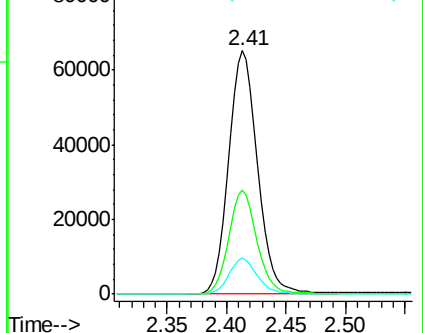
141 14.5 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



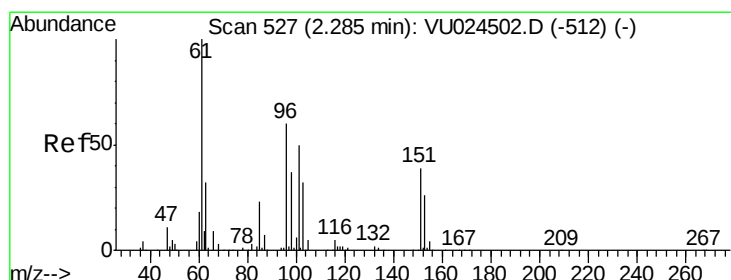
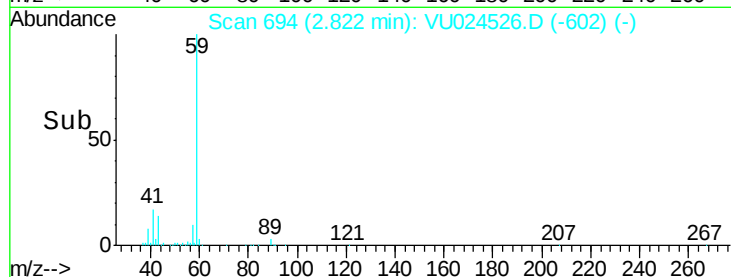
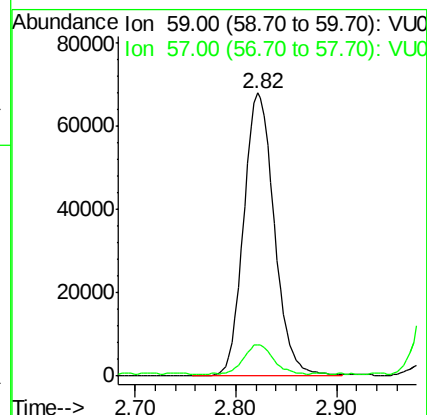
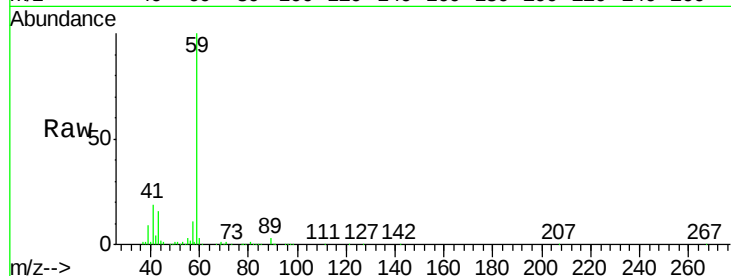


#11

Tert butyl alcohol  
 Concen: 196.68 ug/l  
 RT: 2.82 min Scan# 694  
 Delta R.T. -0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

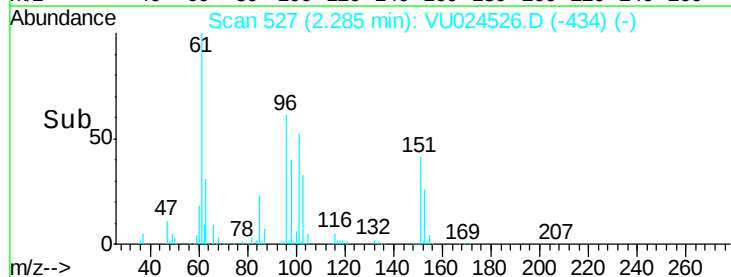
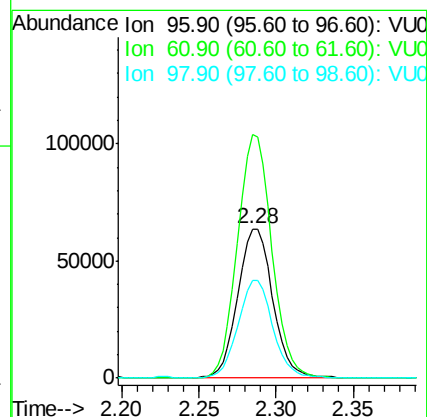
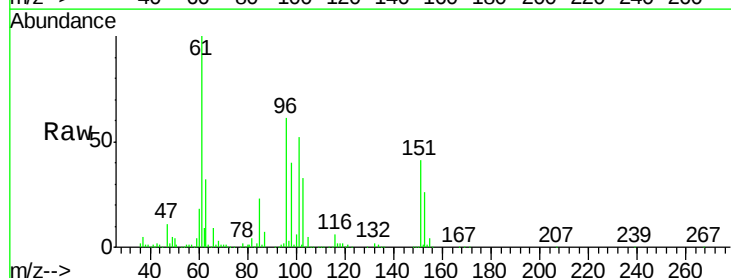
Tgt Ion: 59 Resp: 143502  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 8.5 12.7

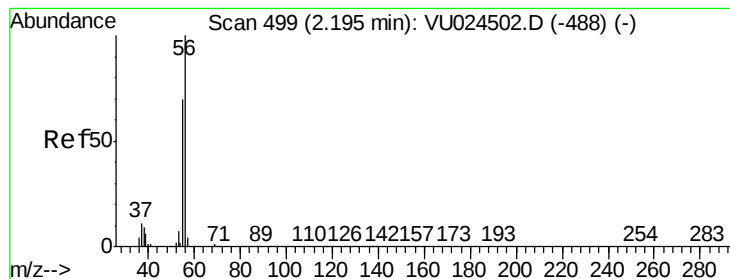


#12

1,1-Dichloroethene  
 Concen: 47.16 ug/l  
 RT: 2.28 min Scan# 527  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 96 Resp: 98684  
 Ion Ratio Lower Upper  
 96 100  
 61 164.1 141.7 212.5  
 98 65.2 51.6 77.4





#13

Acrolein

Concen: 228.47 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

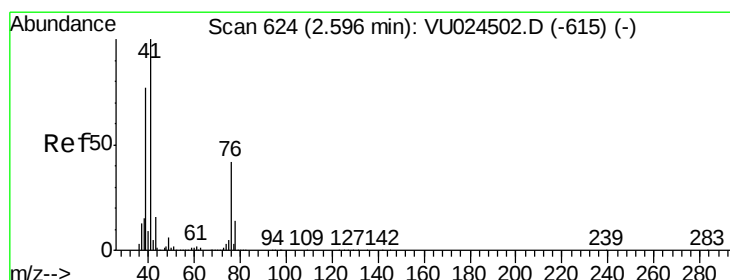
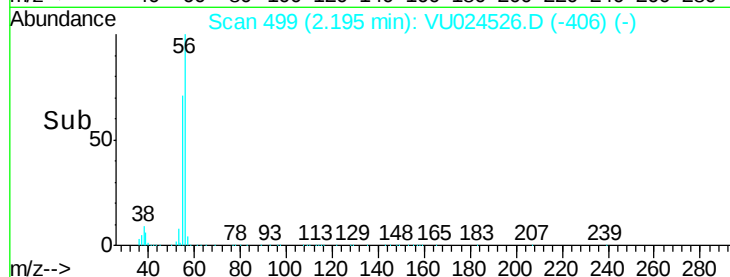
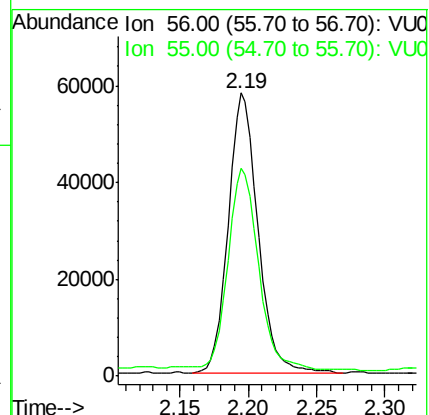
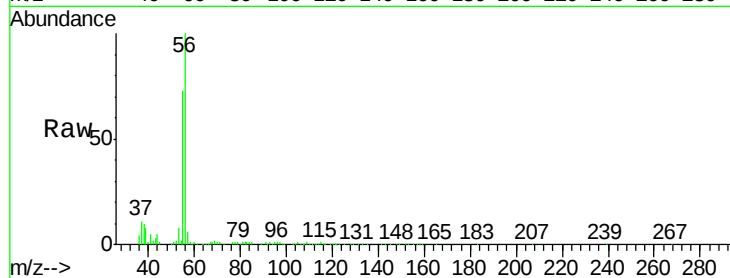
VSTDCCC050

Tgt Ion: 56 Resp: 87535

Ion Ratio Lower Upper

56 100

55 72.8 58.4 87.6



#14

Allyl chloride

Concen: 44.75 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

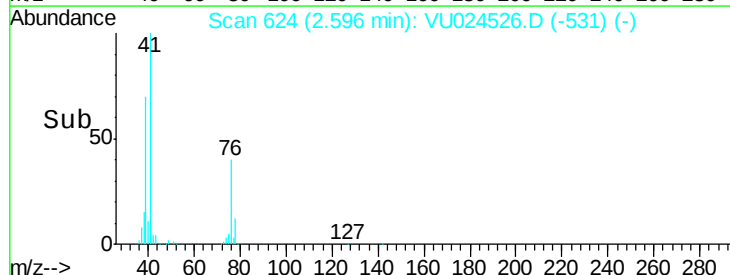
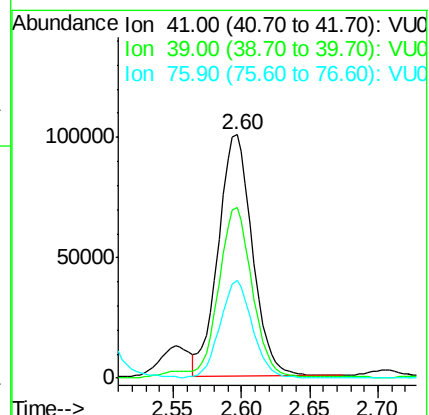
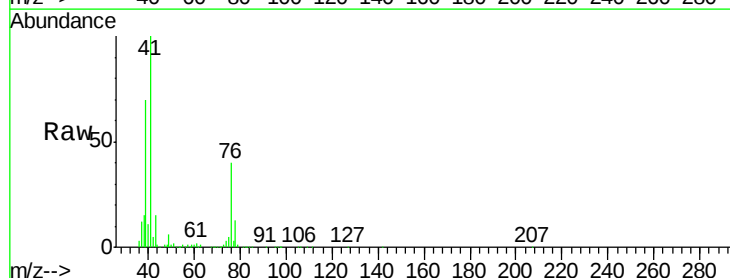
Tgt Ion: 41 Resp: 173854

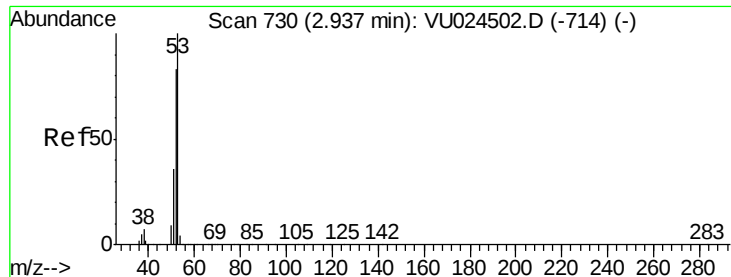
Ion Ratio Lower Upper

41 100

39 71.0 61.6 92.4

76 38.2 29.7 44.5





#15

Acrylonitrile

Concen: 240.93 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

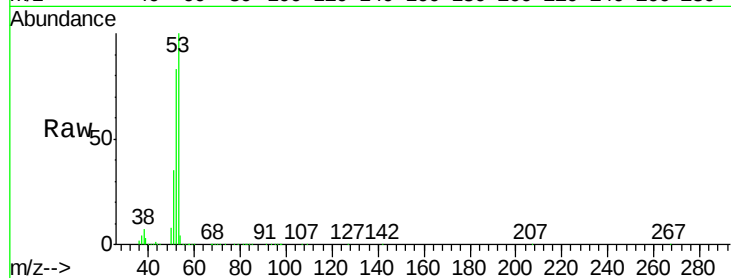
Tgt Ion: 53 Resp: 342006

Ion Ratio Lower Upper

53 100

52 82.0 67.1 100.7

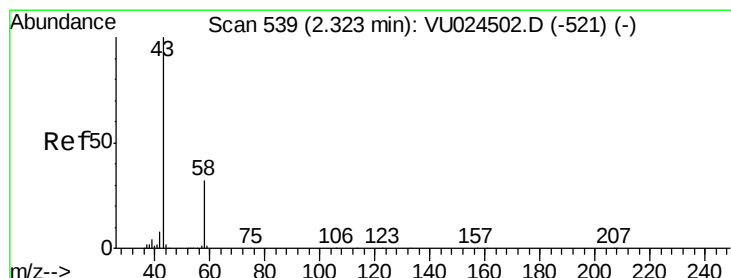
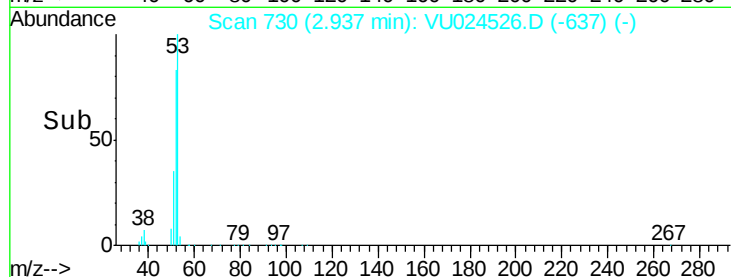
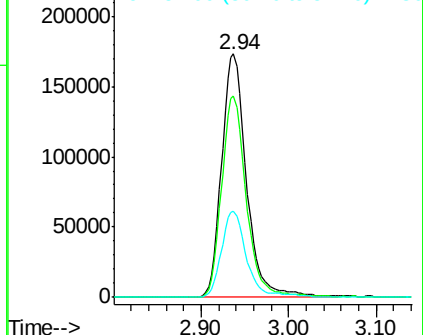
51 35.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 177.89 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024526.D

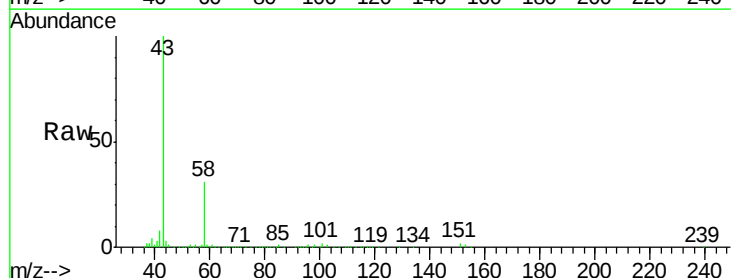
Acq: 13 Jun 2018 22:54

Tgt Ion: 43 Resp: 286738

Ion Ratio Lower Upper

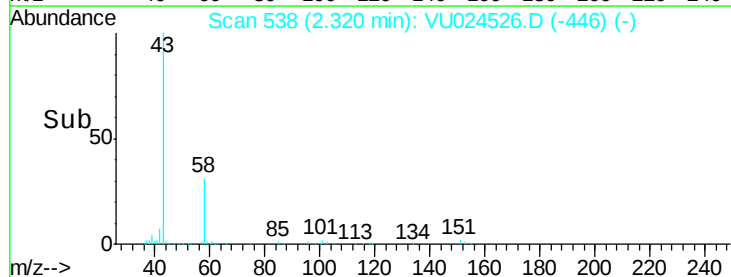
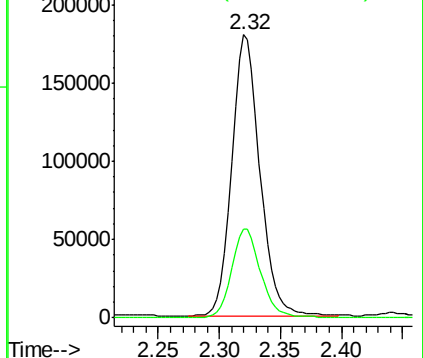
43 100

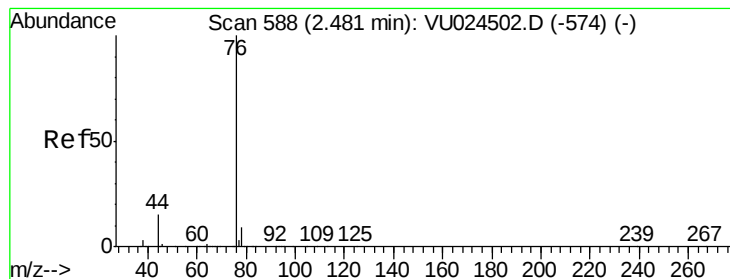
58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 46.78 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

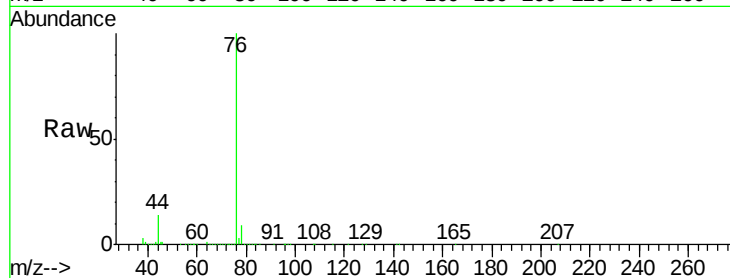
VSTDCCC050

Tgt Ion: 76 Resp: 313405

Ion Ratio Lower Upper

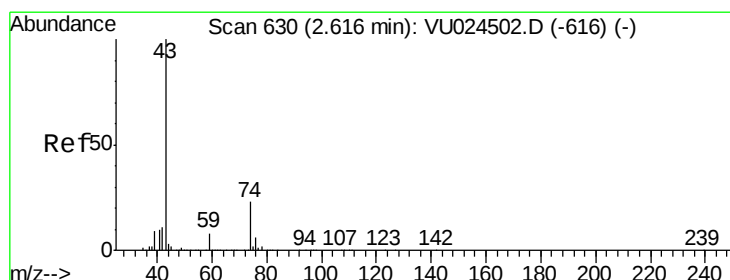
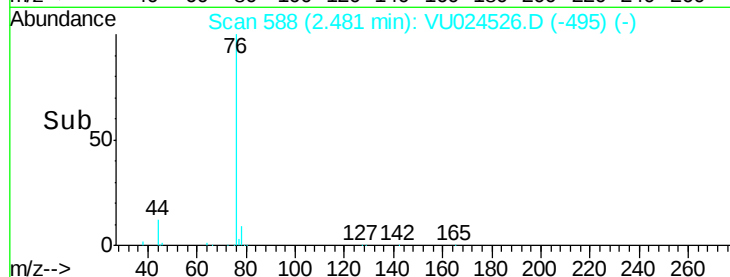
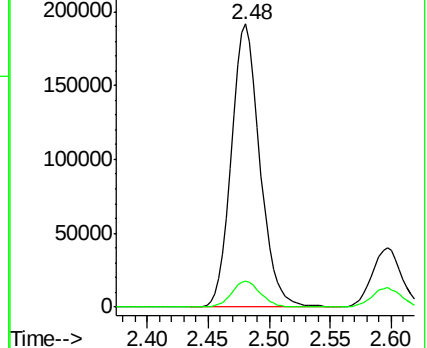
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 43.60 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024526.D

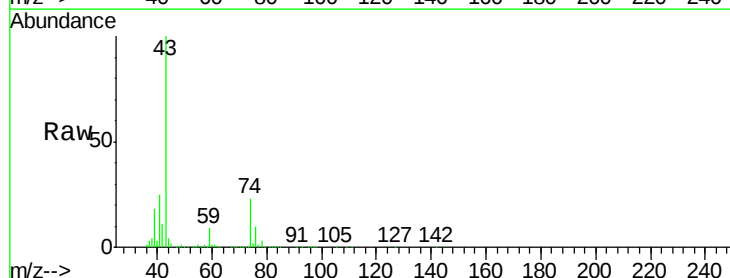
Acq: 13 Jun 2018 22:54

Tgt Ion: 43 Resp: 150671

Ion Ratio Lower Upper

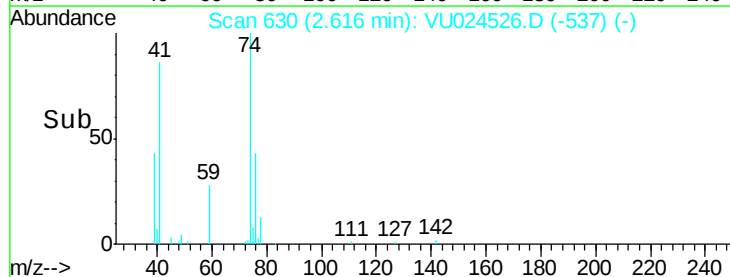
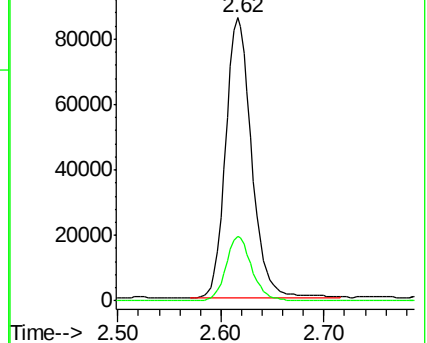
43 100

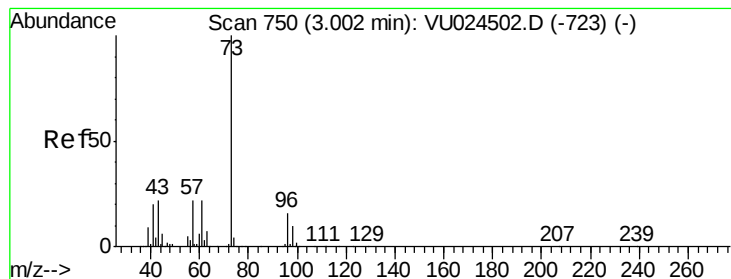
74 23.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 46.83 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

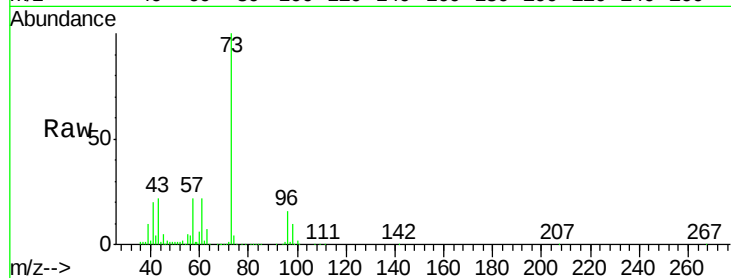
VSTDCCC050

Tgt Ion: 73 Resp: 368307

Ion Ratio Lower Upper

73 100

57 21.9 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024526.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU024526.D (-657) (-)

3.00

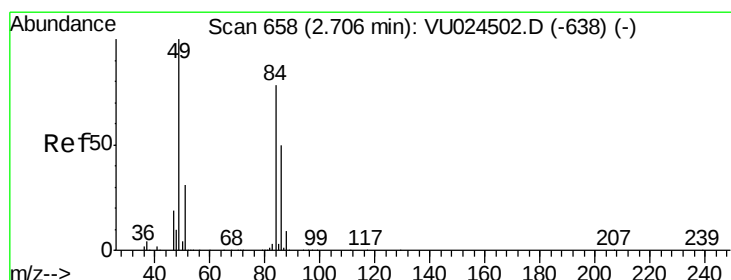
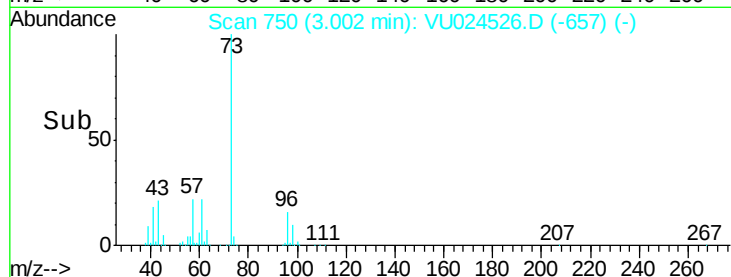
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 45.28 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Tgt Ion: 84 Resp: 114523

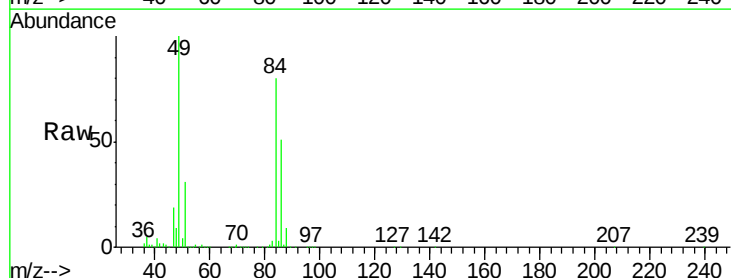
Ion Ratio Lower Upper

84 100

49 124.7 103.8 155.8

51 38.3 32.0 48.0

86 64.1 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024526.D (-565) (-)

Ion 48.90 (48.60 to 49.60): VU024526.D (-565) (-)

Ion 50.90 (50.60 to 51.60): VU024526.D (-565) (-)

Ion 85.90 (85.60 to 86.60): VU024526.D (-565) (-)

2.71

120000

100000

80000

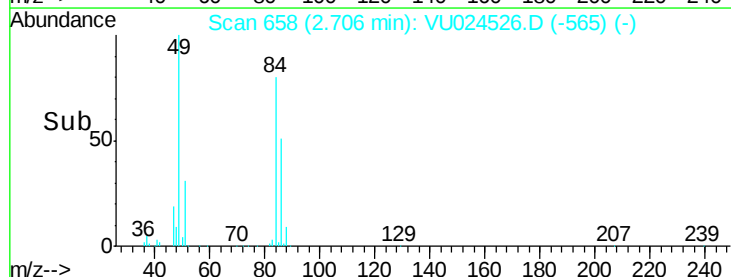
60000

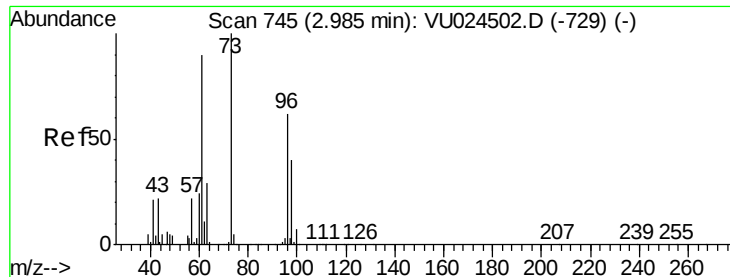
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.11 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

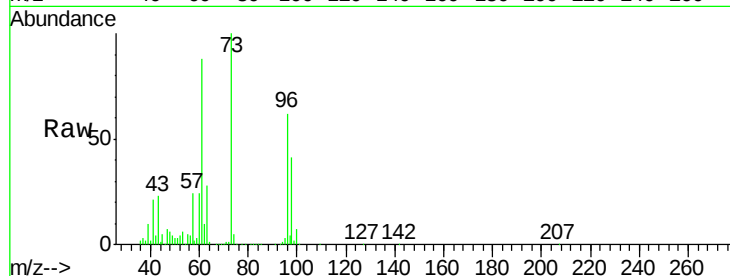
Tgt Ion: 96 Resp: 110877

Ion Ratio Lower Upper

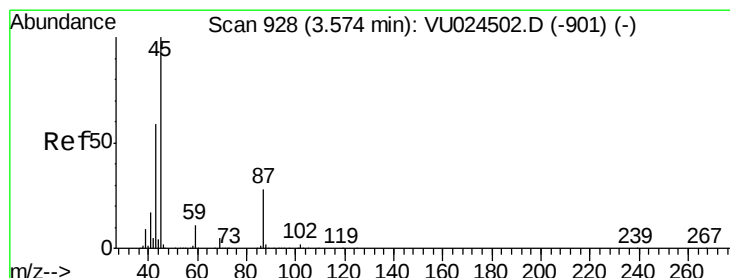
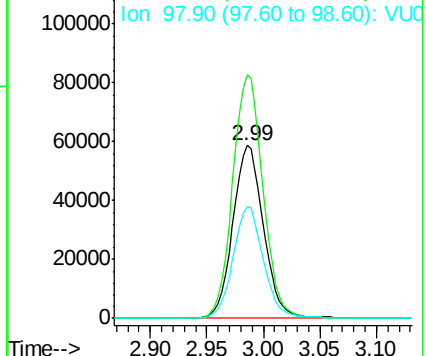
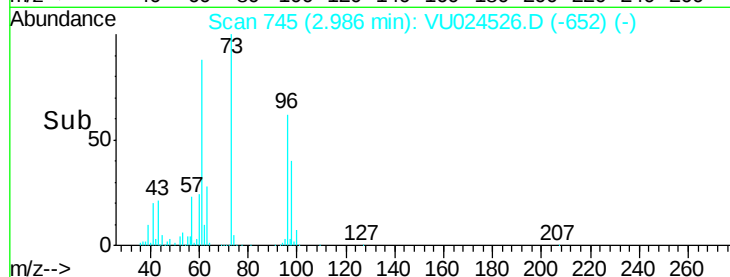
96 100

61 140.9 119.4 179.0

98 64.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024526.D (-652) (-)



#22

Diisopropyl ether

Concen: 48.22 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Tgt Ion: 45 Resp: 371372

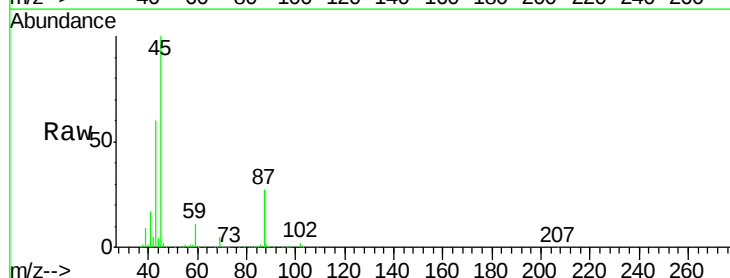
Ion Ratio Lower Upper

45 100

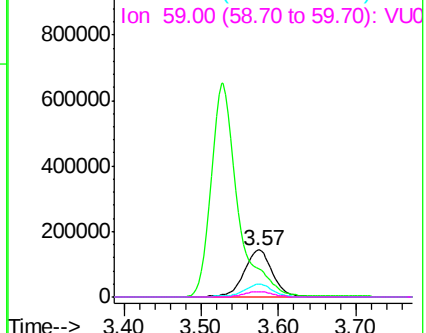
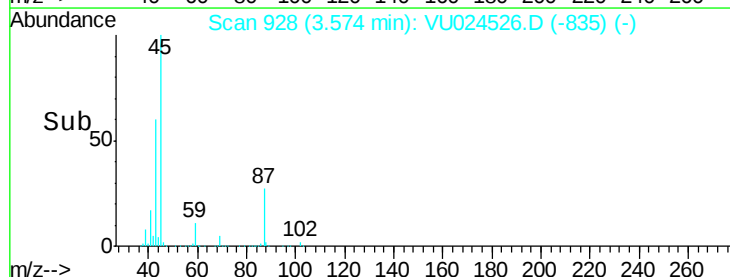
43 58.5 45.8 68.6

87 27.2 20.6 31.0

59 11.2 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU024526.D (-835) (-)





#23

Vinyl Acetate

Concen: 229.63 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

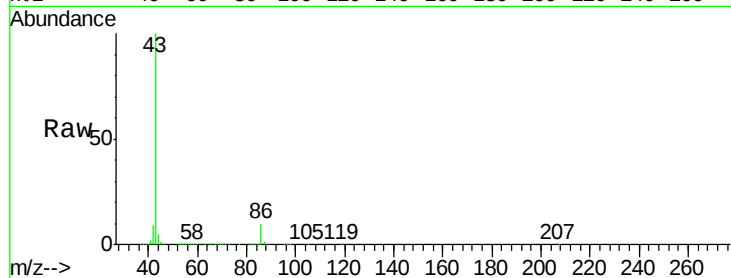
VSTDCCC050

Tgt Ion: 43 Resp: 1584155

Ion Ratio Lower Upper

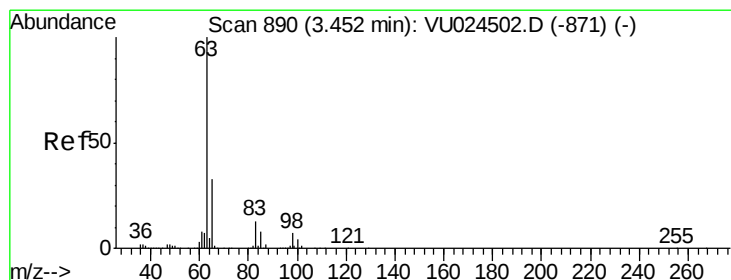
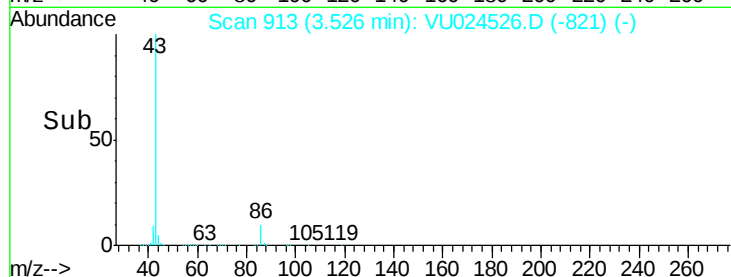
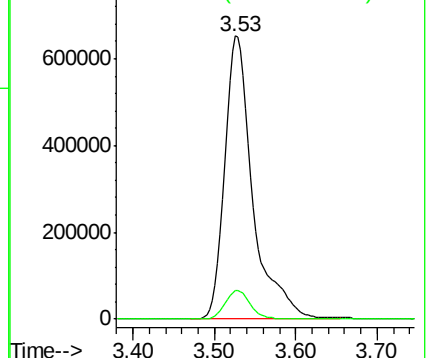
43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 47.39 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

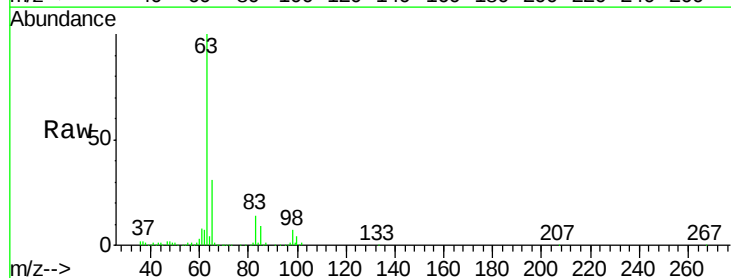
Tgt Ion: 63 Resp: 209961

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

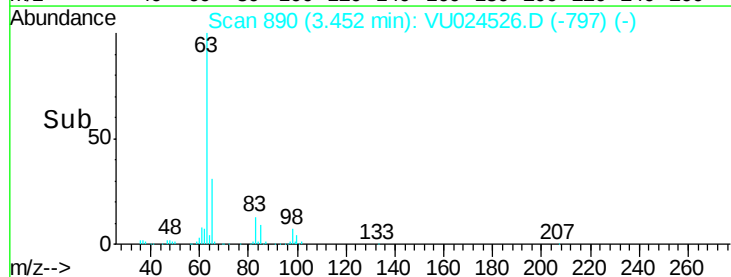
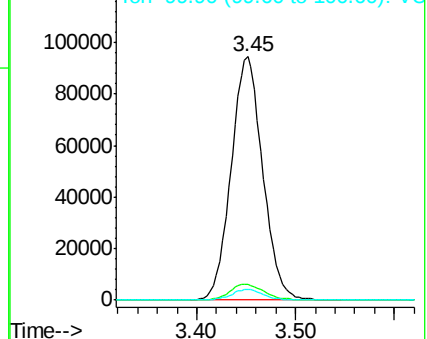
100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

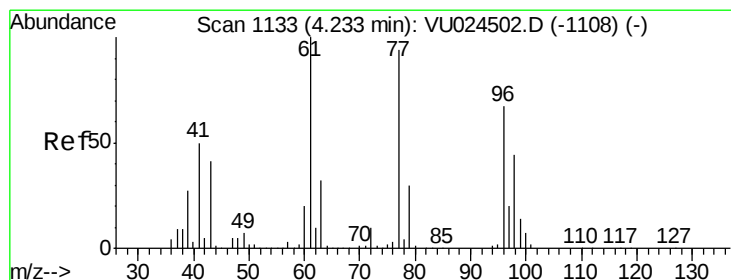
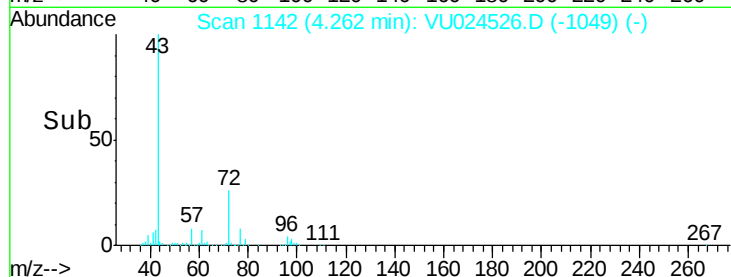
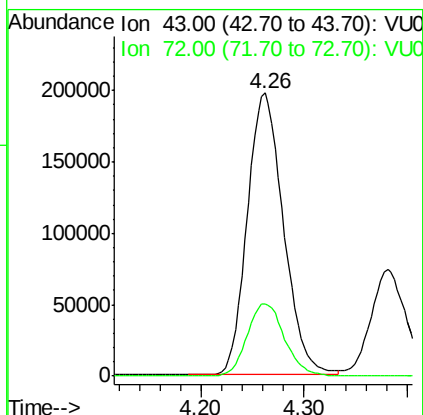
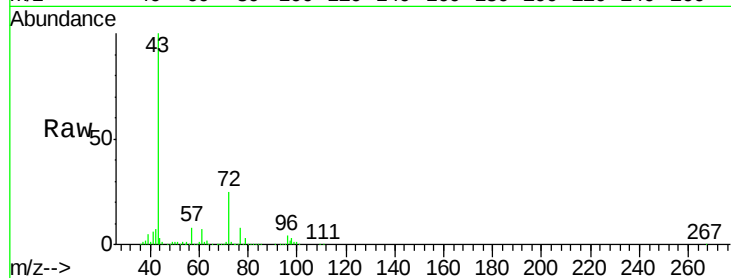




#25  
2-Butanone  
Concen: 222.18 ug/l  
RT: 4.26 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

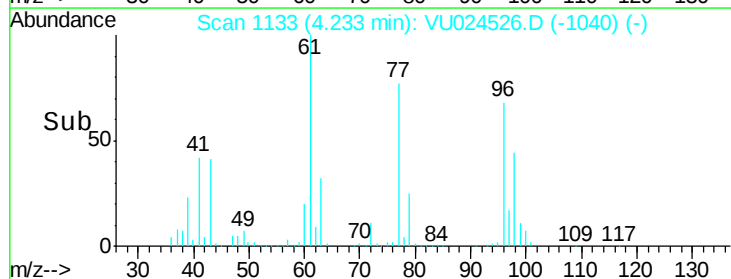
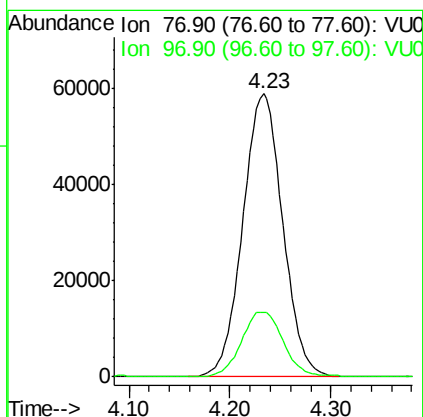
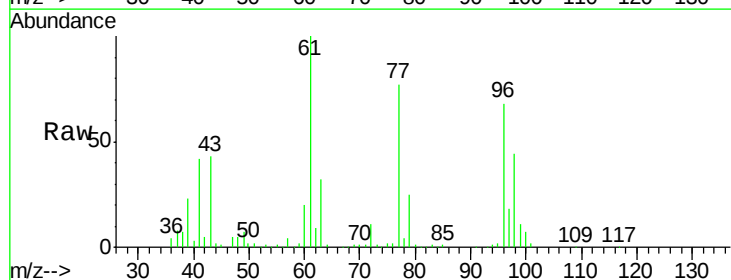
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

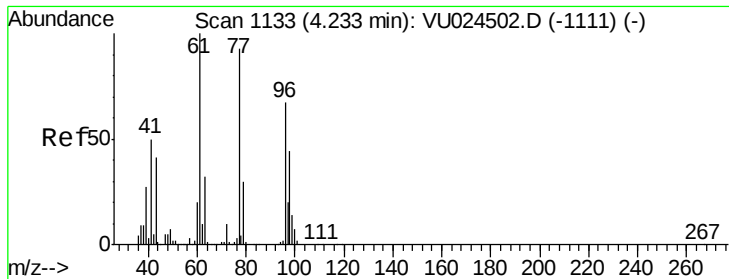
Tgt Ion: 43 Resp: 481036  
Ion Ratio Lower Upper  
43 100  
72 25.6 19.6 29.4



#26  
2,2-Dichloropropane  
Concen: 38.12 ug/l  
RT: 4.23 min Scan# 1133  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion: 77 Resp: 160377  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.78 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

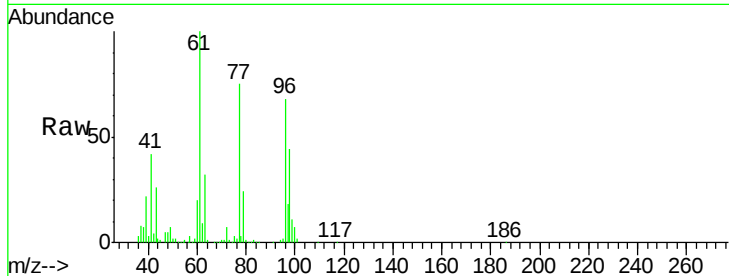
Tgt Ion: 96 Resp: 126593

Ion Ratio Lower Upper

96 100

61 147.9 0.0 306.6

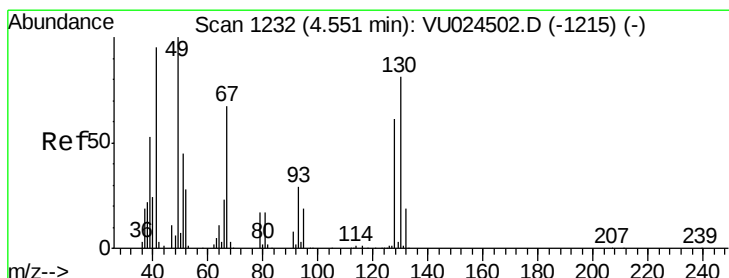
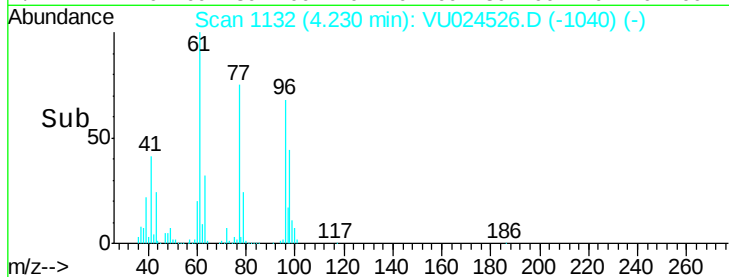
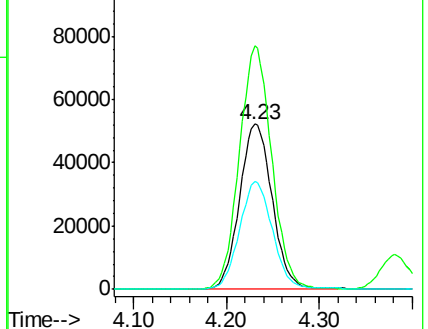
98 65.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024526.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024526.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024526.D (-1040) (-)



#28

Bromochloromethane

Concen: 50.86 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

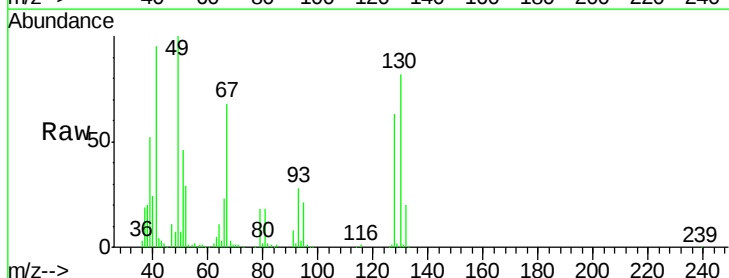
Tgt Ion: 49 Resp: 99247

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

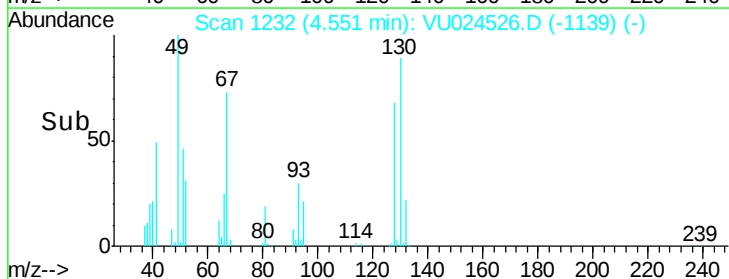
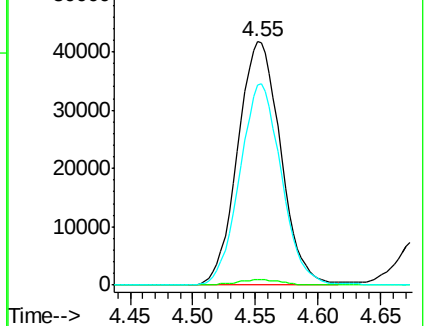
130 80.7 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU024526.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU024526.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU024526.D (-1139) (-)





#29

Tetrahydrofuran

Concen: 234.13 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

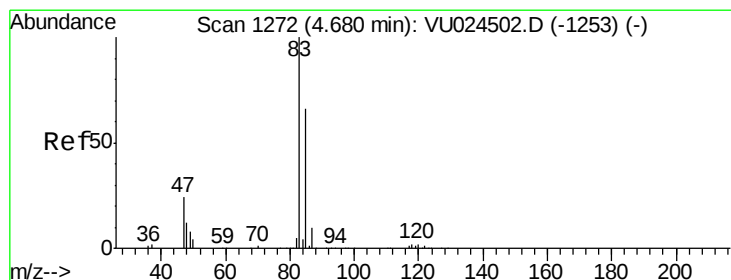
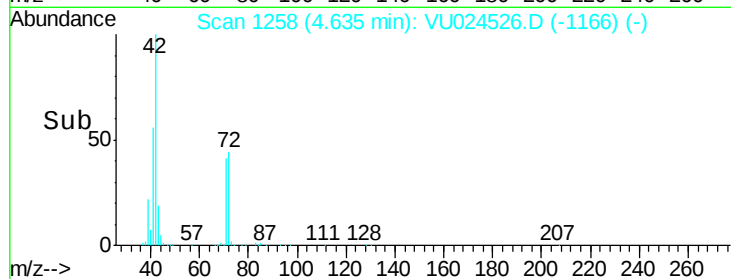
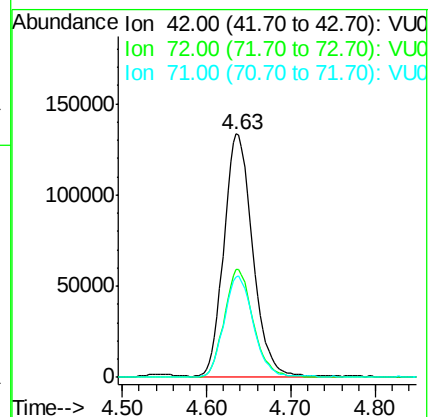
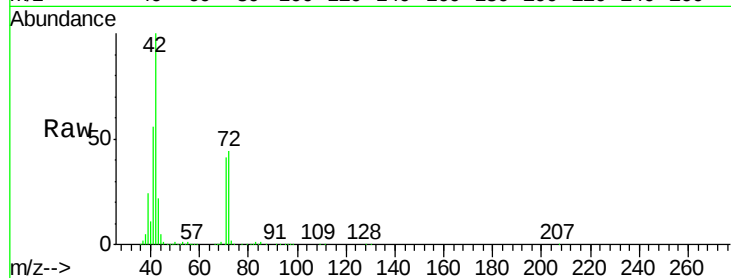
Tgt Ion: 42 Resp: 313913

Ion Ratio Lower Upper

42 100

72 45.0 34.5 51.7

71 42.4 32.2 48.4



#30

Chloroform

Concen: 47.38 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024526.D

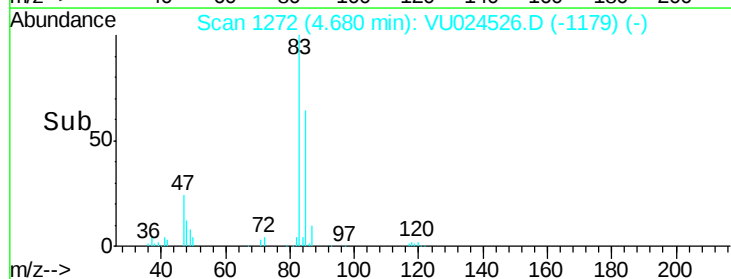
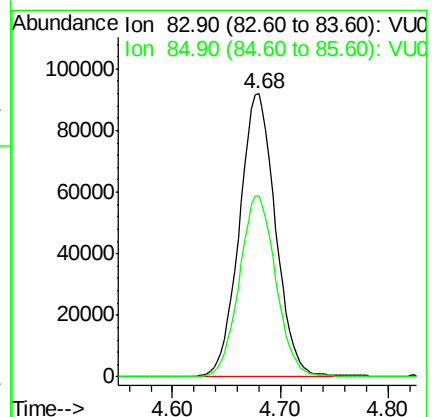
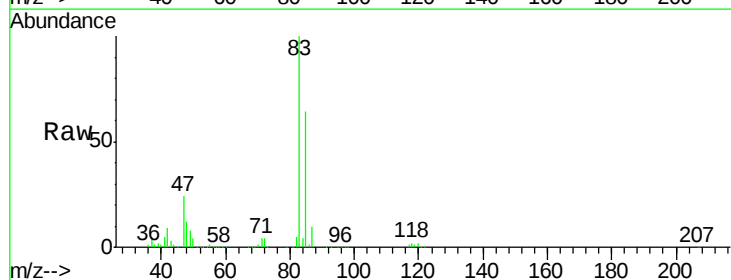
Acq: 13 Jun 2018 22:54

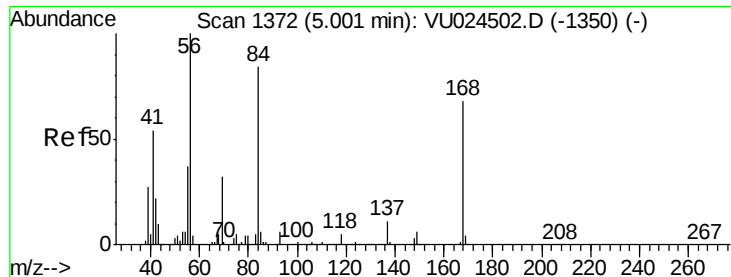
Tgt Ion: 83 Resp: 212465

Ion Ratio Lower Upper

83 100

85 64.0 52.4 78.6

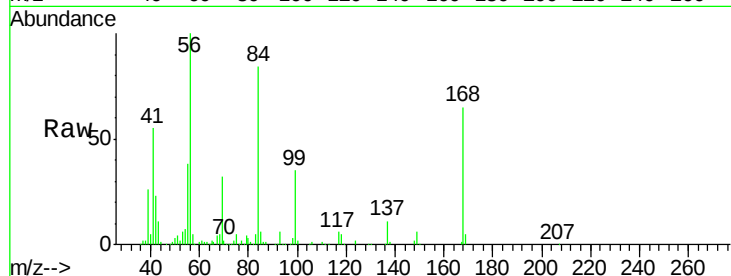




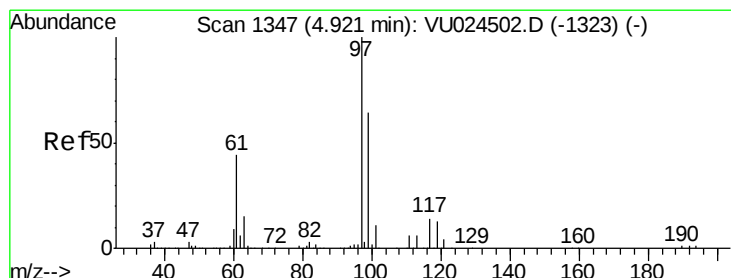
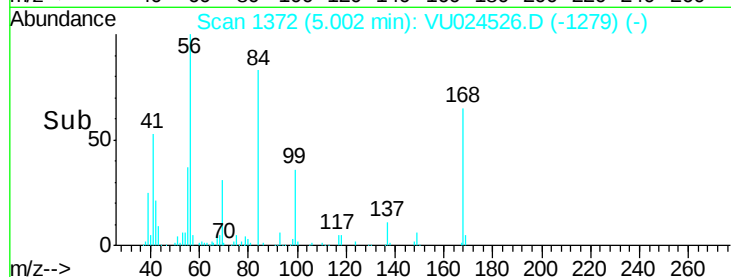
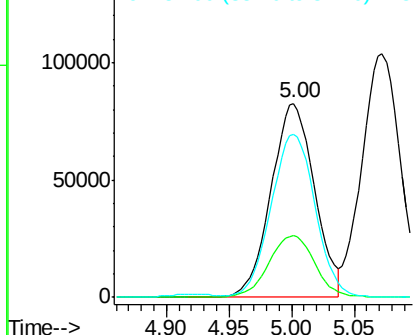
#31  
Cyclohexane  
Concen: 50.46 ug/l  
RT: 5.00 min Scan# 1372  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.5  | 24.8  | 37.2  |
| 84      | 82.5  | 65.2  | 97.8  |

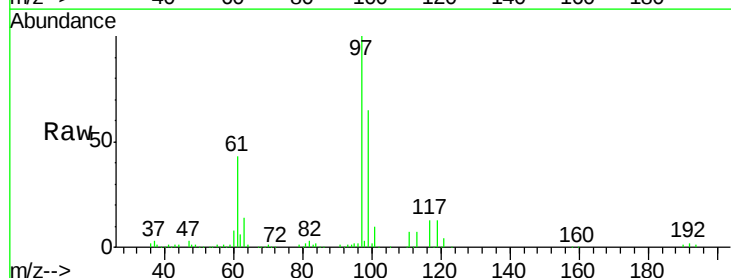


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

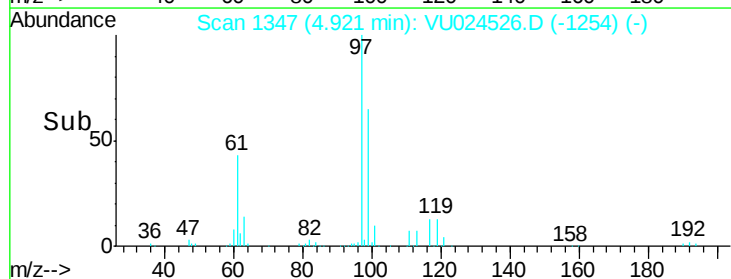
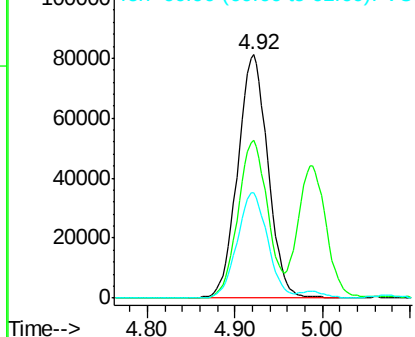


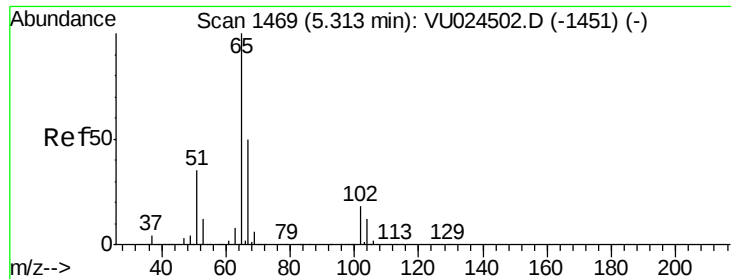
#32  
1,1,1-Trichloroethane  
Concen: 46.69 ug/l  
RT: 4.92 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.5  | 51.0  | 76.6  |
| 61      | 43.6  | 39.4  | 59.0  |



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

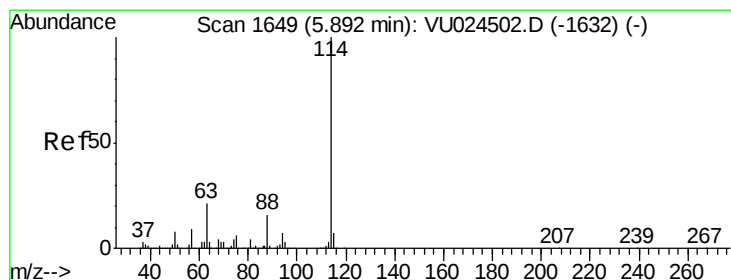
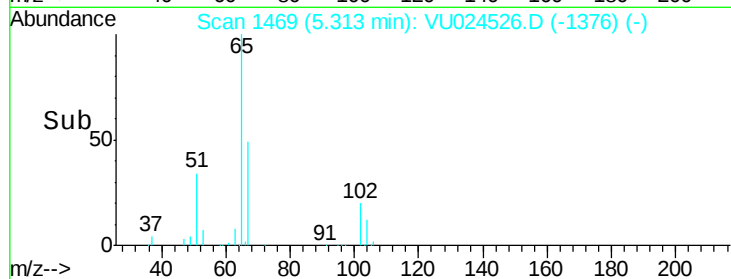
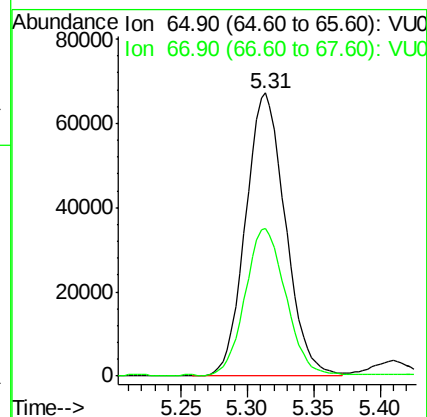
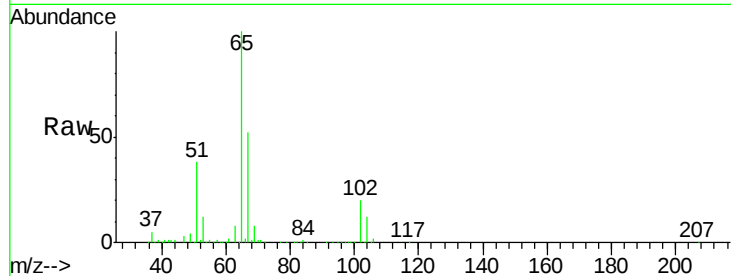




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.79 ug/l  
 RT: 5.31 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

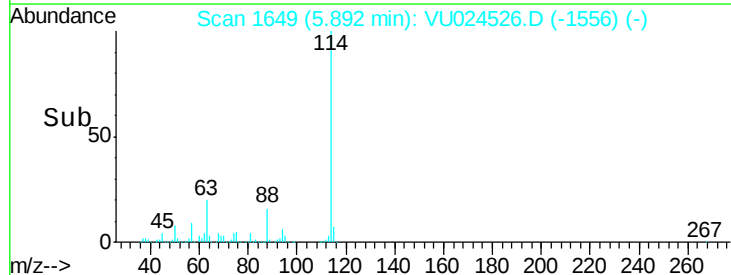
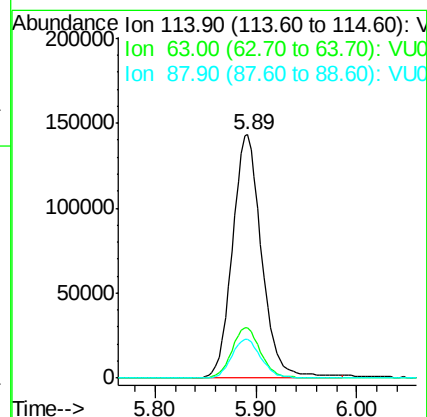
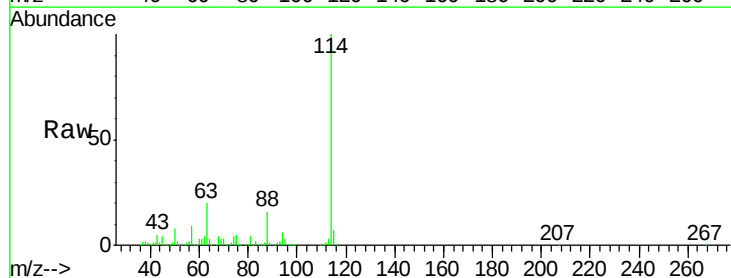
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 65 Resp: 140362  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 107.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1649  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 114 Resp: 288991  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 45.4  
 88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.70 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

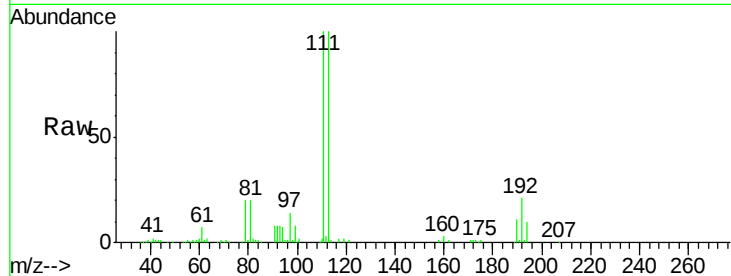
Tgt Ion:113 Resp: 119192

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

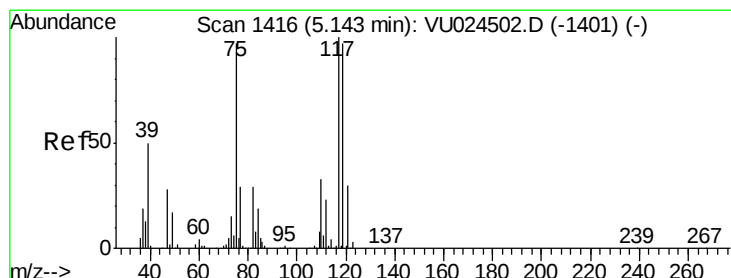
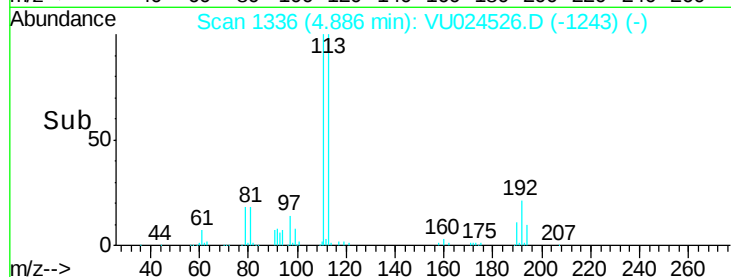
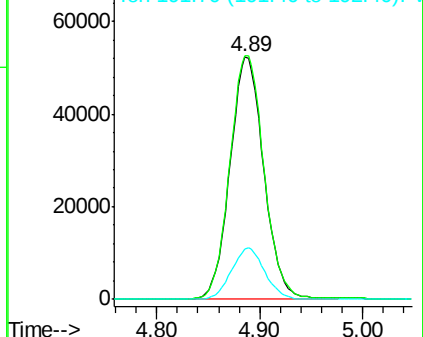
192 20.8 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.98 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

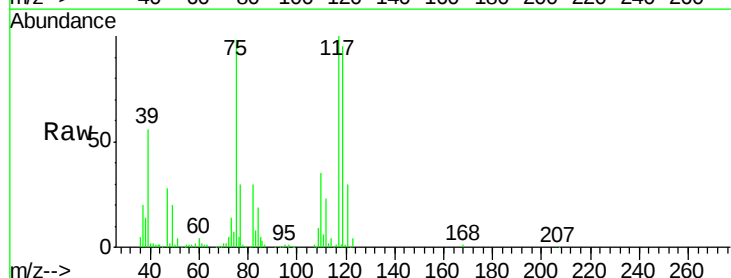
Tgt Ion: 75 Resp: 159544

Ion Ratio Lower Upper

75 100

110 35.9 17.0 50.9

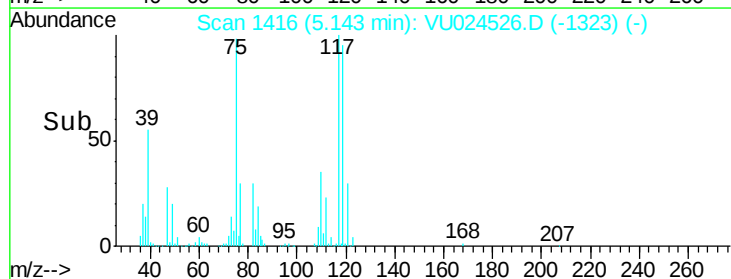
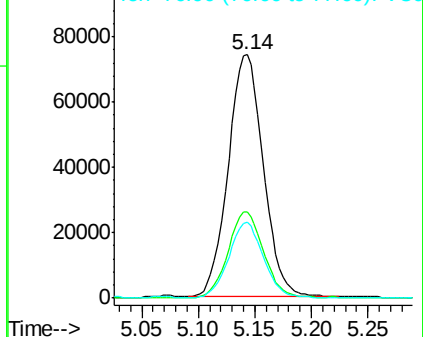
77 30.4 24.2 36.4

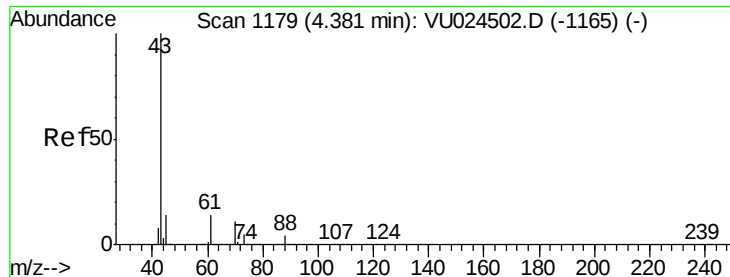


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

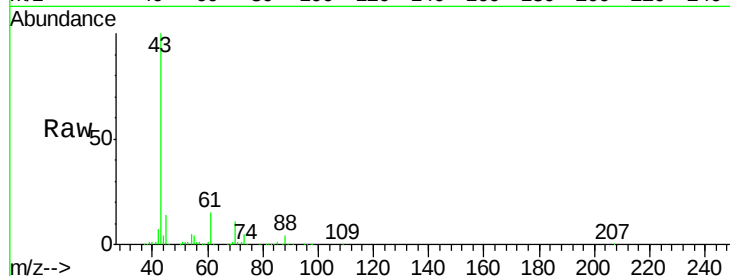




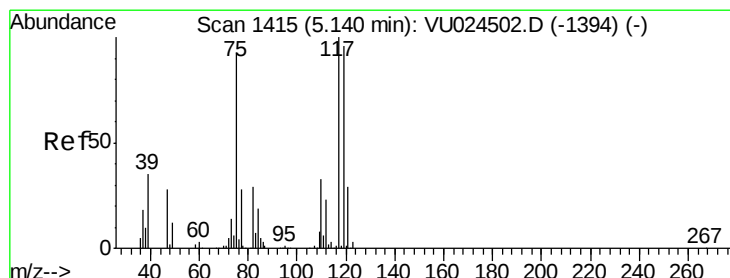
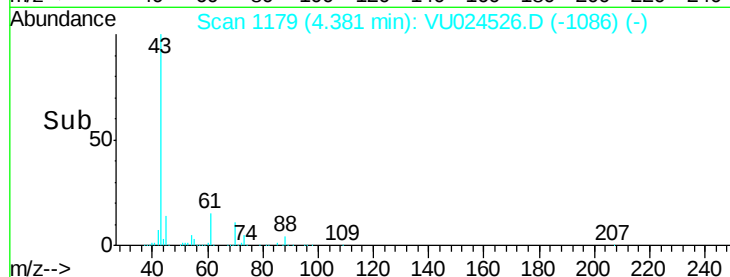
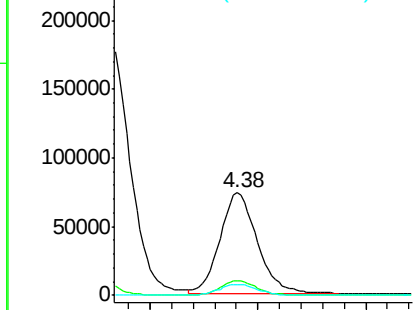
#37  
 Ethyl Acetate  
 Concen: 47.64 ug/l  
 RT: 4.38 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 176340  
 Ion Ratio Lower Upper  
 43 100  
 61 13.5 10.5 15.7  
 70 11.0 7.4 11.2

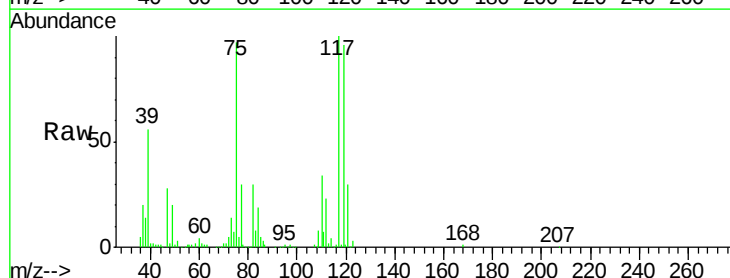


Abundance Ion 43.00 (42.70 to 43.70): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 70.00 (69.70 to 70.70): VU0

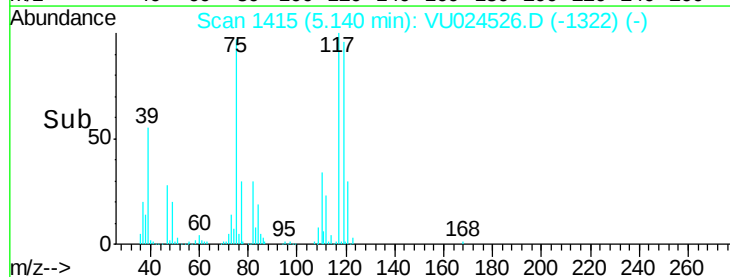
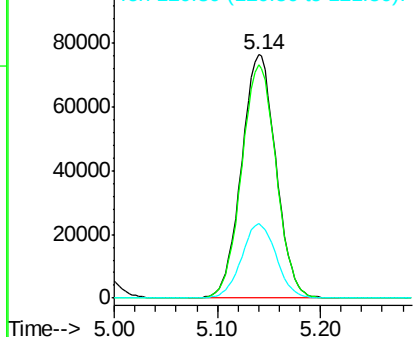


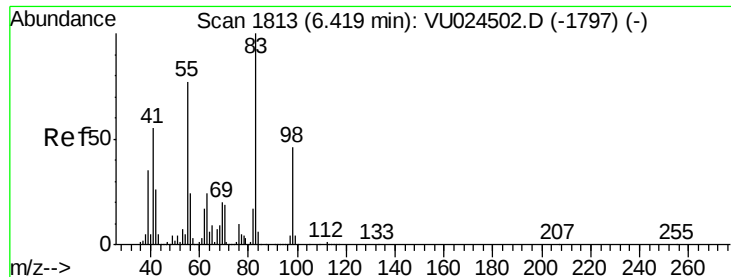
#38  
 Carbon Tetrachloride  
 Concen: 47.50 ug/l  
 RT: 5.14 min Scan# 1415  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 117 Resp: 177372  
 Ion Ratio Lower Upper  
 117 100  
 119 95.8 76.1 114.1  
 121 30.5 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V  
 Ion 118.80 (118.50 to 119.50): V  
 Ion 120.80 (120.50 to 121.50): V

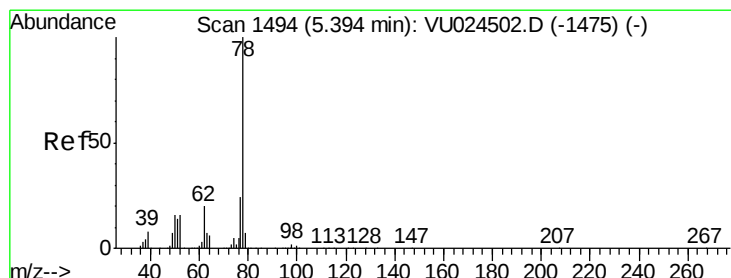
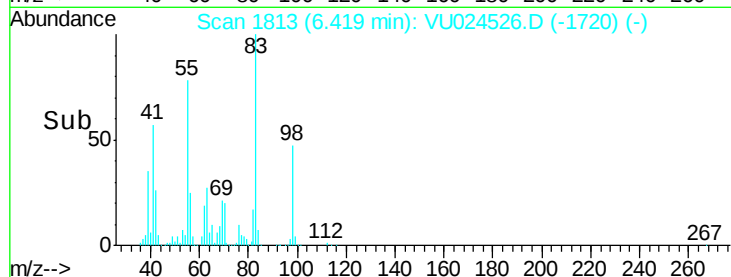
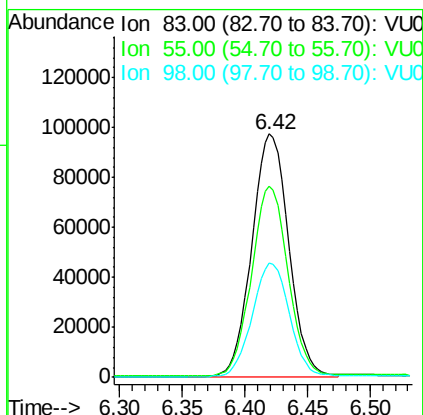
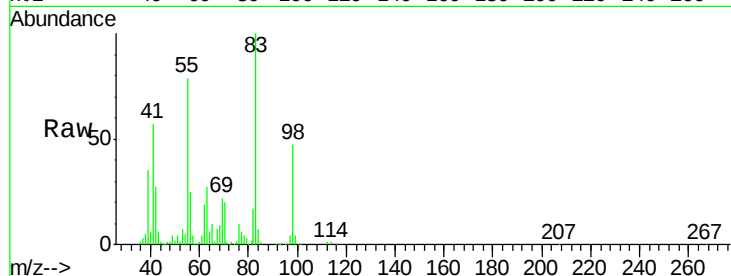




#39  
Methylcyclohexane  
Concen: 46.99 ug/l  
RT: 6.42 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

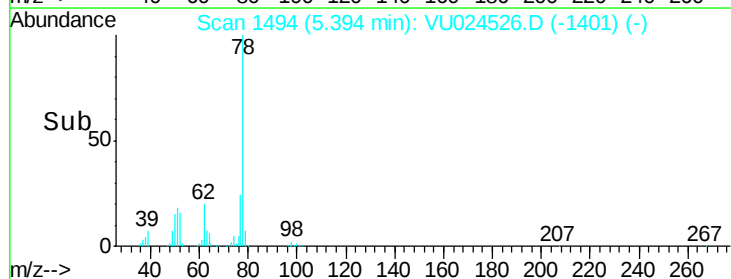
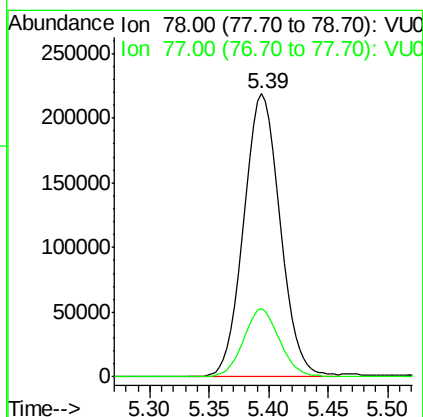
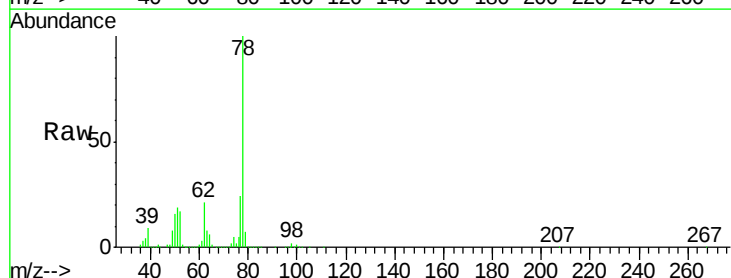
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

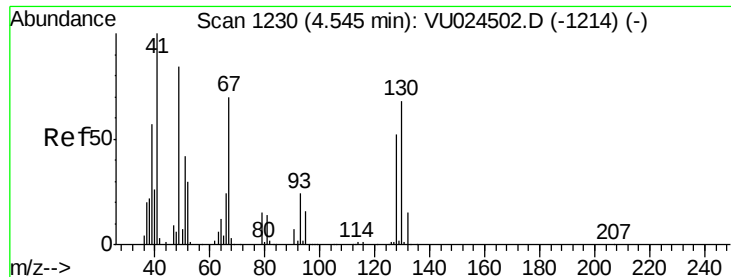
Tgt Ion: 83 Resp: 199126  
Ion Ratio Lower Upper  
83 100  
55 78.3 65.8 98.6  
98 46.6 36.7 55.1



#40  
Benzene  
Concen: 48.15 ug/l  
RT: 5.39 min Scan# 1494  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion: 78 Resp: 465953  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.2 28.8

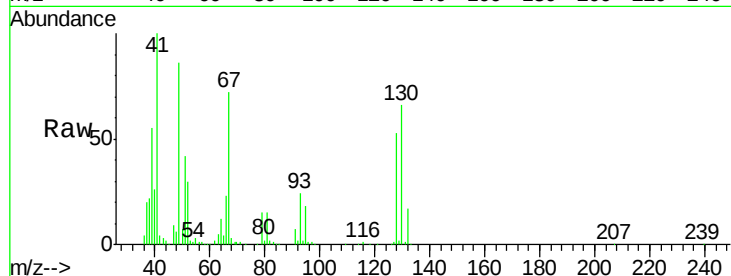




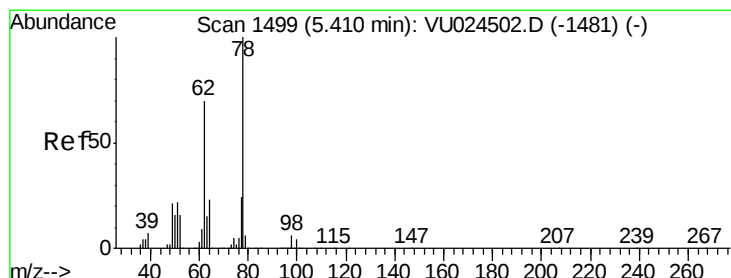
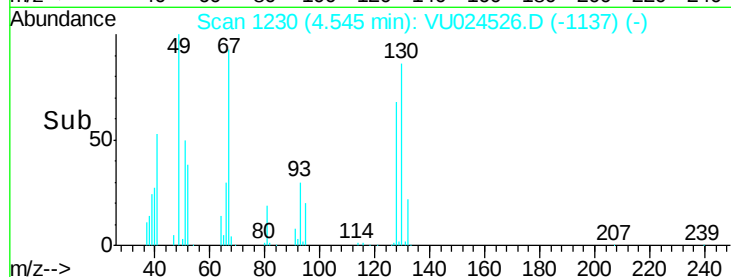
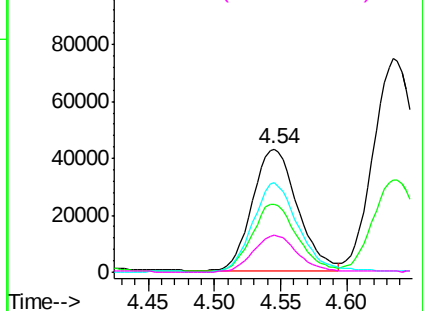
#41  
Methacrylonitrile  
Concen: 50.69 ug/l  
RT: 4.54 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 101163  
Ion Ratio Lower Upper  
41 100  
39 55.3 43.8 65.6  
67 73.6 56.3 84.5  
52 30.0 23.2 34.8

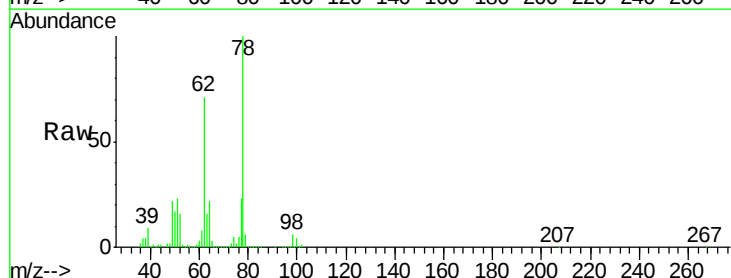


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

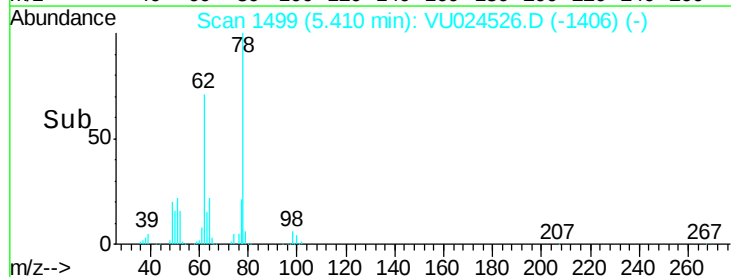
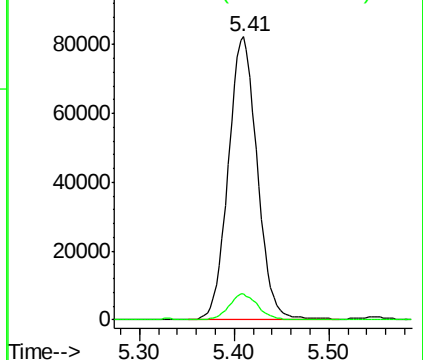


#42  
1,2-Dichloroethane  
Concen: 47.44 ug/l  
RT: 5.41 min Scan# 1499  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion: 62 Resp: 174823  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 46.48 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

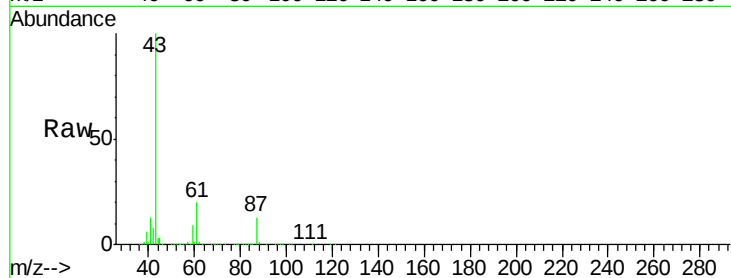
Tgt Ion: 43 Resp: 297400

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

87 13.2 10.0 15.0

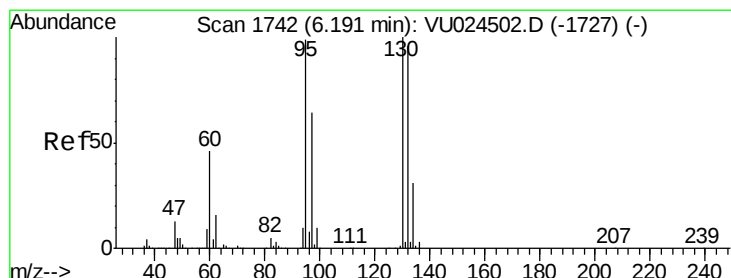
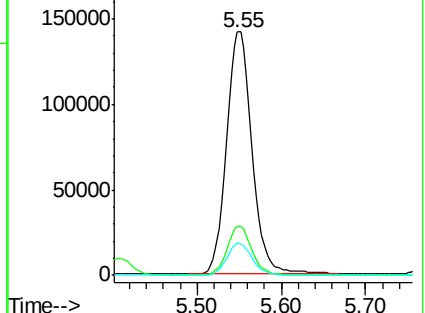
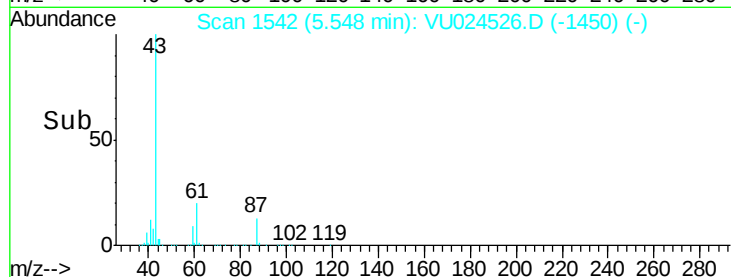


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)

Time-->



#44

Trichloroethene

Concen: 46.73 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024526.D

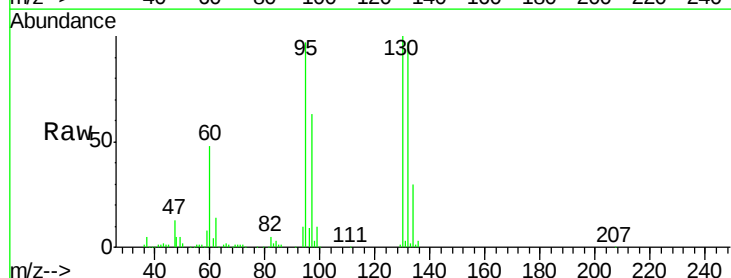
Acq: 13 Jun 2018 22:54

Tgt Ion: 130 Resp: 128692

Ion Ratio Lower Upper

130 100

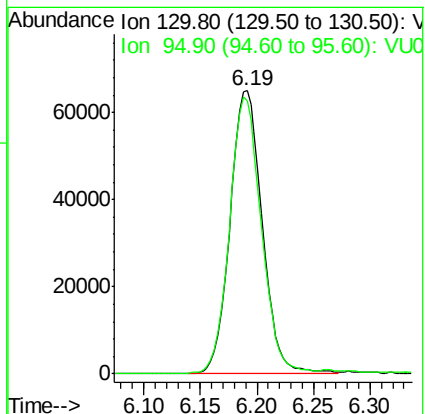
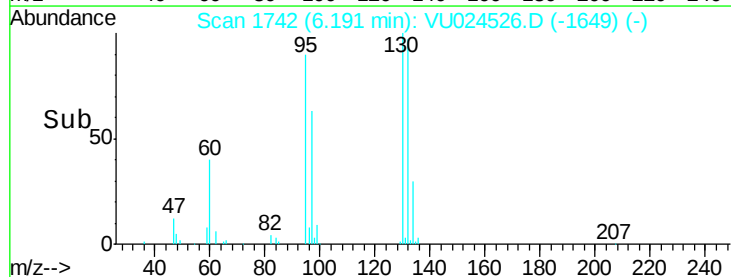
95 96.4 0.0 202.4

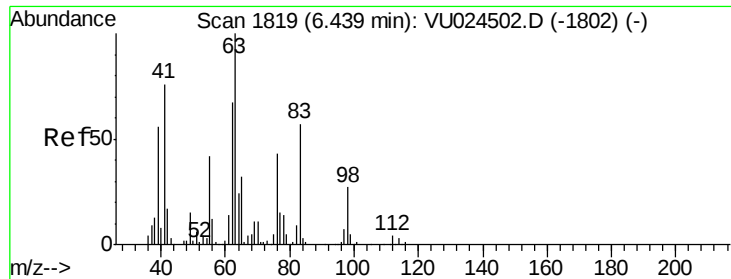


Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.37 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

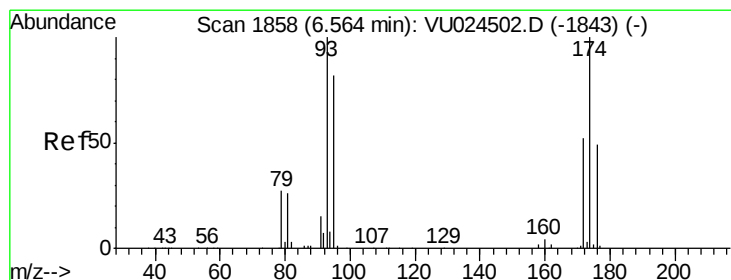
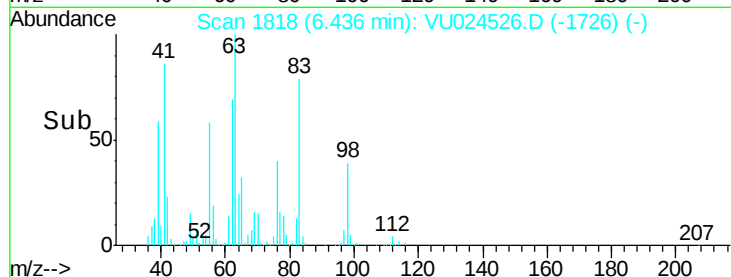
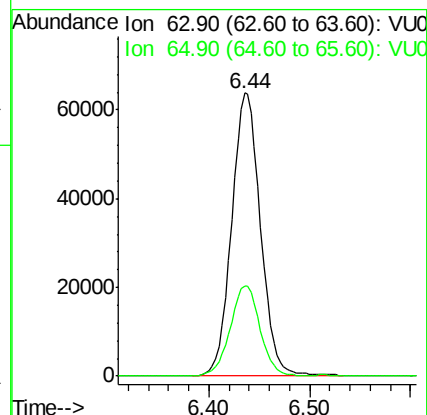
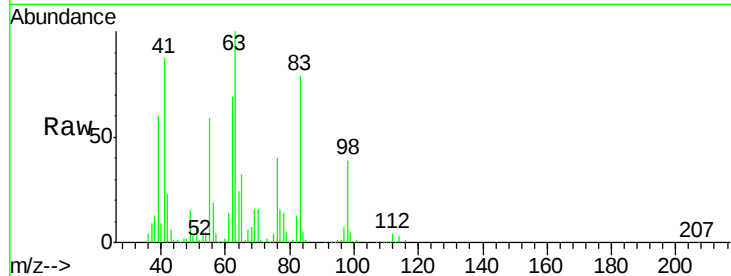
VSTDCCC050

Tgt Ion: 63 Resp: 127474

Ion Ratio Lower Upper

63 100

65 32.0 24.8 37.2



#46

Dibromomethane

Concen: 49.14 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

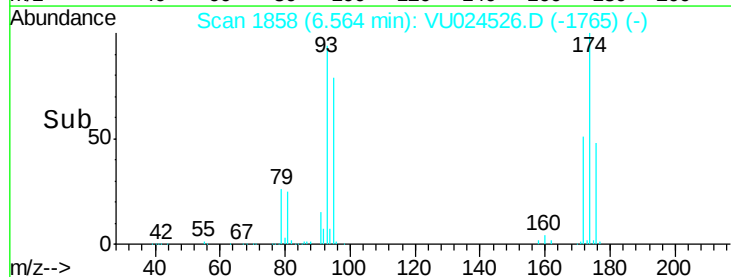
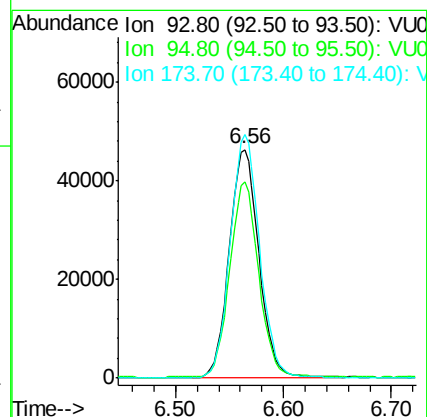
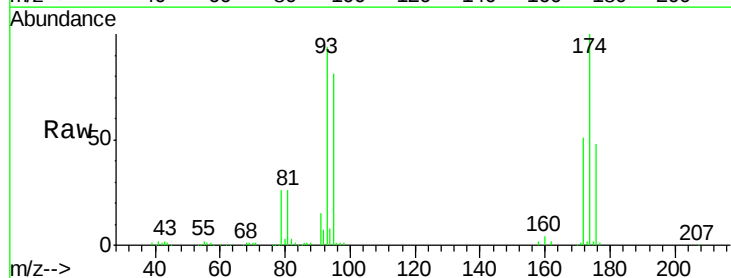
Tgt Ion: 93 Resp: 89126

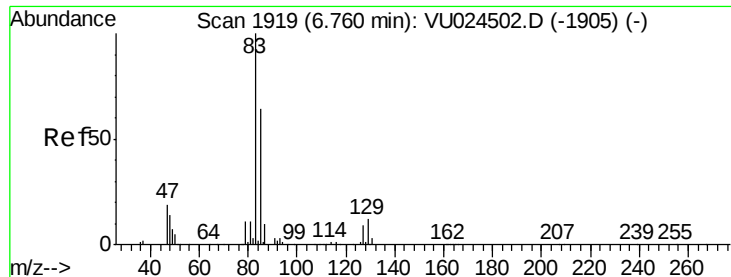
Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

174 105.3 78.7 118.1





#47

Bromodichloromethane

Concen: 47.87 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

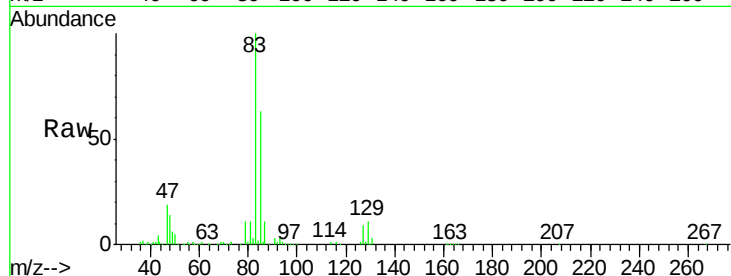
Tgt Ion: 83 Resp: 172882

Ion Ratio Lower Upper

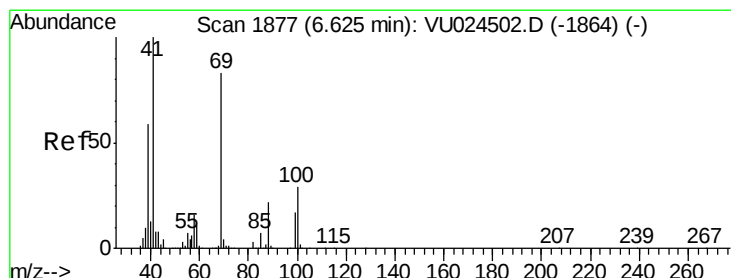
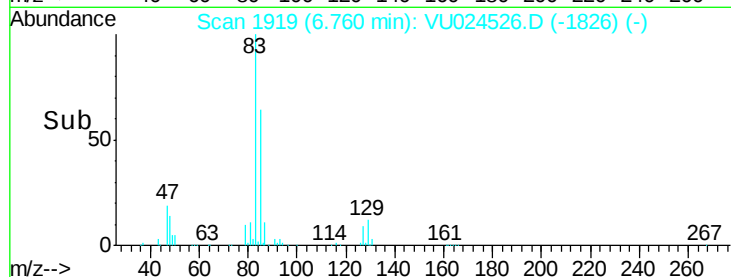
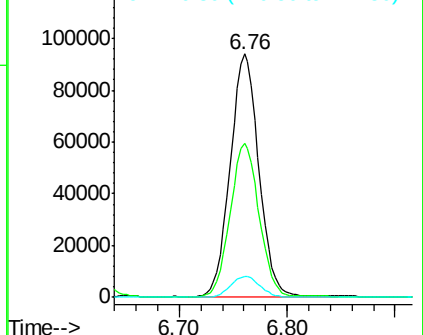
83 100

85 63.3 51.9 77.9

127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0  
Ion 84.90 (84.60 to 85.60): VU0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.72 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

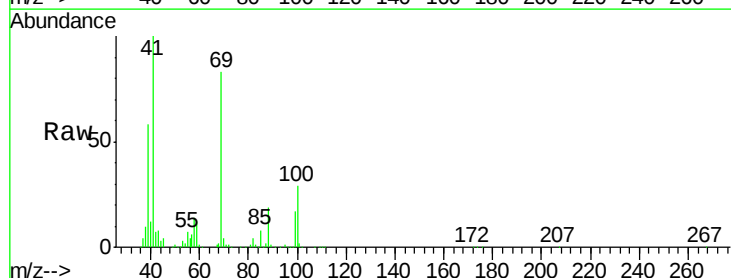
Tgt Ion: 41 Resp: 151764

Ion Ratio Lower Upper

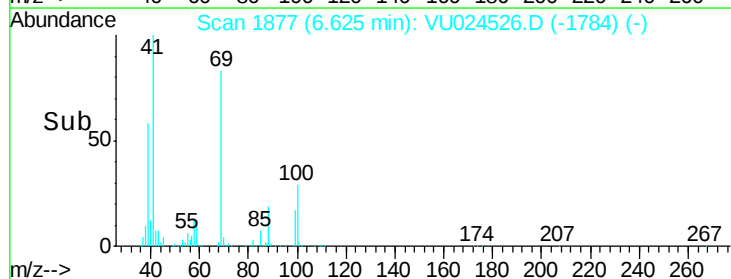
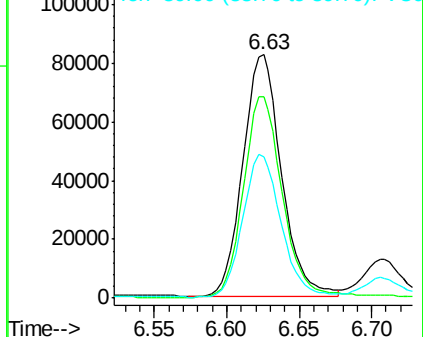
41 100

69 84.1 67.3 100.9

39 58.7 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0

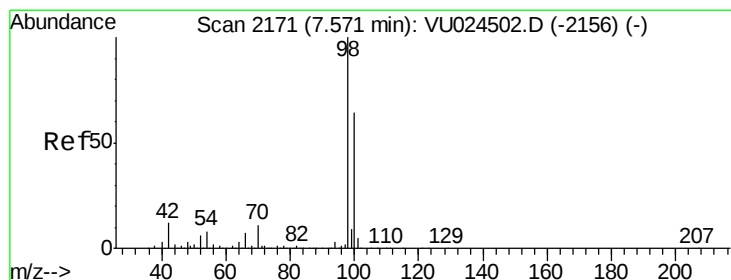
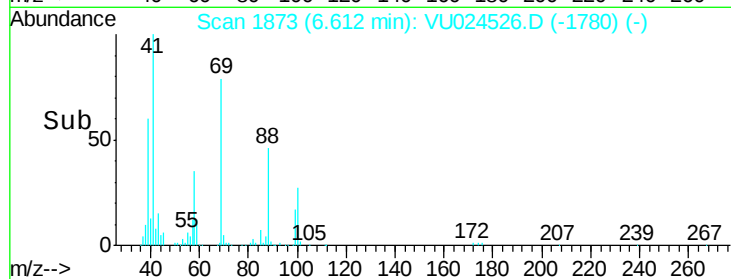
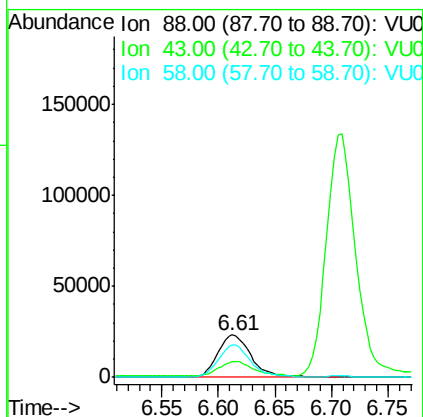
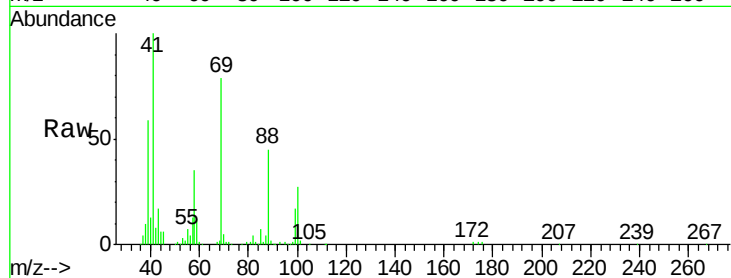




#49  
 1,4-Dioxane  
 Concen: 769.94 ug/l  
 RT: 6.61 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

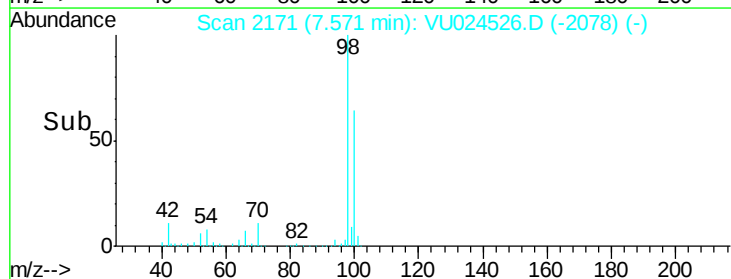
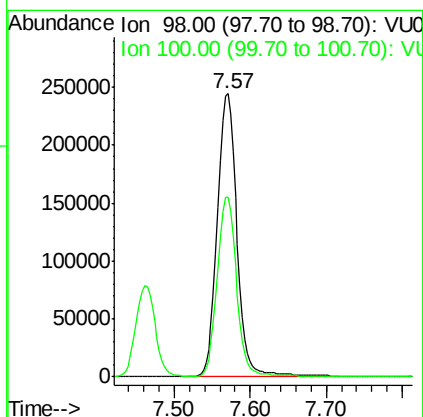
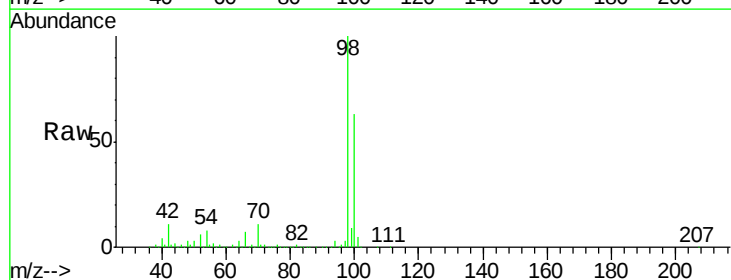
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 88 Resp: 46908  
 Ion Ratio Lower Upper  
 88 100  
 43 35.5 28.6 42.8  
 58 74.5 58.2 87.4



#50  
 Toluene-d8  
 Concen: 50.07 ug/l  
 RT: 7.57 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 98 Resp: 438027  
 Ion Ratio Lower Upper  
 98 100  
 100 62.3 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 241.60 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

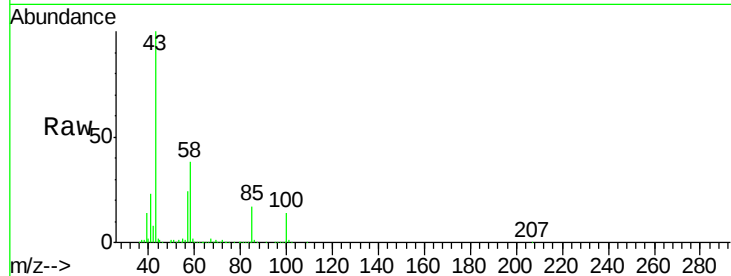
VSTDCCC050

Tgt Ion: 43 Resp: 971083

Ion Ratio Lower Upper

43 100

58 38.1 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

600000

500000

400000

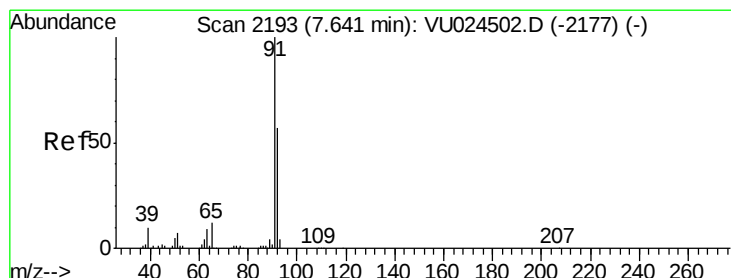
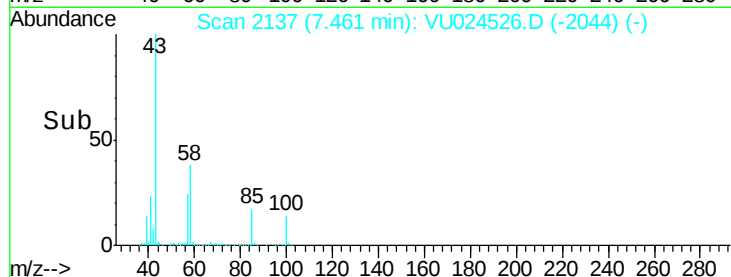
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.42 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024526.D

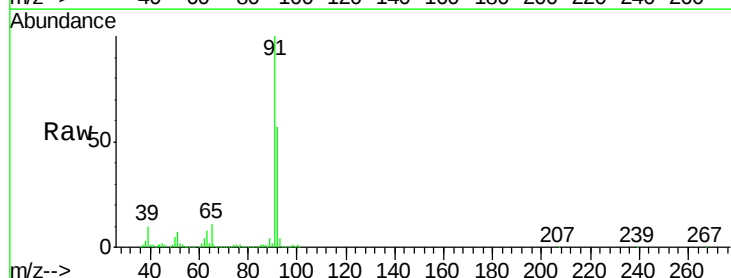
Acq: 13 Jun 2018 22:54

Tgt Ion: 92 Resp: 295239

Ion Ratio Lower Upper

92 100

91 177.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

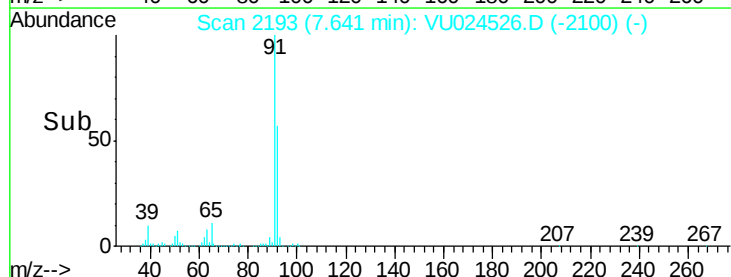
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.72 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

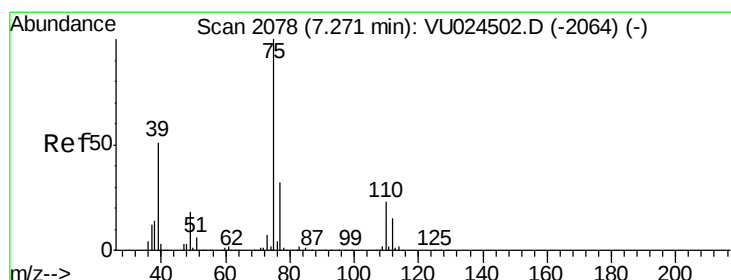
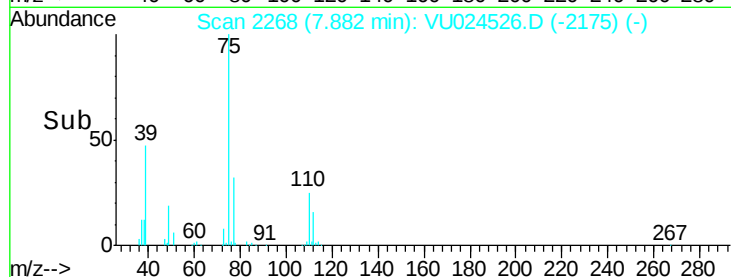
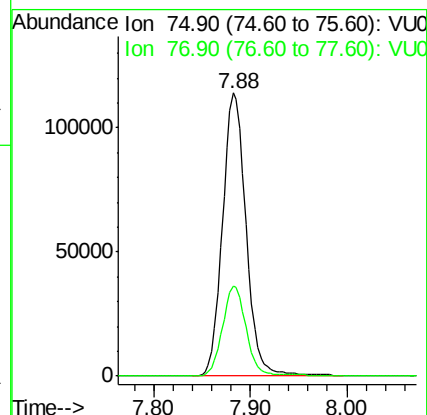
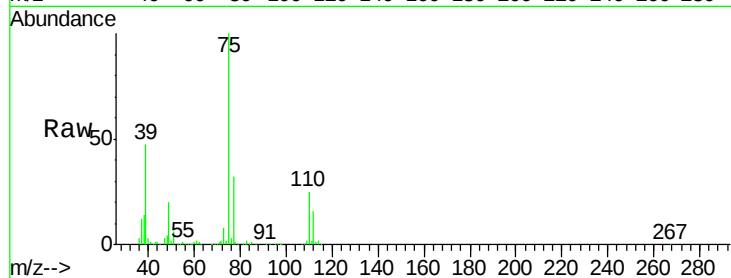
VSTDCCC050

Tgt Ion: 75 Resp: 193522

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 46.93 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

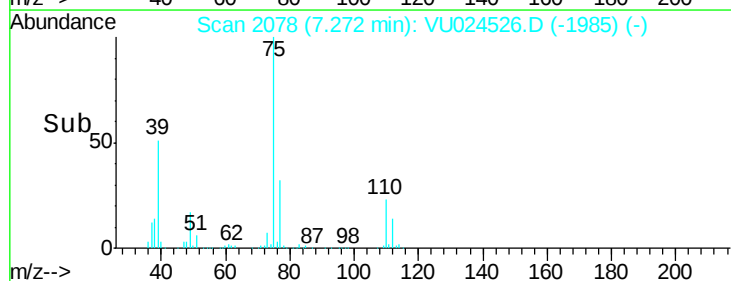
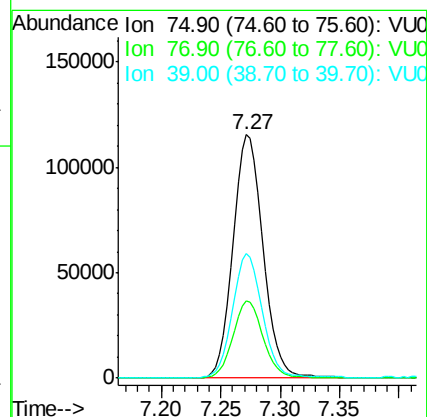
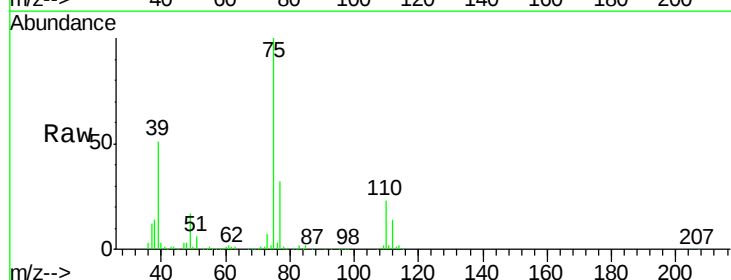
Tgt Ion: 75 Resp: 202813

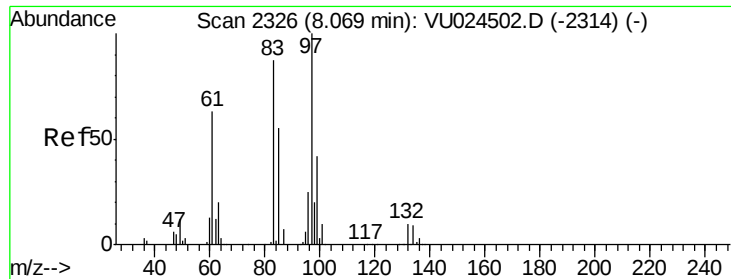
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 51.0 39.8 59.6

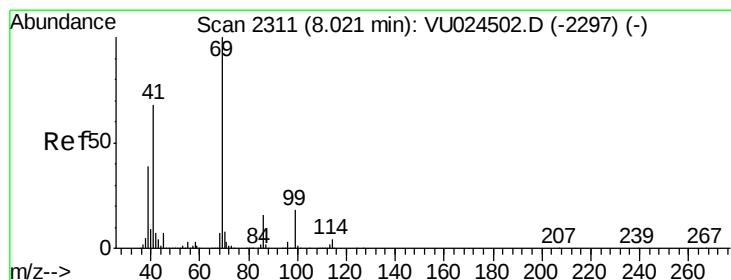
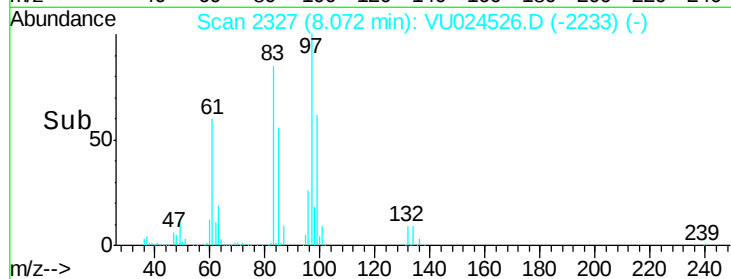
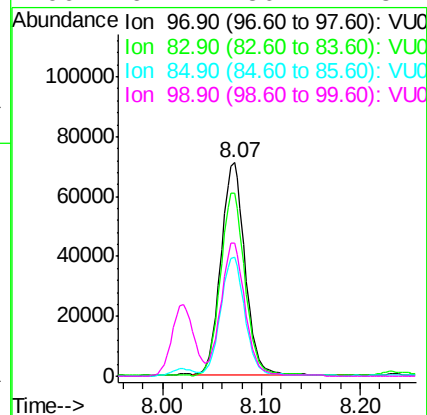
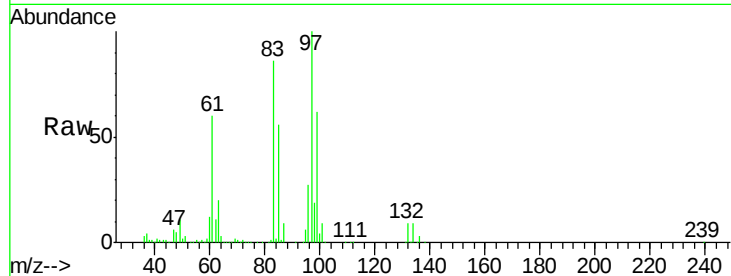




#55  
 1,1,2-Trichloroethane  
 Concen: 48.48 ug/l  
 RT: 8.07 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

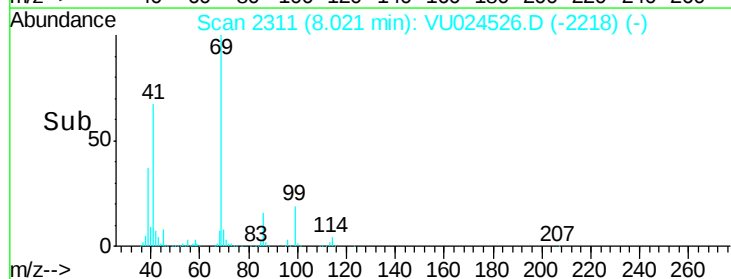
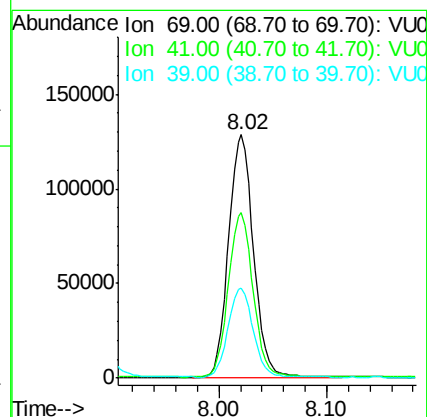
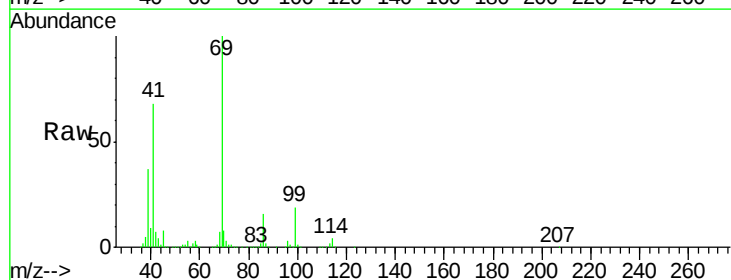
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

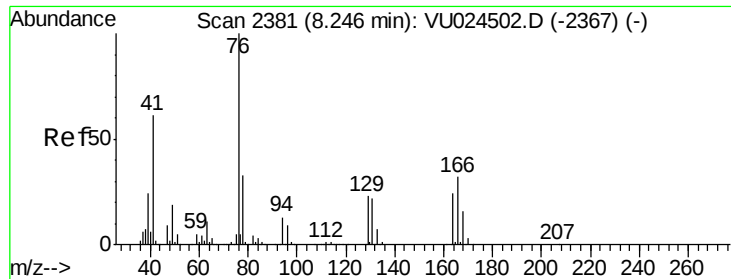
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 122679 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.6  | 70.5  | 105.7  |
| 85       | 55.5  | 46.4  | 69.6   |
| 99       | 62.1  | 50.2  | 75.2   |



#56  
 Ethyl methacrylate  
 Concen: 48.85 ug/l  
 RT: 8.02 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 206920 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.3  | 54.1  | 81.1   |
| 39       | 37.1  | 30.3  | 45.5   |

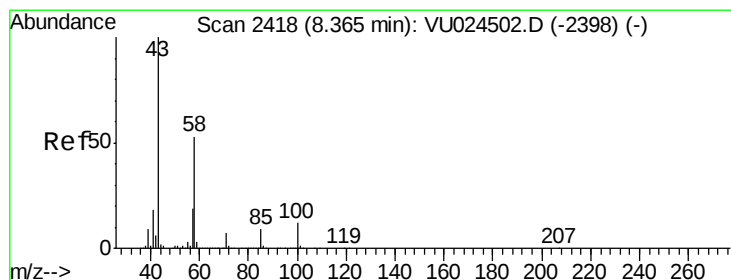
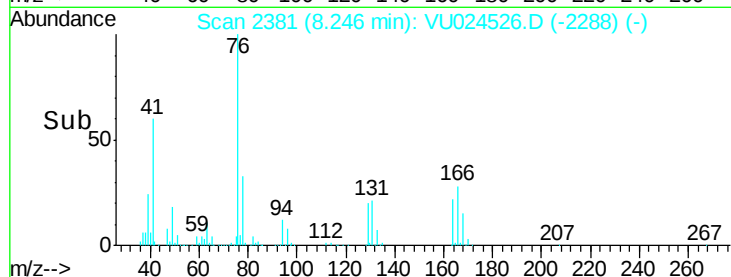
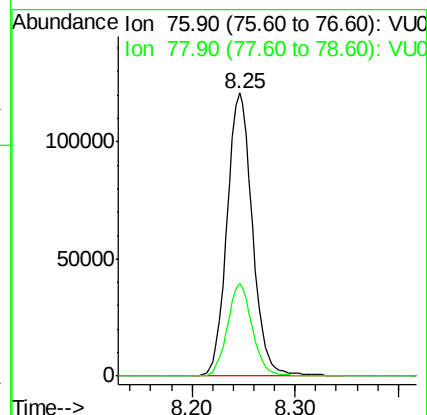
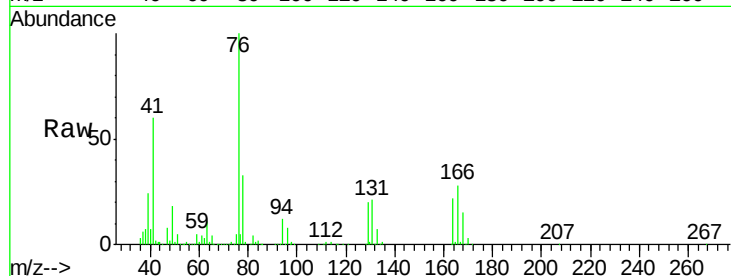




#57  
 1,3-Dichloropropane  
 Concen: 48.61 ug/l  
 RT: 8.25 min Scan# 2381  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

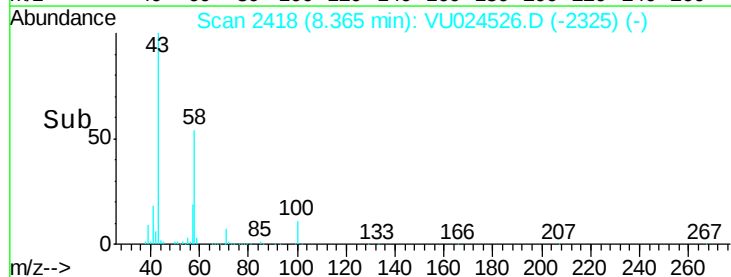
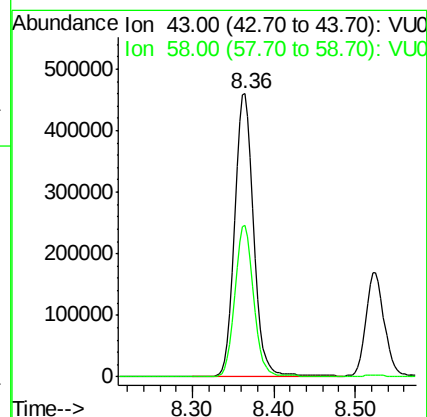
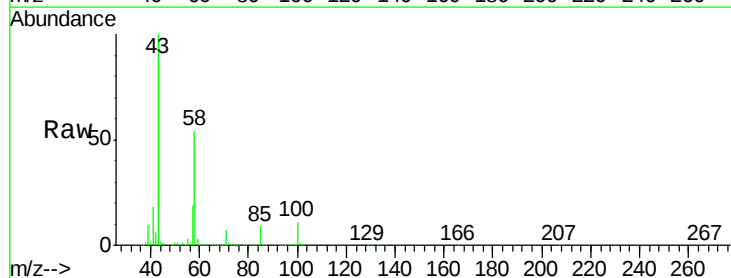
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

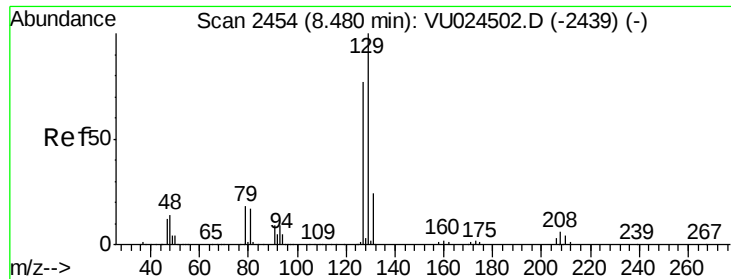
Tgt Ion: 76 Resp: 207506  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.2 37.8



#59  
 2-Hexanone  
 Concen: 230.67 ug/l  
 RT: 8.36 min Scan# 2418  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 43 Resp: 756949  
 Ion Ratio Lower Upper  
 43 100  
 58 53.2 26.4 79.0





#60

Dibromochloromethane

Concen: 47.32 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

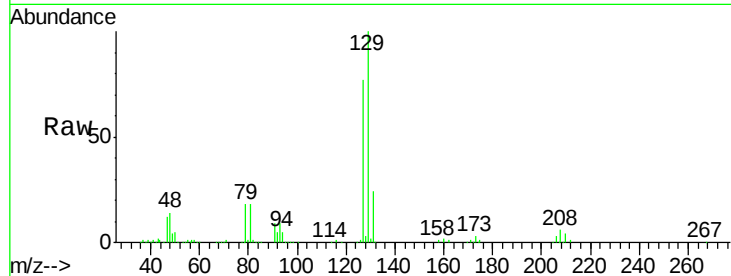
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:129 Resp: 149322

Ion Ratio Lower Upper

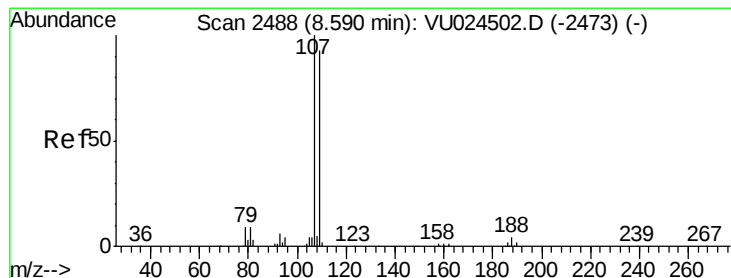
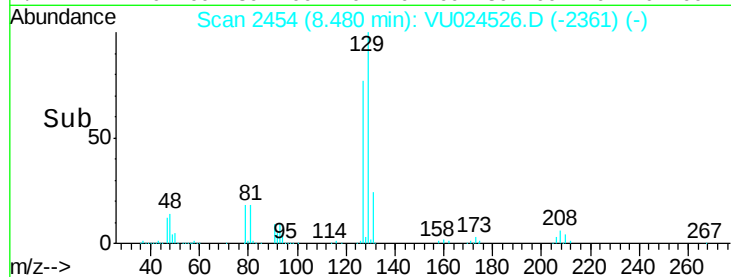
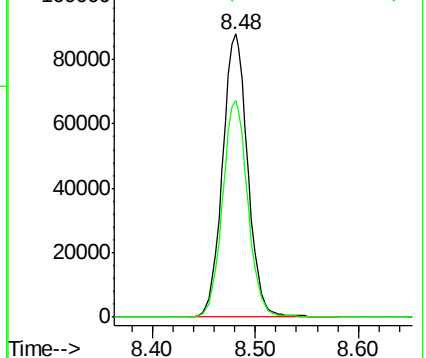
129 100

127 76.6 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 47.69 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024526.D

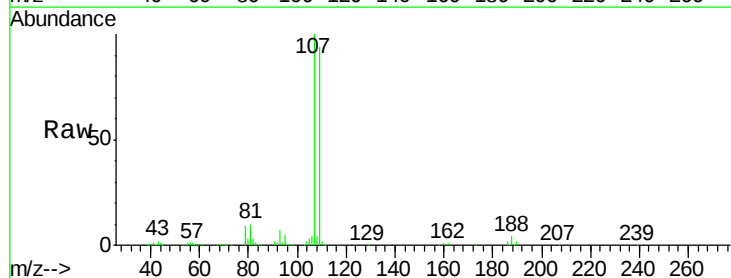
Acq: 13 Jun 2018 22:54

Tgt Ion:107 Resp: 134315

Ion Ratio Lower Upper

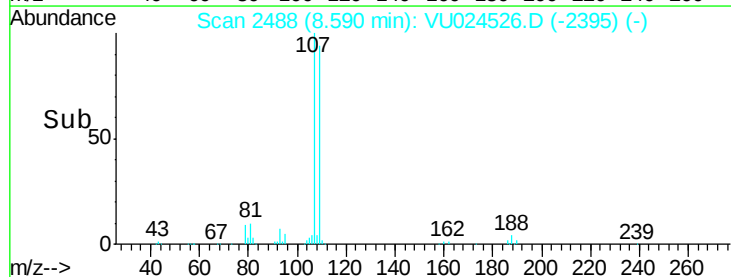
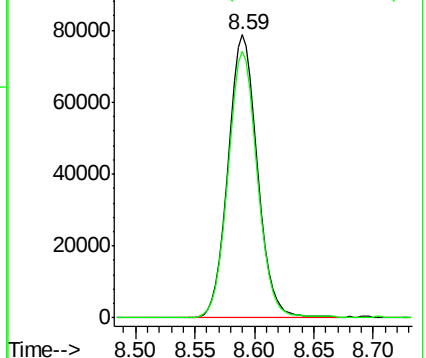
107 100

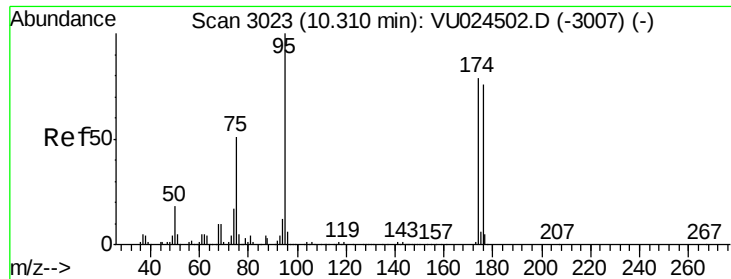
109 94.5 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

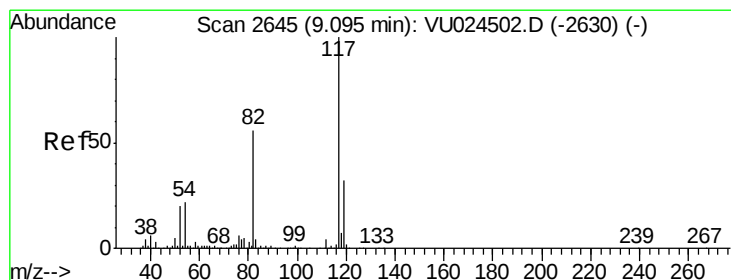
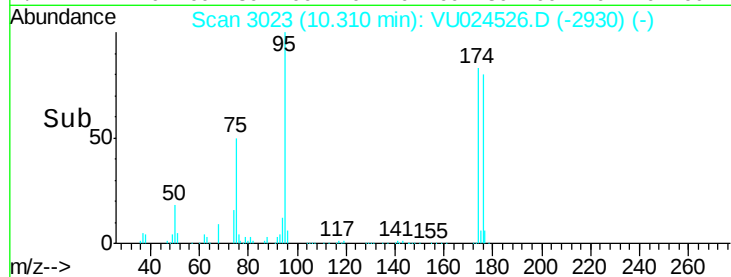
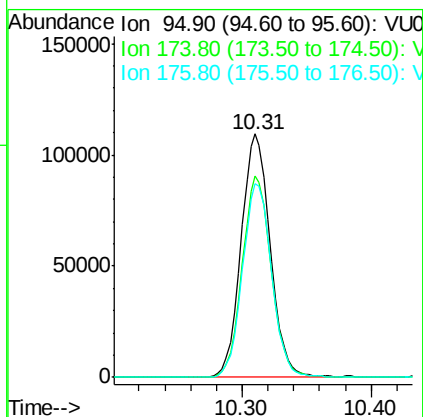
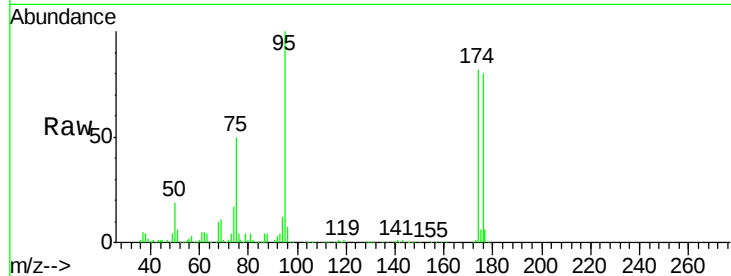




#62  
4-Bromofluorobenzene  
Concen: 49.12 ug/l  
RT: 10.31 min Scan# 3023  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

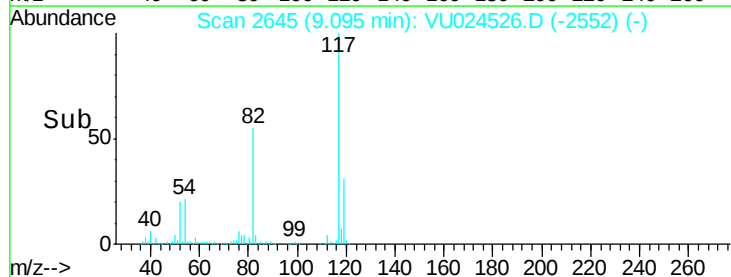
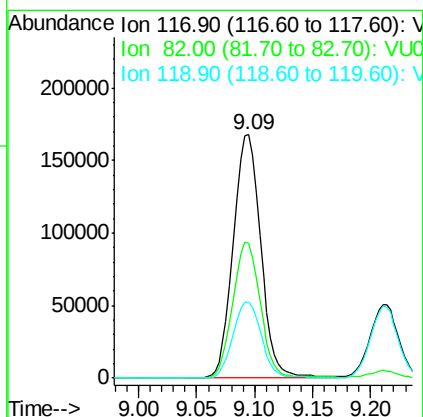
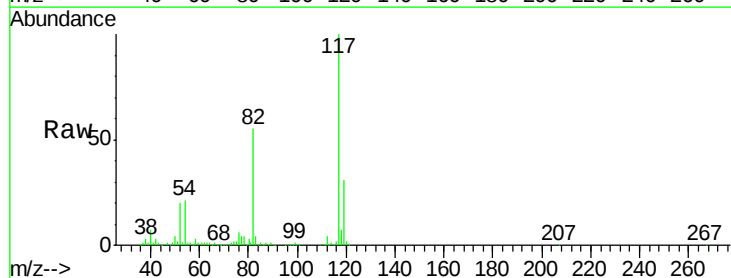
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

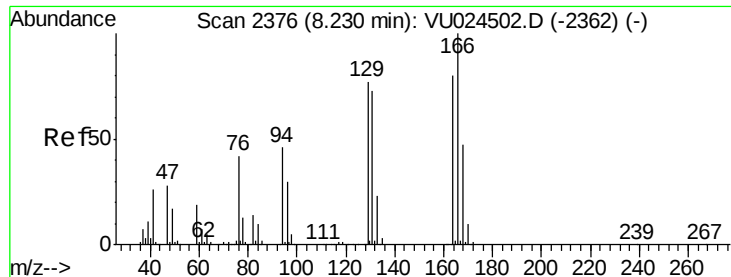
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 82.6  | 0.0   | 165.8 |
| 176     | 80.3  | 0.0   | 159.4 |



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.09 min Scan# 2645  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.2  | 44.3  | 66.5  |
| 119     | 31.4  | 25.4  | 38.2  |

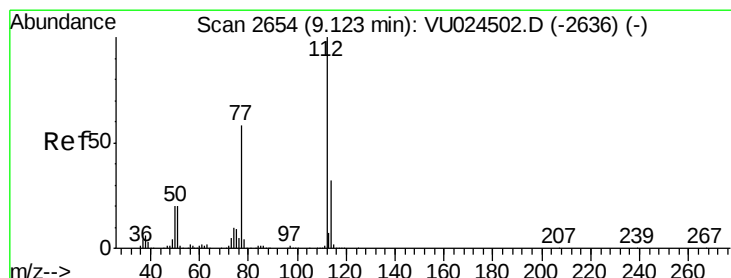
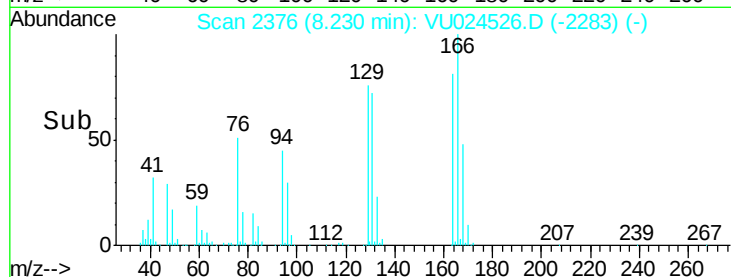
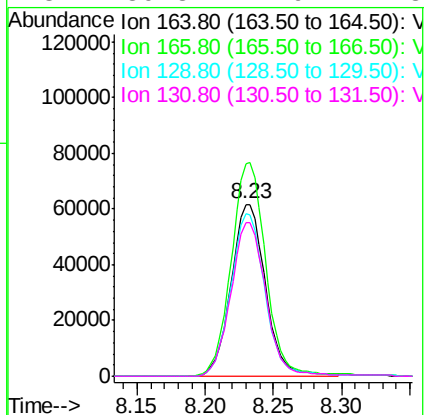
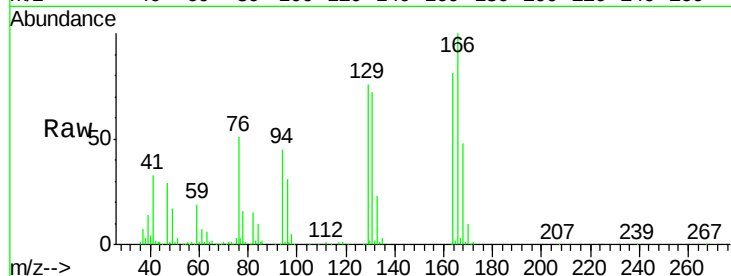




#64  
Tetrachloroethene  
Concen: 40.86 ug/l  
RT: 8.23 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

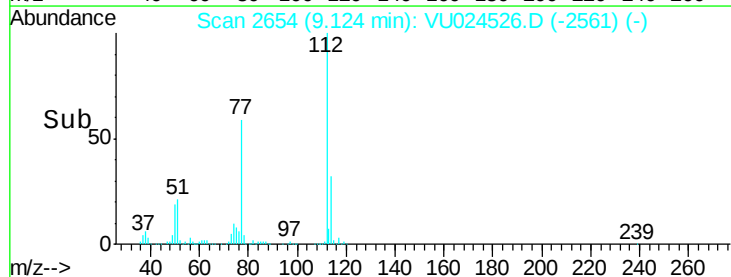
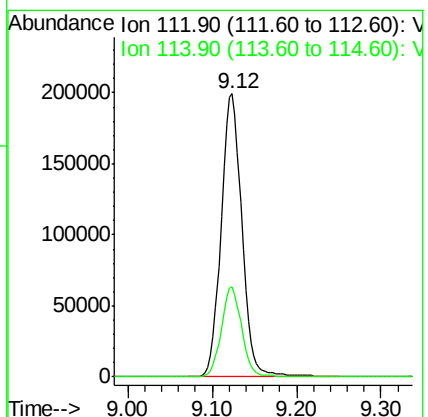
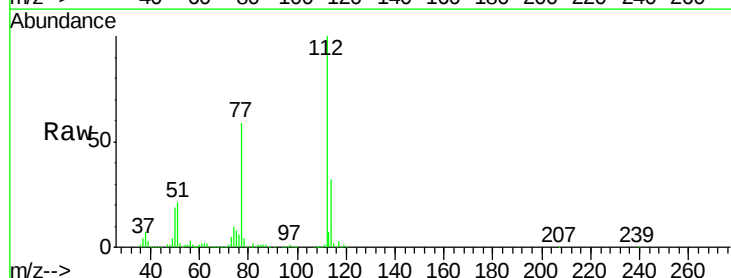
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

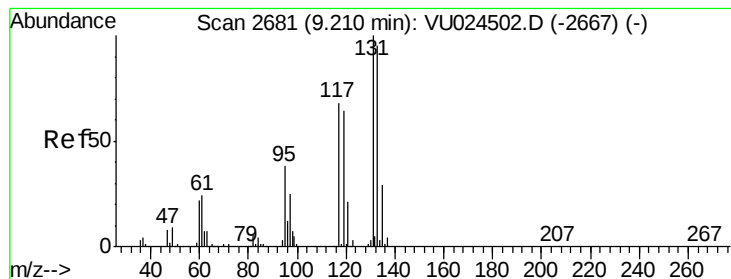
Tgt Ion:164 Resp: 107532  
Ion Ratio Lower Upper  
164 100  
166 123.9 101.7 152.5  
129 94.7 76.9 115.3  
131 89.3 74.9 112.3



#65  
Chlorobenzene  
Concen: 48.23 ug/l  
RT: 9.12 min Scan# 2654  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion:112 Resp: 341140  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 47.51 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

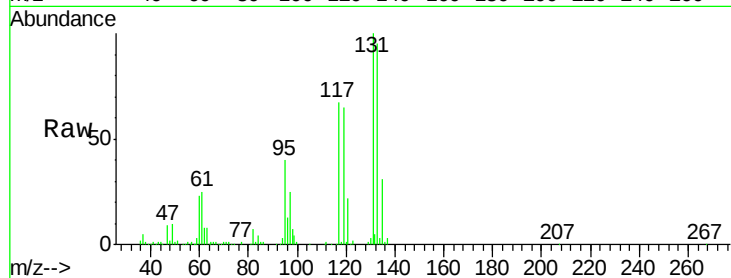
Tgt Ion:131 Resp: 127686

Ion Ratio Lower Upper

131 100

133 96.2 46.9 140.8

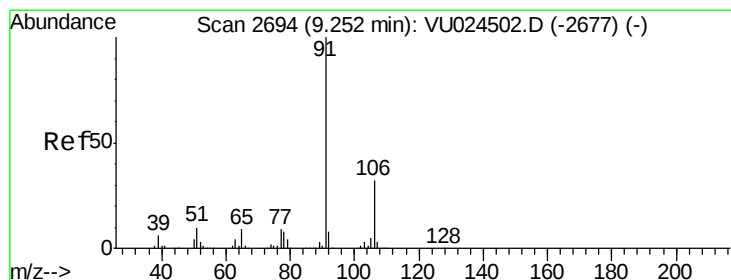
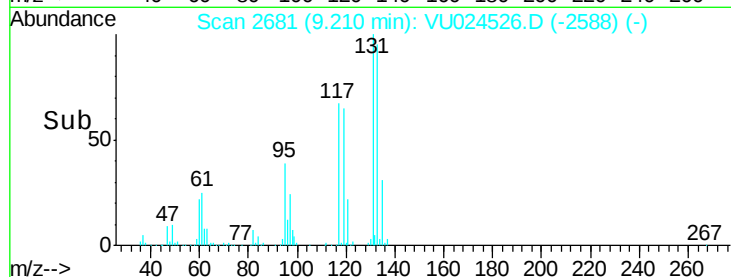
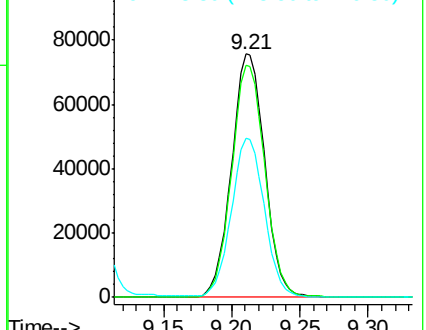
119 65.5 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.07 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024526.D

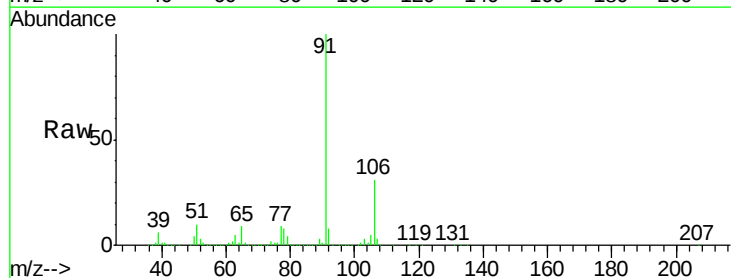
Acq: 13 Jun 2018 22:54

Tgt Ion: 91 Resp: 583742

Ion Ratio Lower Upper

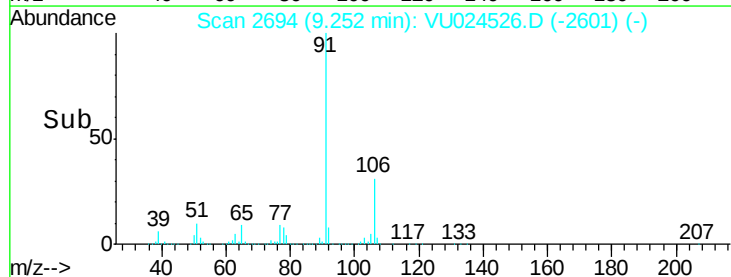
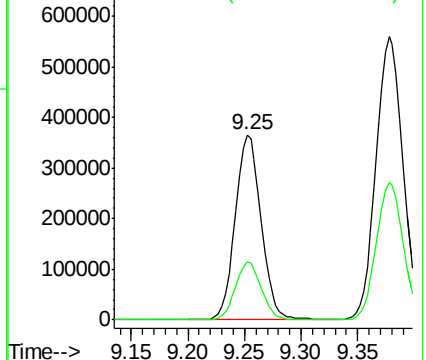
91 100

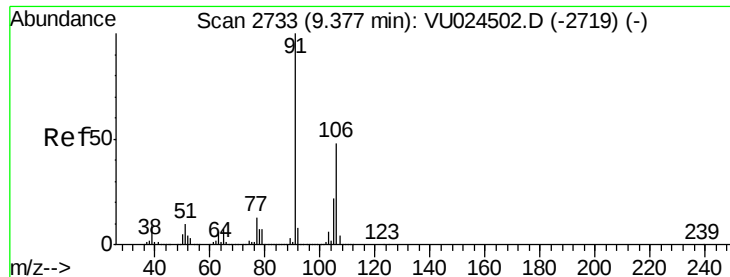
106 31.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

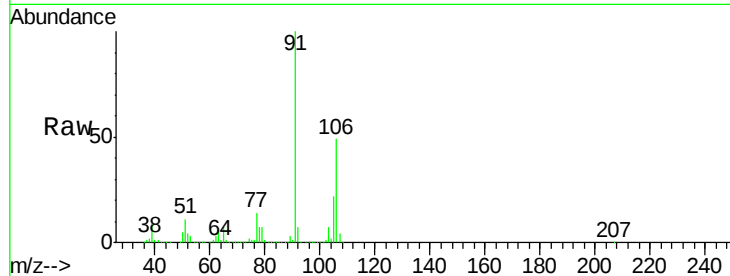




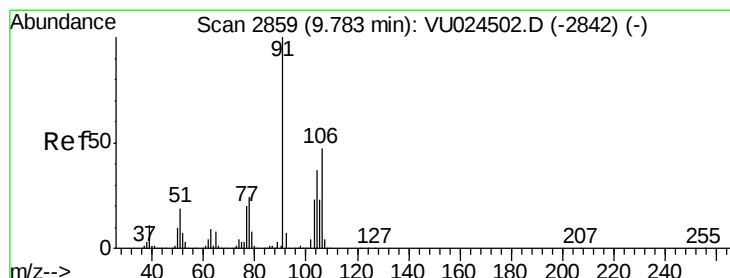
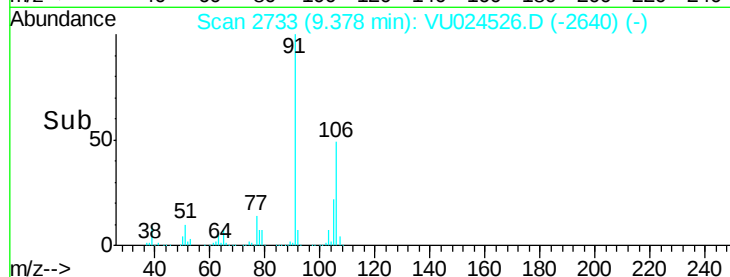
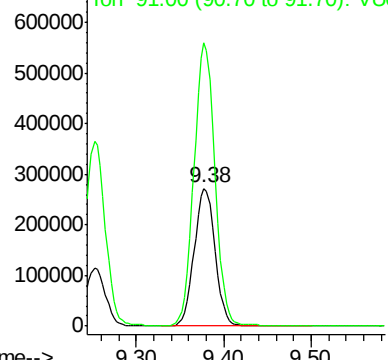
#68  
m/p-Xylenes  
Concen: 95.00 ug/l  
RT: 9.38 min Scan# 2733  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 452379  
Ion Ratio Lower Upper  
106 100  
91 205.8 166.5 249.7

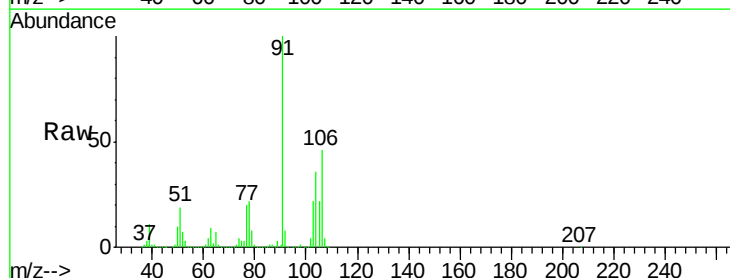


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

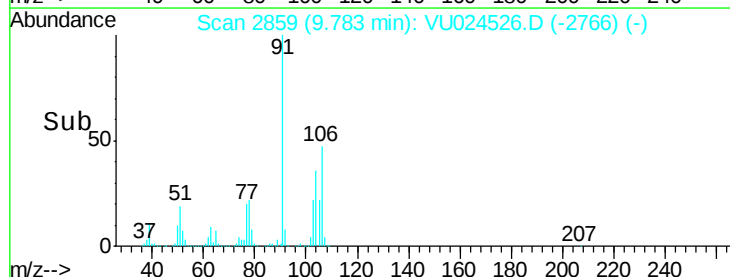
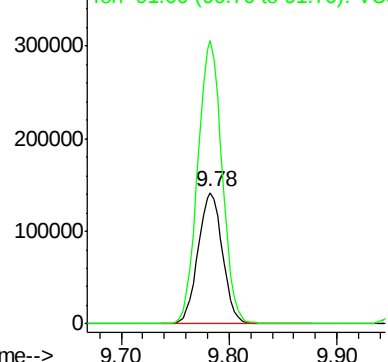


#69  
o-Xylene  
Concen: 47.49 ug/l  
RT: 9.78 min Scan# 2859  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion:106 Resp: 223782  
Ion Ratio Lower Upper  
106 100  
91 214.4 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

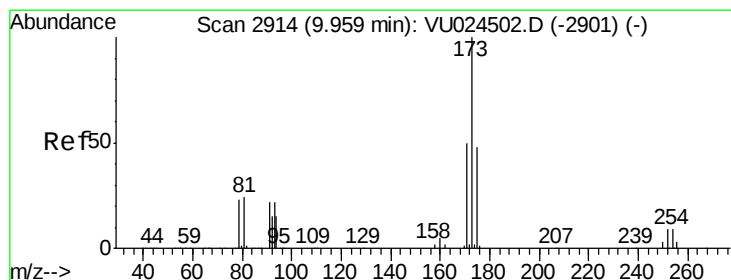
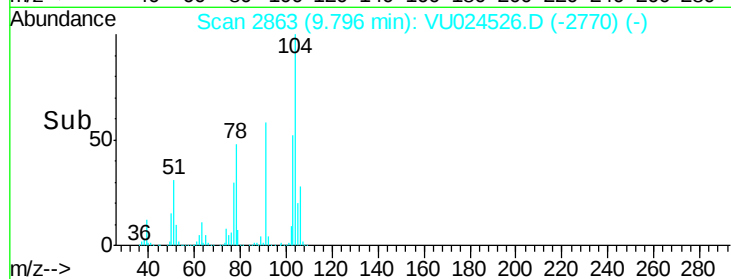
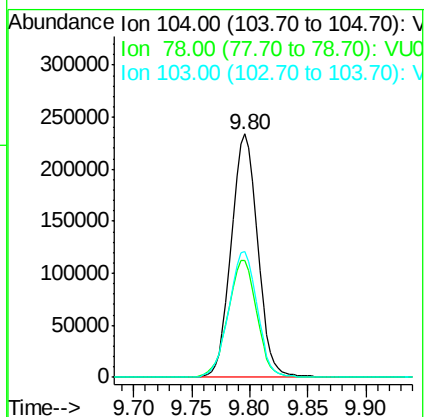
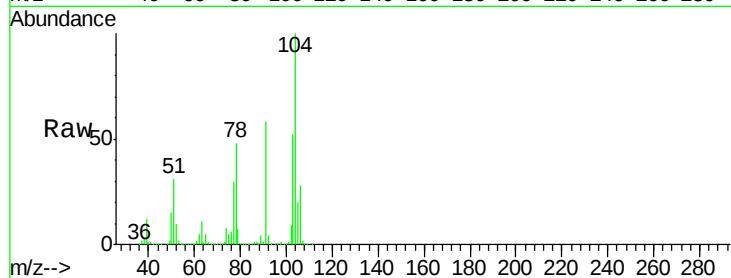




#70  
Styrene  
Concen: 47.63 ug/l  
RT: 9.80 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

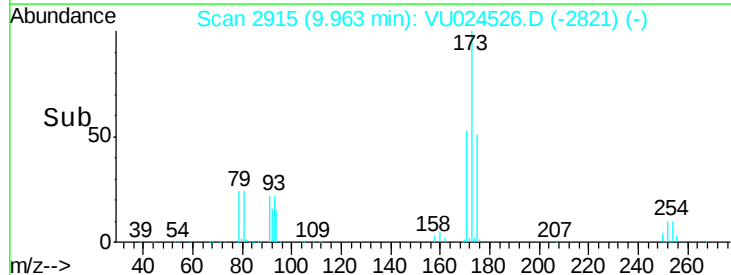
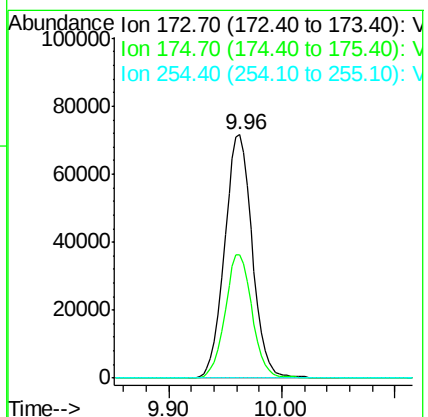
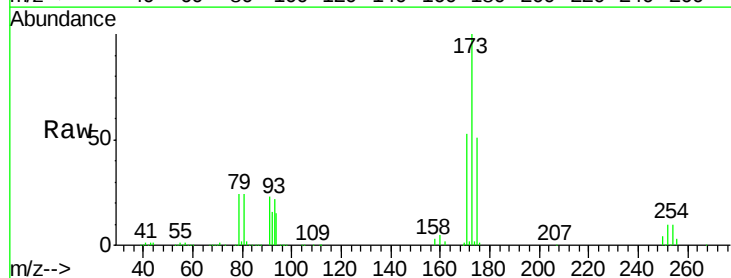
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

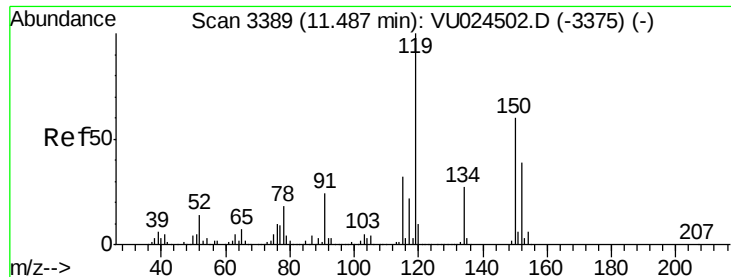
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.3  | 40.6  | 60.8  |
| 103     | 55.8  | 44.7  | 67.1  |



#71  
Bromoform  
Concen: 47.46 ug/l  
RT: 9.96 min Scan# 2915  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.7  | 24.6  | 74.0  |
| 254     | 0.0   | 0.0   | 0.0#  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

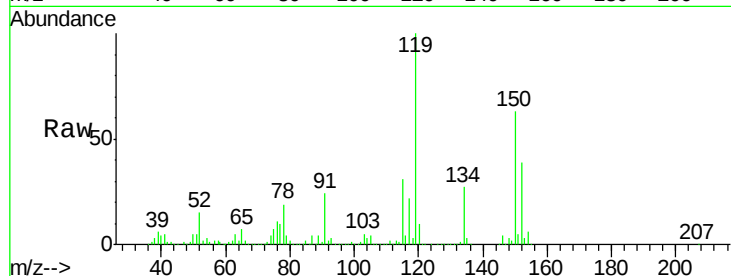
Tgt Ion:152 Resp: 164225

Ion Ratio Lower Upper

152 100

115 84.7 43.0 129.0

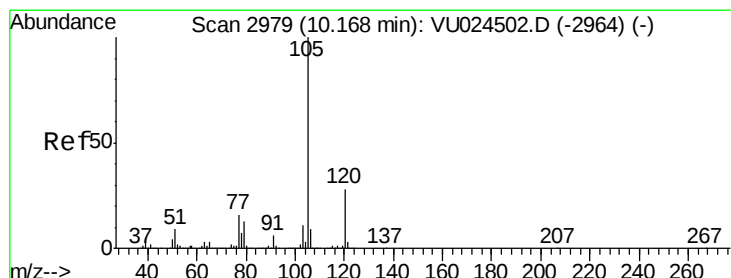
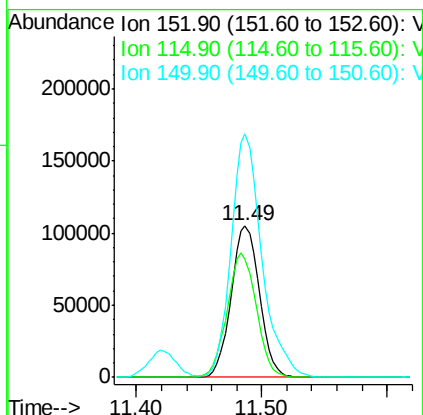
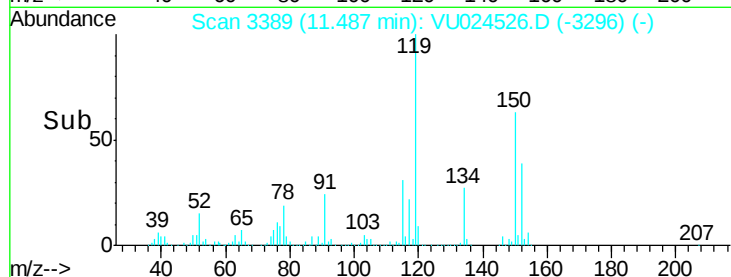
150 174.2 0.0 354.0



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: 47.06 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024526.D

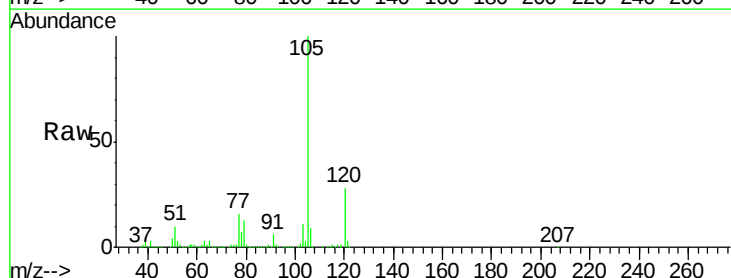
Acq: 13 Jun 2018 22:54

Tgt Ion:105 Resp: 593361

Ion Ratio Lower Upper

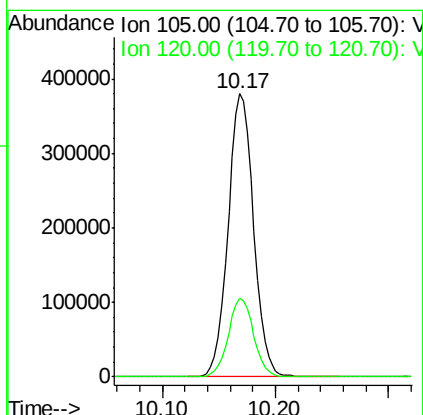
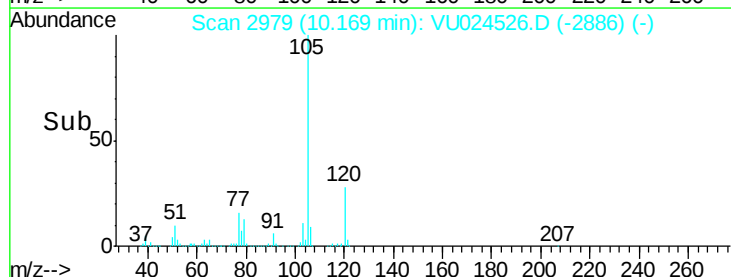
105 100

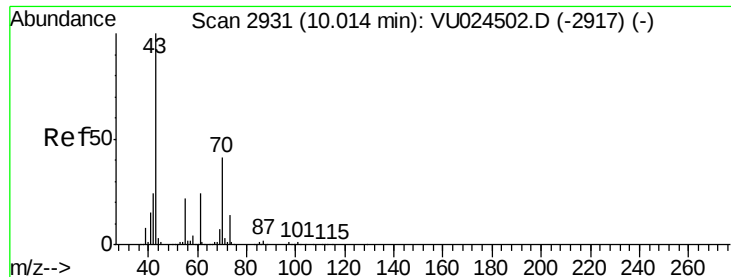
120 27.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 45.74 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 274284

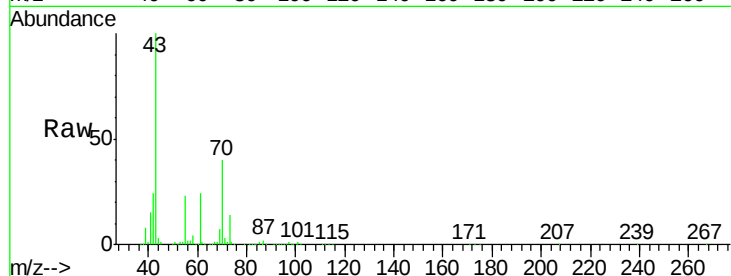
Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.4

55 22.5 20.5 30.7

61 24.0 18.7 28.1

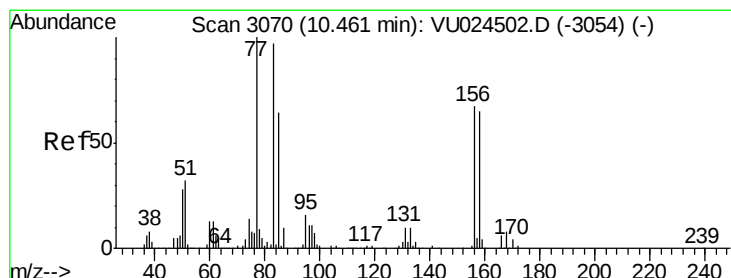
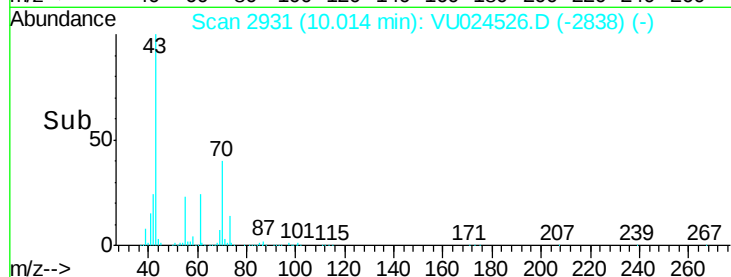
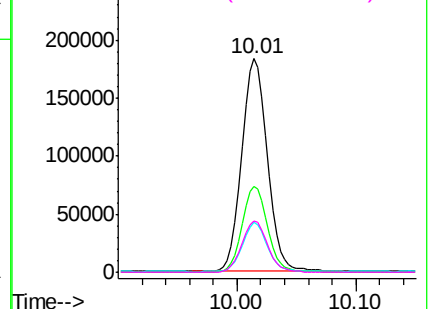


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-2917) (-)

Ion 70.00 (69.70 to 70.70): VU024502.D (-2917) (-)

Ion 55.00 (54.70 to 55.70): VU024502.D (-2917) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-2917) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 48.69 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

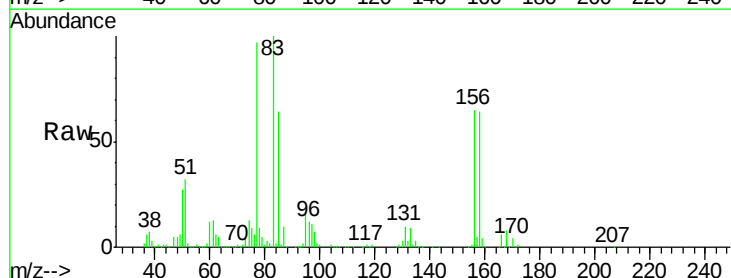
Tgt Ion: 83 Resp: 205727

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

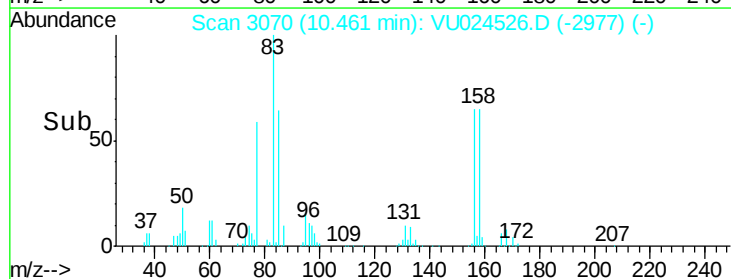
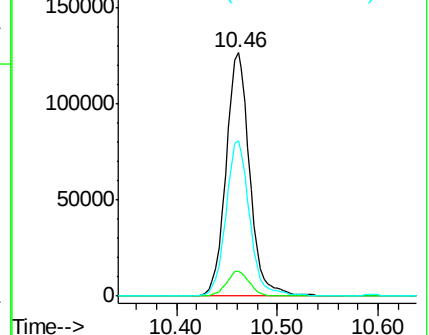
85 64.3 32.5 97.5

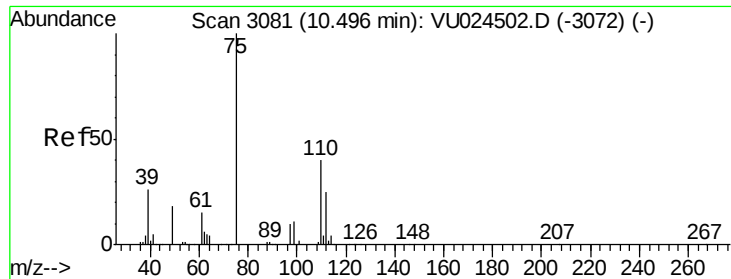


Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-3054) (-)

Ion 130.80 (130.50 to 131.50): VU024502.D (-3054) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-3054) (-)

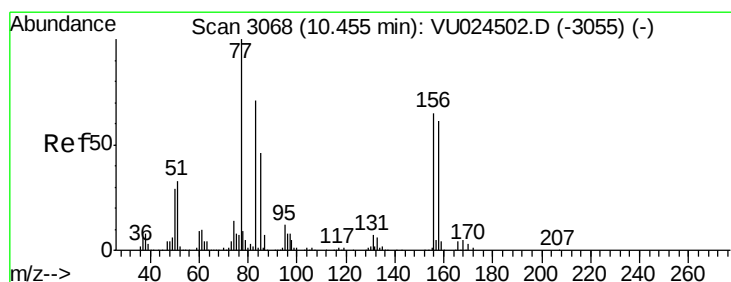
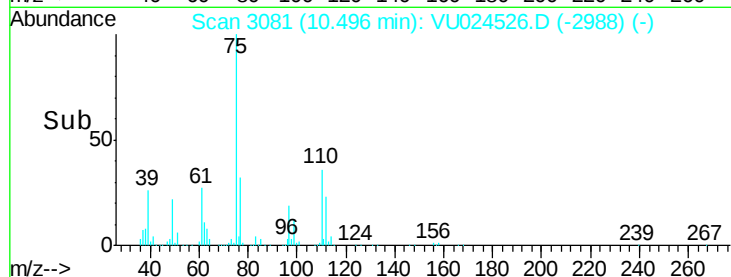
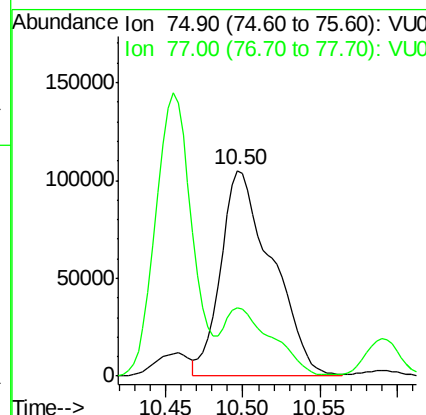
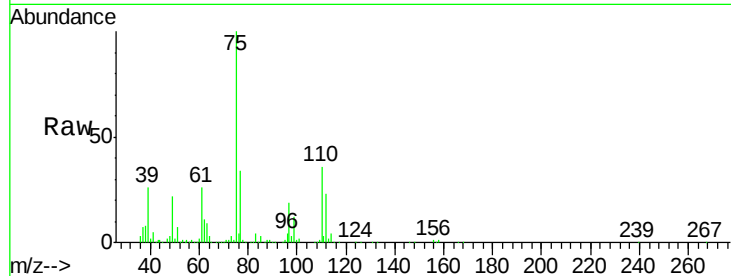




#76  
 1,2,3-Trichloropropane  
 Concen: 66.73 ug/l  
 RT: 10.50 min Scan# 3081  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

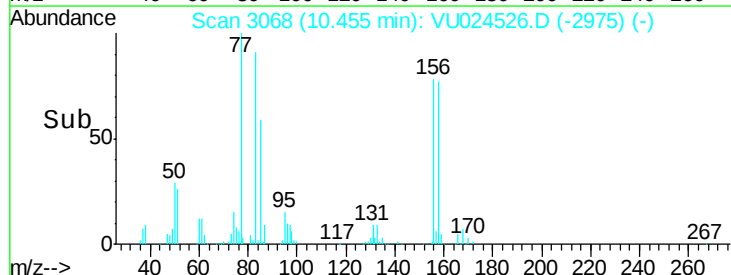
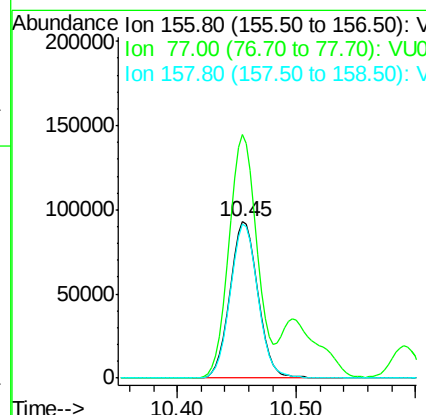
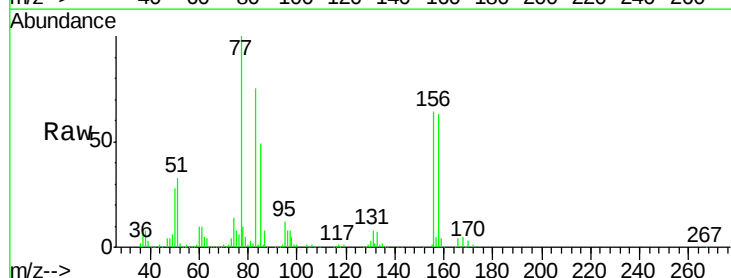
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

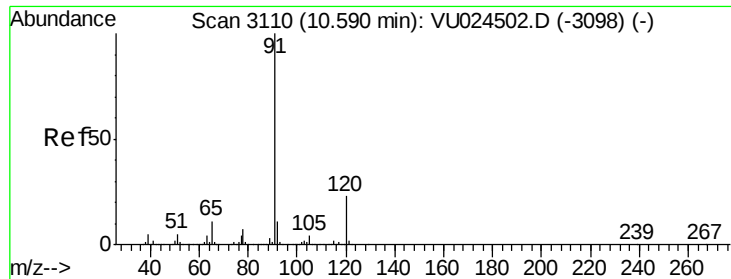
Tgt Ion: 75 Resp: 241287  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 20.9 62.7



#77  
 Bromobenzene  
 Concen: 47.36 ug/l  
 RT: 10.45 min Scan# 3068  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 156 Resp: 151185  
 Ion Ratio Lower Upper  
 156 100  
 77 155.4 80.5 241.3  
 158 97.7 48.2 144.6

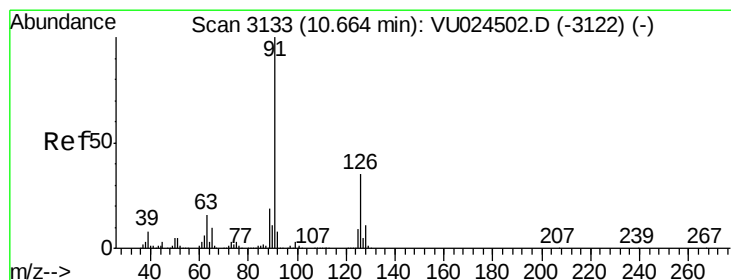
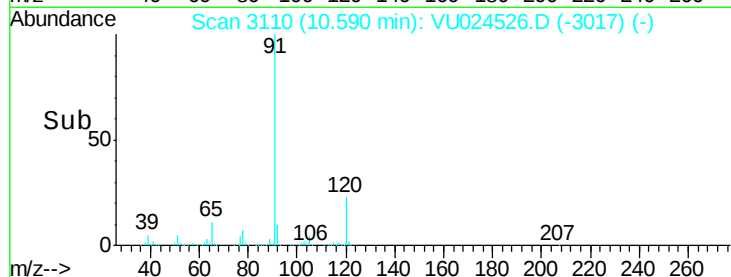
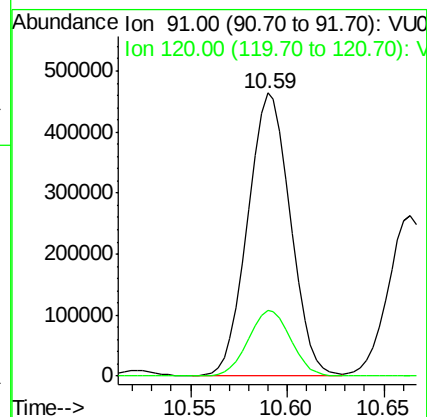
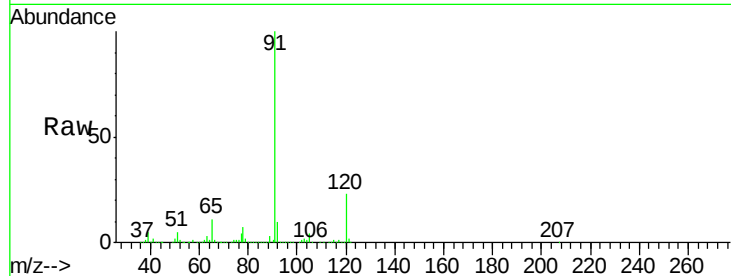




#78  
n-propylbenzene  
Concen: 48.00 ug/l  
RT: 10.59 min Scan# 3110  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

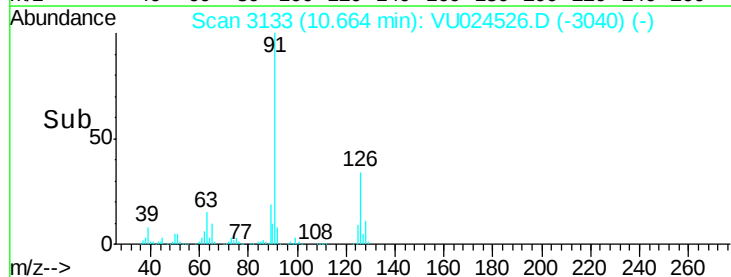
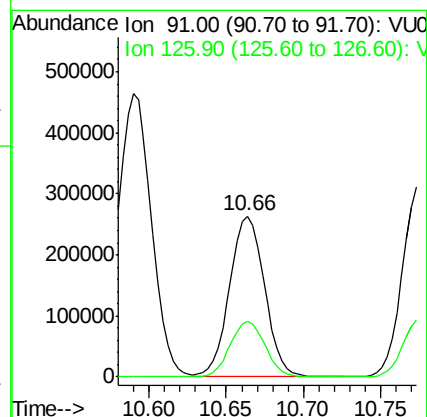
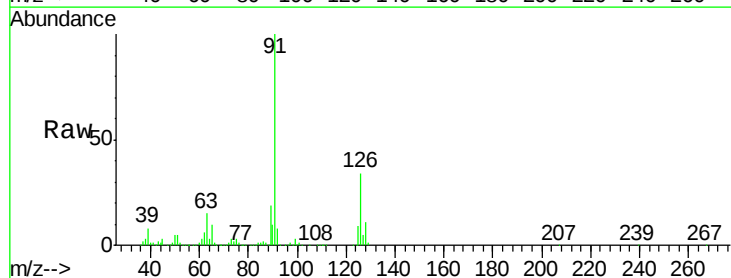
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

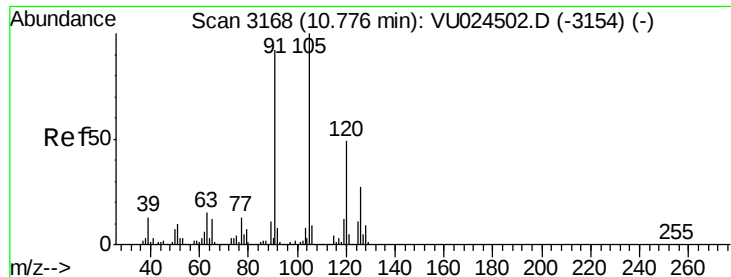
Tgt Ion: 91 Resp: 712952  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.2 33.5



#79  
2-Chlorotoluene  
Concen: 47.32 ug/l  
RT: 10.66 min Scan# 3133  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion: 91 Resp: 414475  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.9 50.7

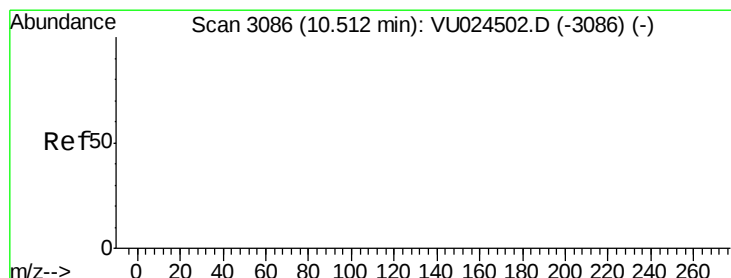
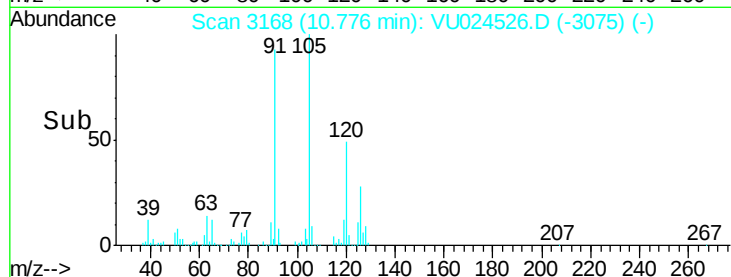
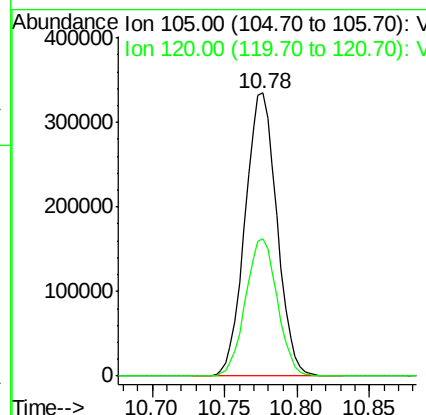
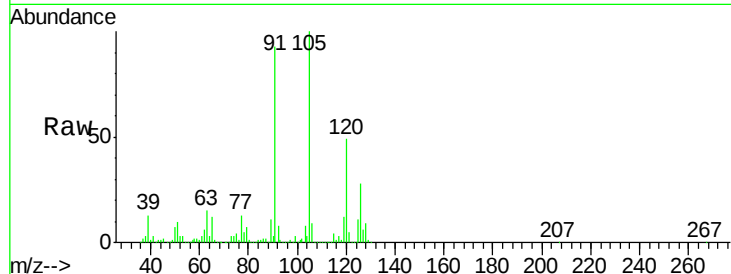




#80  
 1,3,5-Trimethylbenzene  
 Concen: 46.79 ug/l  
 RT: 10.78 min Scan# 3168  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

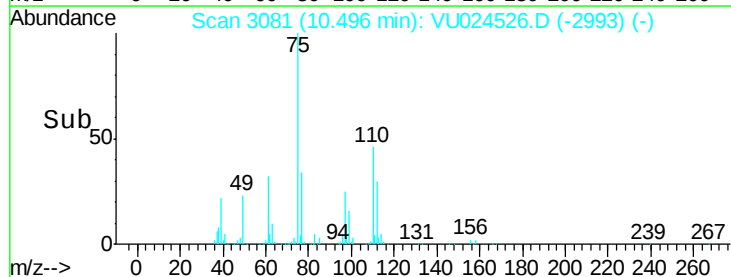
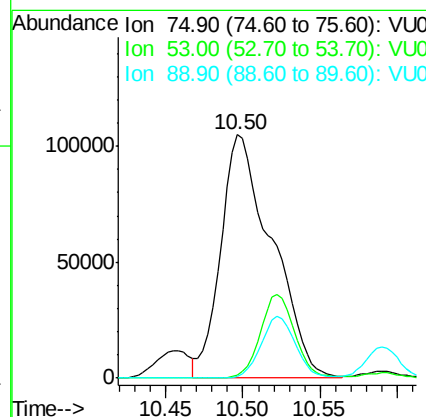
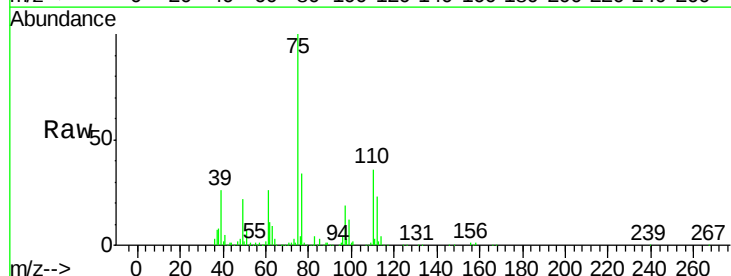
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

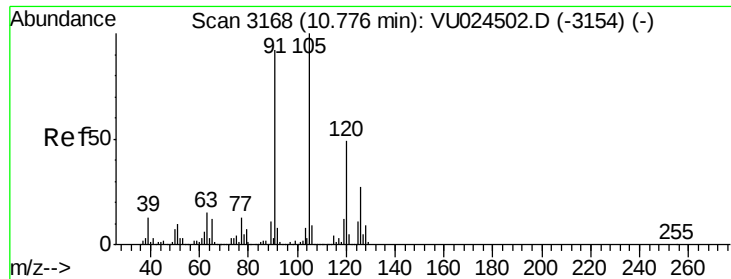
Tgt Ion:105 Resp: 511289  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.1 72.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 154.45 ug/l  
 RT: 10.50 min Scan# 3081  
 Delta R.T. -0.02 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 75 Resp: 241287  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 0.0 0.0  
 89 0.0 0.0 0.0

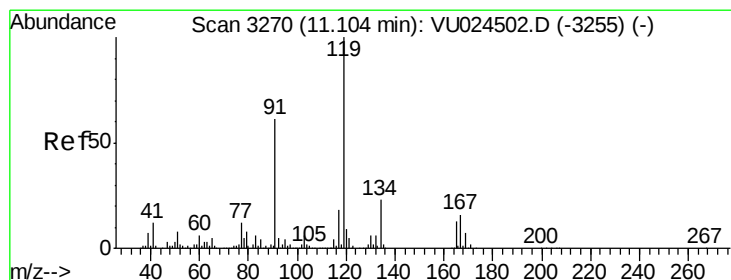
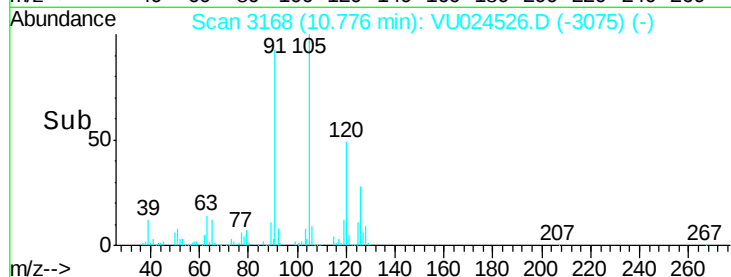
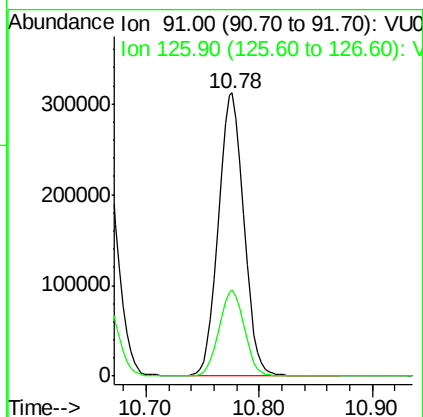
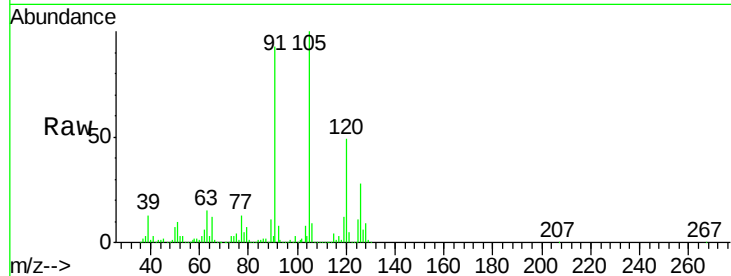




#82  
4-Chlorotoluene  
Concen: 47.68 ug/l  
RT: 10.78 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

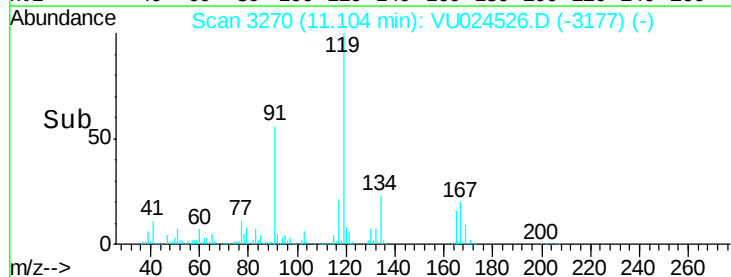
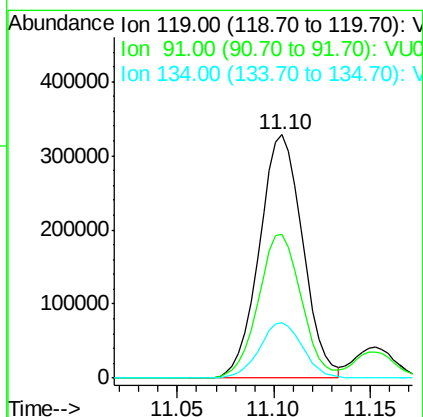
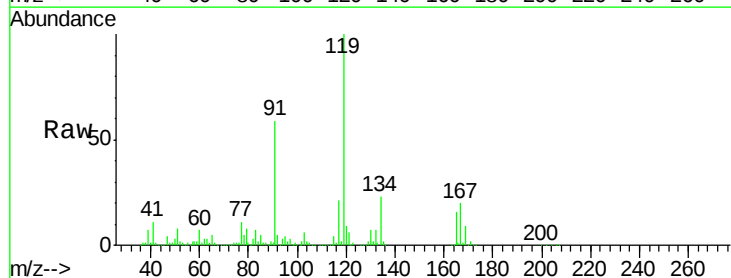
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

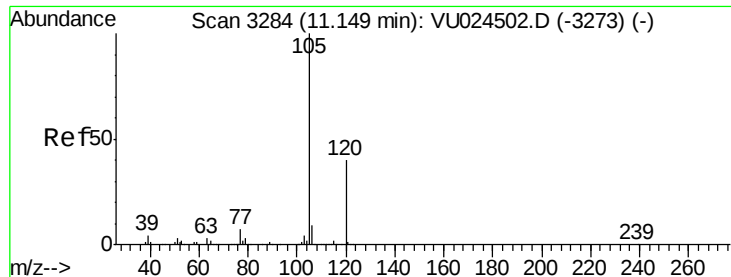
Tgt Ion: 91 Resp: 486104  
Ion Ratio Lower Upper  
91 100  
126 30.3 14.9 44.9



#83  
tert-Butylbenzene  
Concen: 48.61 ug/l  
RT: 11.10 min Scan# 3270  
Delta R.T. 0.00 min  
Lab File: VU024526.D  
Acq: 13 Jun 2018 22:54

Tgt Ion: 119 Resp: 510983  
Ion Ratio Lower Upper  
119 100  
91 58.4 29.7 89.1  
134 22.6 11.6 34.7

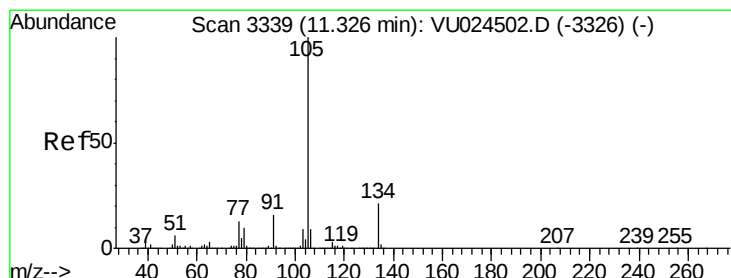
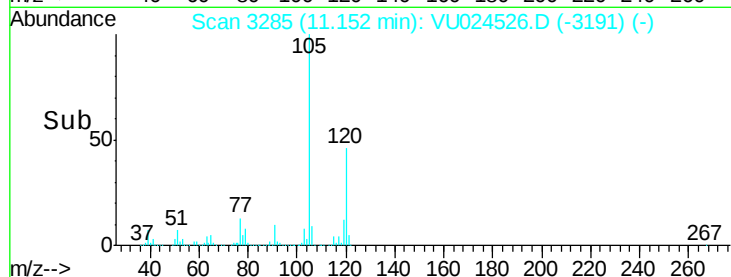
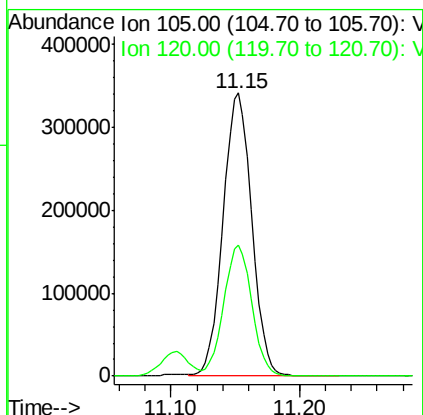
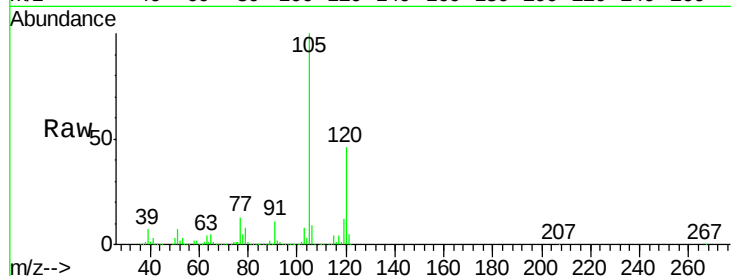




#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.21 ug/l  
 RT: 11.15 min Scan# 3285  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

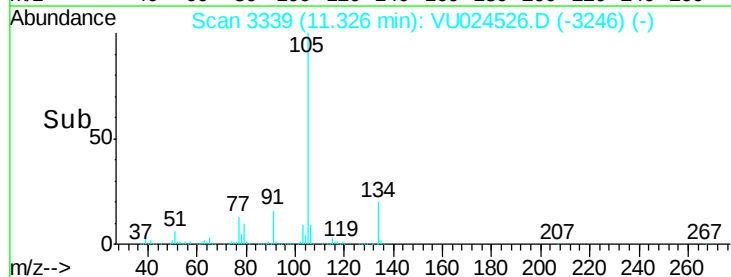
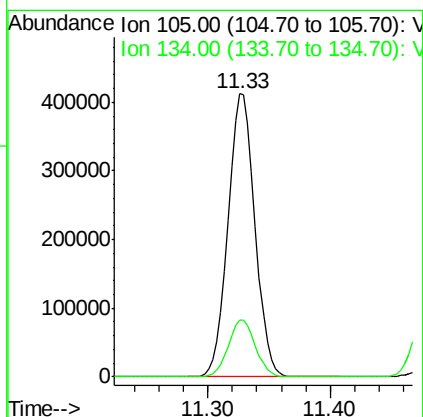
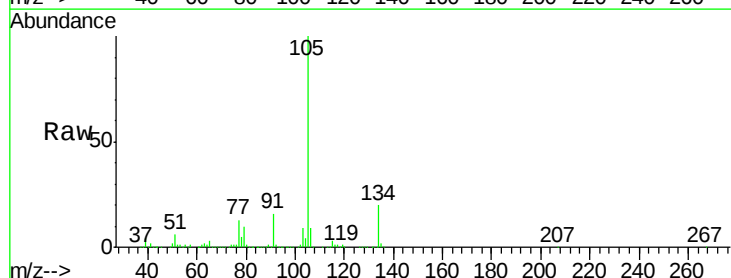
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

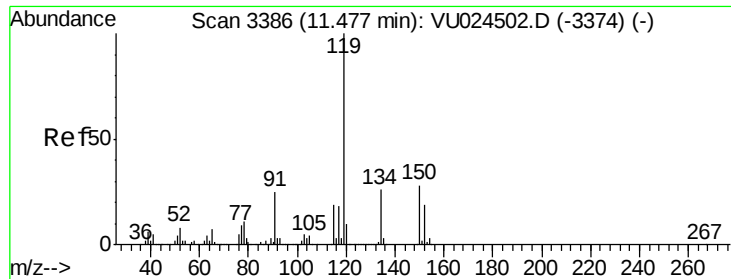
Tgt Ion:105 Resp: 525814  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.6 67.8



#85  
 sec-Butylbenzene  
 Concen: 48.17 ug/l  
 RT: 11.33 min Scan# 3339  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion:105 Resp: 633875  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 9.7 29.1

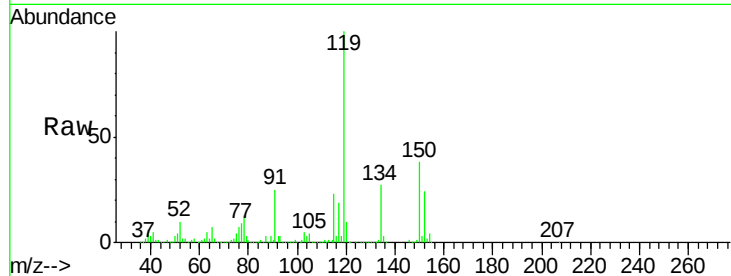




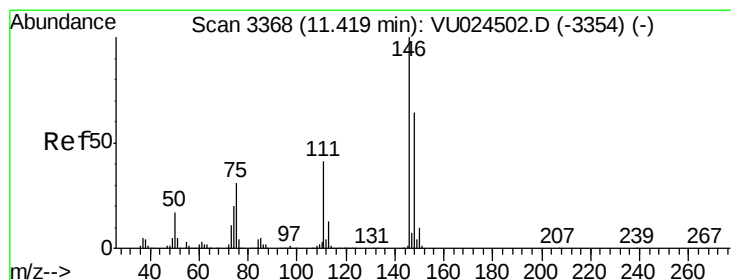
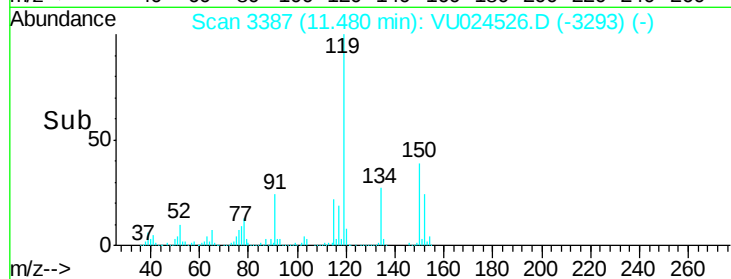
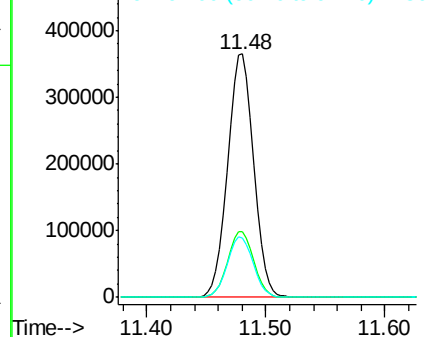
#86  
 p-Isopropyltoluene  
 Concen: 46.71 ug/l  
 RT: 11.48 min Scan# 3387  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.1  | 12.9  | 38.6  |
| 91      | 24.8  | 12.0  | 36.1  |

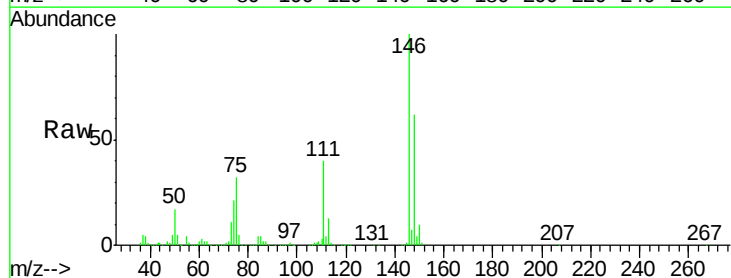


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 134.00 (133.70 to 134.70): V  
 Ion 91.00 (90.70 to 91.70): V

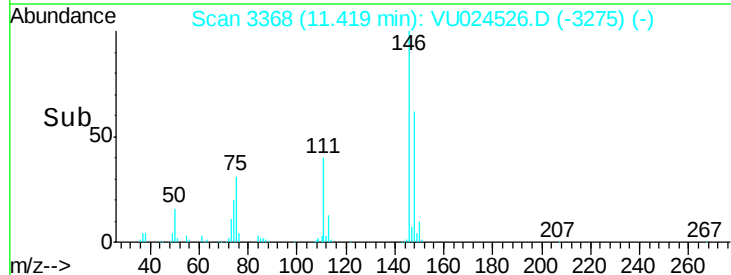
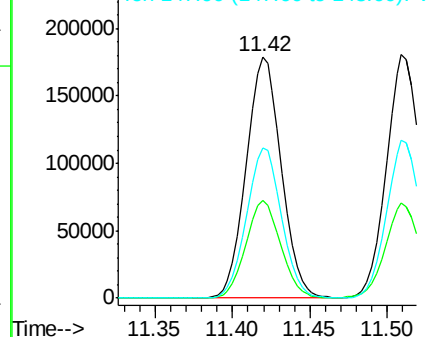


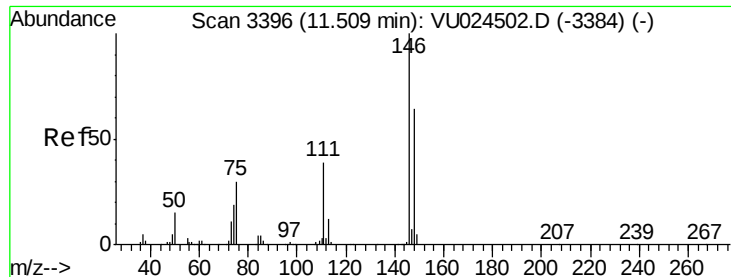
#87  
 1,3-Dichlorobenzene  
 Concen: 47.86 ug/l  
 RT: 11.42 min Scan# 3368  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 20.0  | 60.0  |
| 148     | 62.2  | 32.1  | 96.5  |



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

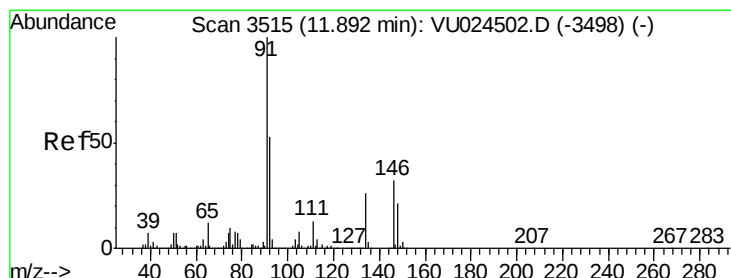
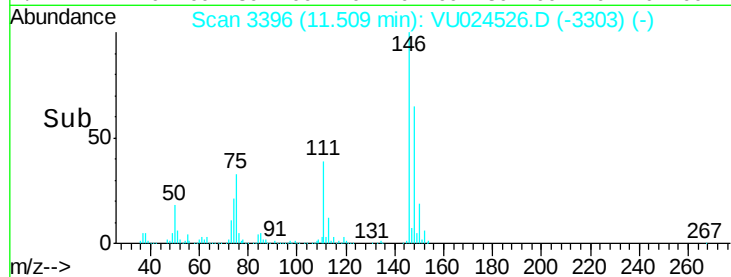
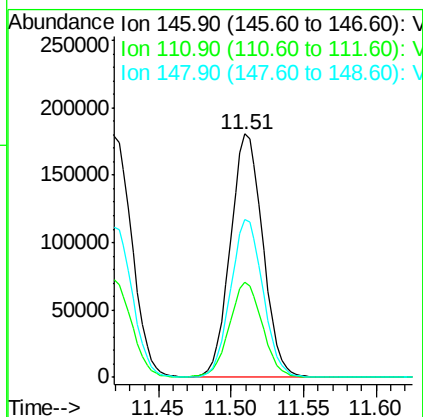
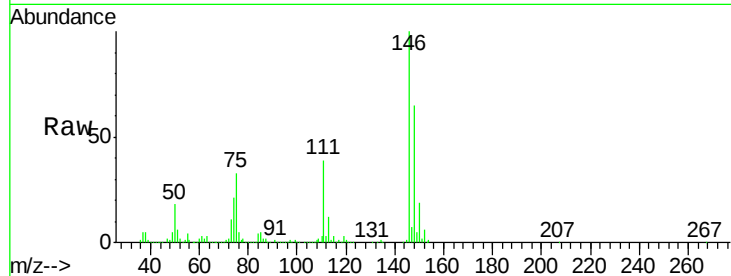




#88  
 1,4-Dichlorobenzene  
 Concen: 47.28 ug/l  
 RT: 11.51 min Scan# 3396  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

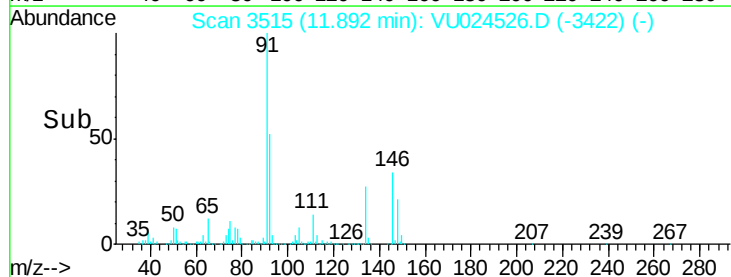
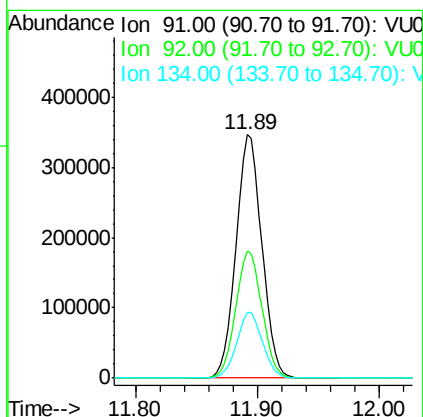
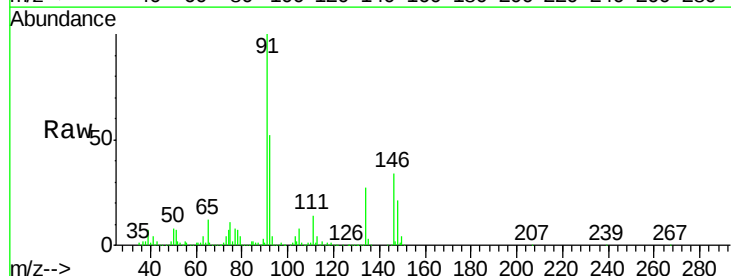
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

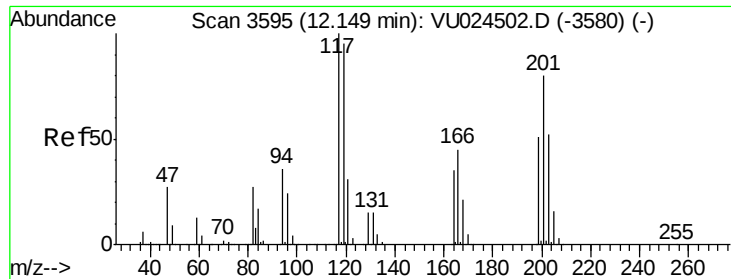
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 19.5  | 58.5  |
| 148     | 64.5  | 32.4  | 97.0  |



#89  
 n-Butylbenzene  
 Concen: 48.53 ug/l  
 RT: 11.89 min Scan# 3515  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 25.6  | 76.8  |
| 134     | 27.0  | 12.3  | 36.8  |





#90

Hexachloroethane

Concen: 47.99 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

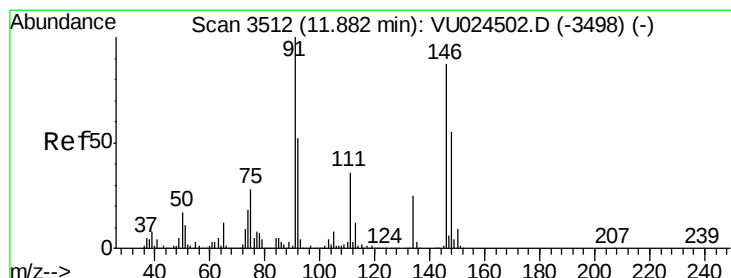
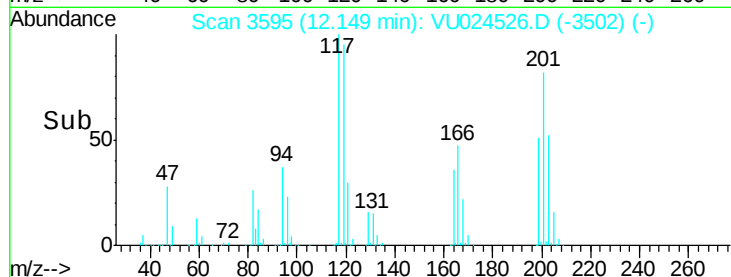
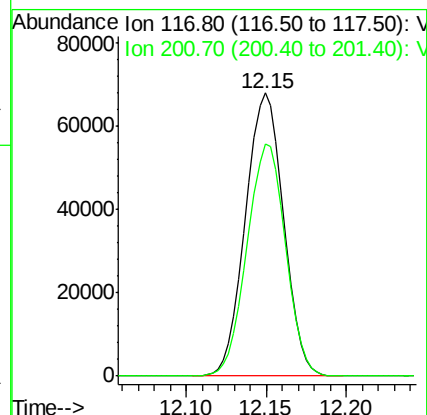
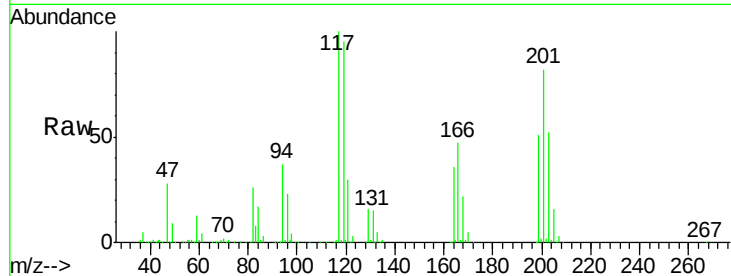
VSTDCCC050

Tgt Ion:117 Resp: 110326

Ion Ratio Lower Upper

117 100

201 83.0 41.1 123.3



#91

1,2-Dichlorobenzene

Concen: 46.84 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

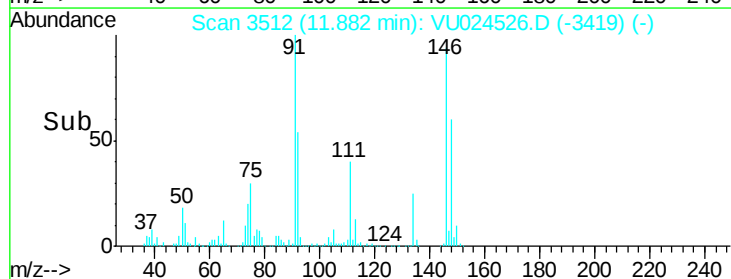
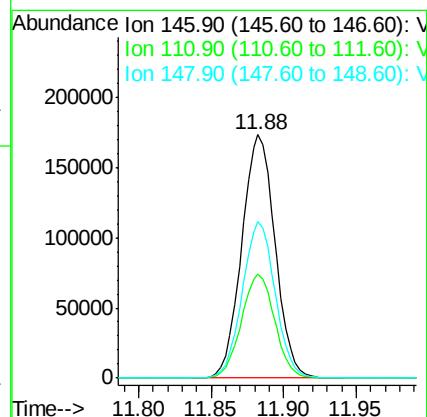
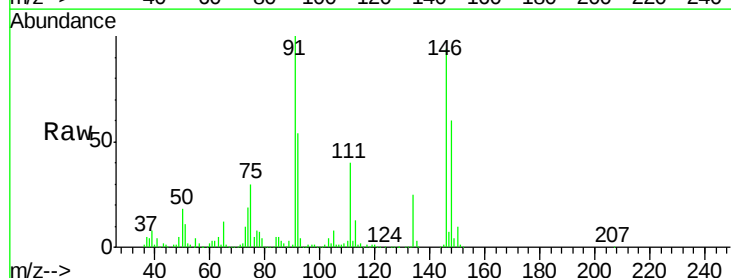
Tgt Ion:146 Resp: 276652

Ion Ratio Lower Upper

146 100

111 42.8 20.5 61.6

148 63.5 31.9 95.7

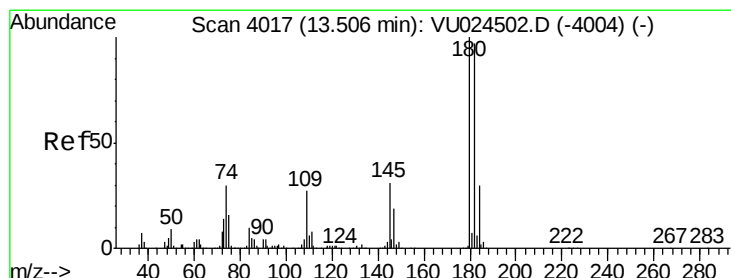
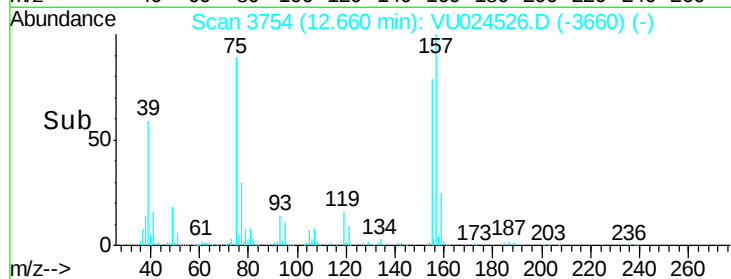
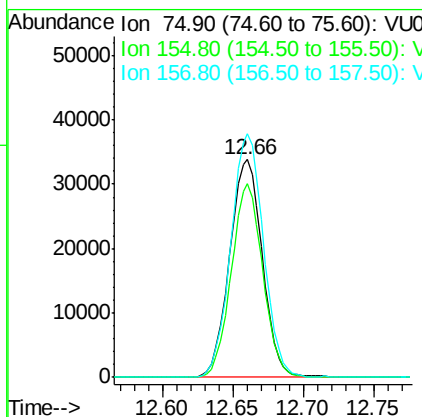
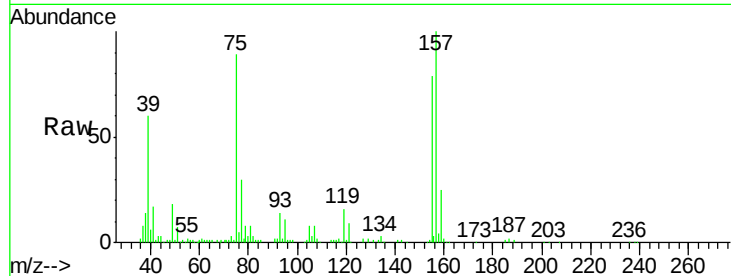




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.18 ug/l  
 RT: 12.66 min Scan# 3754  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

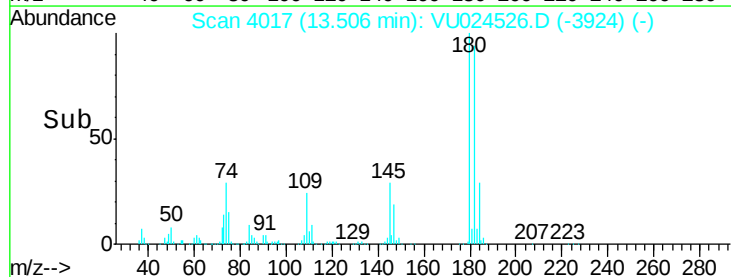
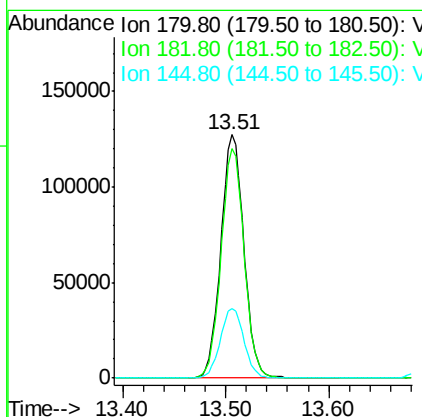
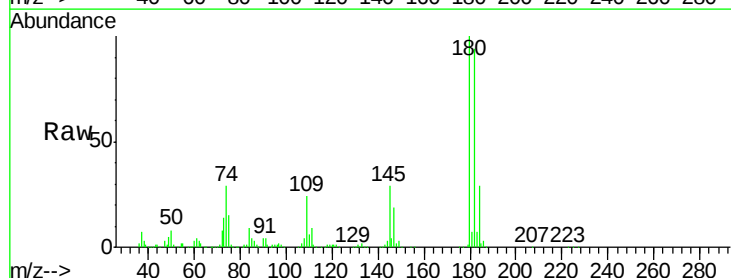
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

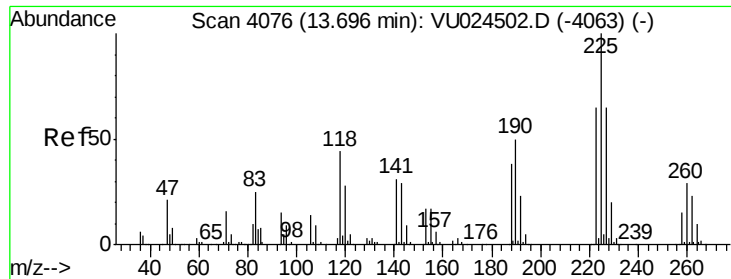
Tgt Ion: 75 Resp: 55002  
 Ion Ratio Lower Upper  
 75 100  
 155 85.2 40.4 121.2  
 157 111.2 52.3 156.8



#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.25 ug/l  
 RT: 13.51 min Scan# 4017  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Tgt Ion: 180 Resp: 197874  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 48.0 144.2  
 145 29.5 14.7 44.1





#94

Hexachlorobutadiene

Concen: 47.05 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

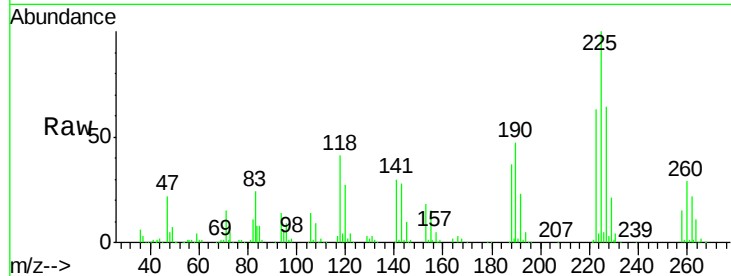
Tgt Ion:225 Resp: 96596

Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.8

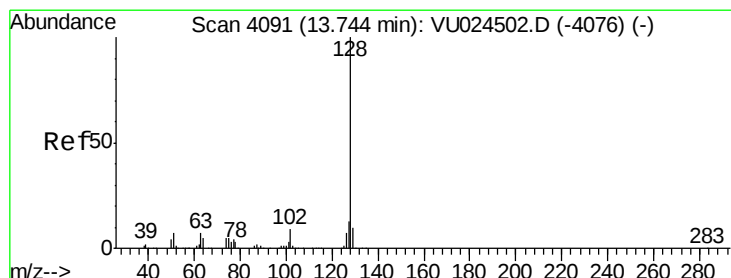
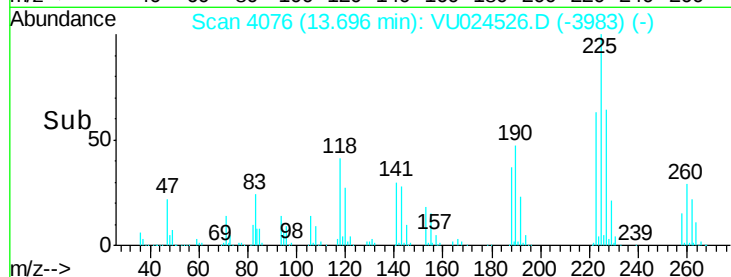
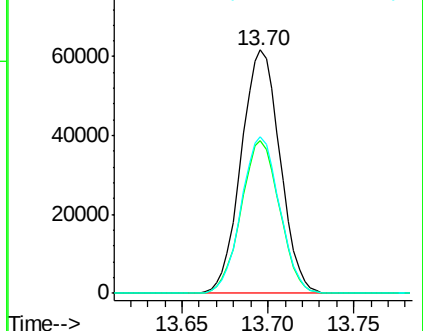
227 63.5 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.72 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024526.D

Acq: 13 Jun 2018 22:54

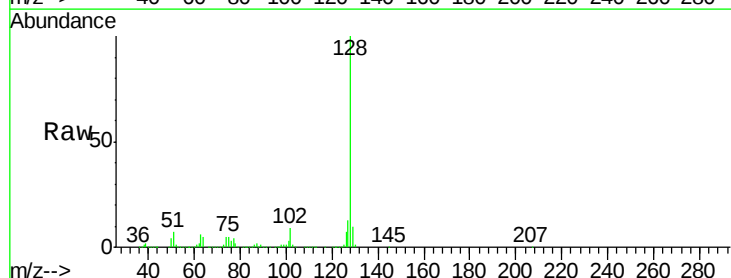
Tgt Ion:128 Resp: 600287

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

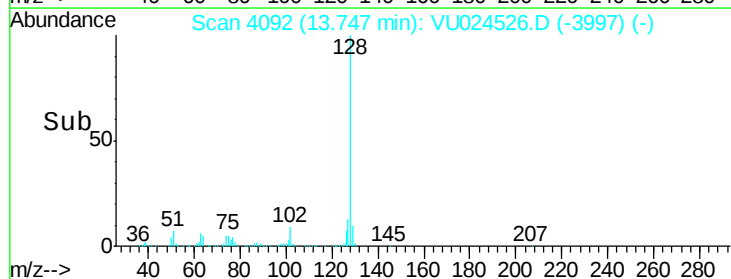
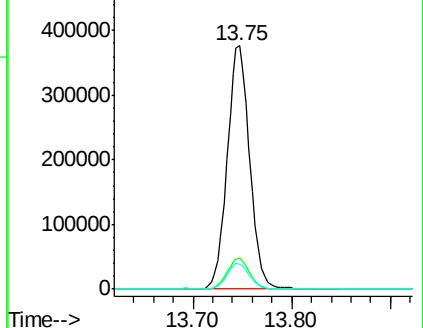
129 10.5 8.6 12.8

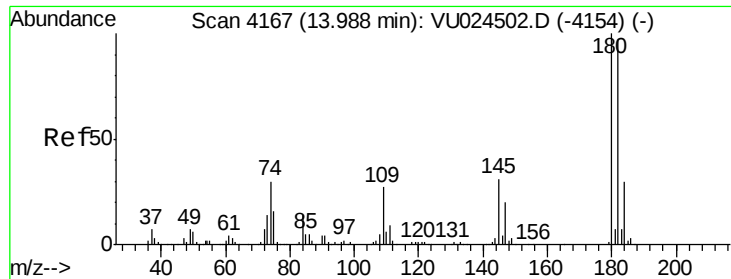


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

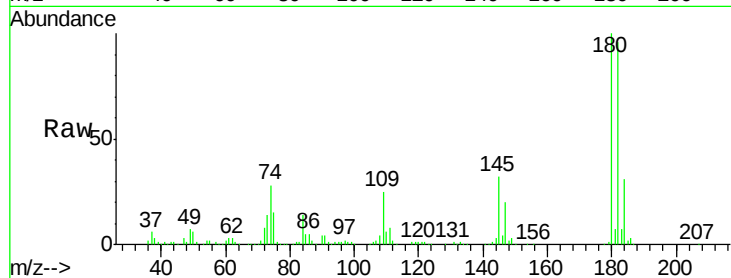




#96  
 1,2,3-Trichlorobenzene  
 Concen: 53.91 ug/l  
 RT: 13.99 min Scan# 4168  
 Delta R.T. 0.00 min  
 Lab File: VU024526.D  
 Acq: 13 Jun 2018 22:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 47.9  | 143.7 |
| 145     | 31.8  | 15.4  | 46.1  |



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

