

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071118\  
 Data File : VU025306.D  
 Acq On : 11 Jul 2018 10:40  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 12 03:08:07 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 10 09:34:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 182953   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 269770   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 256520   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 157180   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 118190   | 41.58 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.16% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 97448    | 42.82 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.64% |          |
| 50) Toluene-d8              | 7.57  | 98   | 326106   | 41.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.70% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 135399   | 43.16 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.32% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 85751    | 45.29  | ug/l  | 97     |
| 3) Chloromethane              | 1.33 | 50   | 84034    | 44.61  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.40 | 62   | 92866    | 44.63  | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 59727    | 56.98  | ug/l  | 100    |
| 6) Chloroethane               | 1.69 | 64   | 61662    | 46.62  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.89 | 101  | 153441   | 46.92  | ug/l  | 100    |
| 8) Diethyl Ether              | 2.10 | 74   | 58758    | 47.88  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101  | 92767    | 45.78  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.41 | 142  | 79900    | 37.50  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 2.82 | 59   | 131796   | 212.55 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.28 | 96   | 81899    | 44.16  | ug/l  | 96     |
| 13) Acrolein                  | 2.19 | 56   | 53931    | 131.47 | ug/l  | 99     |
| 14) Allyl chloride            | 2.59 | 41   | 148973   | 44.29  | ug/l  | 99     |
| 15) Acrylonitrile             | 2.93 | 53   | 290894   | 228.18 | ug/l  | 100    |
| 16) Acetone                   | 2.32 | 43   | 351344   | 242.38 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.48 | 76   | 224262   | 41.71  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.61 | 43   | 141850   | 48.74  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 348751   | 49.44  | ug/l  | 97     |
| 20) Methylene Chloride        | 2.70 | 84   | 105264   | 47.90  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 94802    | 44.73  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.57 | 45   | 330386   | 48.10  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.53 | 43   | 1444485  | 239.73 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.45 | 63   | 189664   | 48.96  | ug/l  | 99     |
| 25) 2-Butanone                | 4.26 | 43   | 454564   | 230.73 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.23 | 77   | 177777   | 47.73  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96   | 113307   | 46.21  | ug/l  | 98     |
| 28) Bromochloromethane        | 4.55 | 49   | 81793    | 43.73  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 4.63 | 42   | 267237   | 226.14 | ug/l  | 99     |
| 30) Chloroform                | 4.68 | 83   | 199421   | 48.61  | ug/l  | 98     |
| 31) Cyclohexane               | 5.00 | 56   | 163537   | 45.62  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97   | 181966   | 48.94  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.14 | 75   | 138402   | 46.15  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.38 | 43   | 158833   | 47.49  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.14 | 117  | 161492   | 50.03  | ug/l  | 97     |

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

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 12 03:08:07 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070918W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 10 09:34:16 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 173374   | 46.35  | ug/l   | 97       |
| 40) Benzene                    | 5.39  | 78   | 412209   | 47.69  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.54  | 41   | 88723    | 47.84  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 5.41  | 62   | 167097   | 48.64  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 256420   | 47.87  | ug/l   | 100      |
| 44) Trichloroethene            | 6.19  | 130  | 116383   | 46.90  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.44  | 63   | 109907   | 48.55  | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 78178    | 47.46  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 155259   | 50.73  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 127780   | 47.85  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 55213    | 859.34 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 816726   | 234.60 | ug/l   | 100      |
| 52) Toluene                    | 7.64  | 92   | 268559   | 48.84  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 169879   | 50.52  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 178765   | 49.95  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 113429   | 49.53  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 175513   | 49.07  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.25  | 76   | 187058   | 49.20  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 324109   | 202.14 | ug/l   | 100      |
| 59) 2-Hexanone                 | 8.36  | 43   | 642578   | 227.56 | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.48  | 129  | 129842   | 52.50  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 121213   | 49.47  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.23  | 164  | 114058   | 48.78  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.12  | 112  | 309958   | 48.37  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 117277   | 51.16  | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.25  | 91   | 529806   | 48.50  | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.38  | 106  | 415977   | 98.49  | ug/l   | 99       |
| 69) o-Xylene                   | 9.78  | 106  | 204601   | 48.39  | ug/l   | 96       |
| 70) Styrene                    | 9.80  | 104  | 334545   | 49.81  | ug/l   | 100      |
| 71) Bromoform                  | 9.96  | 173  | 99941    | 45.55  | ug/l # | 98       |
| 73) Isopropylbenzene           | 10.17 | 105  | 559969   | 46.63  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 229901   | 46.85  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 179618   | 45.72  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.50 | 75   | 212727   | 65.26  | ug/l   | 83       |
| 77) Bromobenzene               | 10.45 | 156  | 142090   | 46.25  | ug/l   | 98       |
| 78) n-propylbenzene            | 10.59 | 91   | 640852   | 48.09  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 381056   | 49.80  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.78 | 105  | 482866   | 47.78  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.50 | 75   | 212727   | 169.88 | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.78 | 91   | 446609   | 47.33  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 481085   | 47.11  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 486974   | 47.02  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.33 | 105  | 588942   | 48.98  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 519515   | 48.80  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 264301   | 47.07  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 264371   | 48.26  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 438823   | 50.14  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.15 | 117  | 87282    | 48.42  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 265529   | 46.82  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 44593    | 46.80  | ug/l   | 100      |

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Acq On : 11 Jul 2018 10:40  
Operator : MD/SY  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 2 Sample Multiplier: 1

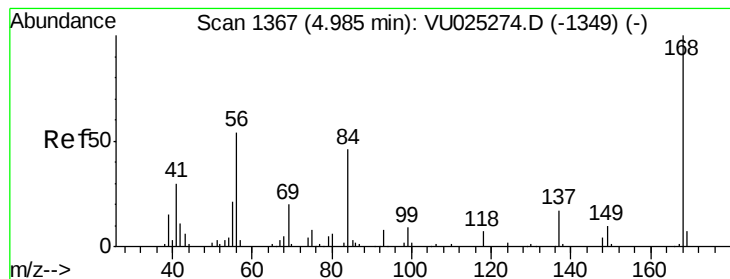
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 12 03:08:07 2018  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070918W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 10 09:34:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.51 | 180  | 174056   | 46.11 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.70 | 225  | 95443    | 47.06 | ug/l  | 100      |
| 95) Naphthalene            | 13.75 | 128  | 523457   | 45.58 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 178427   | 46.47 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

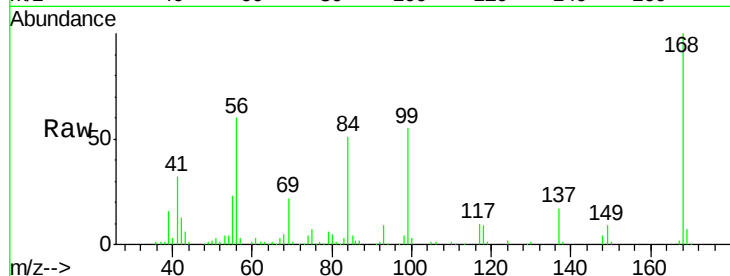
VSTDCCC050

Tot Ion:168 Resp: 182953

Ion Ratio Lower Upper

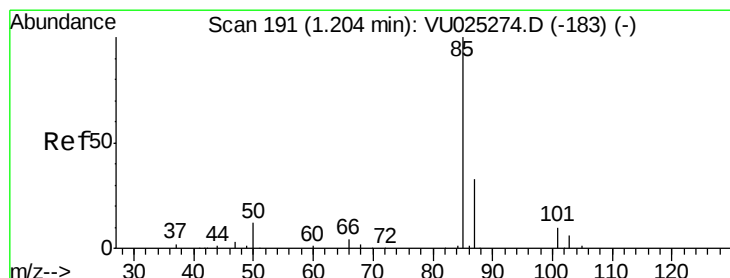
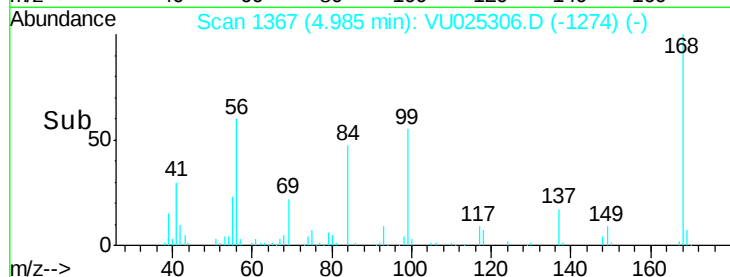
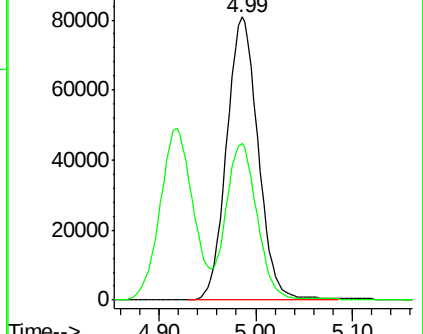
168 100

99 54.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 45.29 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025306.D

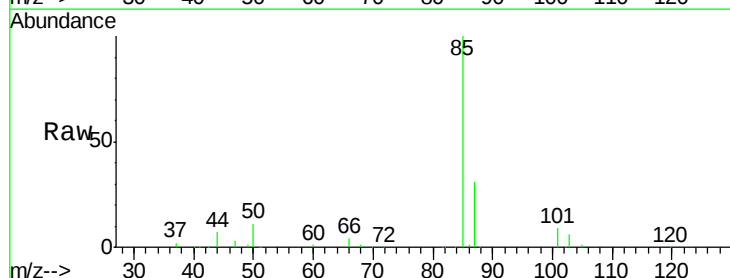
Acq: 11 Jul 2018 10:40

Tgt Ion: 85 Resp: 85751

Ion Ratio Lower Upper

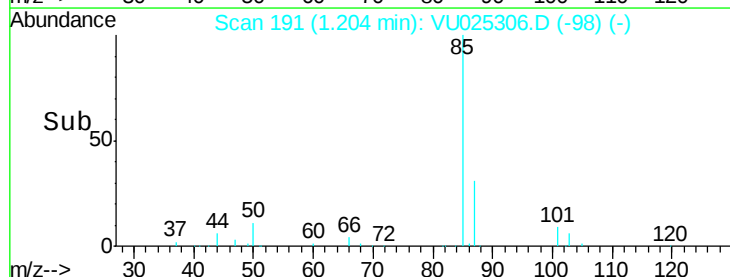
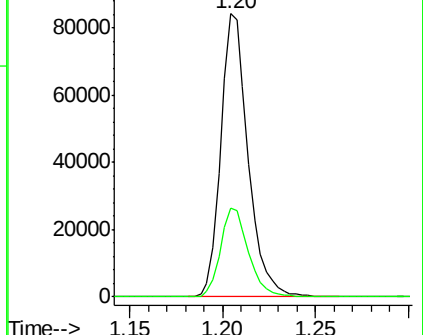
85 100

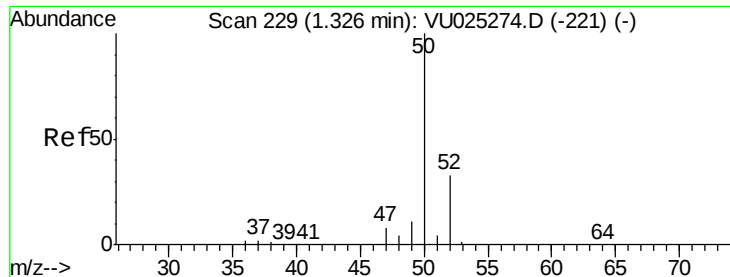
87 31.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025274.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025274.D (-183) (-)

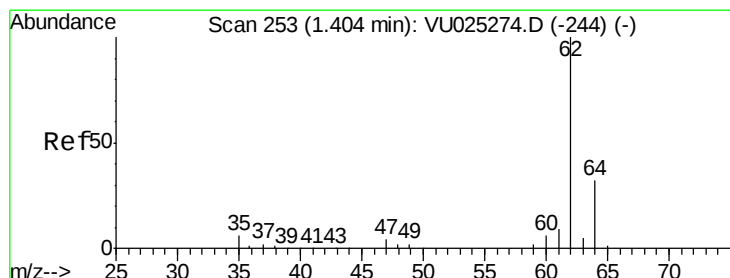
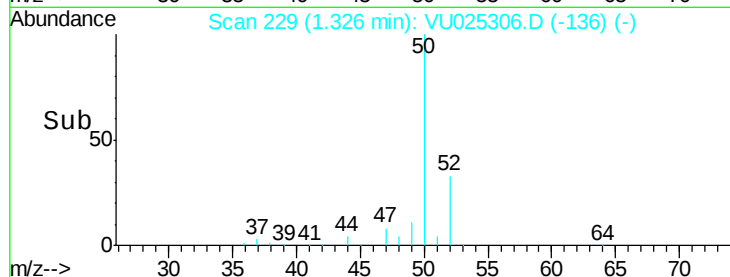
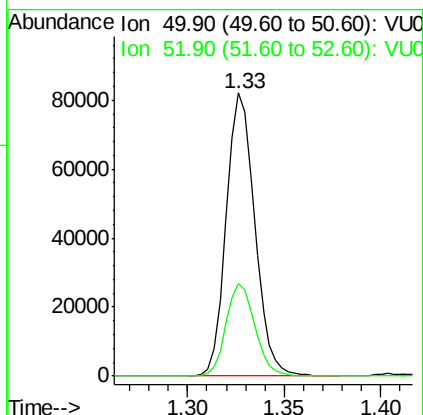
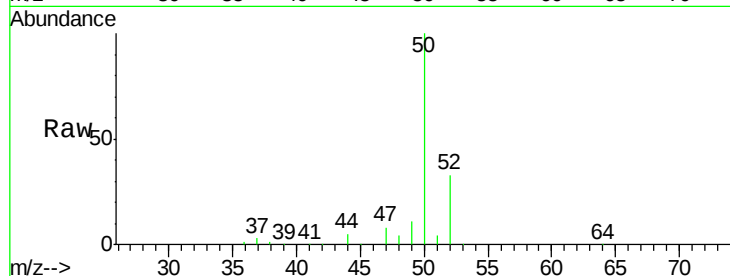




#3  
Chloromethane  
Concen: 44.61 ug/l  
RT: 1.33 min Scan# 229  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

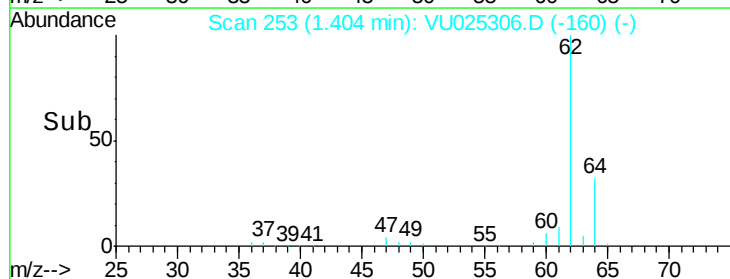
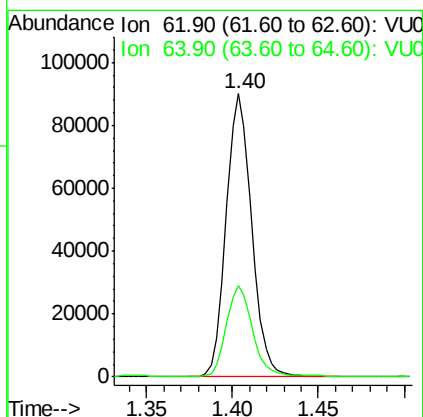
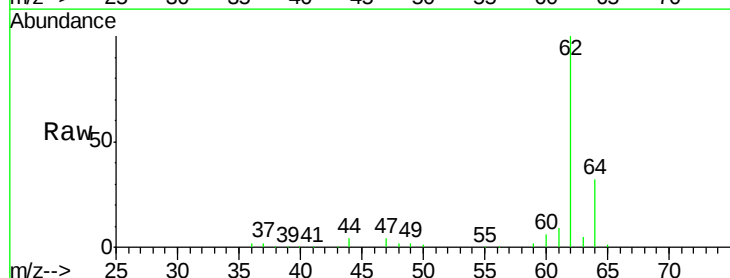
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

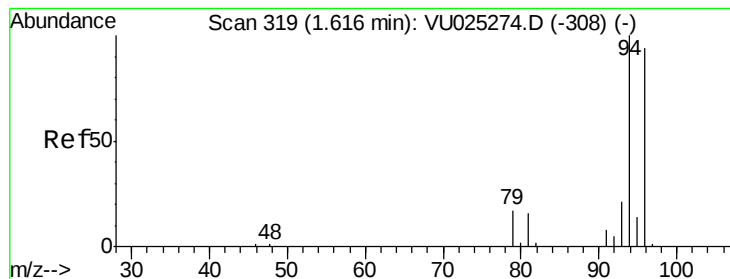
Tot Ion: 50 Resp: 84034  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.5 39.7



#4  
Vinyl Chloride  
Concen: 44.63 ug/l  
RT: 1.40 min Scan# 253  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 62 Resp: 92866  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 56.98 ug/l

RT: 1.62 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

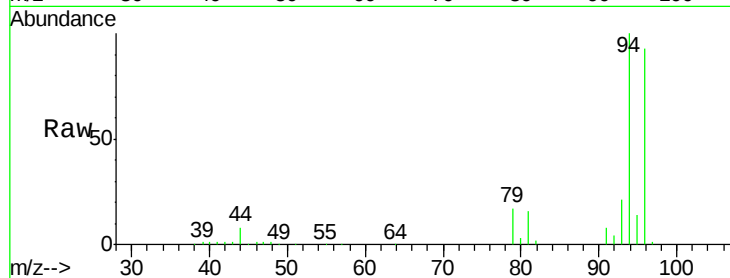
VSTDCCC050

Tot Ion: 94 Resp: 59727

Ion Ratio Lower Upper

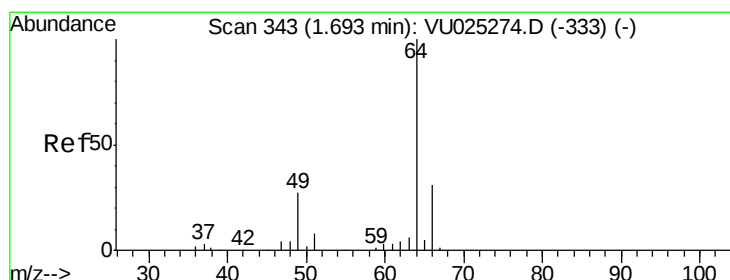
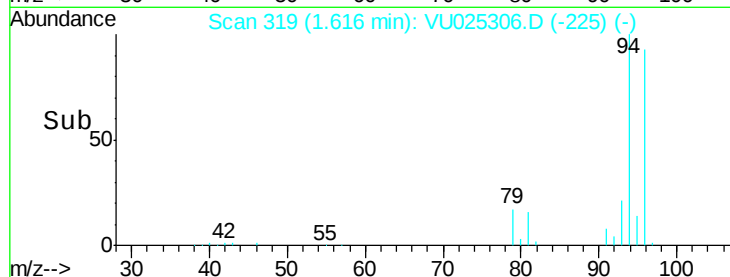
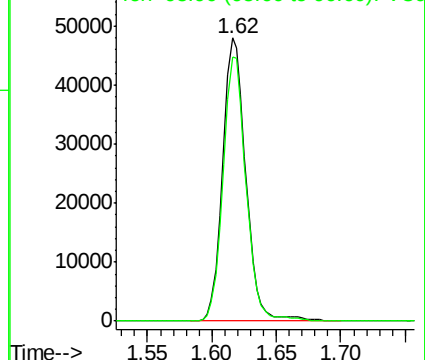
94 100

96 93.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 46.62 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025306.D

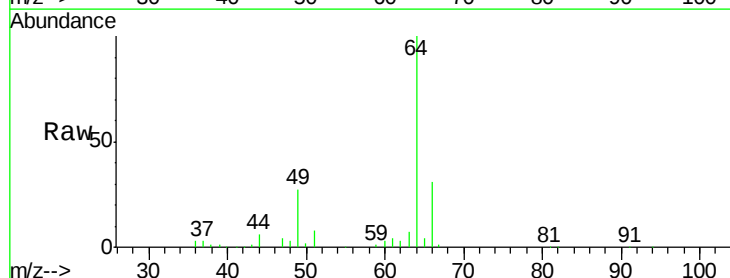
Acq: 11 Jul 2018 10:40

Tgt Ion: 64 Resp: 61662

Ion Ratio Lower Upper

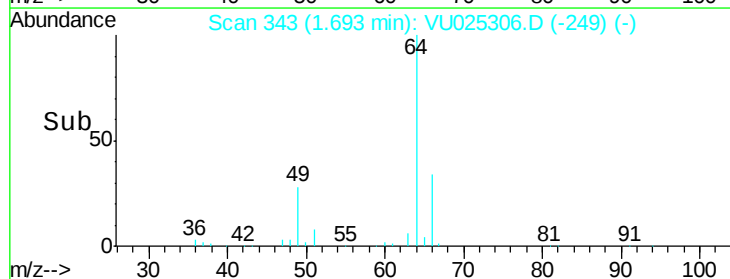
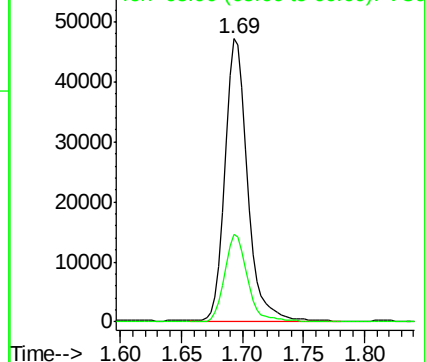
64 100

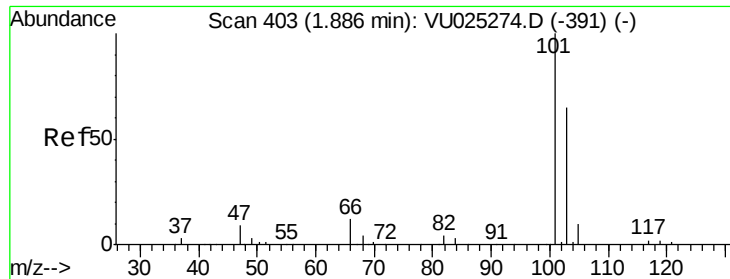
66 31.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 46.92 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

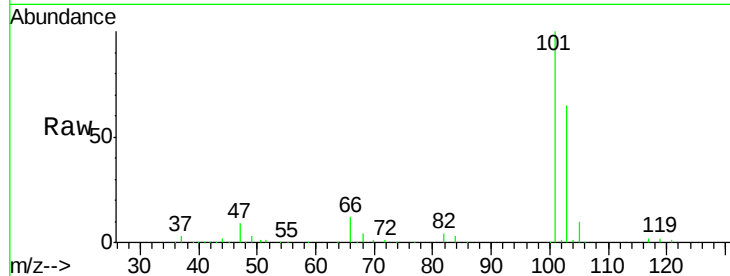
VSTDCCC050

Tot Ion:101 Resp: 153441

Ion Ratio Lower Upper

101 100

103 64.8 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.89

120000

100000

80000

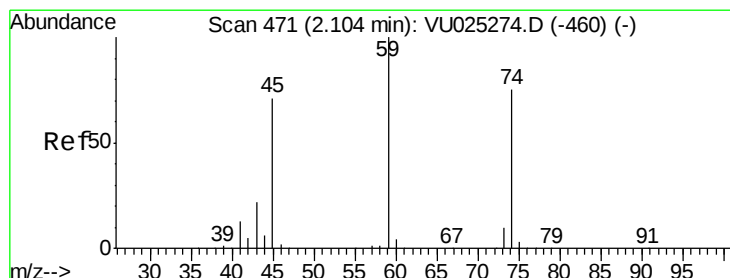
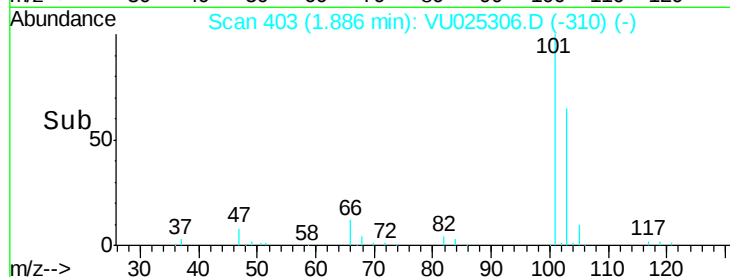
60000

40000

20000

0

Time--> 1.80 1.85 1.90 1.95



#8

Diethyl Ether

Concen: 47.88 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025306.D

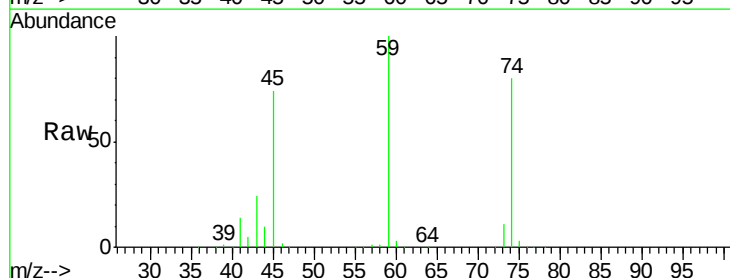
Acq: 11 Jul 2018 10:40

Tgt Ion: 74 Resp: 58758

Ion Ratio Lower Upper

74 100

45 95.1 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

50000

40000

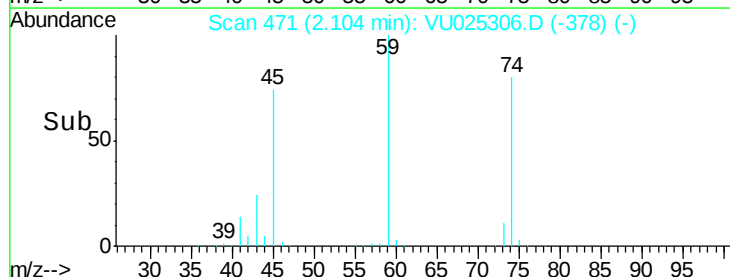
30000

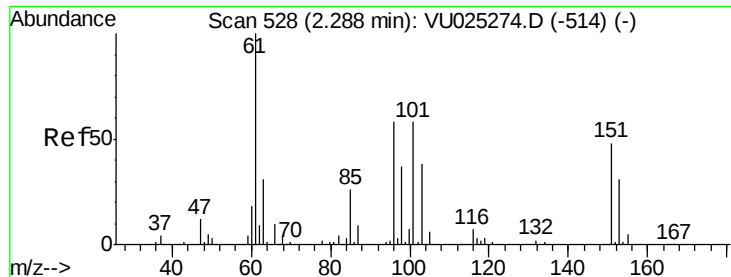
20000

10000

0

Time--> 2.05 2.10 2.15





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.78 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

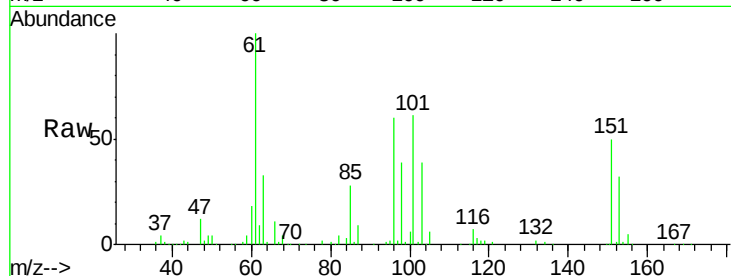
Tot Ion:101 Resp: 92767

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

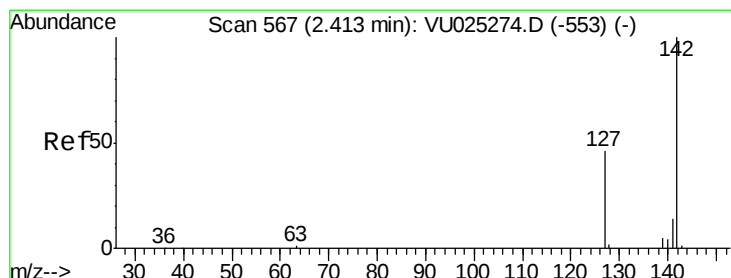
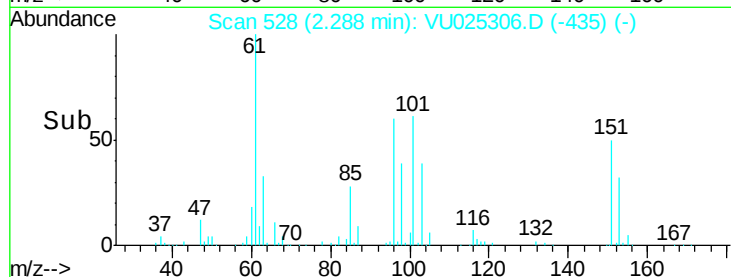
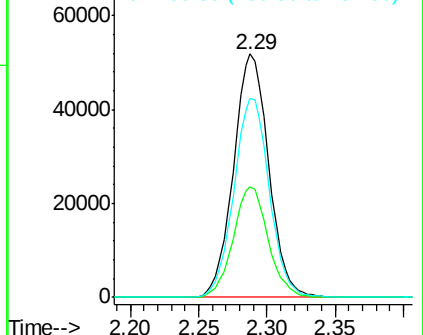
151 82.5 65.6 98.4



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: 37.50 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

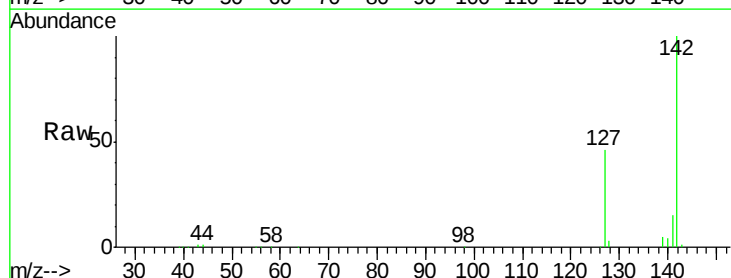
Tgt Ion:142 Resp: 79900

Ion Ratio Lower Upper

142 100

127 46.6 36.5 54.7

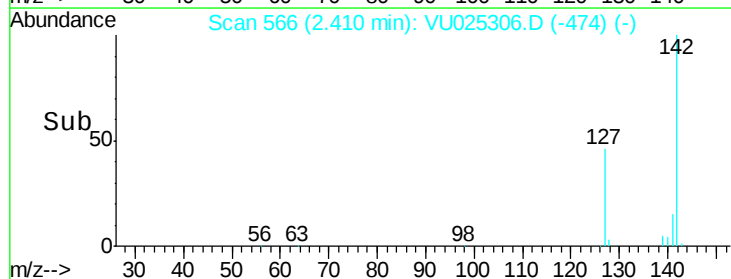
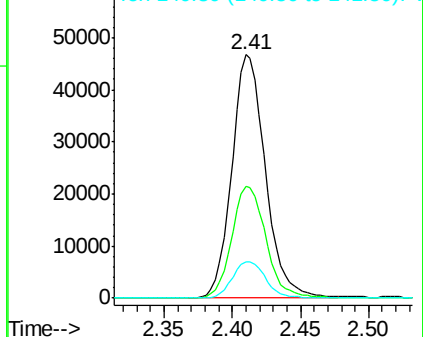
141 14.9 11.4 17.2

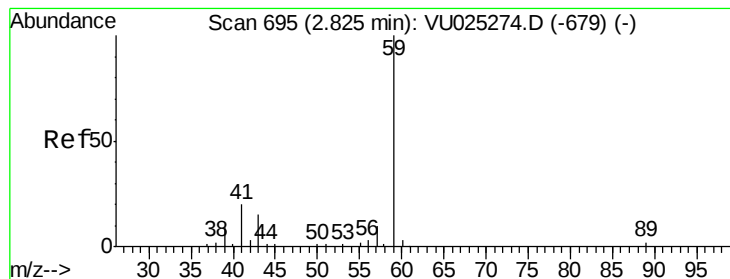


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



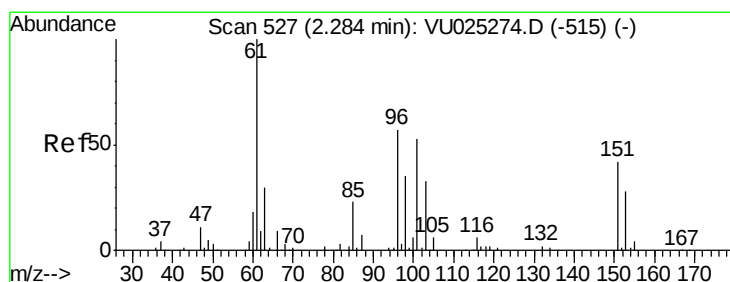
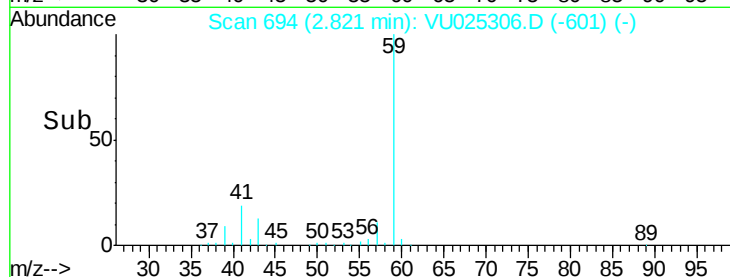
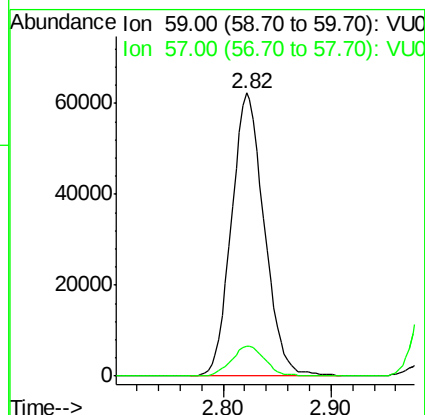
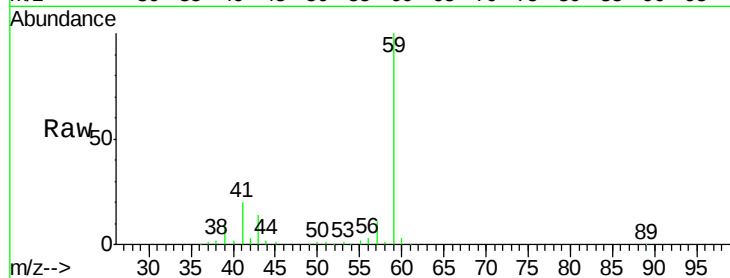


#11

Tert butyl alcohol  
Concen: 212.55 ug/l  
RT: 2.82 min Scan# 694  
Delta R.T. -0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

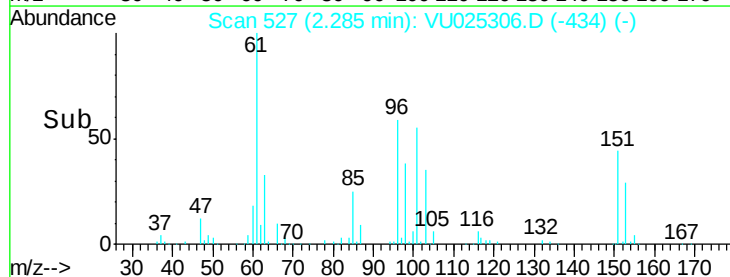
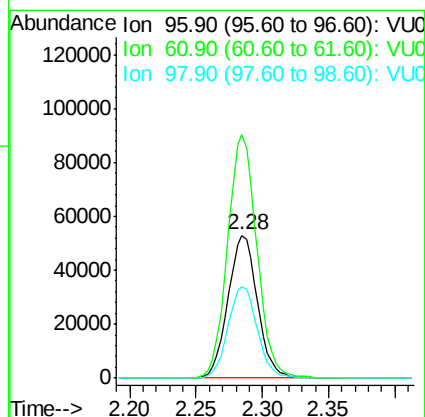
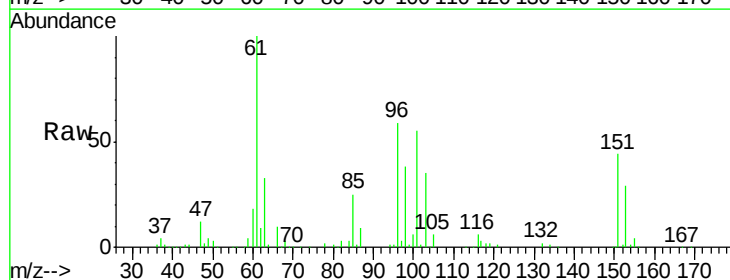
Tot Ion: 59 Resp: 131796  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.2 12.2

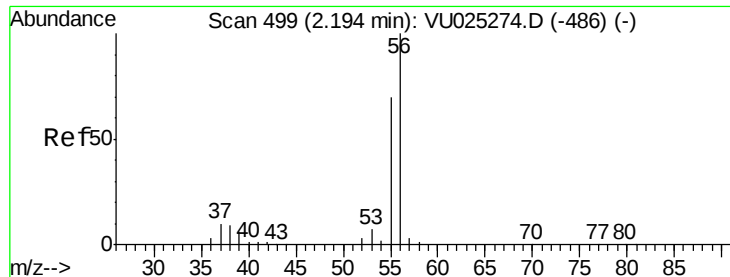


#12

1,1-Dichloroethene  
Concen: 44.16 ug/l  
RT: 2.28 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 96 Resp: 81899  
Ion Ratio Lower Upper  
96 100  
61 170.2 140.2 210.4  
98 64.2 49.3 73.9





#13

Acrolein

Concen: 131.47 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

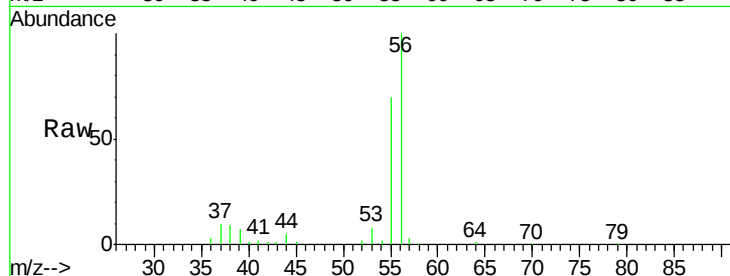
VSTDCCC050

Tot Ion: 56 Resp: 53931

Ion Ratio Lower Upper

56 100

55 71.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025306.D (-406) (-)

Ion 55.00 (54.70 to 55.70): VU025306.D (-406) (-)

2.19

40000

30000

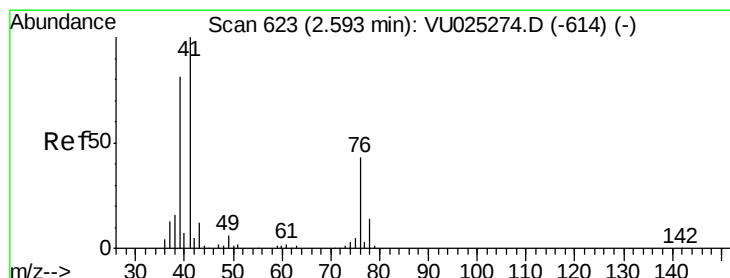
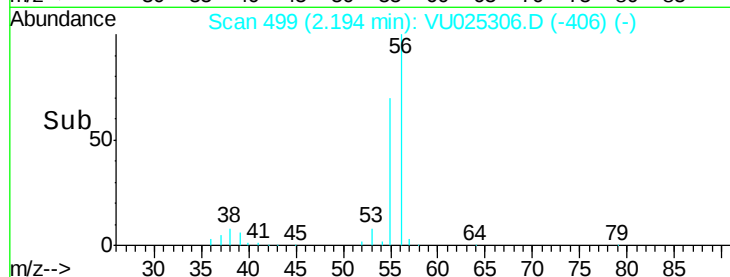
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 44.29 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

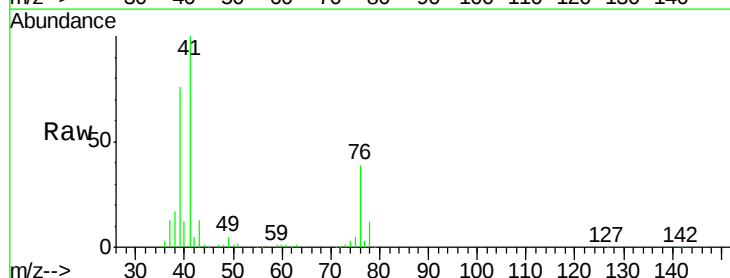
Tgt Ion: 41 Resp: 148973

Ion Ratio Lower Upper

41 100

39 74.4 60.6 91.0

76 38.8 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU025306.D (-530) (-)

Ion 39.00 (38.70 to 39.70): VU025306.D (-530) (-)

Ion 75.90 (75.60 to 76.60): VU025306.D (-530) (-)

120000

100000

80000

60000

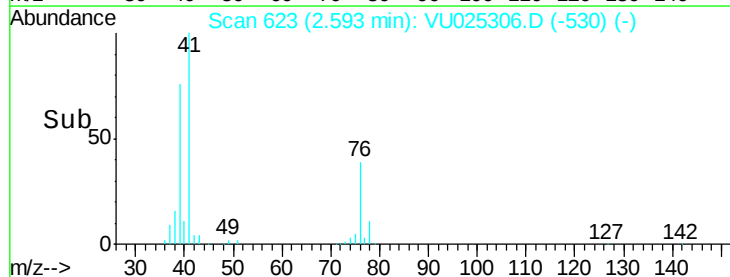
40000

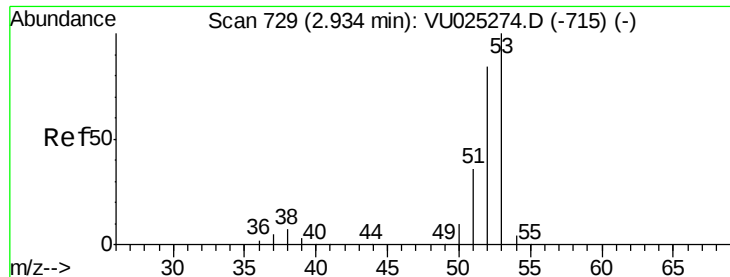
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 228.18 ug/l

RT: 2.93 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

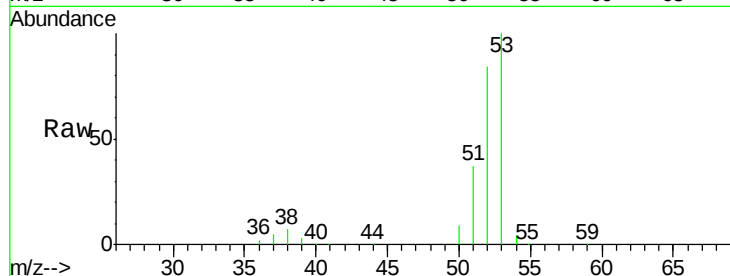
Tot Ion: 53 Resp: 290894

Ion Ratio Lower Upper

53 100

52 83.0 66.6 99.8

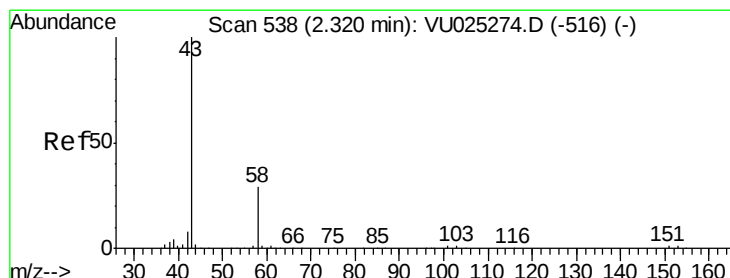
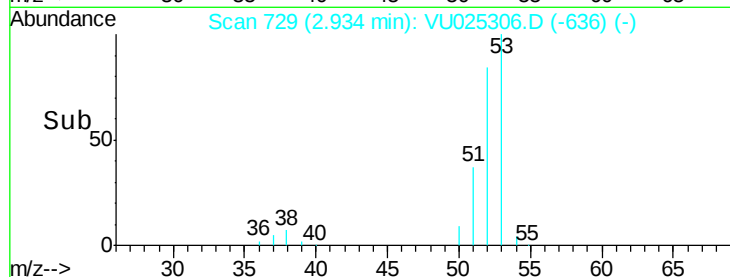
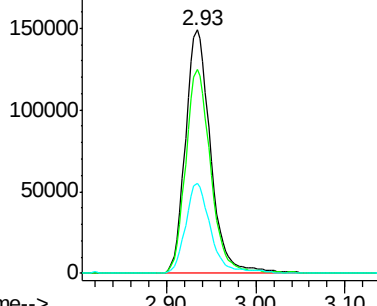
51 37.4 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025274.D (-715) (-)

Ion 52.00 (51.70 to 52.70): VU025274.D (-715) (-)

Ion 51.00 (50.70 to 51.70): VU025274.D (-715) (-)



#16

Acetone

Concen: 242.38 ug/l

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025306.D

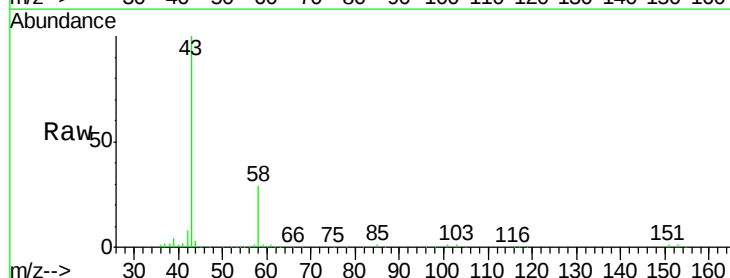
Acq: 11 Jul 2018 10:40

Tgt Ion: 43 Resp: 351344

Ion Ratio Lower Upper

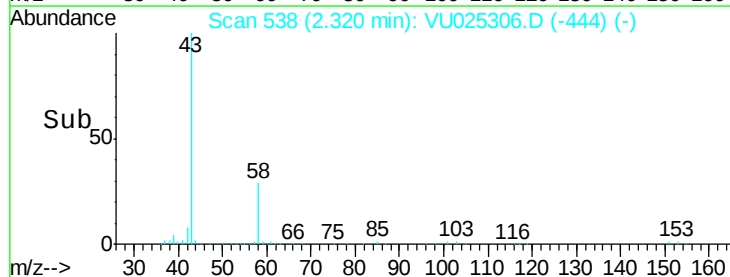
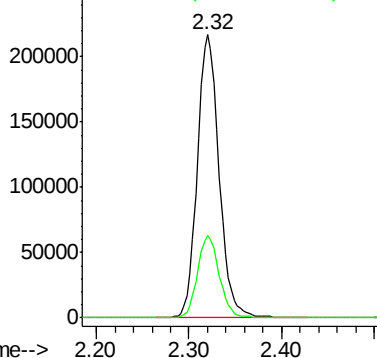
43 100

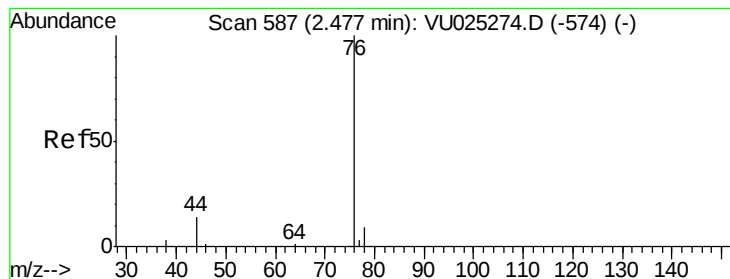
58 29.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)





#17

Carbon Disulfide

Concen: 41.71 ug/l

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

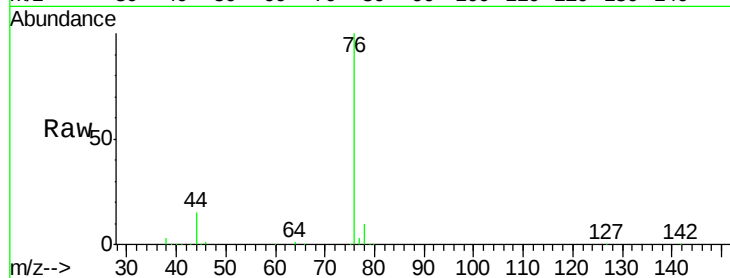
VSTDCCC050

Tot Ion: 76 Resp: 224262

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU025274.D (-574) (-)

Ion 77.90 (77.60 to 78.60): VU025306.D (-494) (-)

2.48

150000

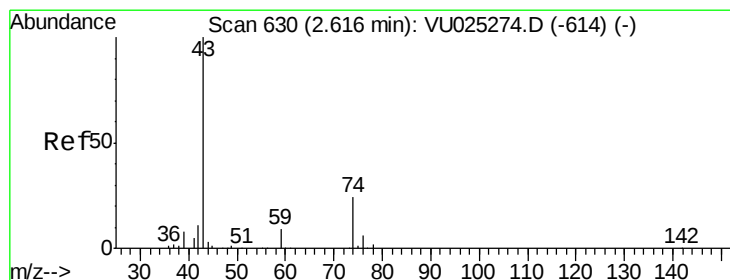
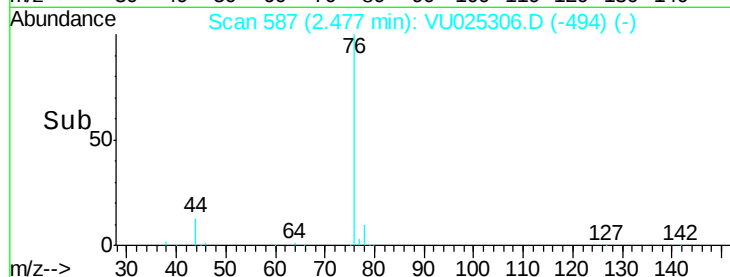
100000

50000

0

2.40 2.45 2.50 2.55

Time-->



#18

Methyl Acetate

Concen: 48.74 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU025306.D

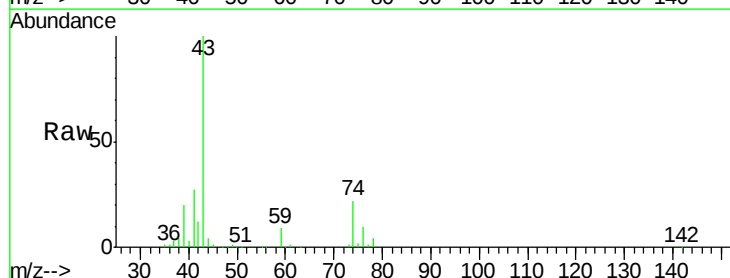
Acq: 11 Jul 2018 10:40

Tgt Ion: 43 Resp: 141850

Ion Ratio Lower Upper

43 100

74 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-614) (-)

Ion 74.00 (73.70 to 74.70): VU025306.D (-537) (-)

2.61

80000

60000

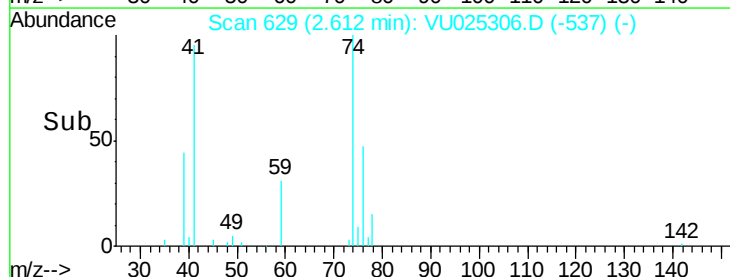
40000

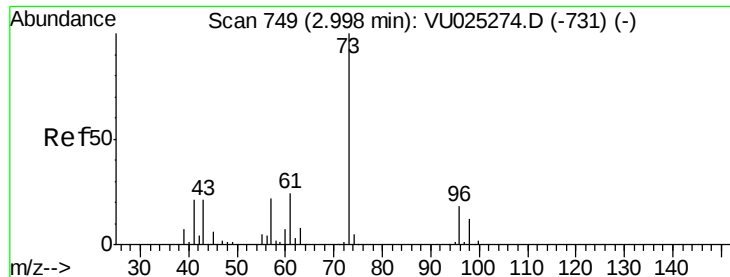
20000

0

2.55 2.60 2.65 2.70

Time-->



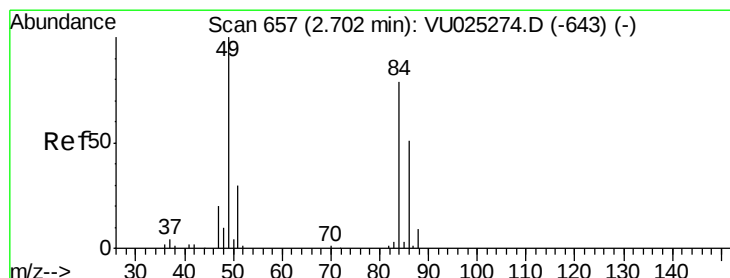
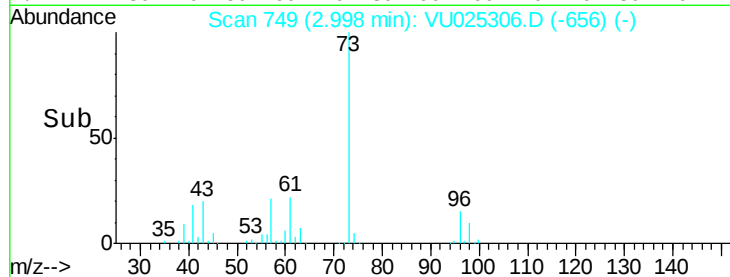
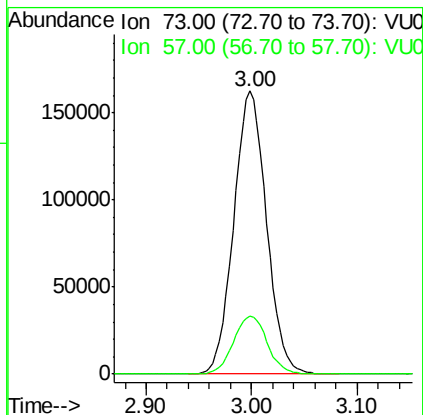
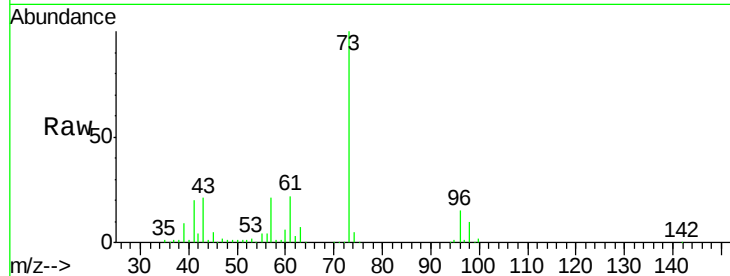


#19

Methyl tert-butyl Ether  
 Concen: 49.44 ug/l  
 RT: 3.00 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

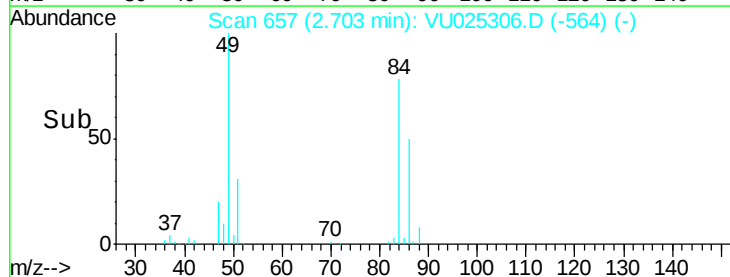
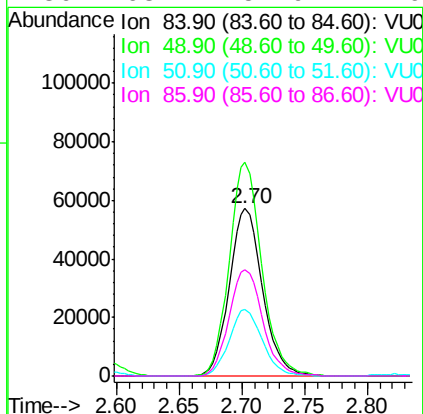
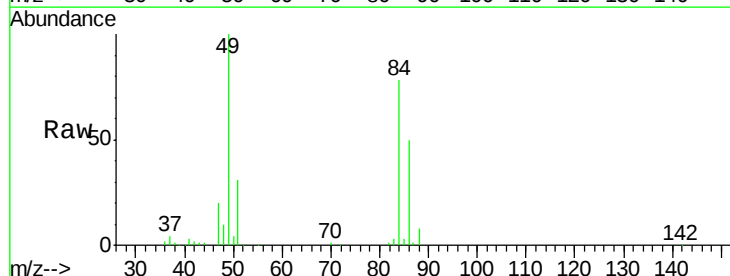
Tot Ion: 73 Resp: 348751  
 Ion Ratio Lower Upper  
 73 100  
 57 20.5 17.4 26.2

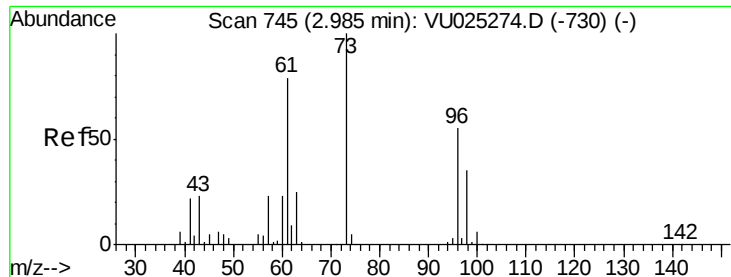


#20

Methylene Chloride  
 Concen: 47.90 ug/l  
 RT: 2.70 min Scan# 657  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion: 84 Resp: 105264  
 Ion Ratio Lower Upper  
 84 100  
 49 127.7 101.8 152.6  
 51 39.8 30.8 46.2  
 86 63.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 44.73 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

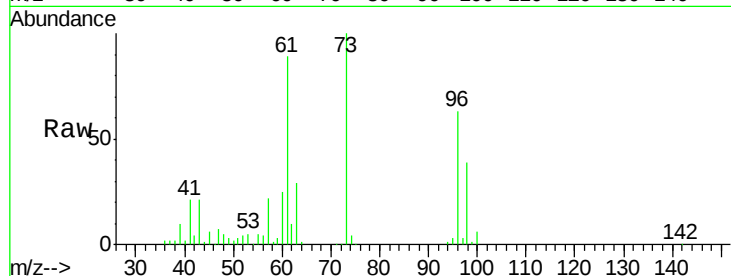
Tot Ion: 96 Resp: 94802

Ion Ratio Lower Upper

96 100

61 142.1 114.5 171.7

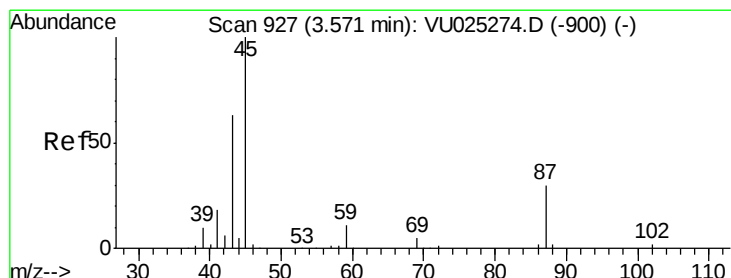
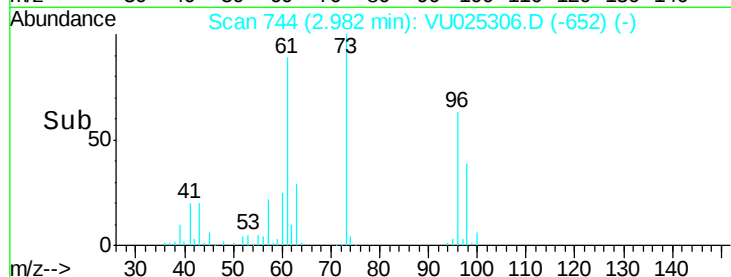
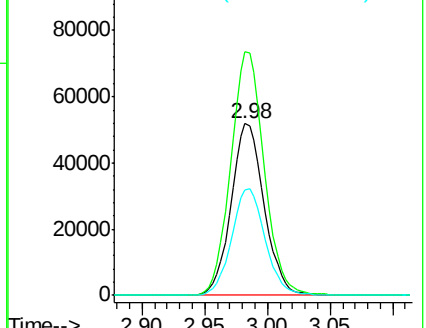
98 61.7 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU025274.D (-730) (-)

Ion 60.90 (60.60 to 61.60): VU025274.D (-730) (-)

Ion 97.90 (97.60 to 98.60): VU025274.D (-730) (-)



#22

Diisopropyl ether

Concen: 48.10 ug/l

RT: 3.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Tgt Ion: 45 Resp: 330386

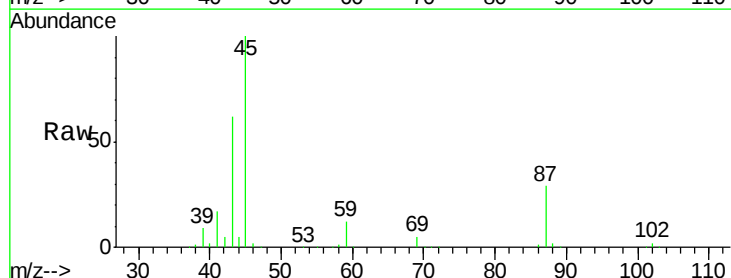
Ion Ratio Lower Upper

45 100

43 60.9 50.9 76.3

87 29.1 23.8 35.8

59 12.1 9.0 13.4

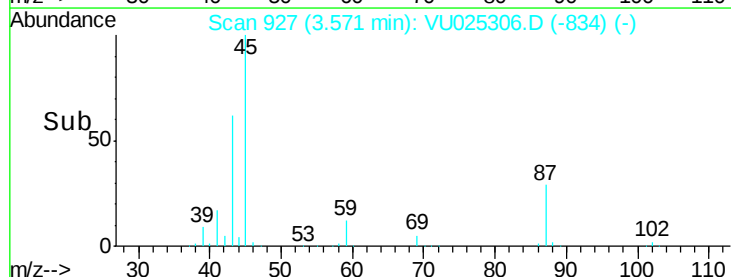
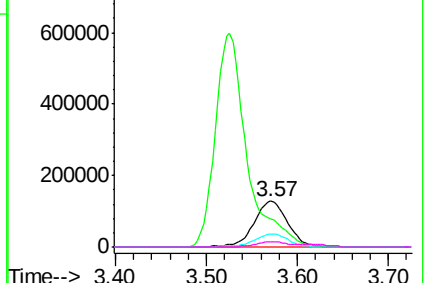


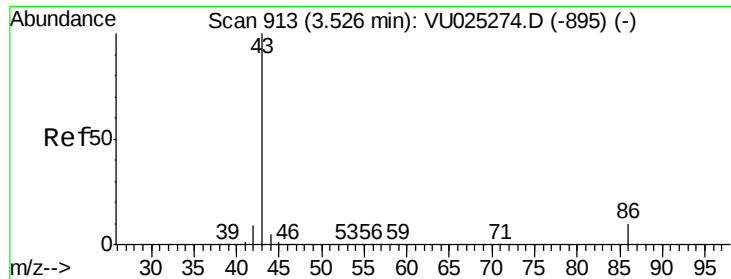
Abundance Ion 45.00 (44.70 to 45.70): VU025274.D (-900) (-)

Ion 43.00 (42.70 to 43.70): VU025274.D (-900) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-900) (-)

Ion 59.00 (58.70 to 59.70): VU025274.D (-900) (-)





#23

Vinyl Acetate

Concen: 239.73 ug/l

RT: 3.53 min Scan# 913

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

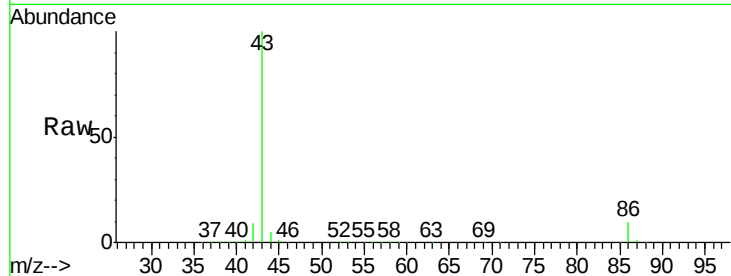
VSTDCCC050

Tot Ion: 43 Resp: 1444485

Ion Ratio Lower Upper

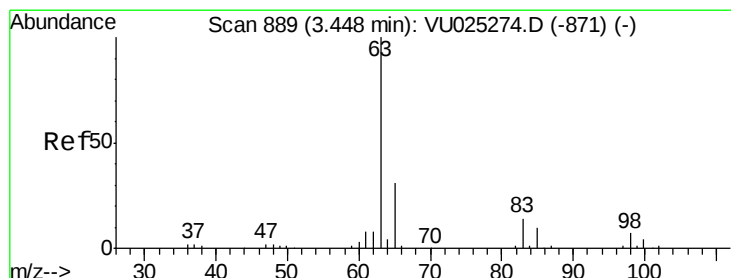
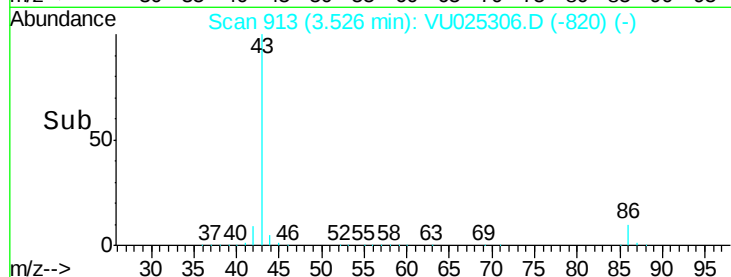
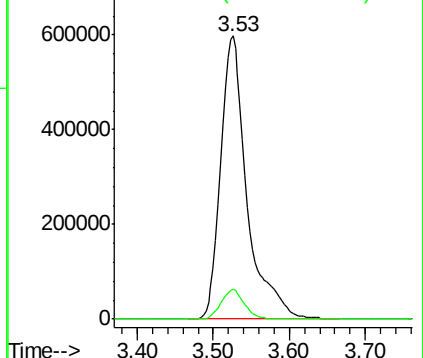
43 100

86 10.4 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 48.96 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

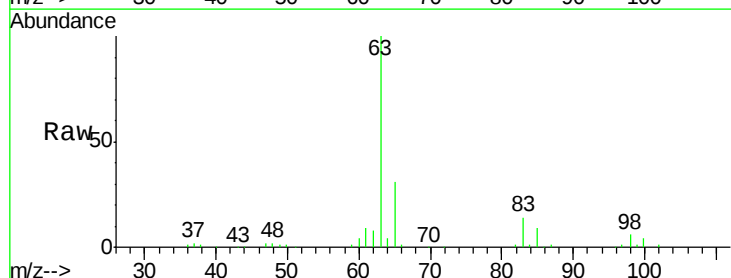
Tgt Ion: 63 Resp: 189664

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

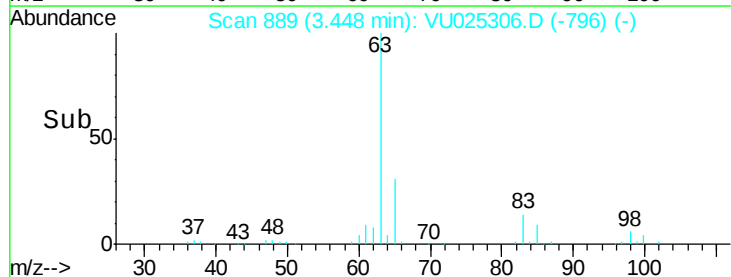
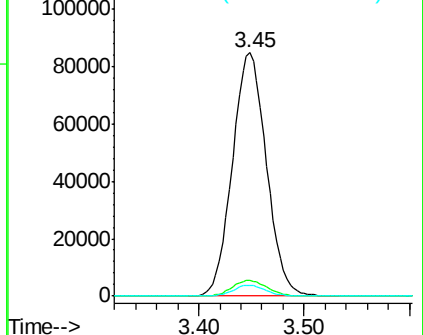
100 4.3 2.0 6.0

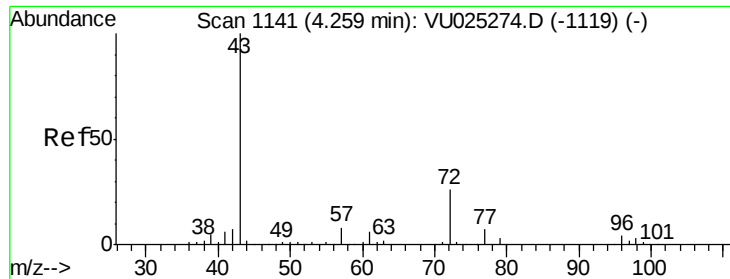


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 230.73 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

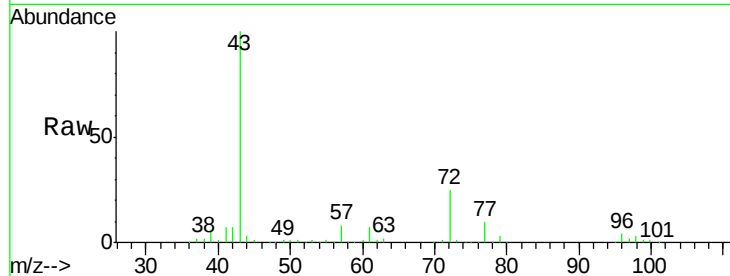
VSTDCCC050

Tot Ion: 43 Resp: 454564

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

200000

150000

100000

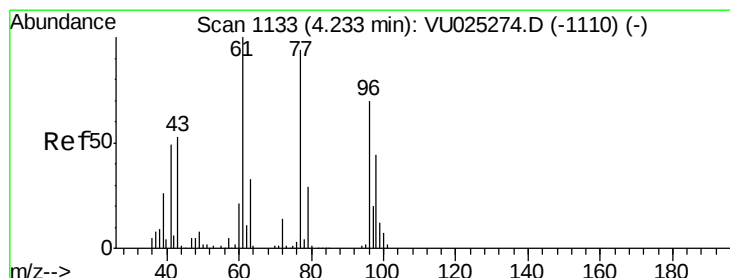
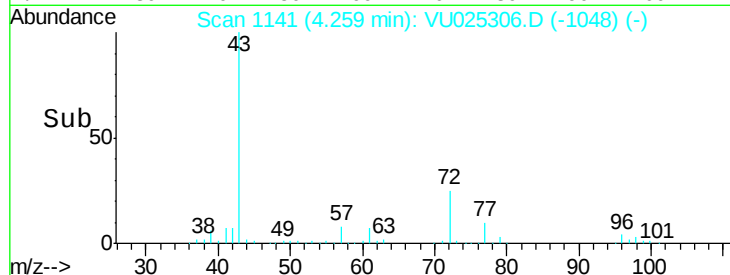
50000

0

4.20 4.30

4.26

Time-->



#26

2,2-Dichloropropane

Concen: 47.73 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025306.D

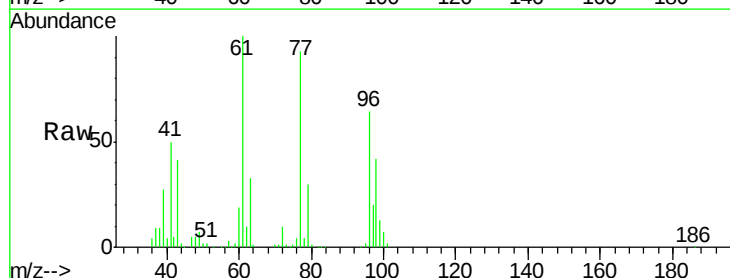
Acq: 11 Jul 2018 10:40

Tgt Ion: 77 Resp: 177777

Ion Ratio Lower Upper

77 100

97 21.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

60000

40000

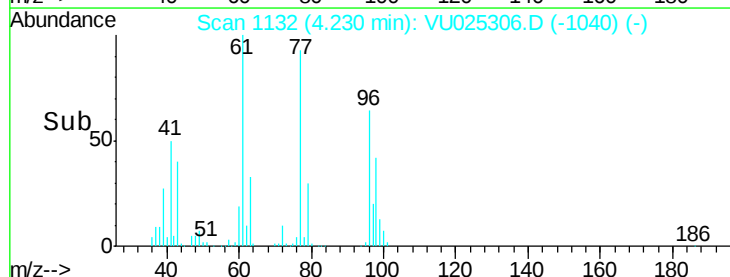
20000

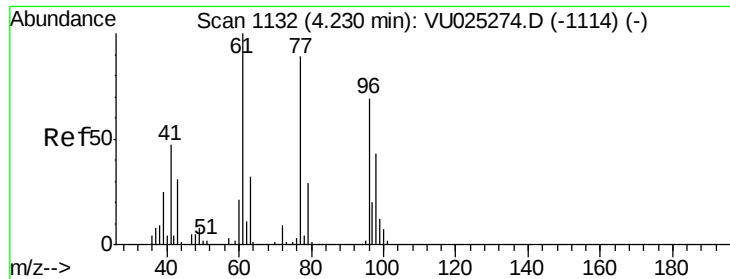
0

4.10 4.20 4.30

4.23

Time-->

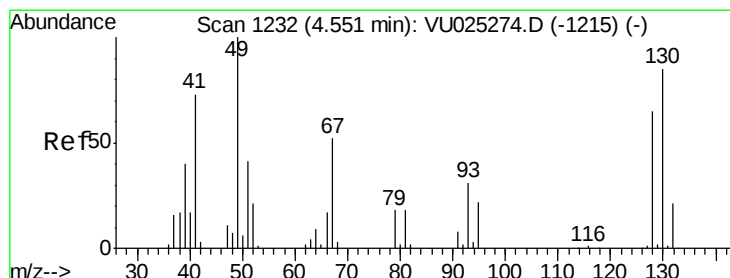
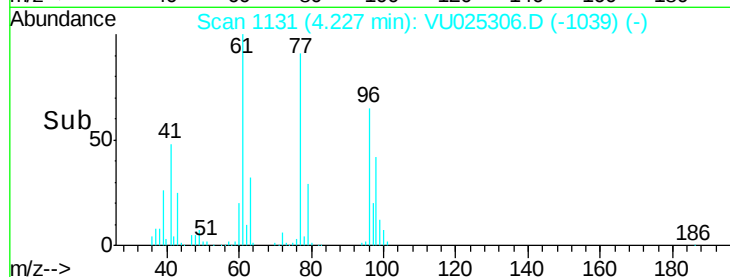
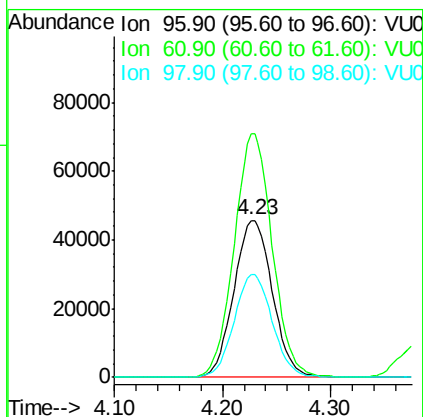
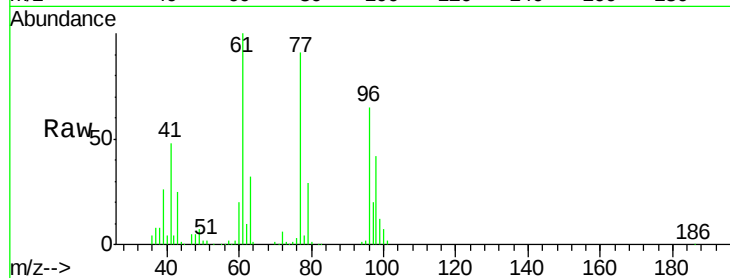




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.21 ug/l  
 RT: 4.23 min Scan# 1131  
 Delta R.T. -0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

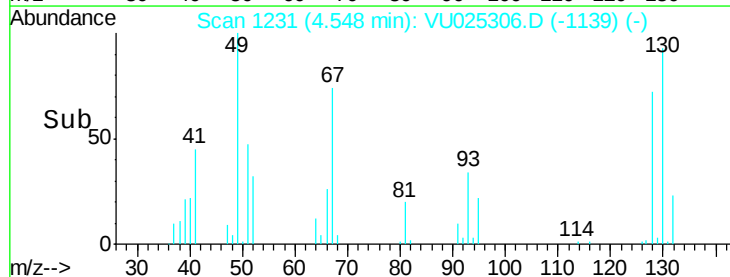
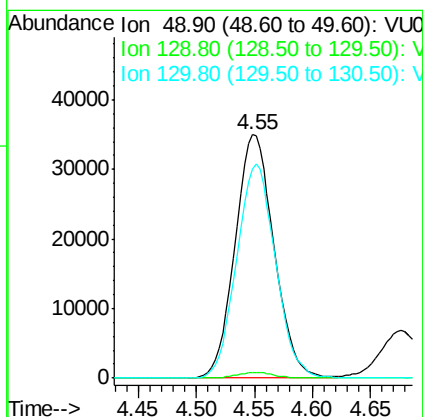
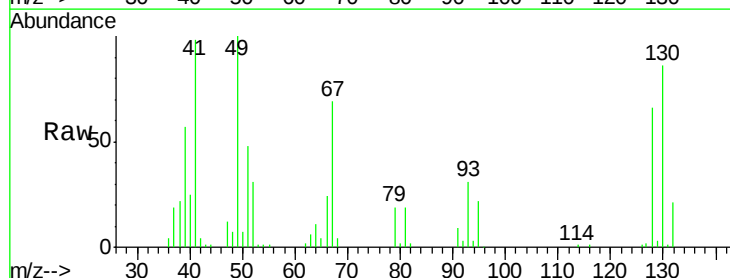
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

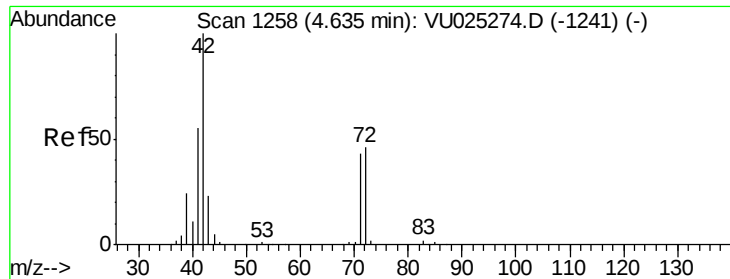
Tot Ion: 96 Resp: 113307  
 Ion Ratio Lower Upper  
 96 100  
 61 153.5 0.0 299.8  
 98 65.0 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 43.73 ug/l  
 RT: 4.55 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion: 49 Resp: 81793  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.6  
 130 87.8 68.6 102.8

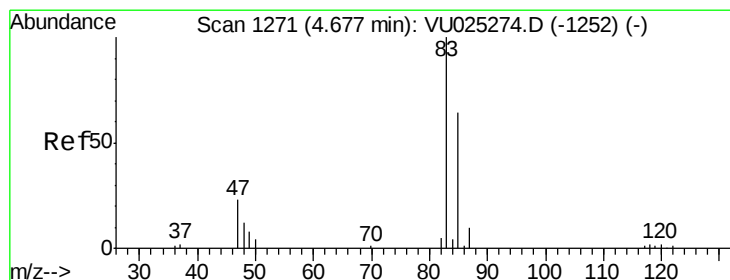
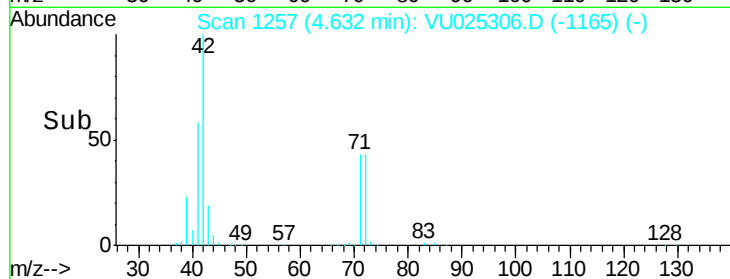
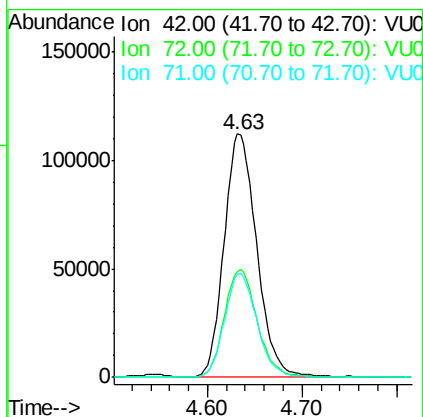
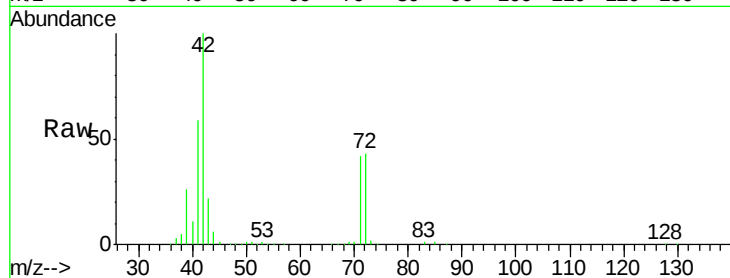




#29  
Tetrahydrofuran  
Concen: 226.14 ug/l  
RT: 4.63 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

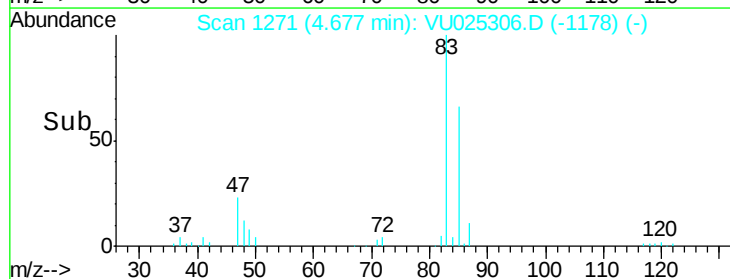
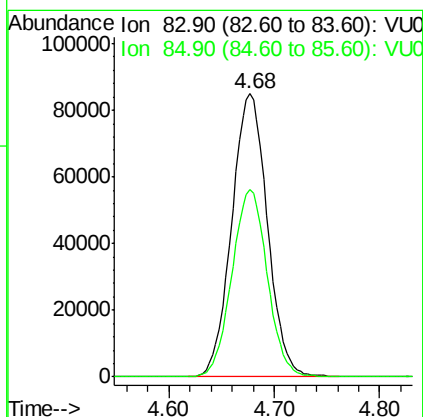
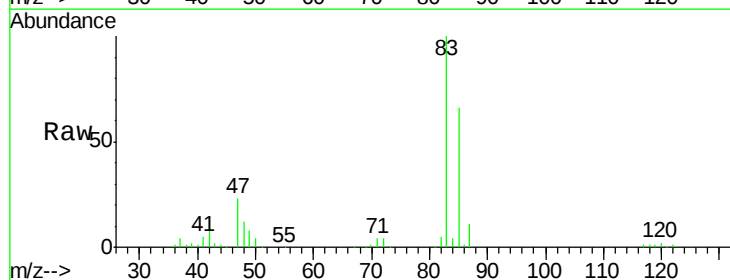
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

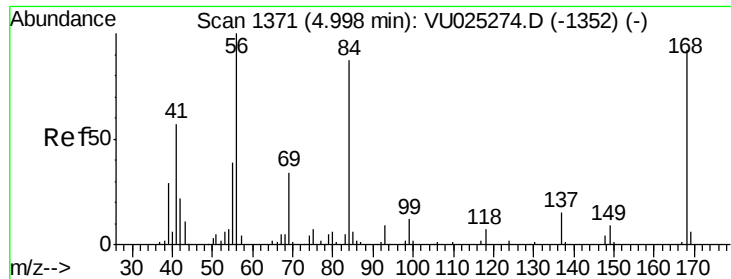
Tot Ion: 42 Resp: 267237  
Ion Ratio Lower Upper  
42 100  
72 44.9 36.7 55.1  
71 42.7 33.9 50.9



#30  
Chloroform  
Concen: 48.61 ug/l  
RT: 4.68 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 83 Resp: 199421  
Ion Ratio Lower Upper  
83 100  
85 66.2 51.5 77.3

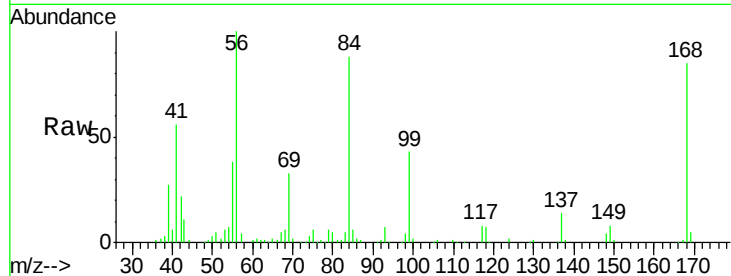




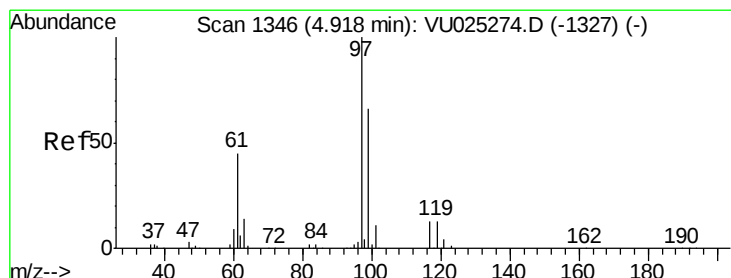
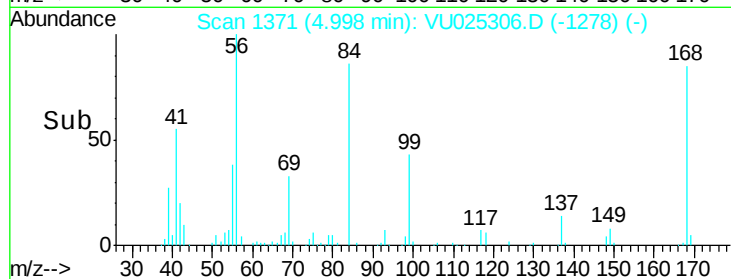
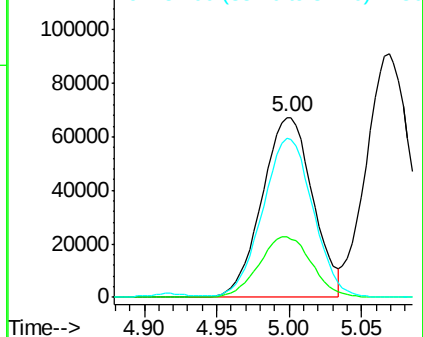
#31  
Cyclohexane  
Concen: 45.62 ug/l  
RT: 5.00 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 163537  
Ion Ratio Lower Upper  
56 100  
69 33.5 26.8 40.2  
84 86.8 69.7 104.5

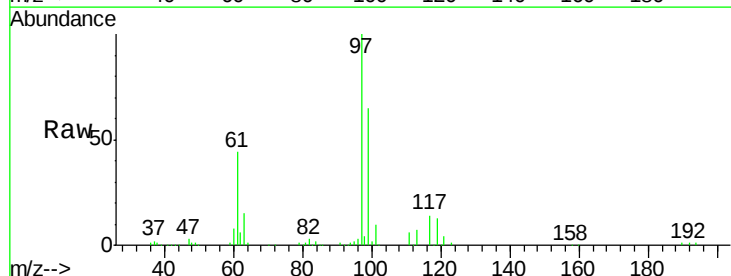


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

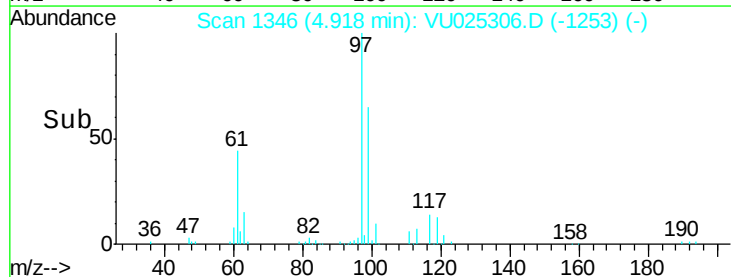
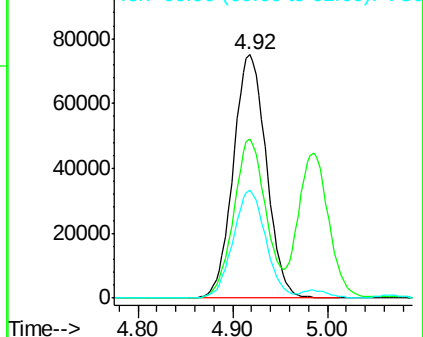


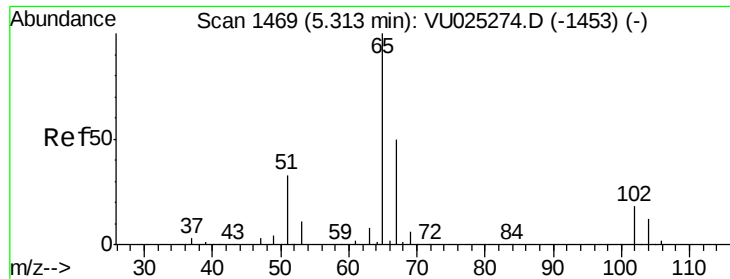
#32  
1,1,1-Trichloroethane  
Concen: 48.94 ug/l  
RT: 4.92 min Scan# 1346  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 97 Resp: 181966  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.8 76.2  
61 43.9 35.2 52.8



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

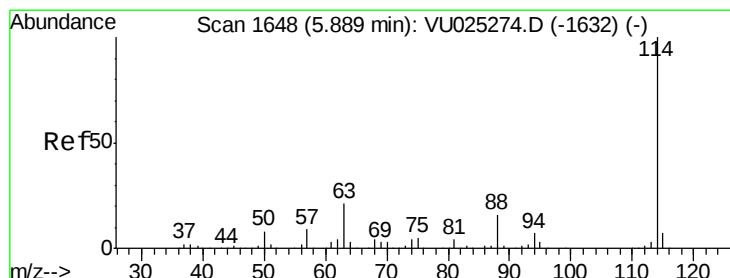
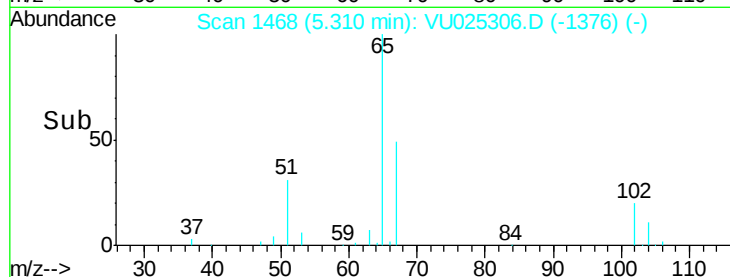
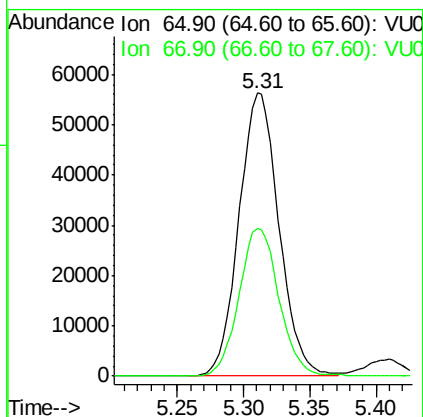
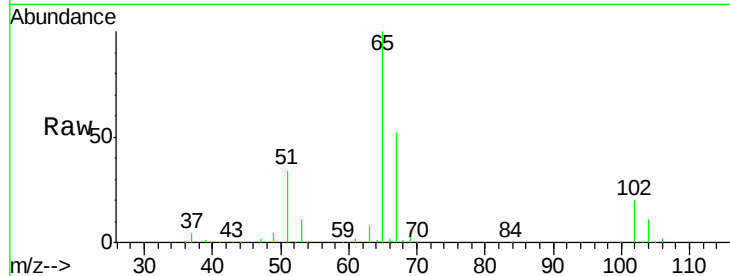




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.58 ug/l  
 RT: 5.31 min Scan# 1468  
 Delta R.T. -0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

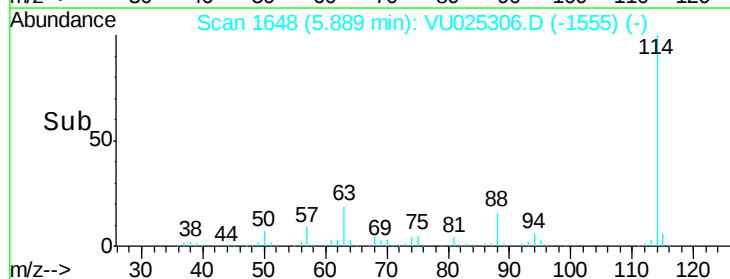
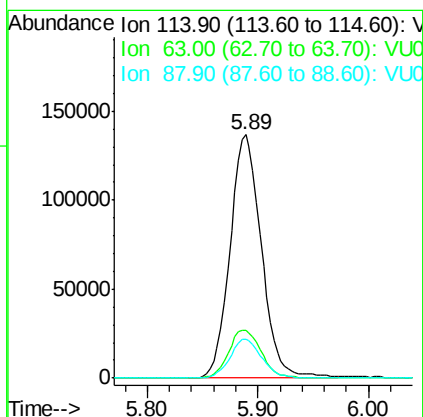
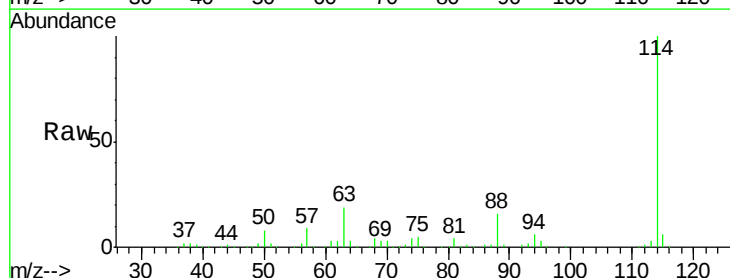
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

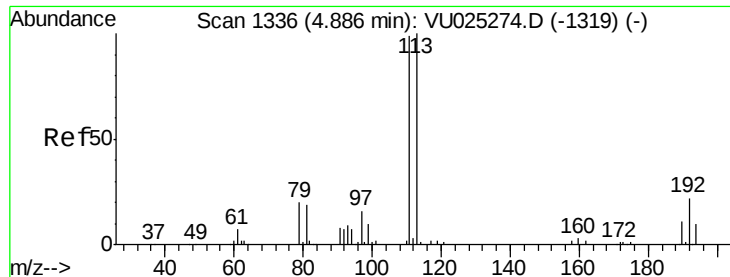
Tot Ion: 65 Resp: 118190  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 103.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion: 114 Resp: 269770  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 41.6  
 88 16.2 0.0 32.4

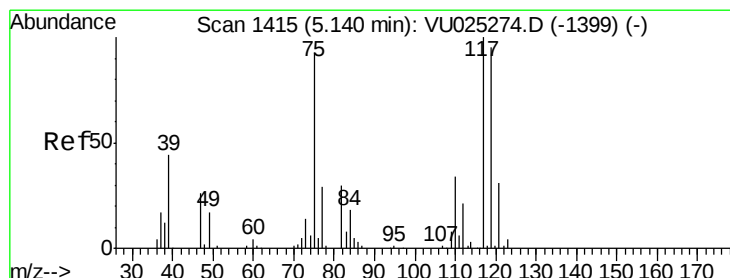
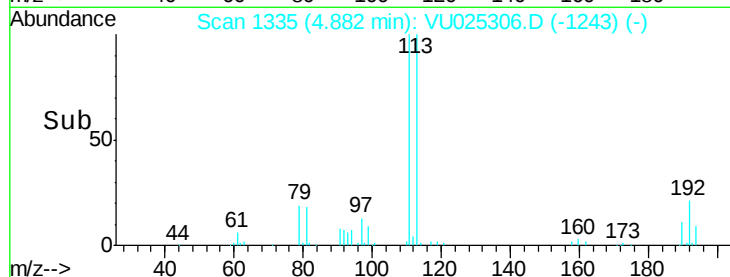
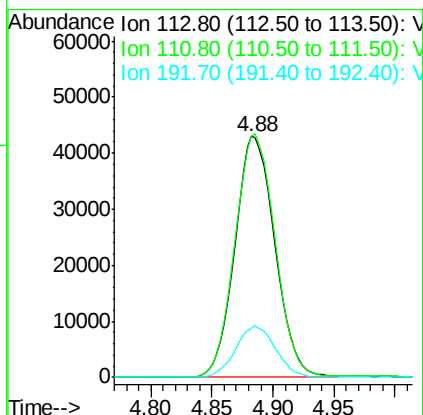
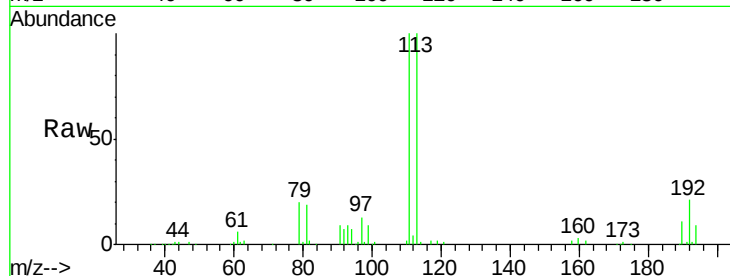




#35  
 Dibromofluoromethane  
 Concen: 42.82 ug/l  
 RT: 4.88 min Scan# 1335  
 Delta R.T. -0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

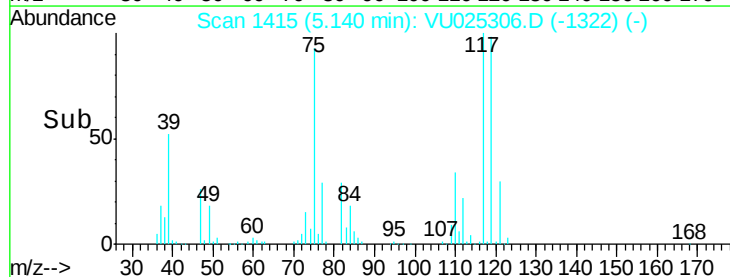
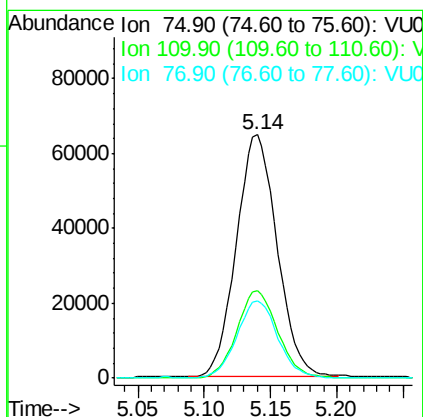
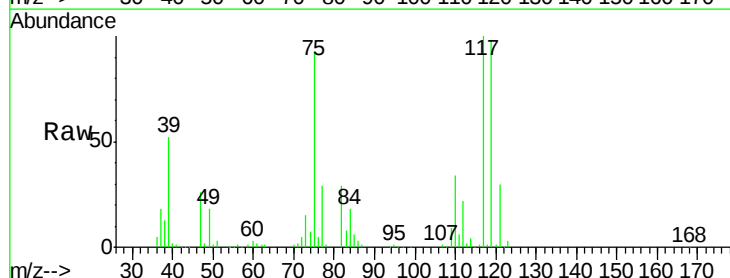
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

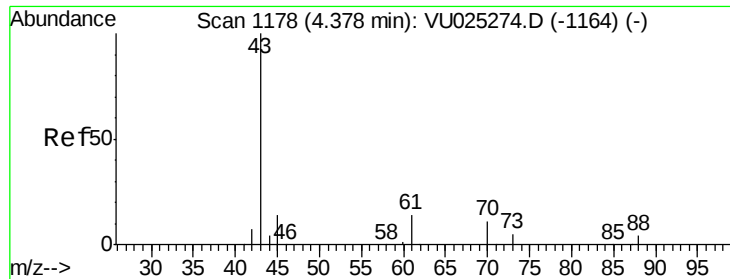
Tot Ion:113 Resp: 97448  
 Ion Ratio Lower Upper  
 113 100  
 111 101.4 81.7 122.5  
 192 21.2 17.1 25.7



#36  
 1,1-Dichloropropene  
 Concen: 46.15 ug/l  
 RT: 5.14 min Scan# 1415  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion: 75 Resp: 138402  
 Ion Ratio Lower Upper  
 75 100  
 110 36.4 17.6 52.9  
 77 32.2 24.4 36.6

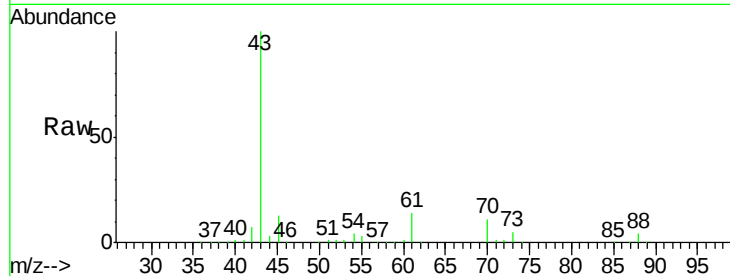




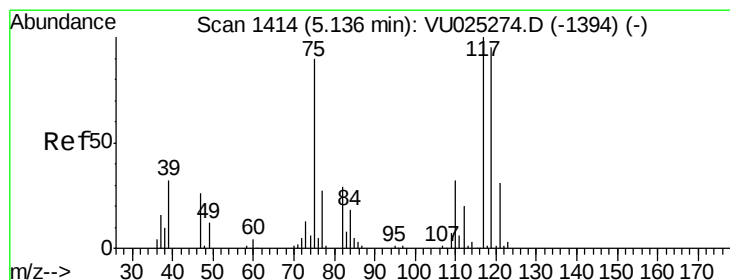
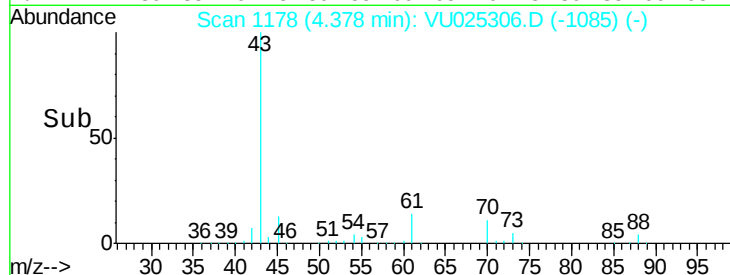
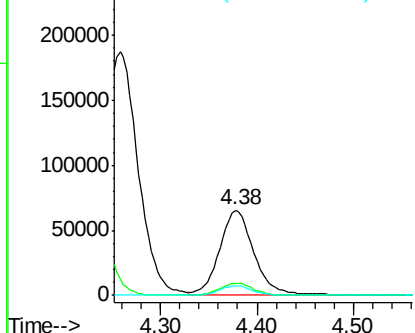
#37  
Ethyl Acetate  
Concen: 47.49 ug/l  
RT: 4.38 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 158833  
Ion Ratio Lower Upper  
43 100  
61 14.2 10.7 16.1  
70 10.7 8.4 12.6

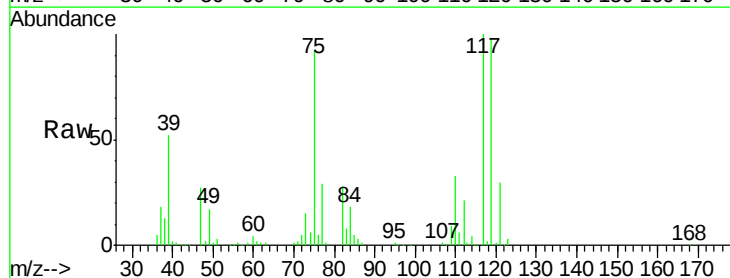


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 70.00 (69.70 to 70.70): VU0

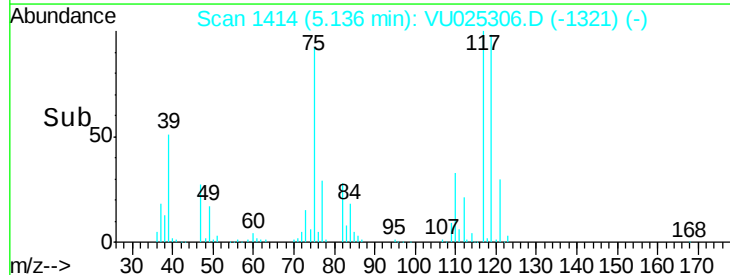
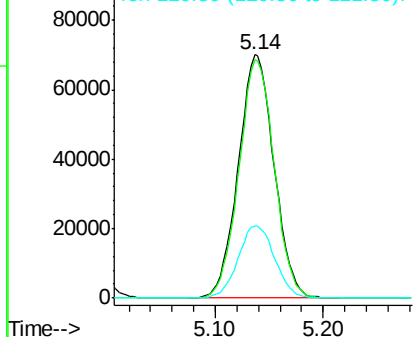


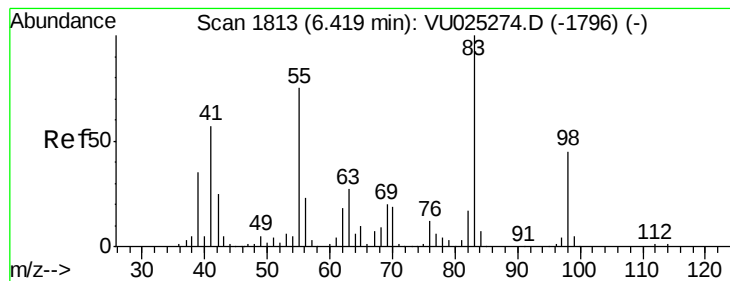
#38  
Carbon Tetrachloride  
Concen: 50.03 ug/l  
RT: 5.14 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 117 Resp: 161492  
Ion Ratio Lower Upper  
117 100  
119 97.8 75.7 113.5  
121 29.7 24.6 36.8



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

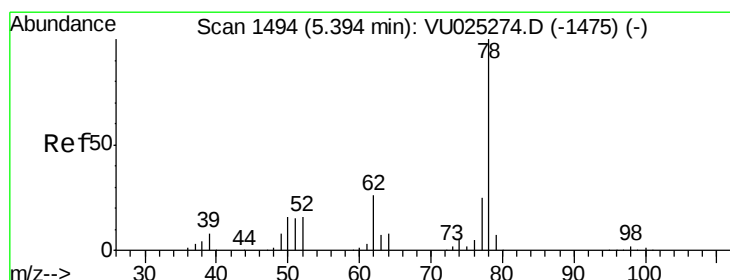
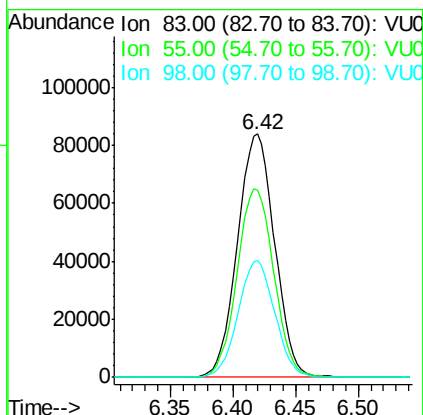
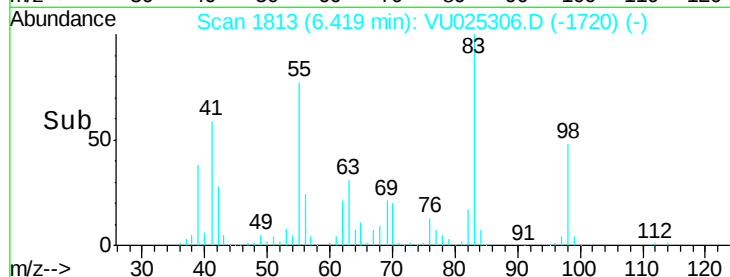
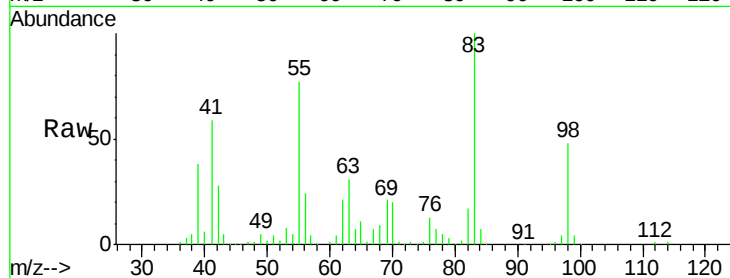




#39  
Methvlcvclohexane  
Concen: 46.35 ug/l  
RT: 6.42 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

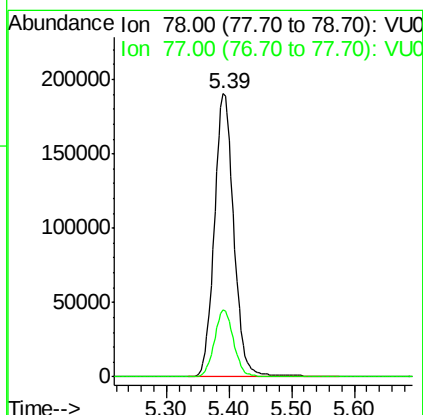
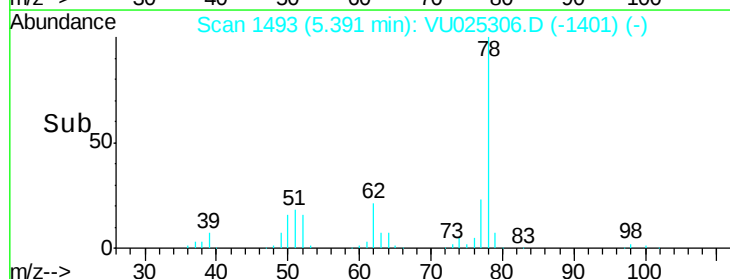
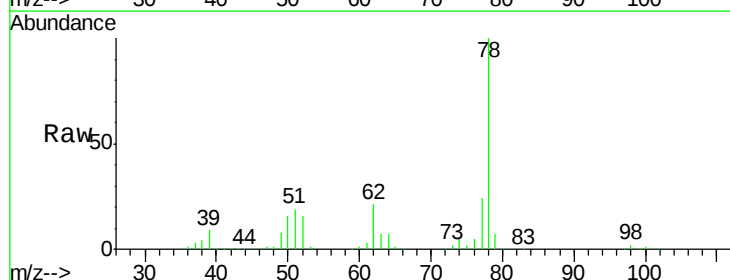
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

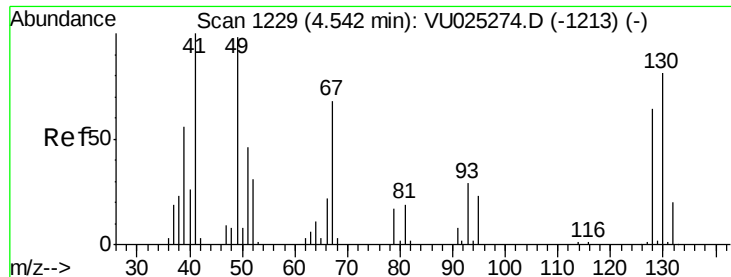
Tot Ion: 83 Resp: 173374  
Ion Ratio Lower Upper  
83 100  
55 76.7 60.0 90.0  
98 48.2 36.1 54.1



#40  
Benzene  
Concen: 47.69 ug/l  
RT: 5.39 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 78 Resp: 412209  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.8 29.6

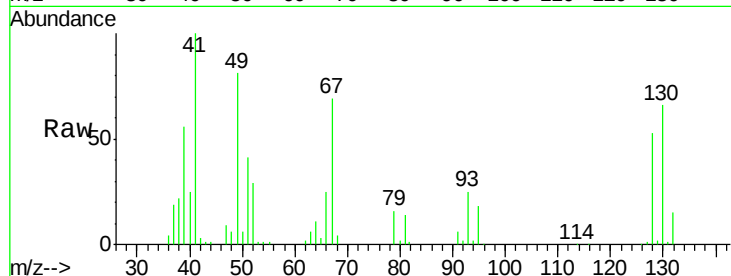




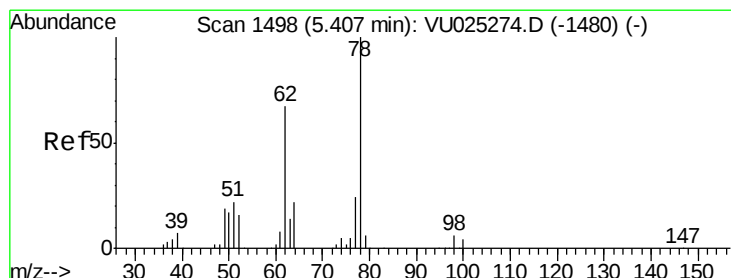
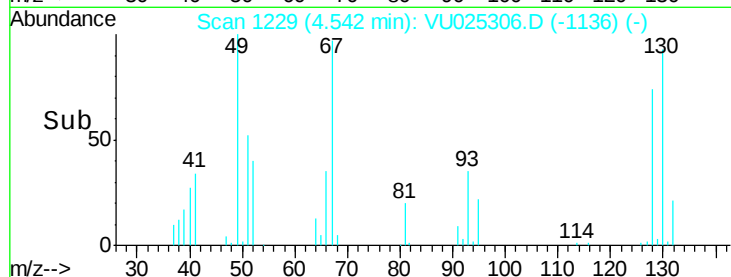
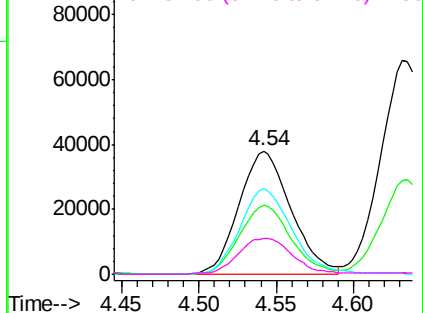
#41  
Methacrylonitrile  
Concen: 47.84 ug/l  
RT: 4.54 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 41 Resp: 88723  
Ion Ratio Lower Upper  
41 100  
39 55.6 44.4 66.6  
67 69.4 56.0 84.0  
52 31.1 24.6 36.8

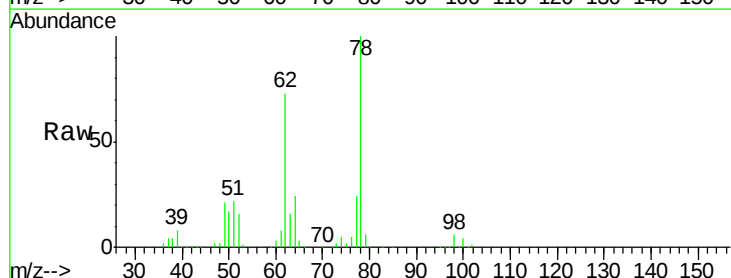


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

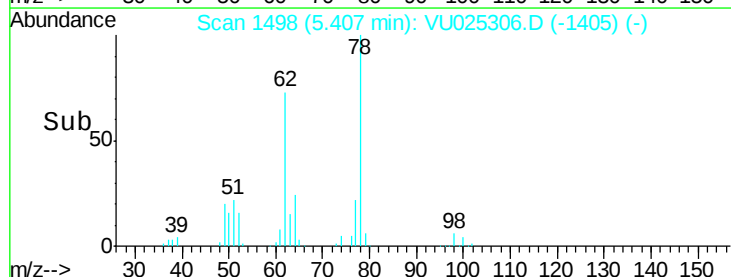
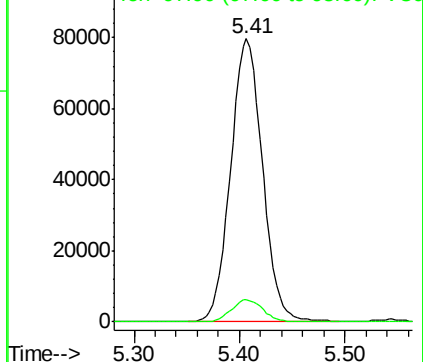


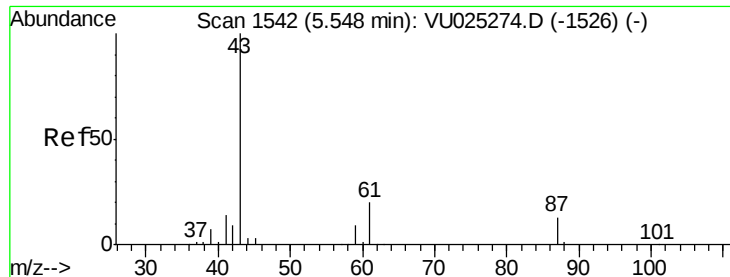
#42  
1,2-Dichloroethane  
Concen: 48.64 ug/l  
RT: 5.41 min Scan# 1498  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 62 Resp: 167097  
Ion Ratio Lower Upper  
62 100  
98 7.8 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 47.87 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

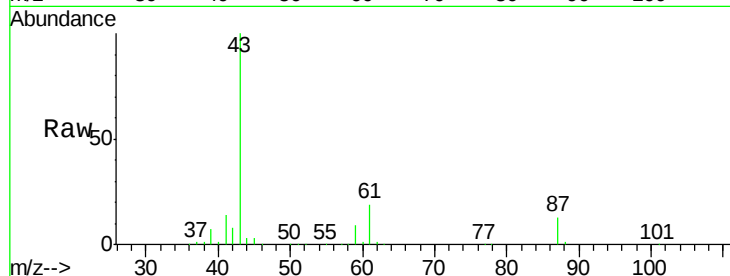
Tot Ion: 43 Resp: 256420

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

87 13.4 10.6 16.0

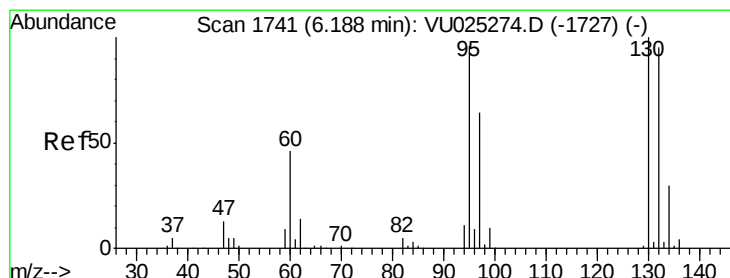
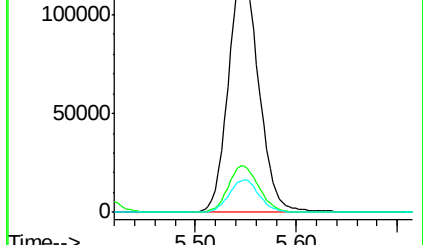
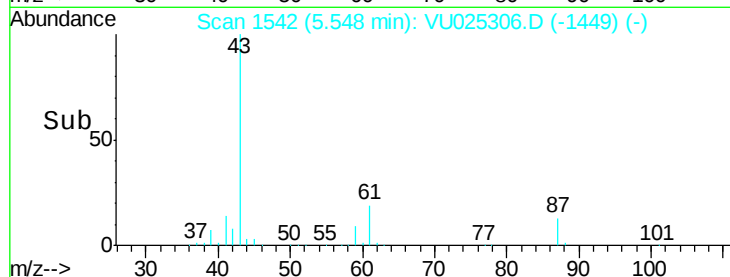


Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-1526) (-)

Ion 61.00 (60.70 to 61.70): VU025274.D (-1526) (-)

Ion 87.00 (86.70 to 87.70): VU025274.D (-1526) (-)

Time-->



#44

Trichloroethene

Concen: 46.90 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025306.D

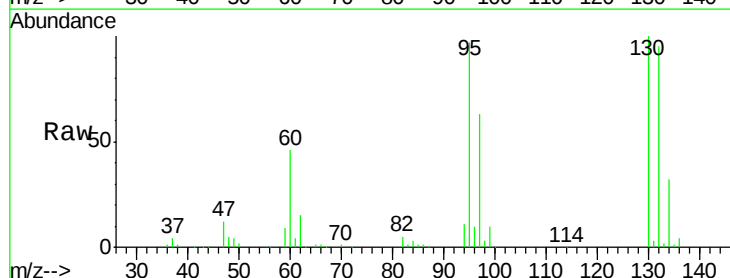
Acq: 11 Jul 2018 10:40

Tgt Ion: 130 Resp: 116383

Ion Ratio Lower Upper

130 100

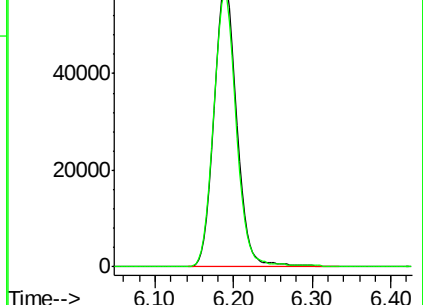
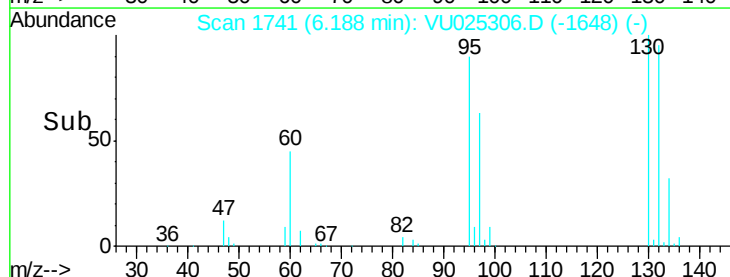
95 97.2 0.0 192.2

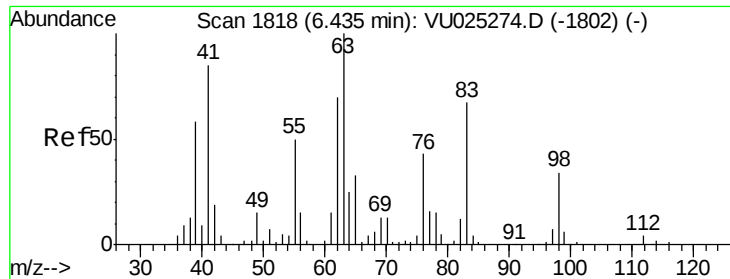


Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025274.D (-1727) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 48.55 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

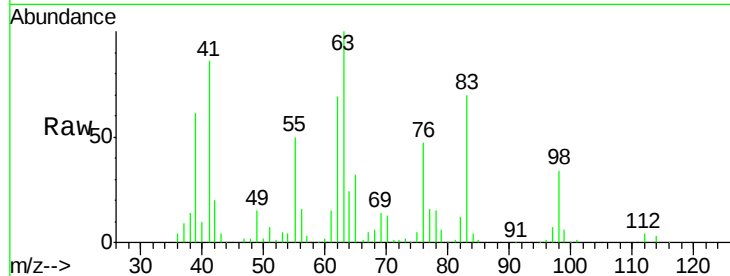
VSTDCCC050

Tot Ion: 63 Resp: 109907

Ion Ratio Lower Upper

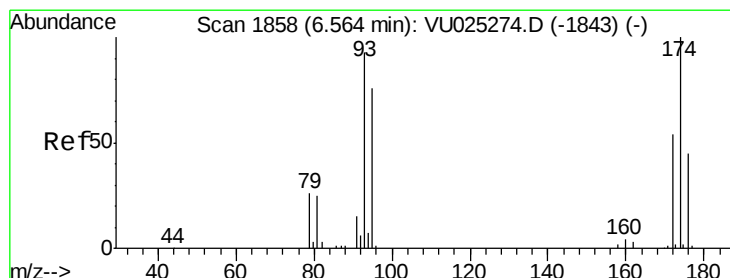
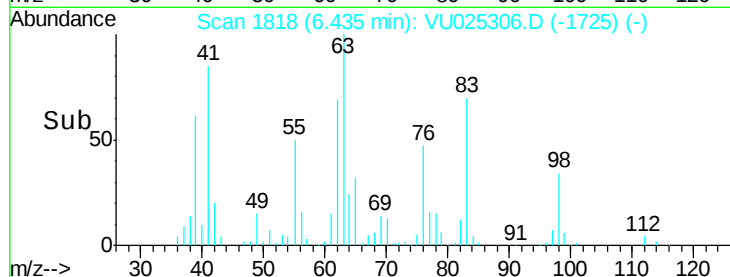
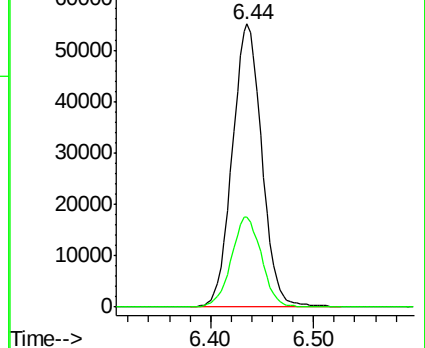
63 100

65 32.0 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU025274.D (-1802) (-)

Ion 64.90 (64.60 to 65.60): VU025306.D (-1725) (-)



#46

Dibromomethane

Concen: 47.46 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

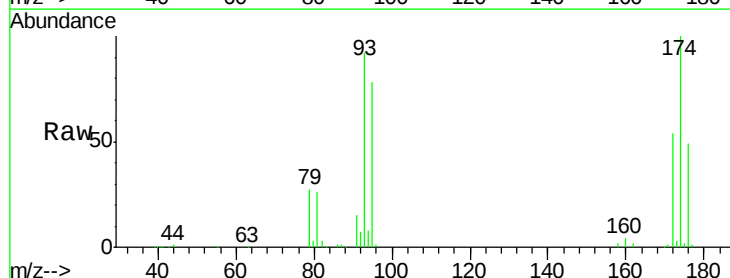
Tgt Ion: 93 Resp: 78178

Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

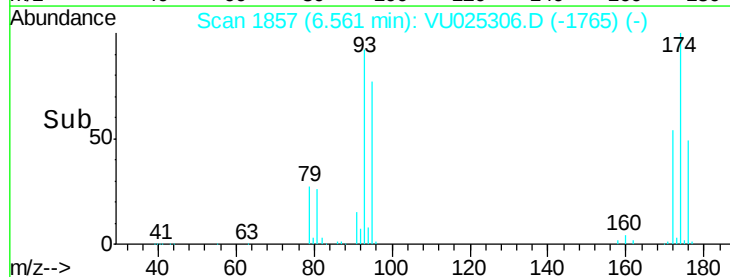
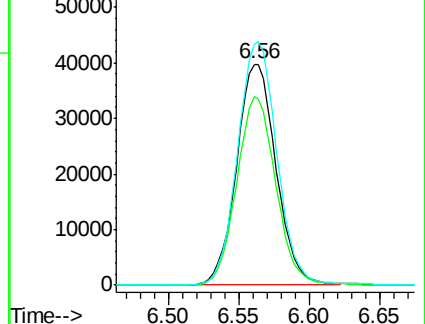
174 109.8 85.8 128.8

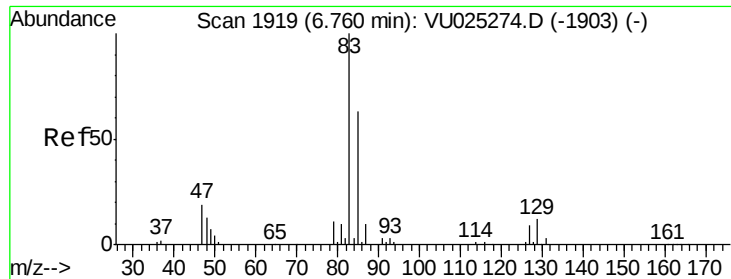


Abundance Ion 92.80 (92.50 to 93.50): VU025274.D (-1843) (-)

Ion 94.80 (94.50 to 95.50): VU025306.D (-1765) (-)

Ion 173.70 (173.40 to 174.40): VU025306.D (-1765) (-)





#47

Bromodichloromethane

Concen: 50.73 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

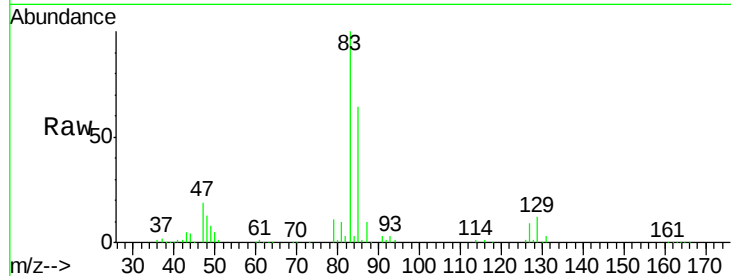
Tot Ion: 83 Resp: 155259

Ion Ratio Lower Upper

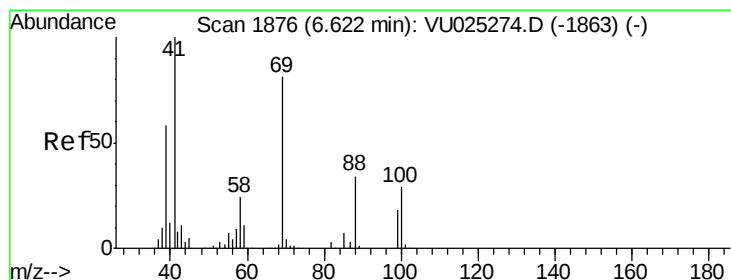
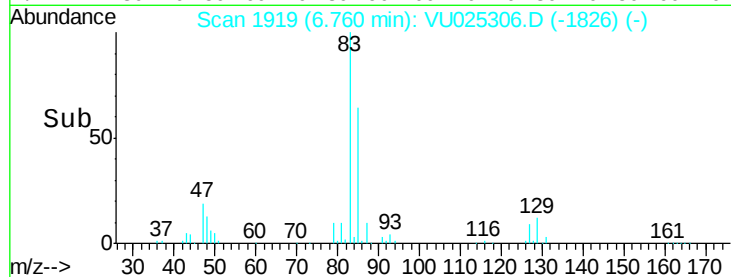
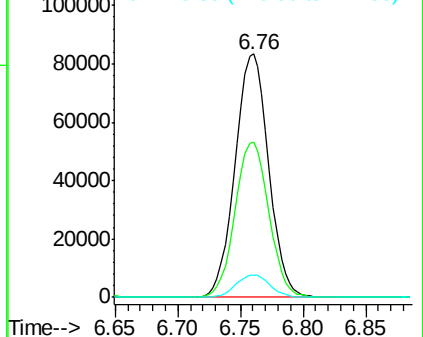
83 100

85 63.6 50.2 75.4

127 9.3 7.2 10.8



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: 47.85 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

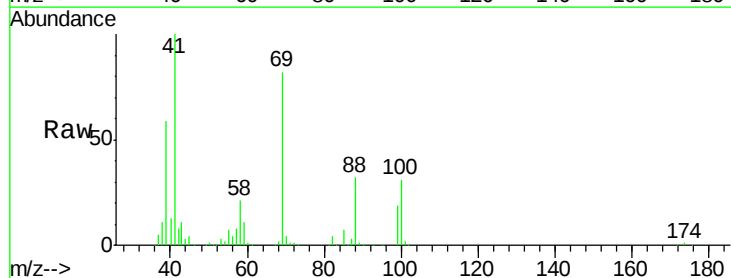
Tgt Ion: 41 Resp: 127780

Ion Ratio Lower Upper

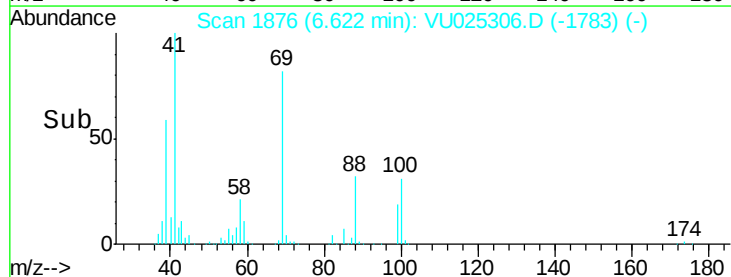
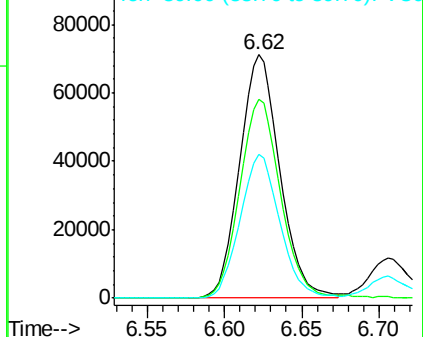
41 100

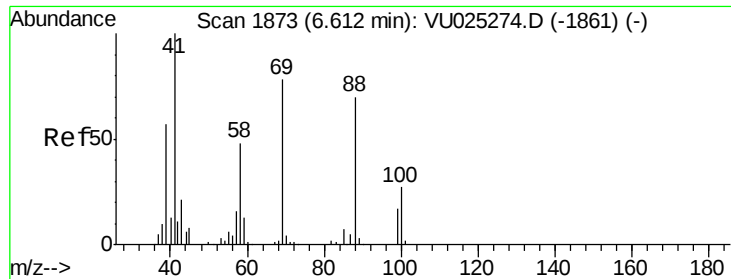
69 83.6 65.0 97.4

39 59.0 46.4 69.6



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

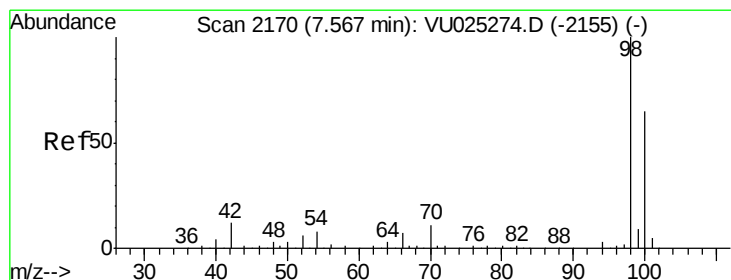
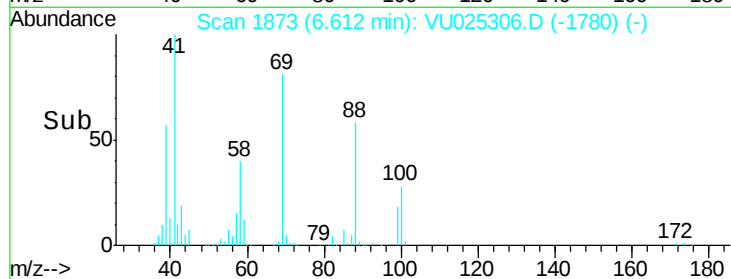
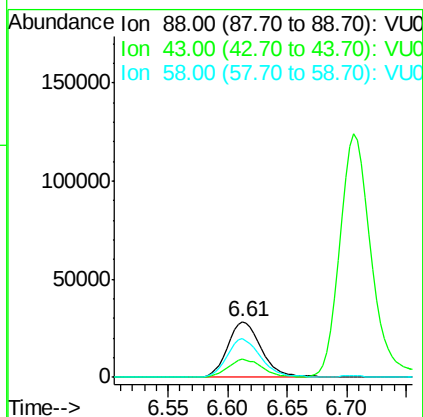
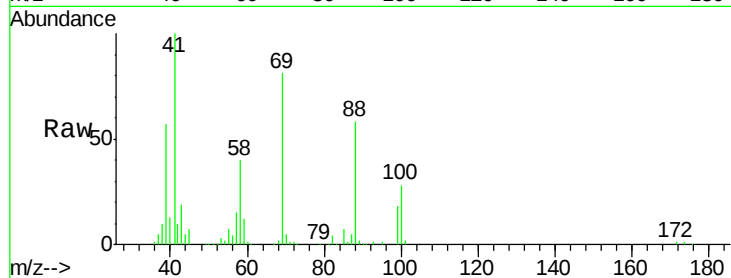




#49  
1,4-Dioxane  
Concen: 859.34 ug/l  
RT: 6.61 min Scan# 1873  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

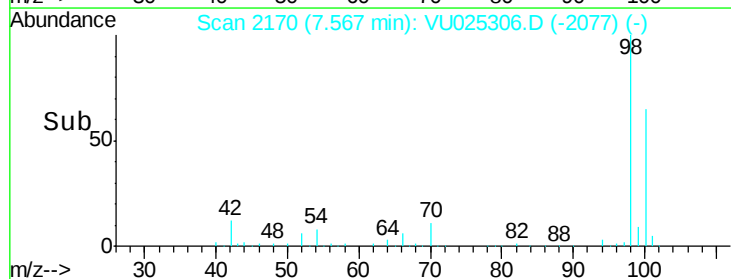
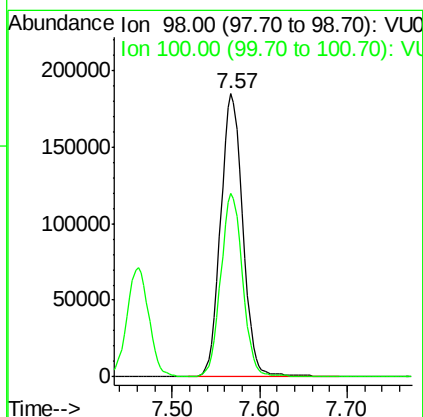
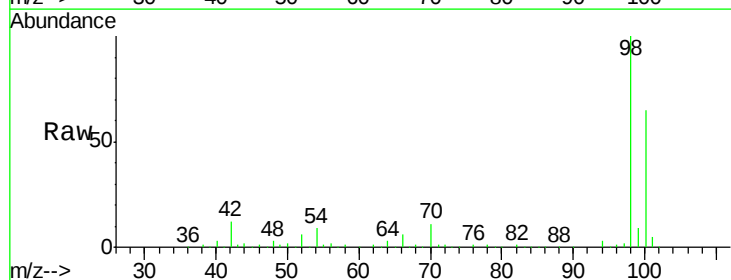
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

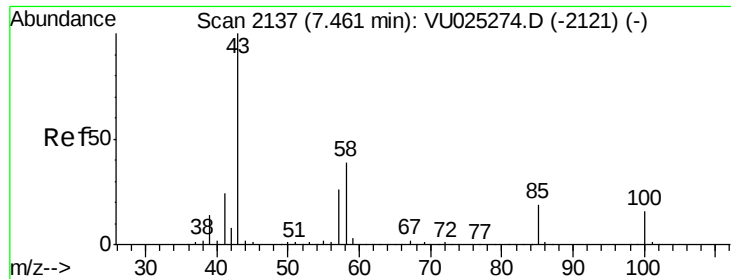
Tot Ion: 88 Resp: 55213  
Ion Ratio Lower Upper  
88 100  
43 32.8 27.3 40.9  
58 70.2 57.6 86.4



#50  
Toluene-d8  
Concen: 41.85 ug/l  
RT: 7.57 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 98 Resp: 326106  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 234.60 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

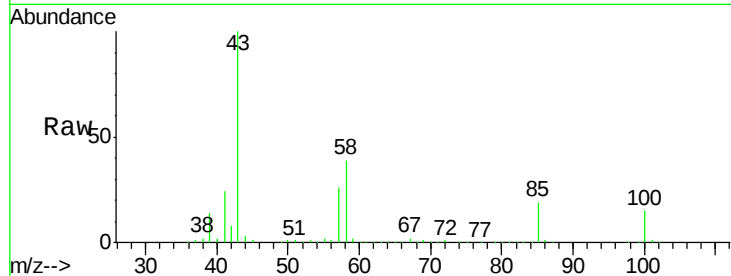
VSTDCCC050

Tot Ion: 43 Resp: 816726

Ion Ratio Lower Upper

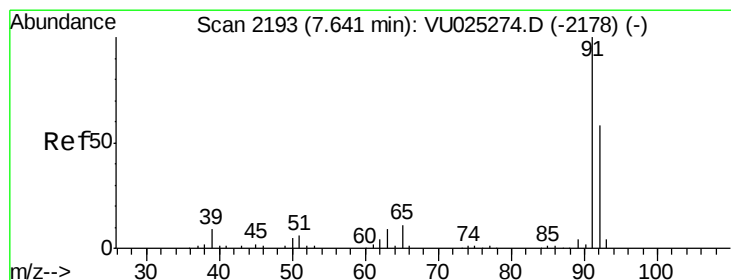
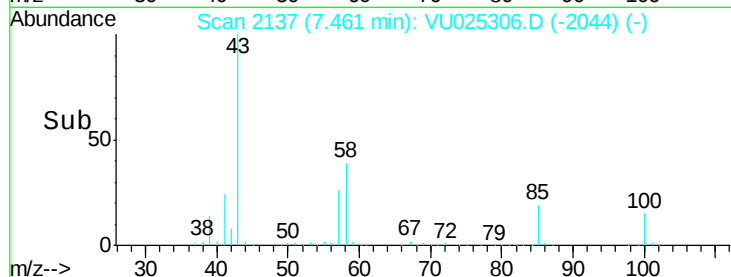
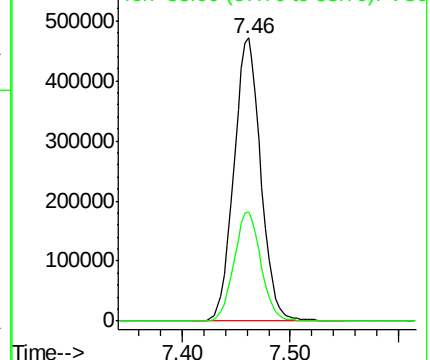
43 100

58 38.8 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 48.84 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025306.D

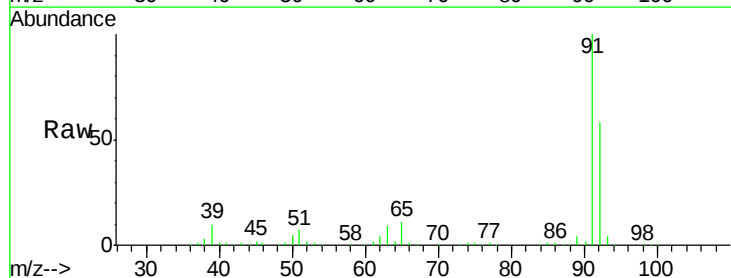
Acq: 11 Jul 2018 10:40

Tgt Ion: 92 Resp: 268559

Ion Ratio Lower Upper

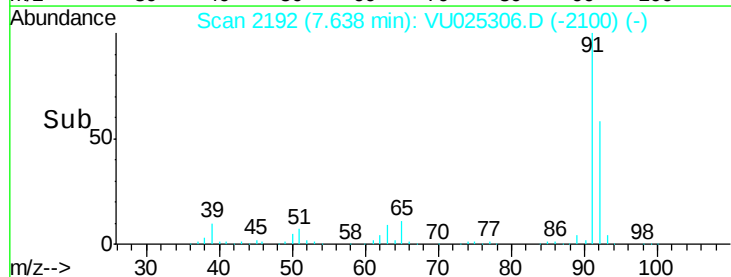
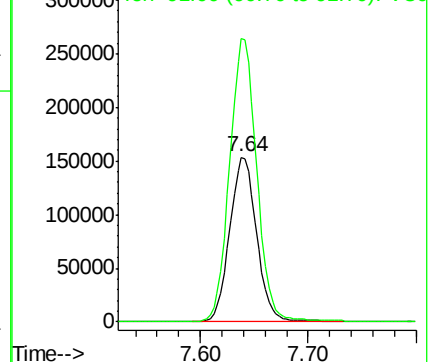
92 100

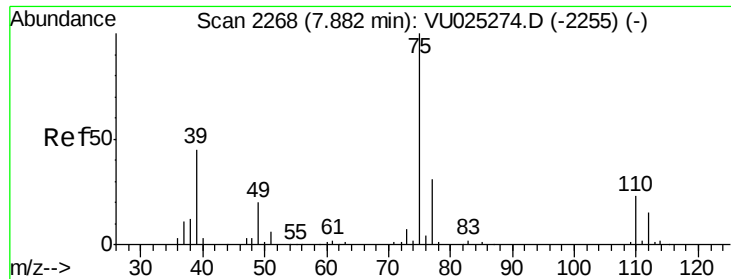
91 171.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

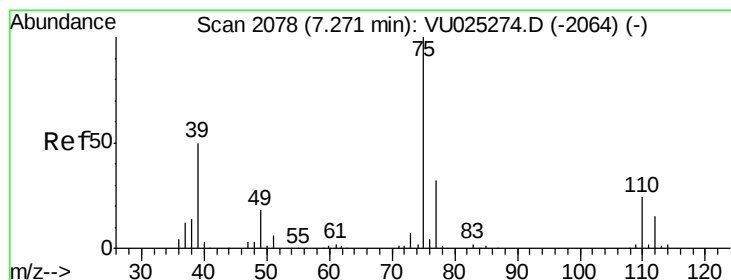
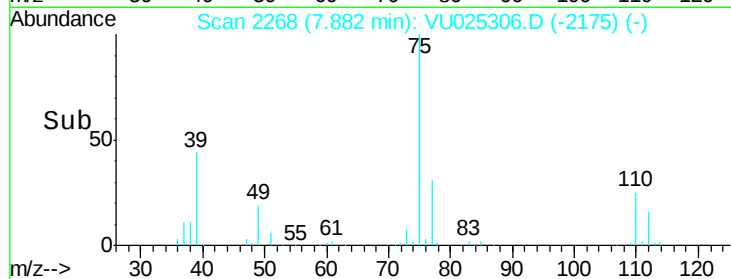
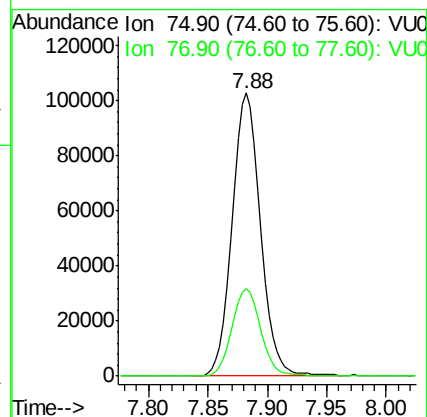
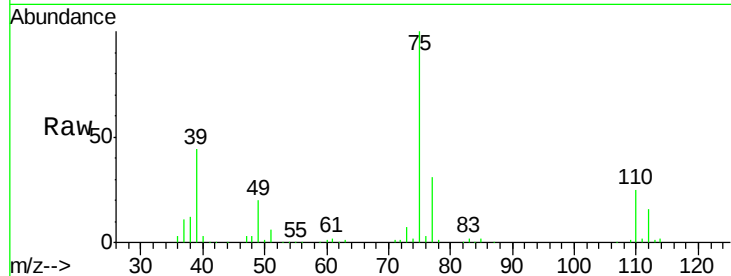




#53  
t-1,3-Dichloropropene  
Concen: 50.52 ug/l  
RT: 7.88 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

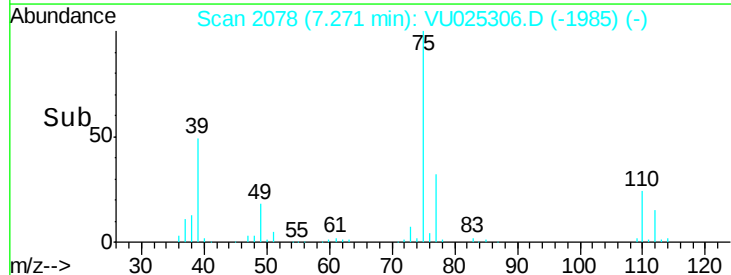
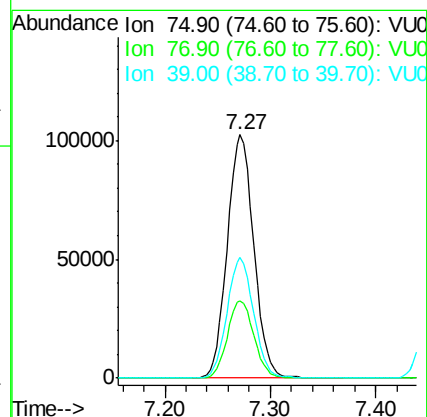
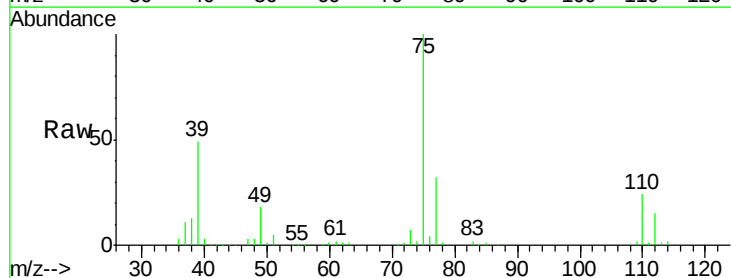
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

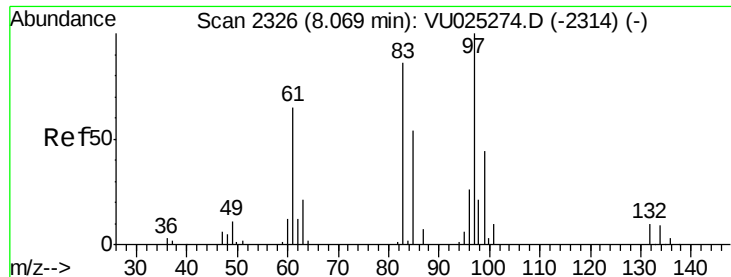
Tot Ion: 75 Resp: 169879  
Ion Ratio Lower Upper  
75 100  
77 30.9 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 49.95 ug/l  
RT: 7.27 min Scan# 2078  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 75 Resp: 178765  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 49.4 40.0 60.0

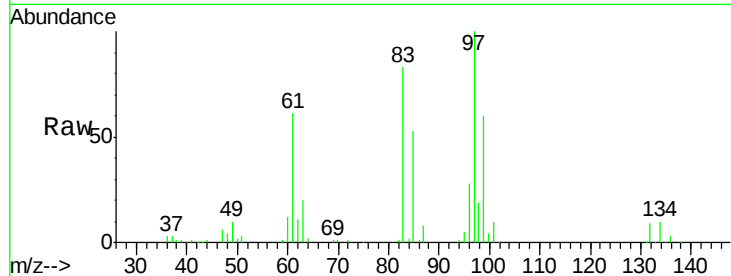




#55  
 1,1,2-Trichloroethane  
 Concen: 49.53 ug/l  
 RT: 8.07 min Scan# 2326  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 113429 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.6  | 68.9  | 103.3  |
| 85       | 52.8  | 44.4  | 66.6   |
| 99       | 60.2  | 51.0  | 76.4   |



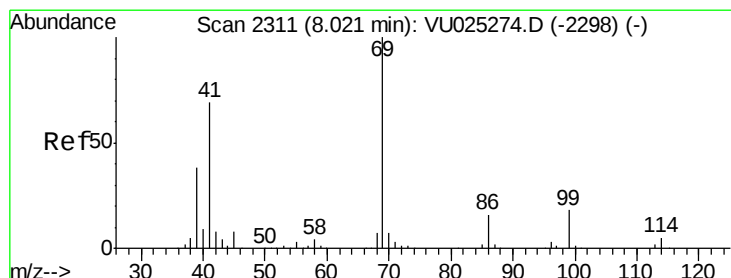
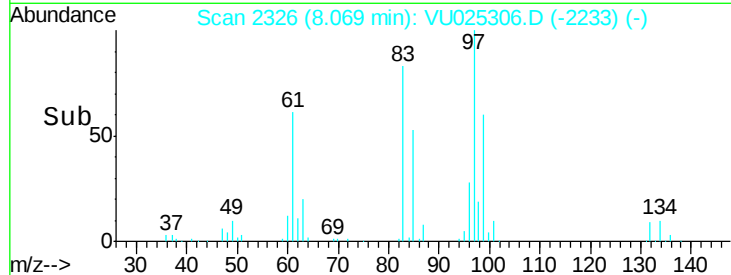
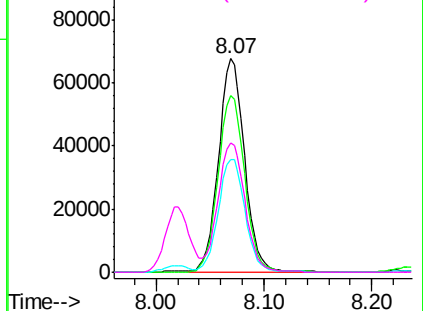
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

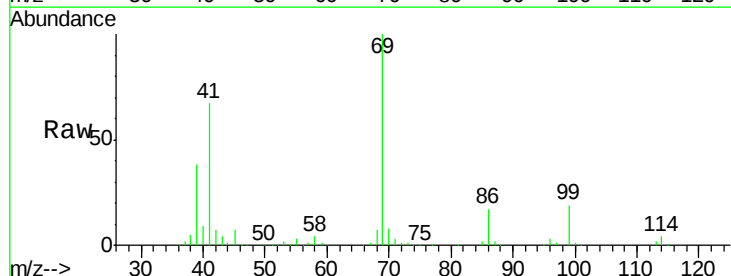
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56  
 Ethyl methacrylate  
 Concen: 49.07 ug/l  
 RT: 8.02 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 175513 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.2  | 54.8  | 82.2   |
| 39       | 37.3  | 31.1  | 46.7   |

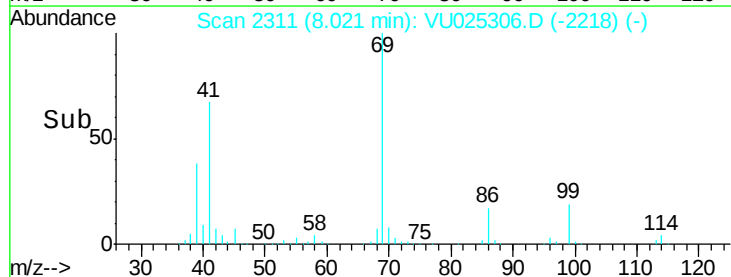
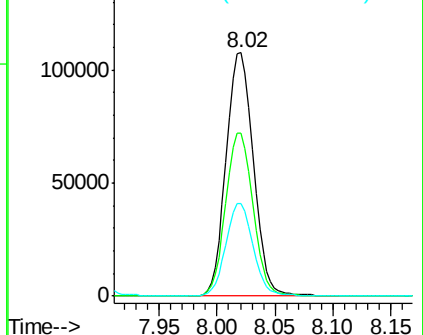


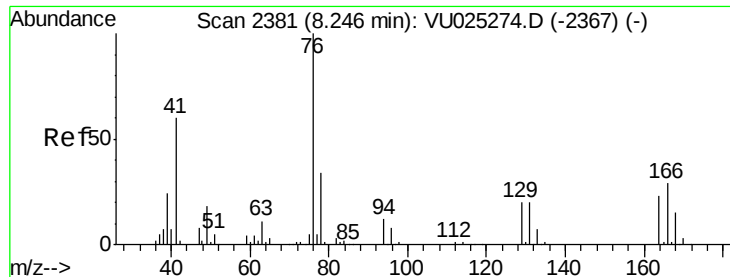
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

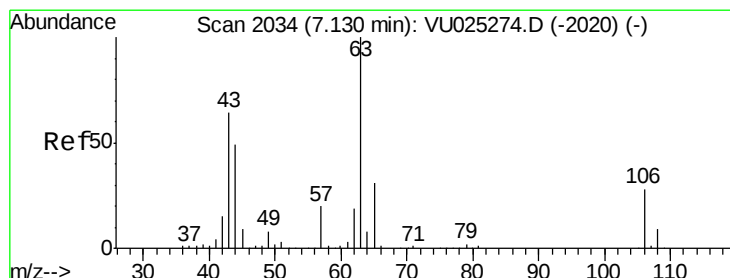
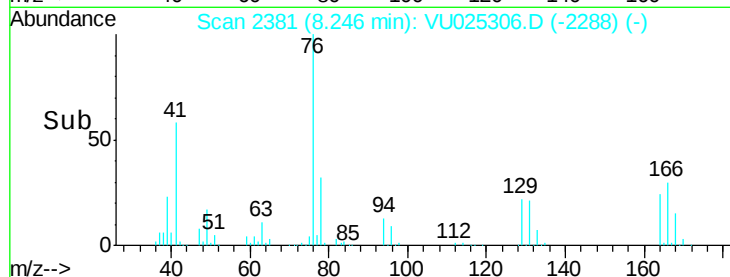
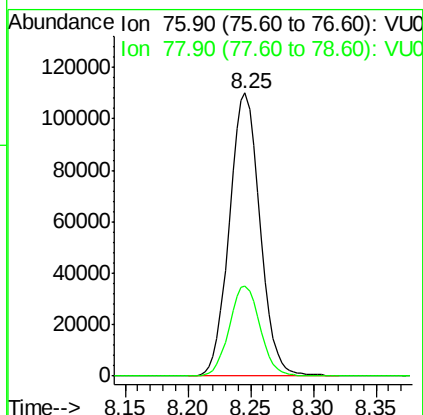
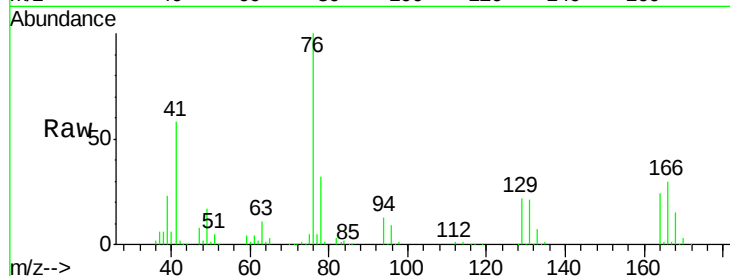




#57  
 1,3-Dichloropropane  
 Concen: 49.20 ug/l  
 RT: 8.25 min Scan# 2381  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

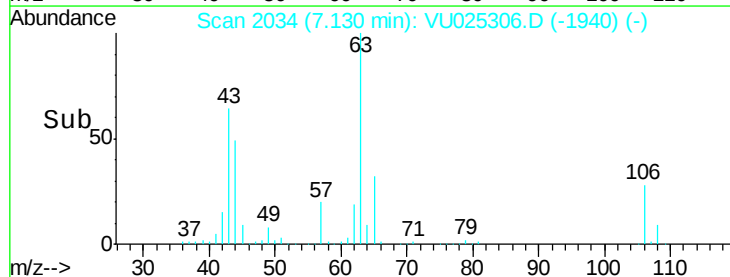
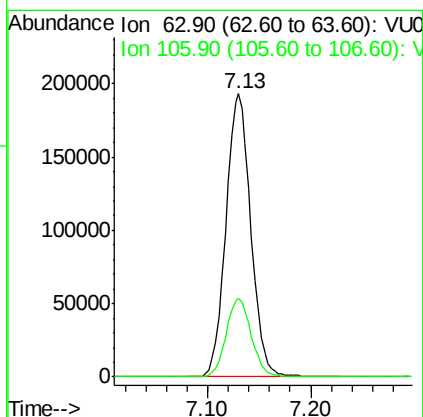
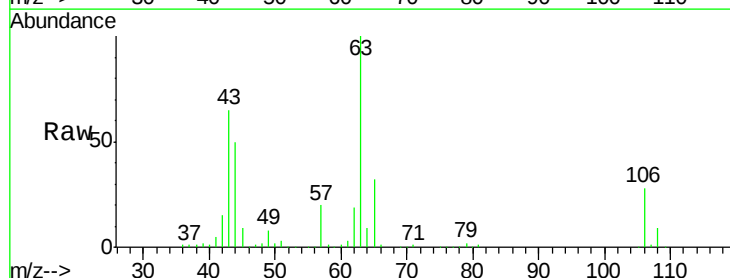
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

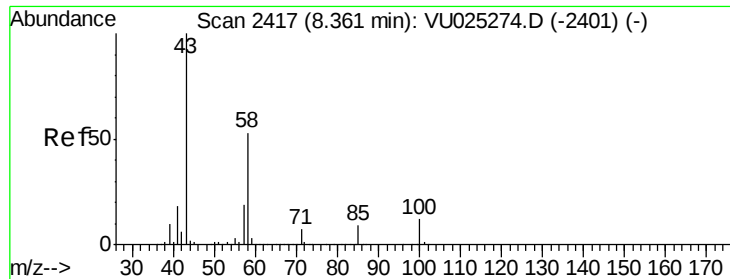
Tot Ion: 76 Resp: 187058  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 26.1 39.1



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 202.14 ug/l  
 RT: 7.13 min Scan# 2034  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion: 63 Resp: 324109  
 Ion Ratio Lower Upper  
 63 100  
 106 28.0 22.3 33.5

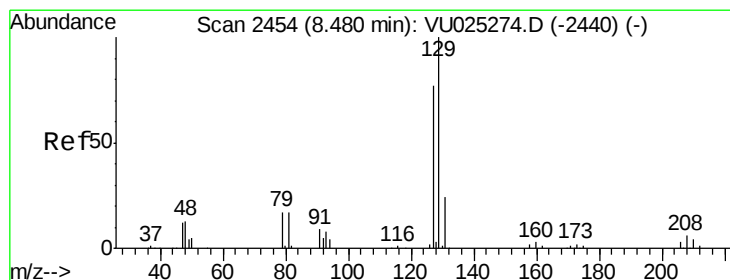
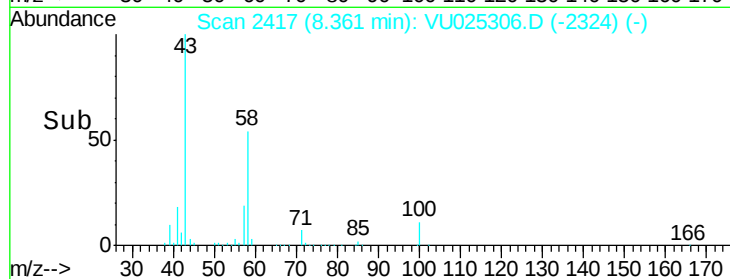
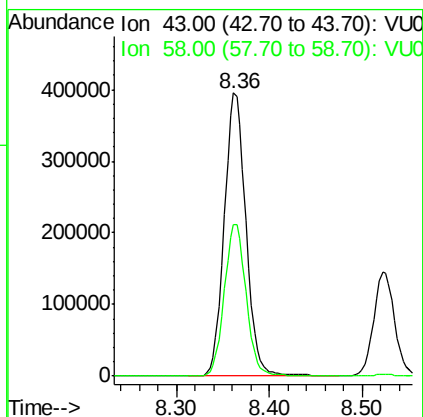
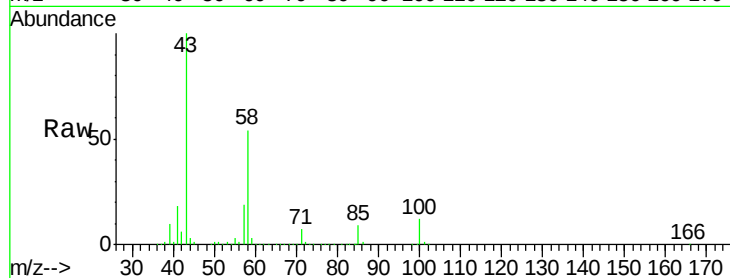




#59  
2-Hexanone  
Concen: 227.56 ug/l  
RT: 8.36 min Scan# 2417  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

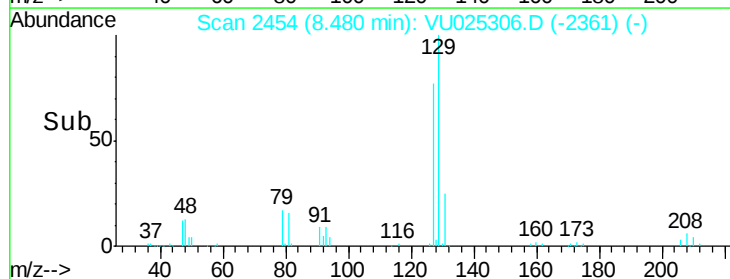
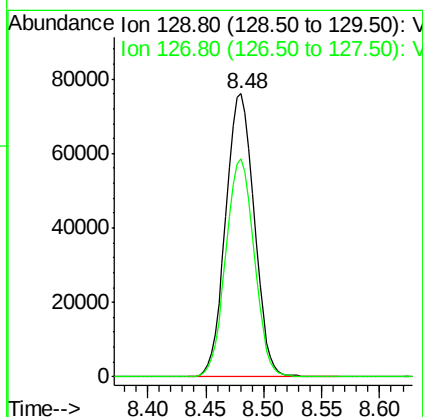
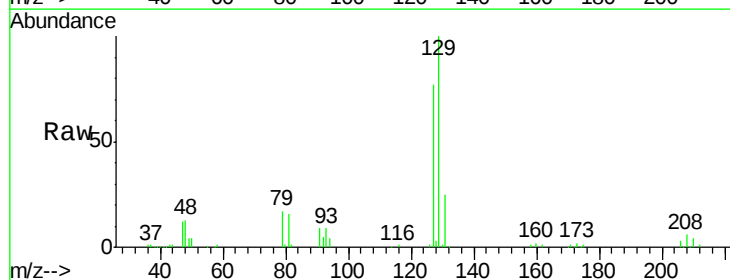
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

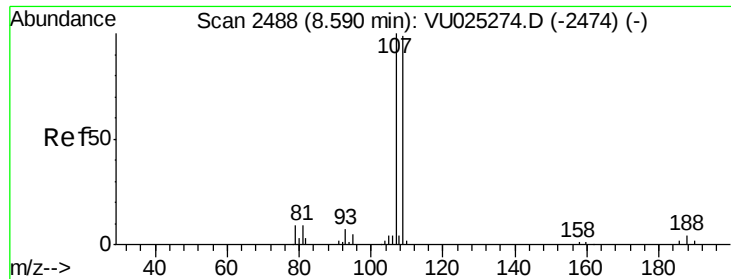
Tot Ion: 43 Resp: 642578  
Ion Ratio Lower Upper  
43 100  
58 54.0 26.2 78.5



#60  
Dibromochloromethane  
Concen: 52.50 ug/l  
RT: 8.48 min Scan# 2454  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 129 Resp: 129842  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.47 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

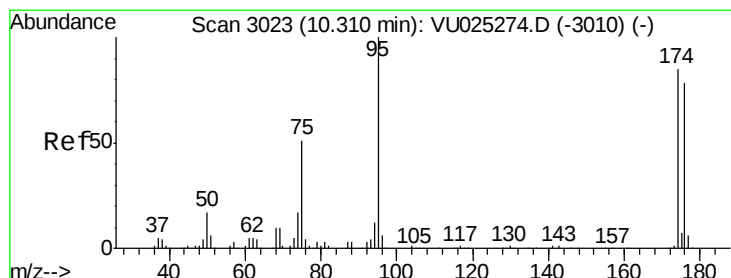
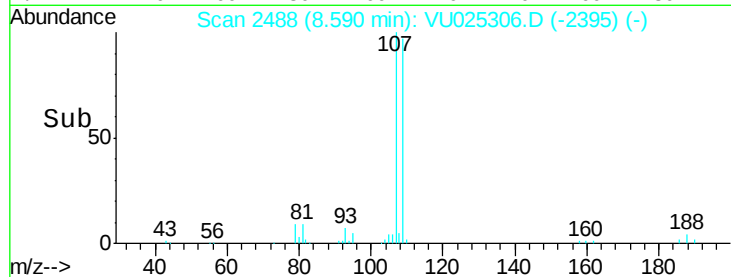
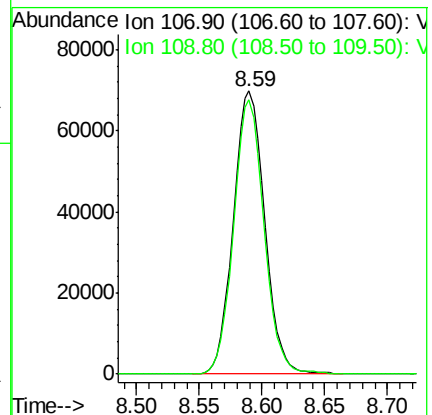
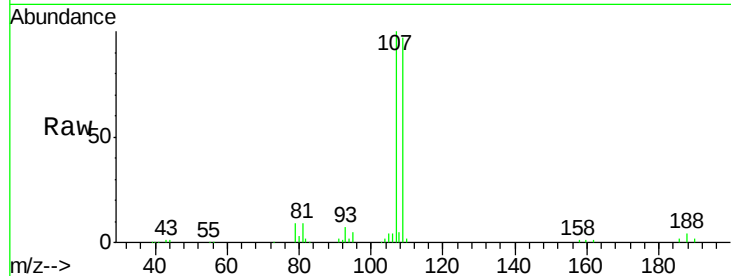
VSTDCCC050

Tot Ion:107 Resp: 121213

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 43.16 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

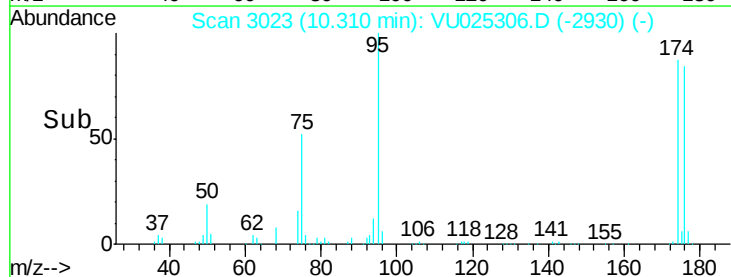
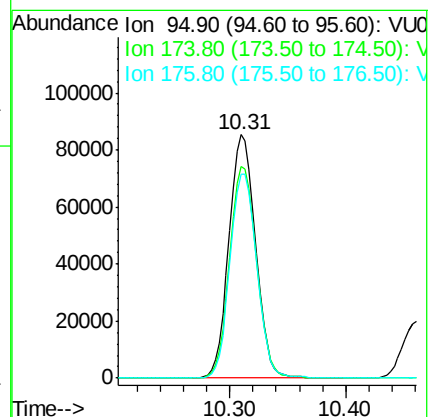
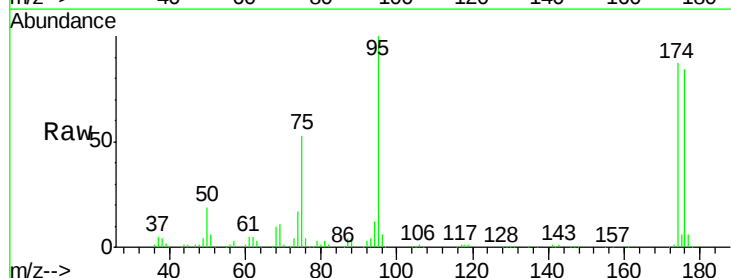
Tgt Ion: 95 Resp: 135399

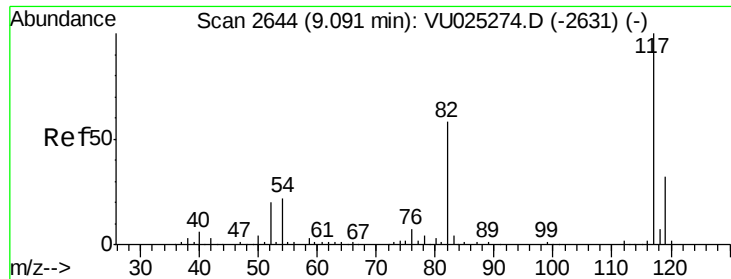
Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

176 84.4 0.0 162.6

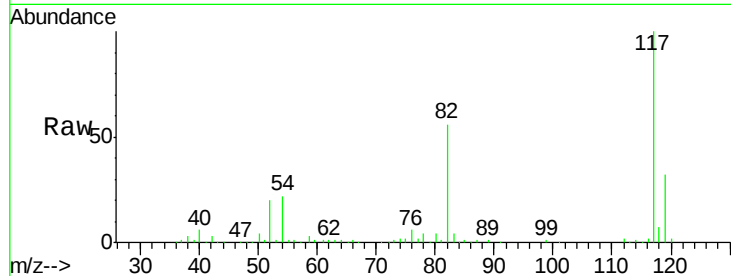




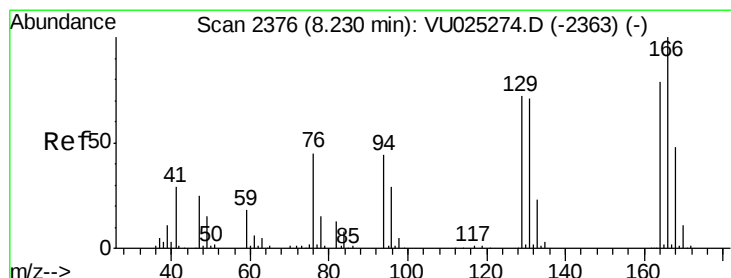
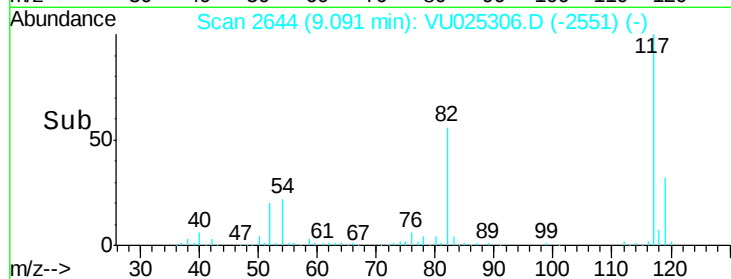
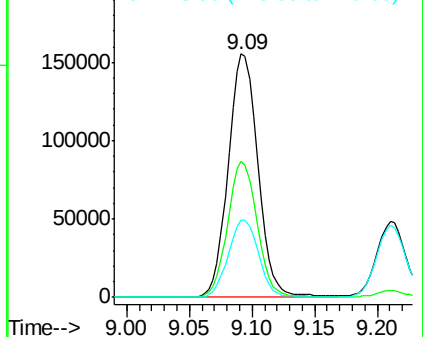
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.09 min Scan# 2644  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 256520  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.0 69.0  
119 31.7 26.0 39.0

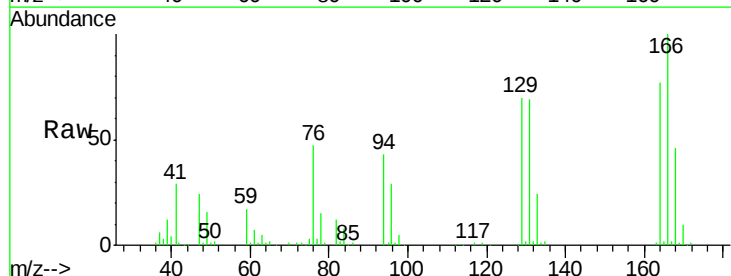


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

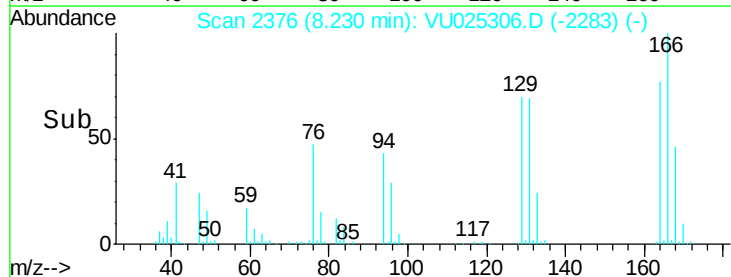
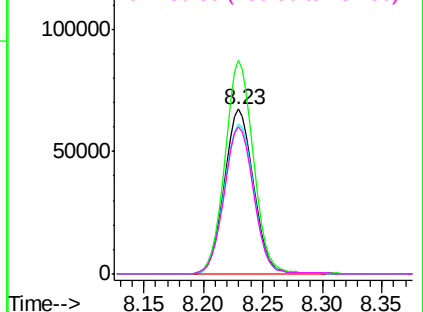


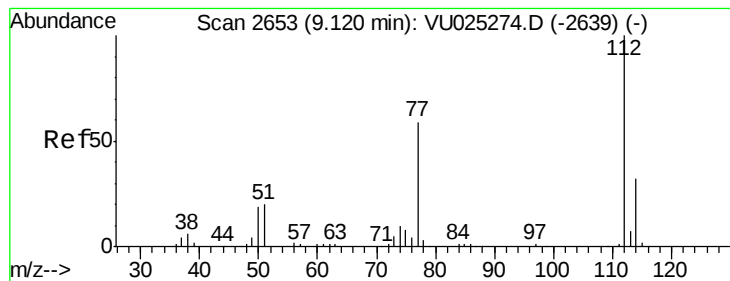
#64  
Tetrachloroethene  
Concen: 48.78 ug/l  
RT: 8.23 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion:164 Resp: 114058  
Ion Ratio Lower Upper  
164 100  
166 129.6 101.1 151.7  
129 90.5 73.0 109.6  
131 89.4 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.37 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

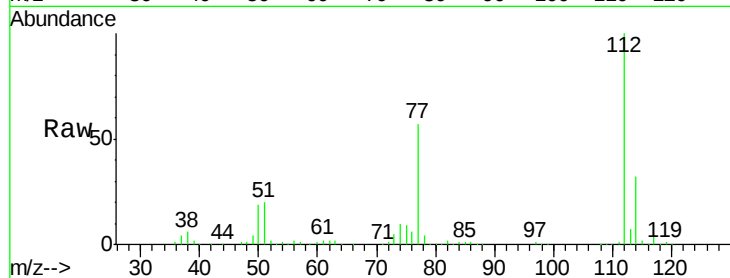
VSTDCCC050

Tot Ion:112 Resp: 309958

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

200000

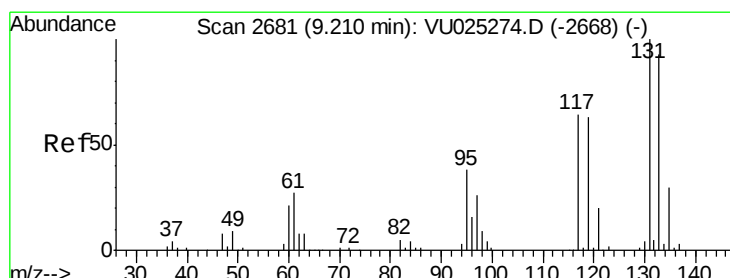
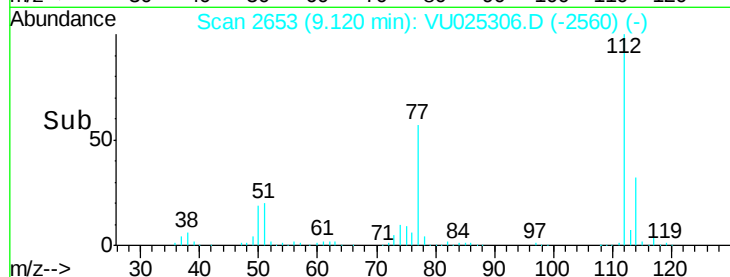
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.16 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

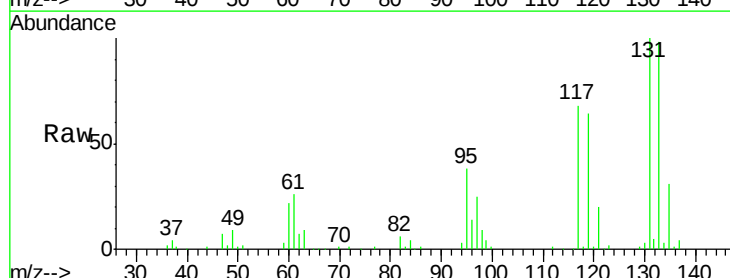
Tgt Ion:131 Resp: 117277

Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 64.5 31.6 95.0



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

9.21

80000

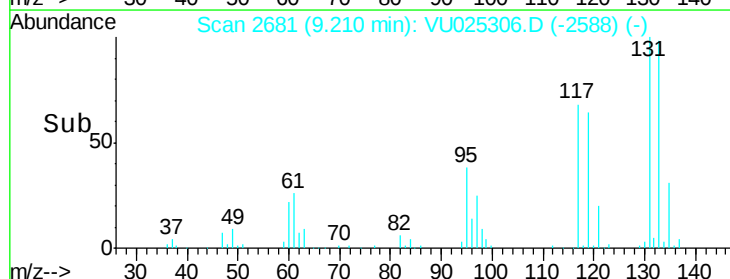
60000

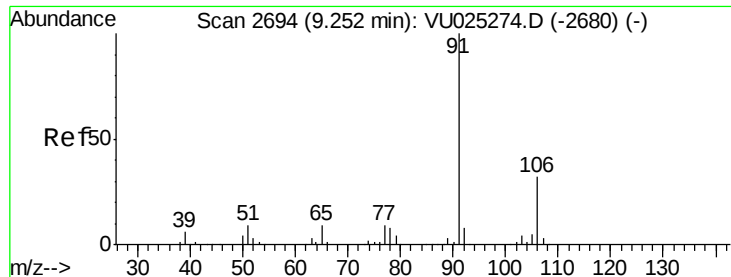
40000

20000

0

Time-->

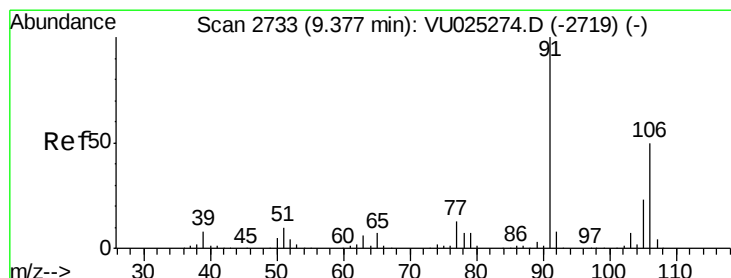
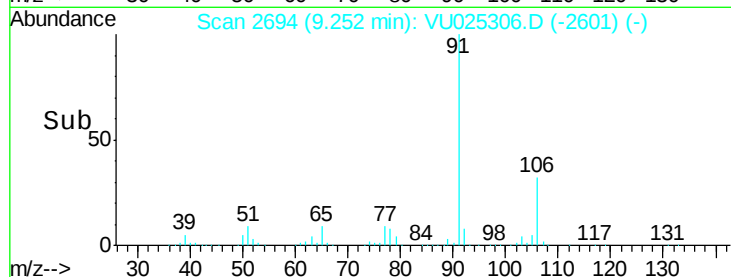
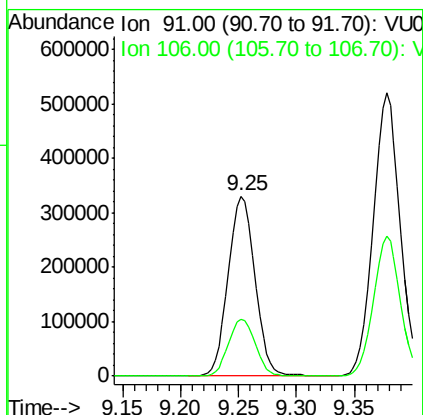
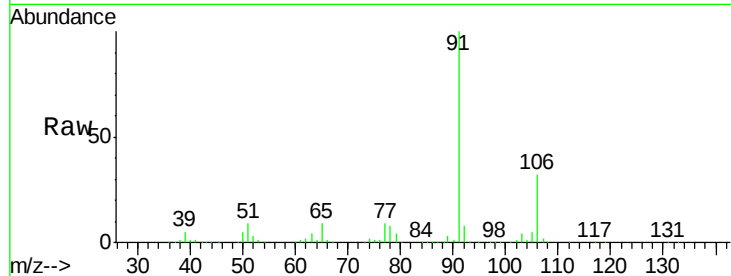




#67  
Ethyl Benzene  
Concen: 48.50 ug/l  
RT: 9.25 min Scan# 2694  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

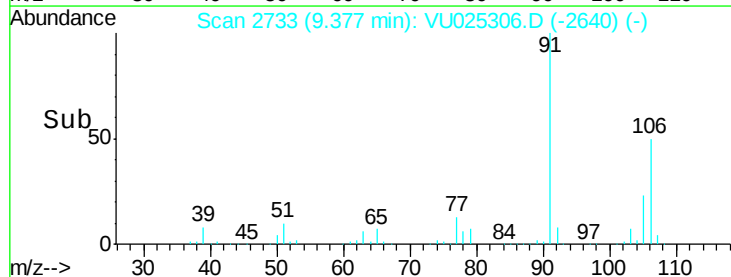
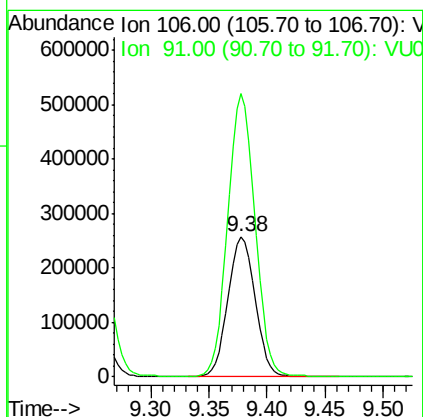
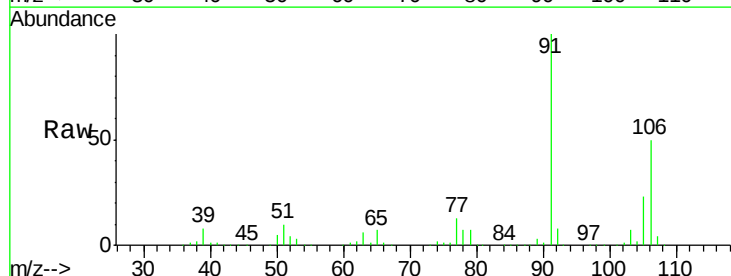
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

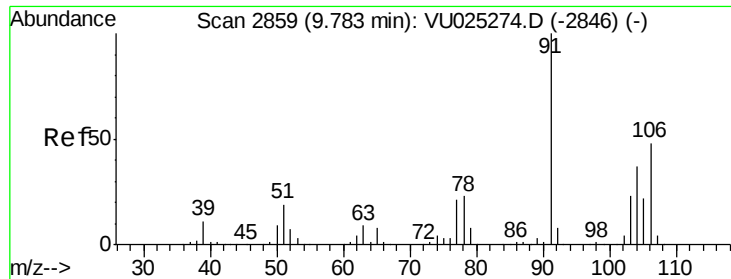
Tot Ion: 91 Resp: 529806  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.3 37.9



#68  
m/p-Xylenes  
Concen: 98.49 ug/l  
RT: 9.38 min Scan# 2733  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 106 Resp: 415977  
Ion Ratio Lower Upper  
106 100  
91 201.6 162.3 243.5

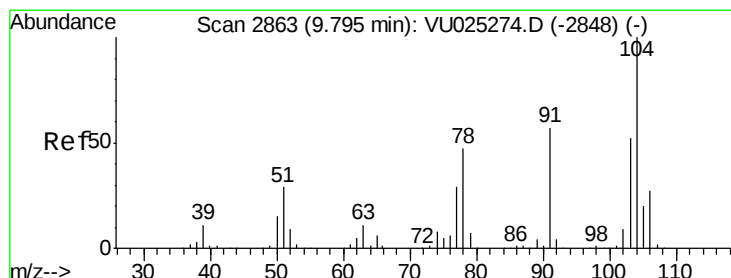
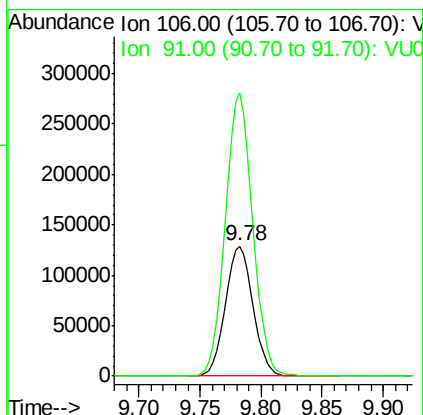
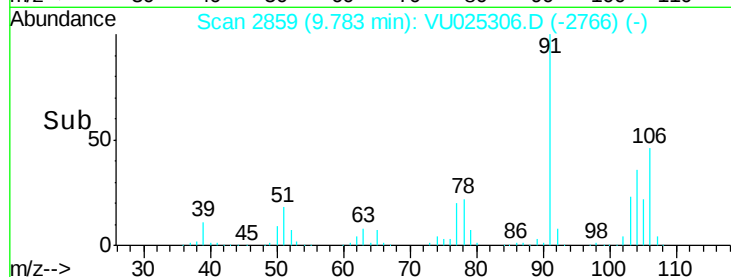
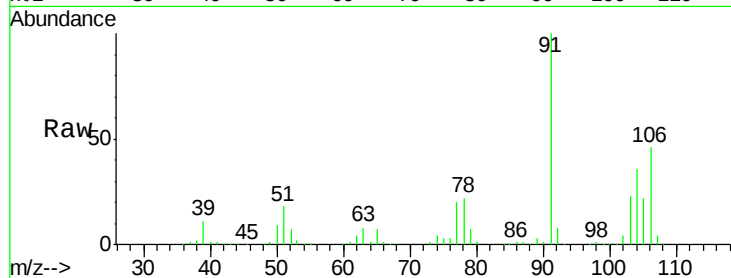




#69  
o-Xylene  
Concen: 48.39 ug/l  
RT: 9.78 min Scan# 2859  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

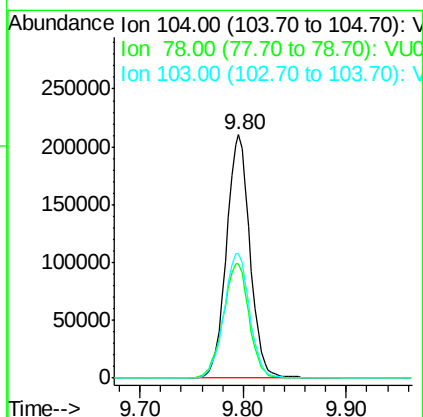
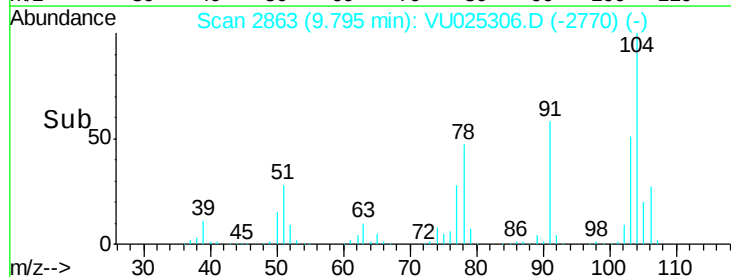
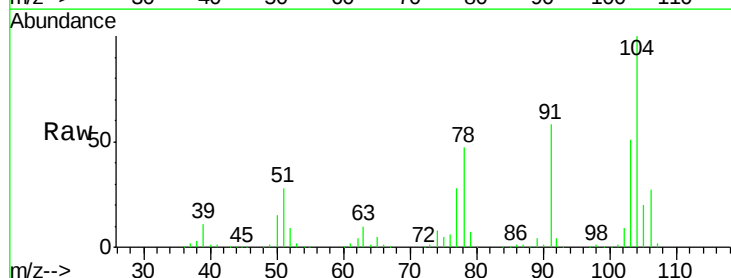
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

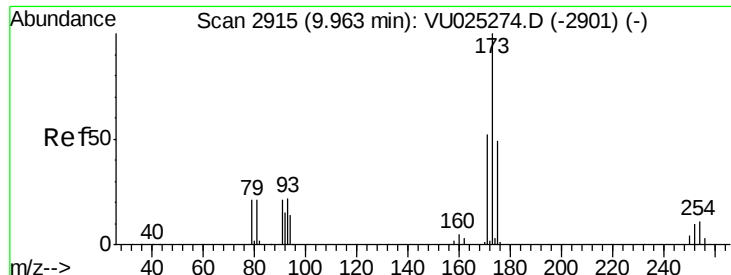
Tot Ion:106 Resp: 204601  
Ion Ratio Lower Upper  
106 100  
91 216.5 105.3 315.8



#70  
Styrene  
Concen: 49.81 ug/l  
RT: 9.80 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion:104 Resp: 334545  
Ion Ratio Lower Upper  
104 100  
78 51.7 41.6 62.4  
103 55.7 44.6 66.8





#71

Bromoform

Concen: 45.55 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

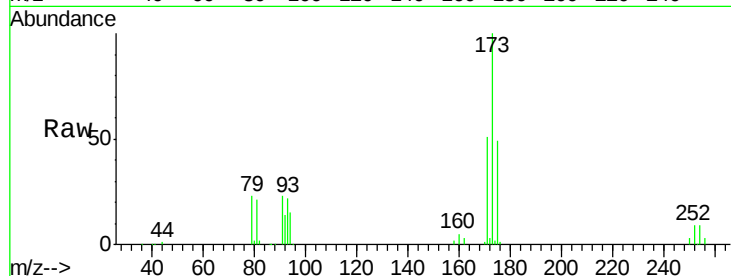
Tot Ion:173 Resp: 99941

Ion Ratio Lower Upper

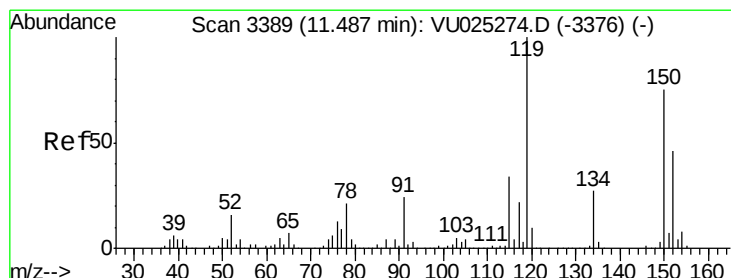
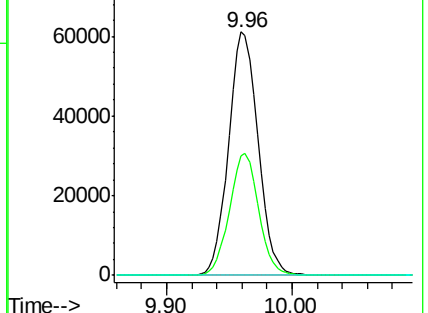
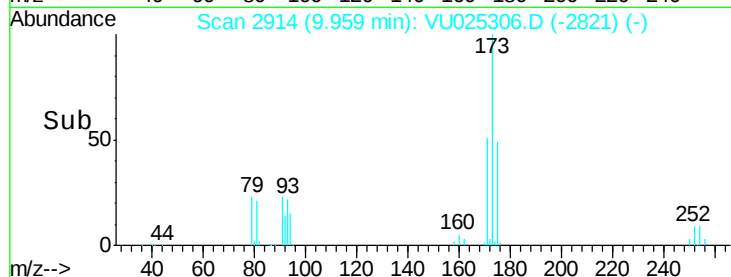
173 100

175 49.3 24.0 72.0

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

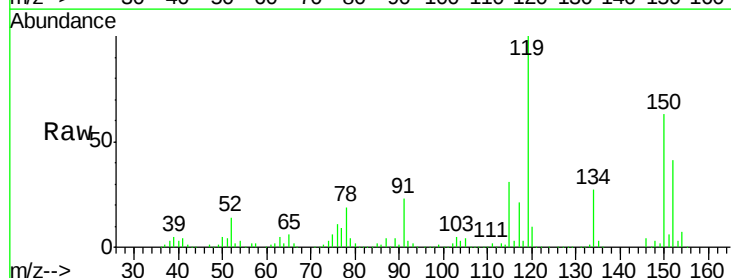
Tgt Ion:152 Resp: 157180

Ion Ratio Lower Upper

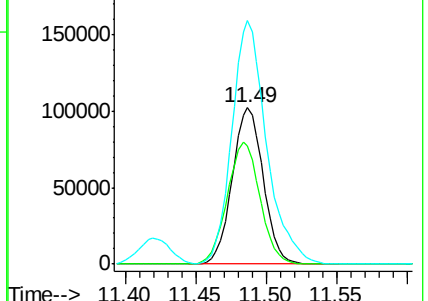
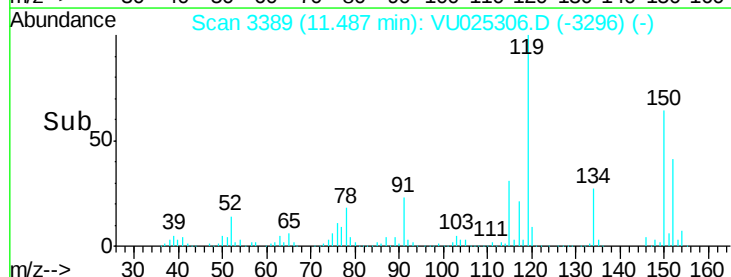
152 100

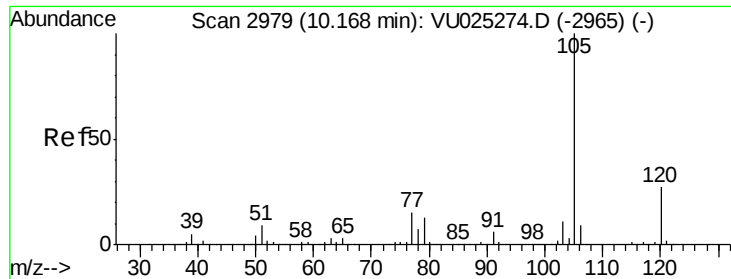
115 82.3 40.1 120.3

150 173.7 0.0 351.4



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





#73

Isopropylbenzene

Concen: 46.63 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

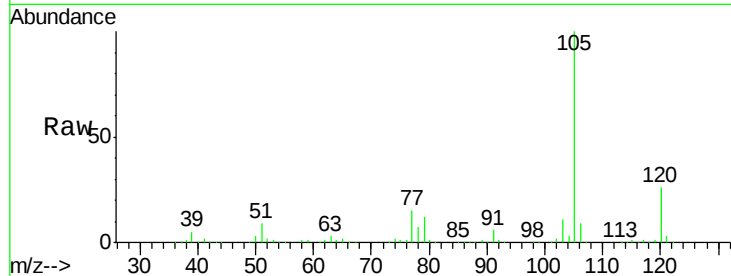
VSTDCCC050

Tot Ion:105 Resp: 559969

Ion Ratio Lower Upper

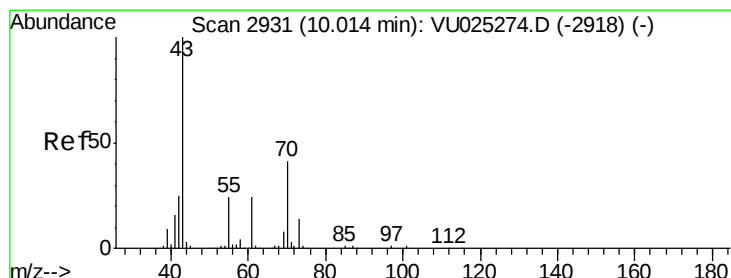
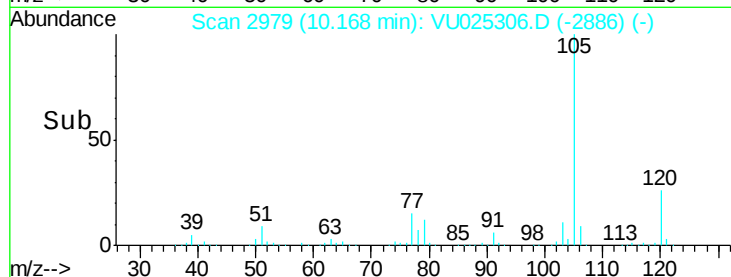
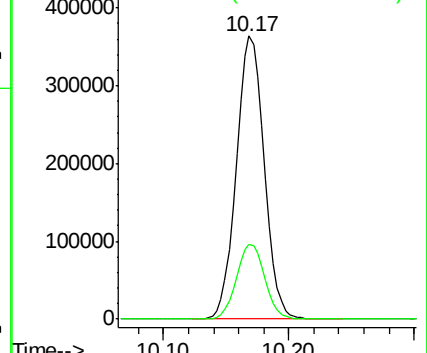
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.85 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Tgt Ion: 43 Resp: 229901

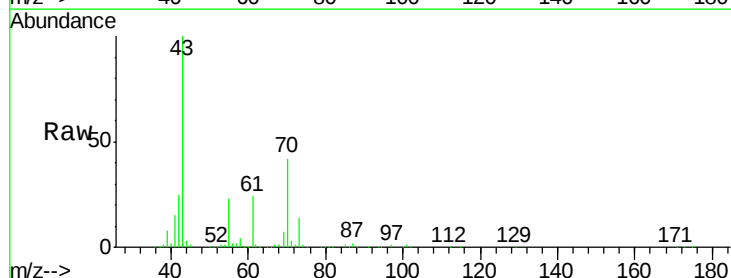
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.2

55 23.6 19.0 28.6

61 23.8 19.3 28.9

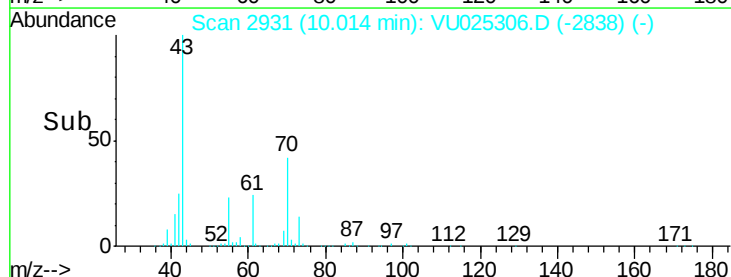
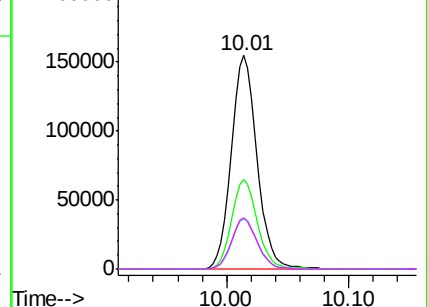


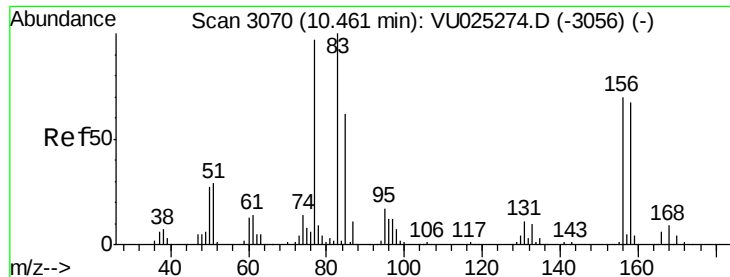
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.72 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

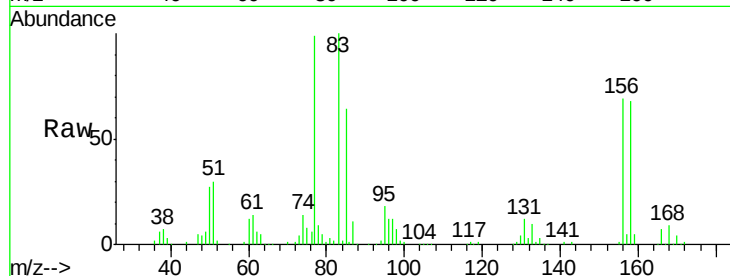
Tot Ion: 83 Resp: 179618

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

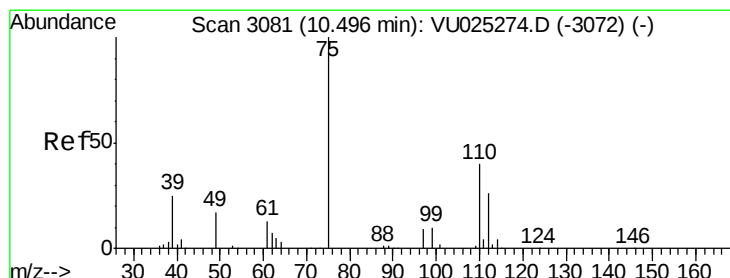
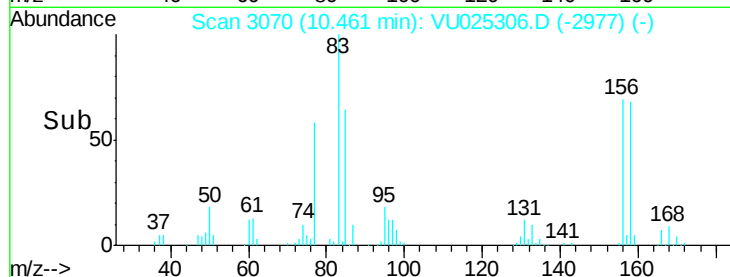
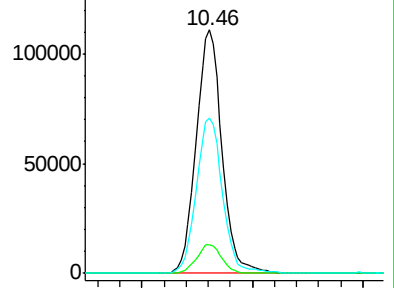
85 65.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VU025306.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025306.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025306.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 65.26 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025306.D

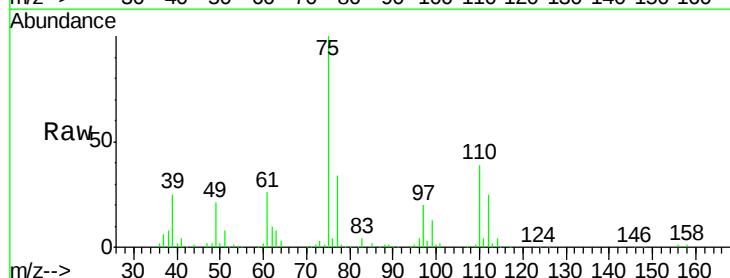
Acq: 11 Jul 2018 10:40

Tgt Ion: 75 Resp: 212727

Ion Ratio Lower Upper

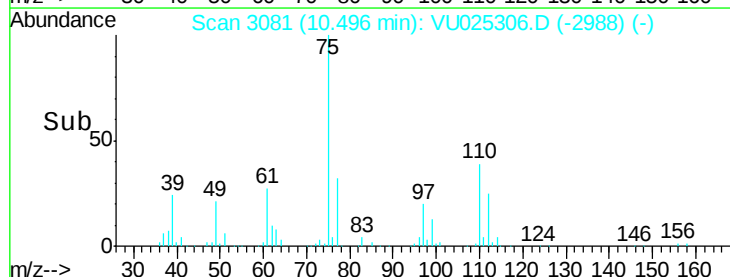
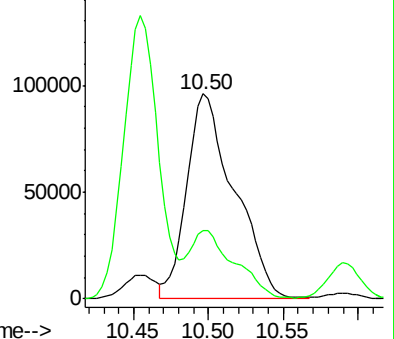
75 100

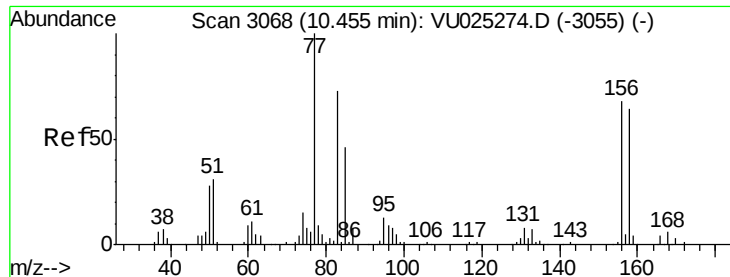
77 30.6 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VU025306.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025306.D (-2988) (-)





#77

Bromobenzene

Concen: 46.25 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

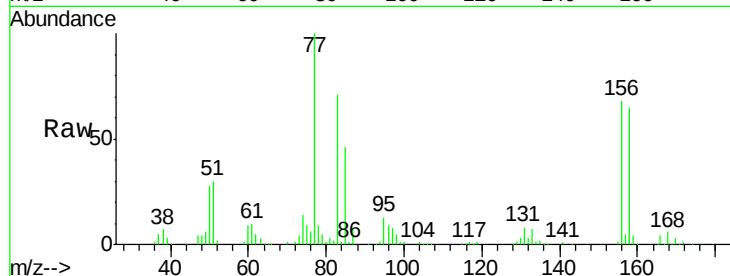
Tot Ion:156 Resp: 142090

Ion Ratio Lower Upper

156 100

77 149.4 73.8 221.4

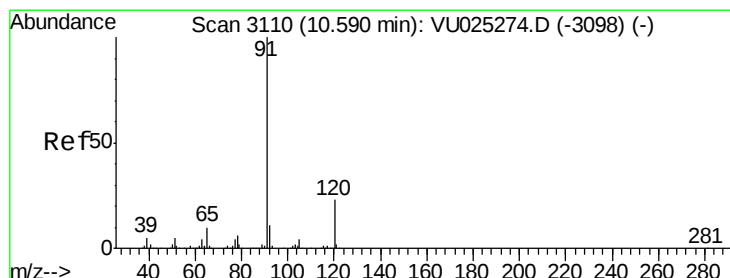
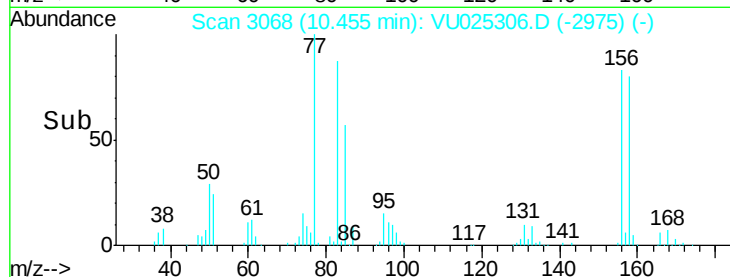
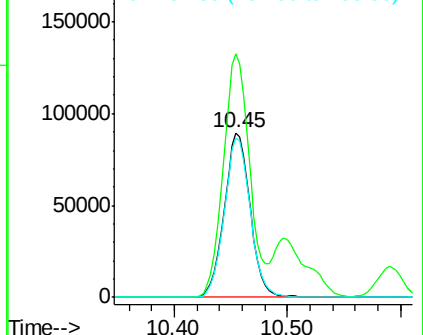
158 97.7 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.09 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025306.D

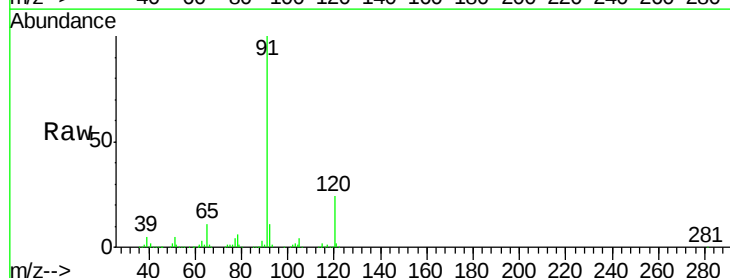
Acq: 11 Jul 2018 10:40

Tgt Ion: 91 Resp: 640852

Ion Ratio Lower Upper

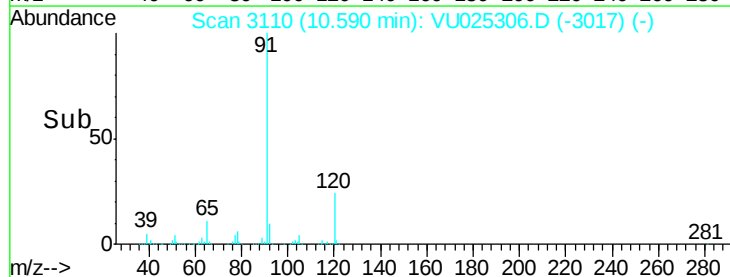
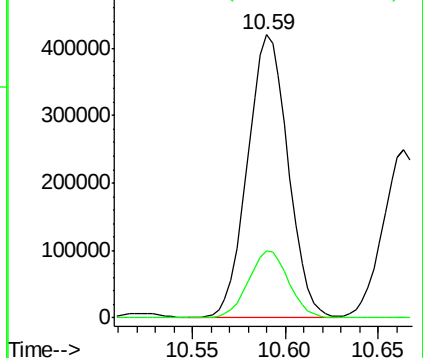
91 100

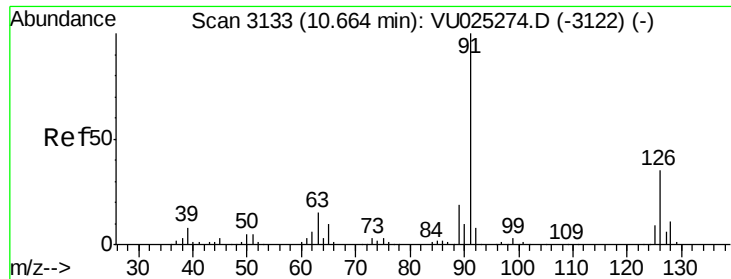
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.80 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

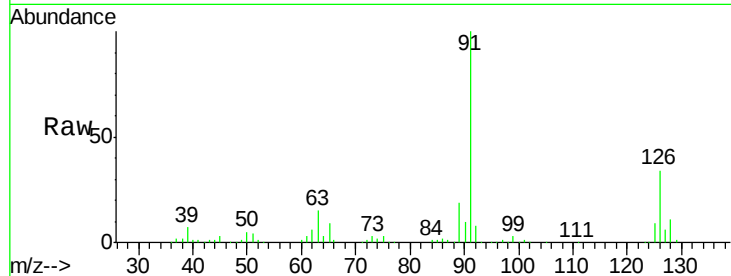
VSTDCCC050

Tot Ion: 91 Resp: 381056

Ion Ratio Lower Upper

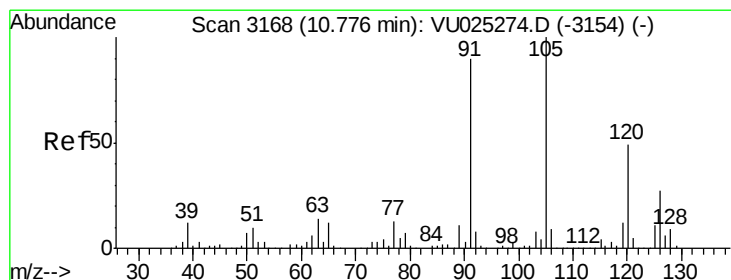
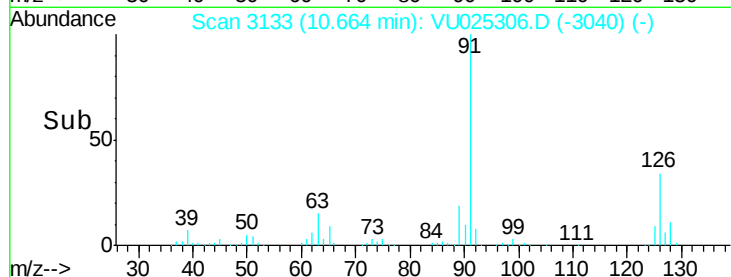
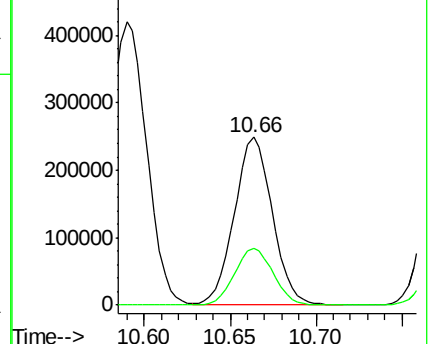
91 100

126 34.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025274.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.78 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025306.D

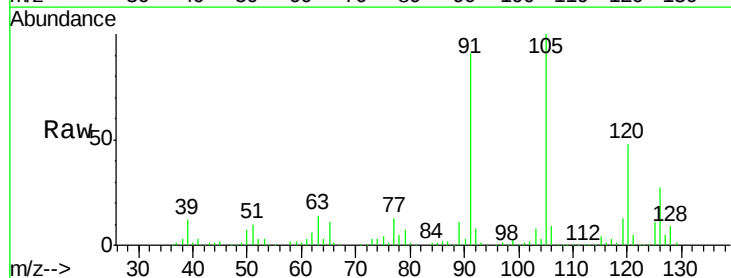
Acq: 11 Jul 2018 10:40

Tgt Ion: 105 Resp: 482866

Ion Ratio Lower Upper

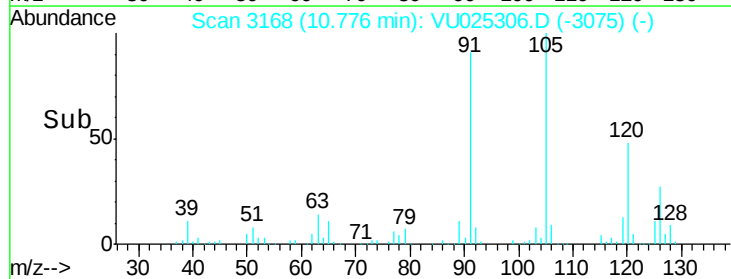
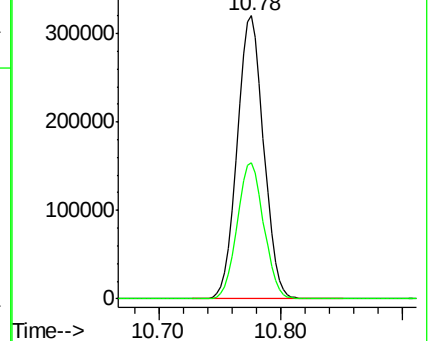
105 100

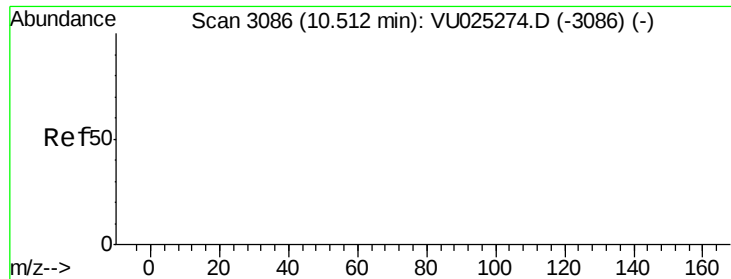
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 169.88 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

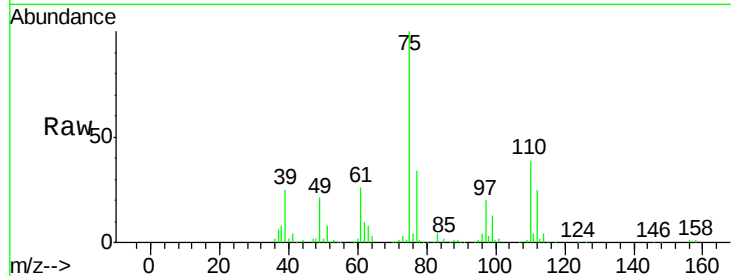
Tot Ion: 75 Resp: 212727

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

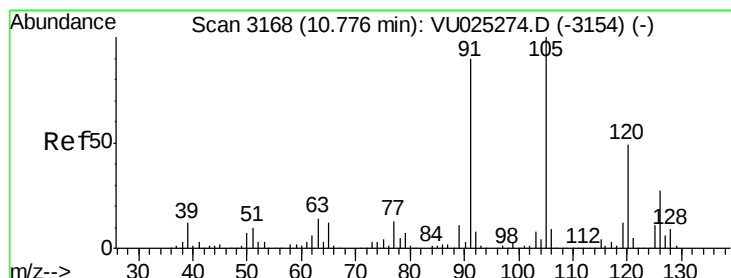
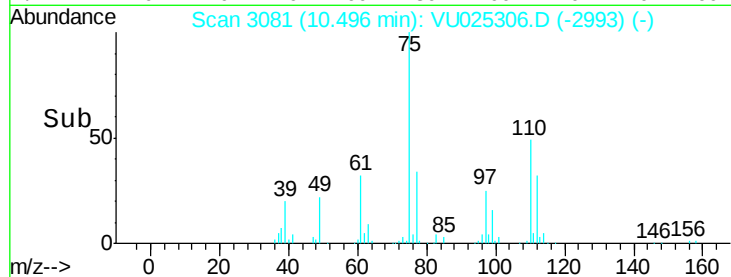
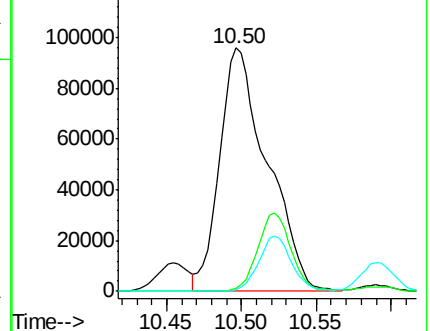
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU025274.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU025274.D (-3086) (-)



#82

4-Chlorotoluene

Concen: 47.33 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025306.D

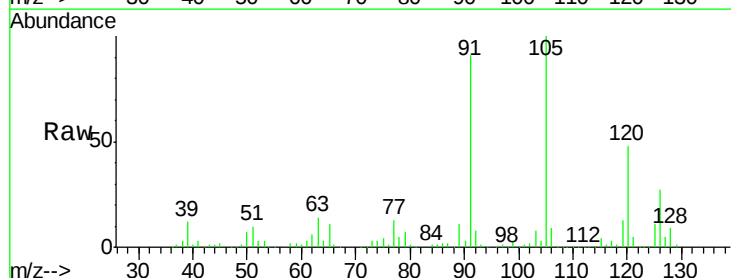
Acq: 11 Jul 2018 10:40

Tgt Ion: 91 Resp: 446609

Ion Ratio Lower Upper

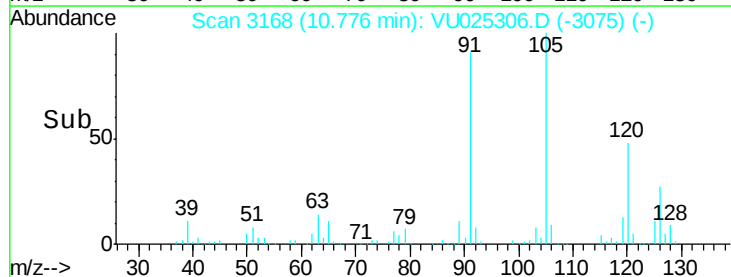
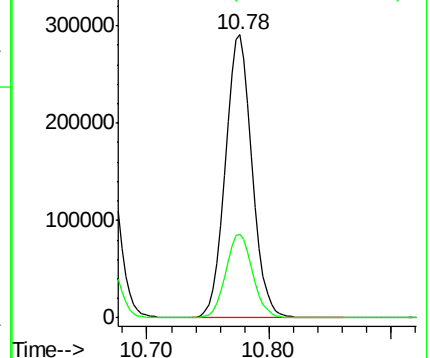
91 100

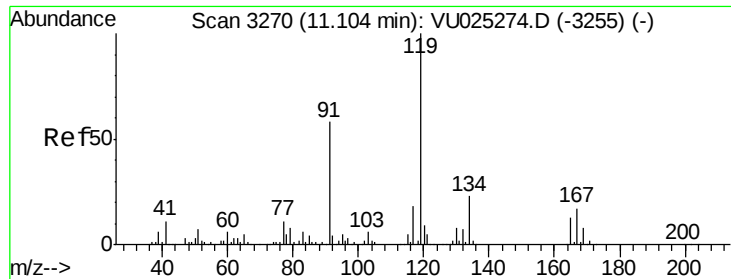
126 30.0 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3154) (-)

Ion 125.90 (125.60 to 126.60): VU025274.D (-3154) (-)

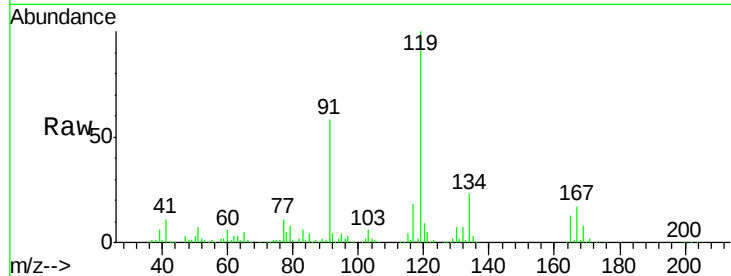




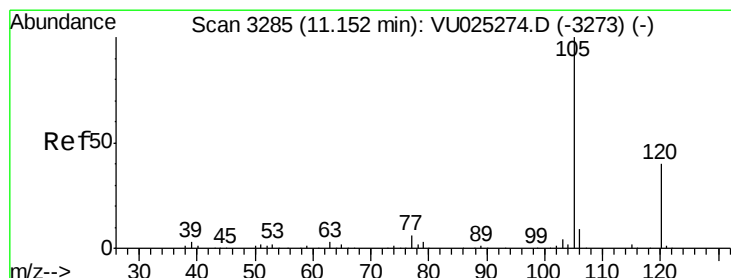
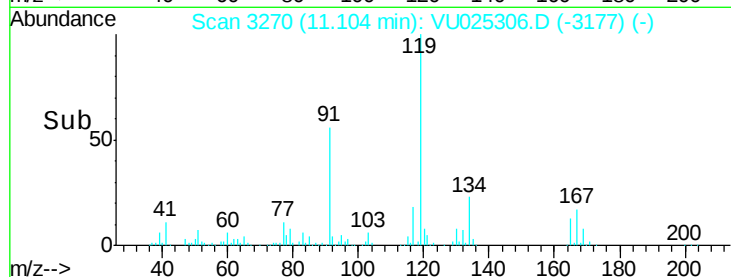
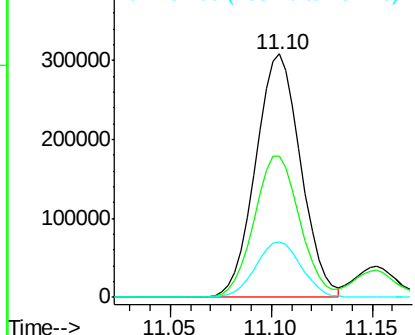
#83  
tert-Butylbenzene  
Concen: 47.11 ug/l  
RT: 11.10 min Scan# 3270  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion:119 Resp: 481085  
Ion Ratio Lower Upper  
119 100  
91 59.0 29.7 89.1  
134 23.1 11.5 34.5

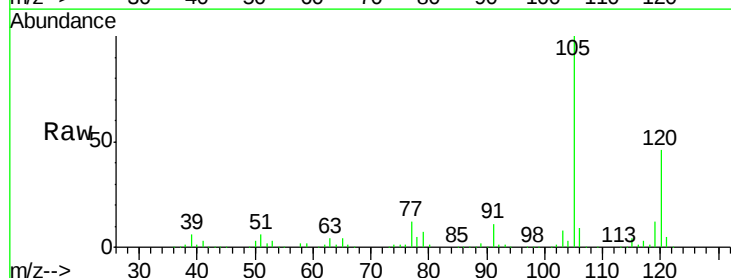


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

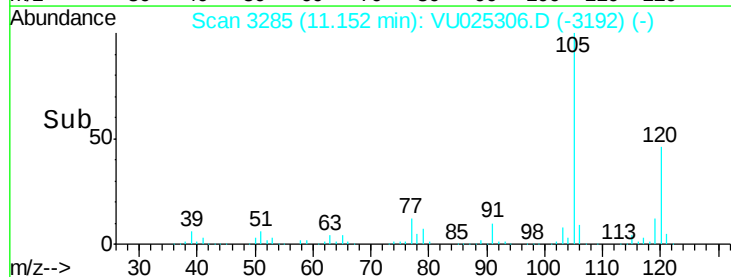
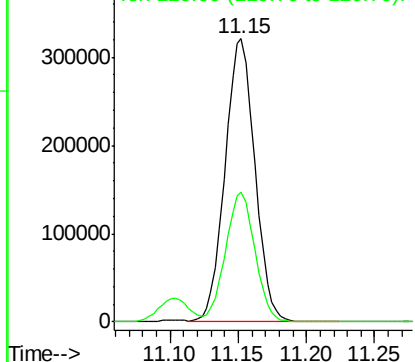


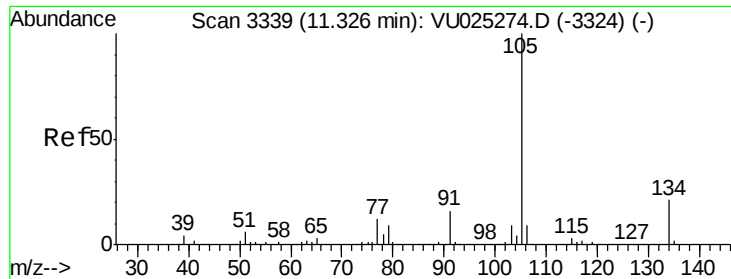
#84  
1,2,4-Trimethylbenzene  
Concen: 47.02 ug/l  
RT: 11.15 min Scan# 3285  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion:105 Resp: 486974  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.98 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

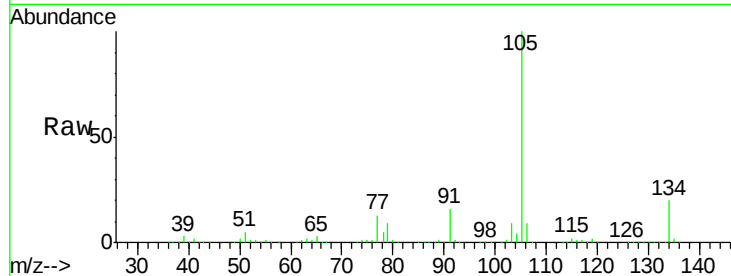
VSTDCCC050

Tot Ion:105 Resp: 588942

Ion Ratio Lower Upper

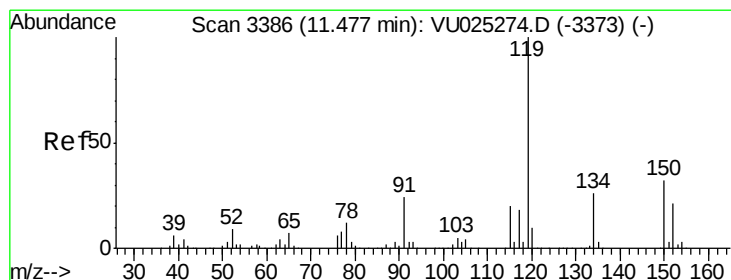
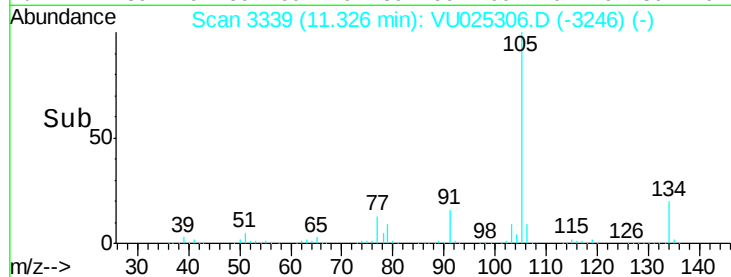
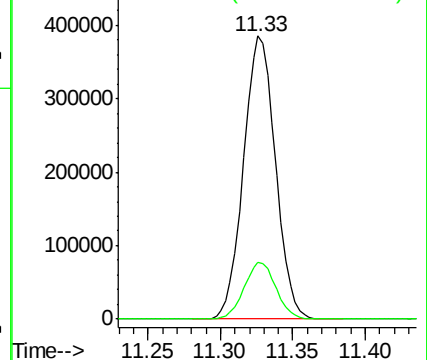
105 100

134 20.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.80 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

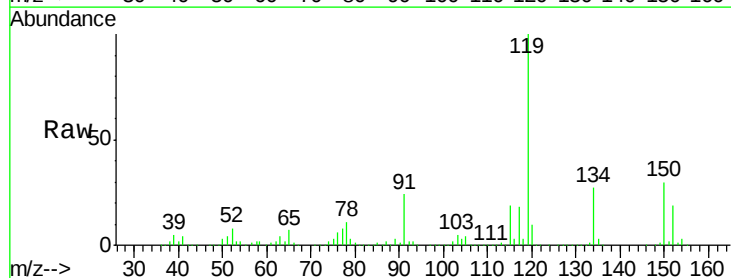
Tgt Ion:119 Resp: 519515

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

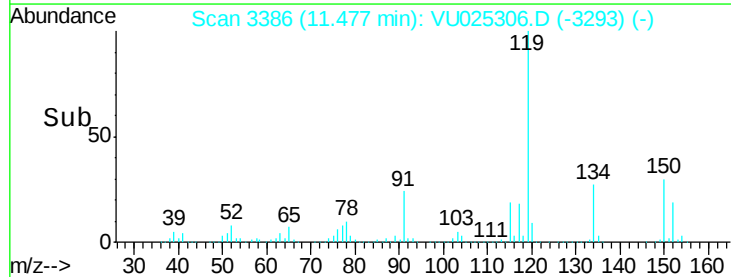
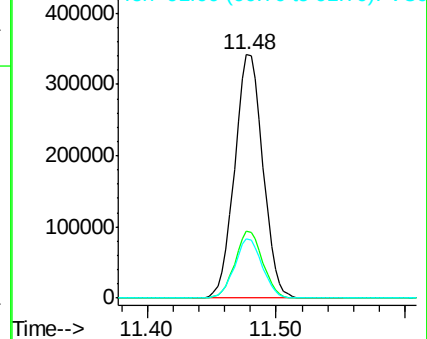
91 23.9 12.0 36.1

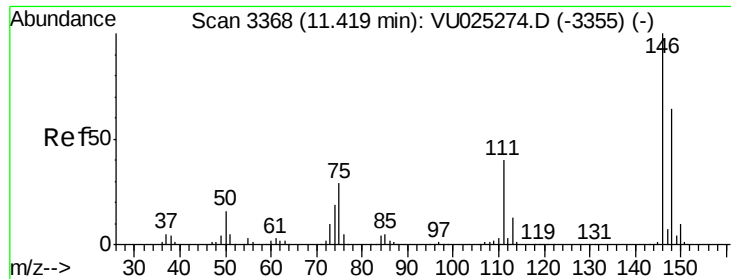


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

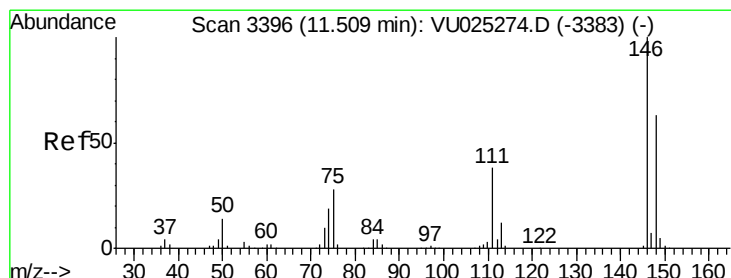
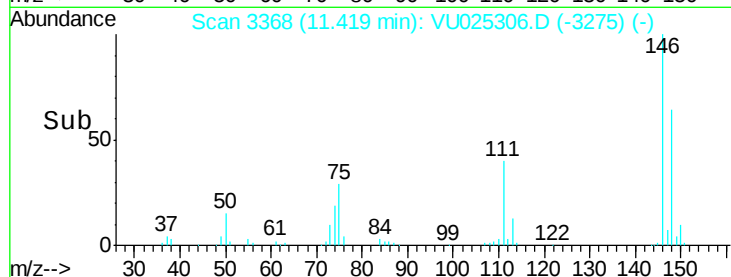
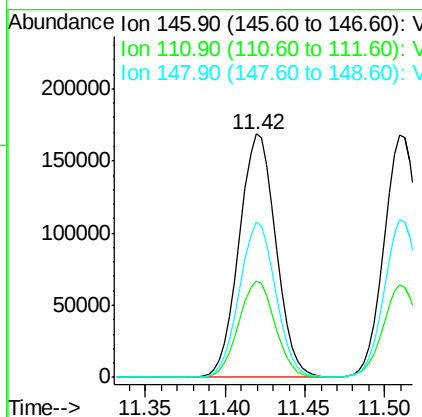
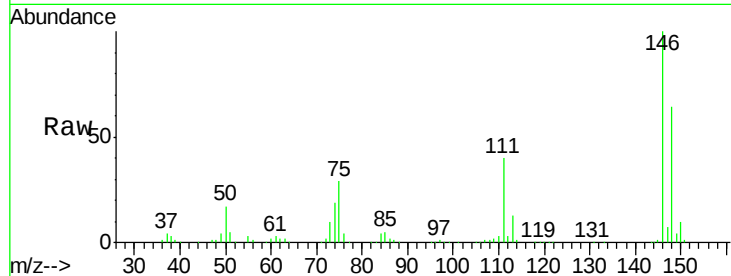




#87  
 1,3-Dichlorobenzene  
 Concen: 47.07 ug/l  
 RT: 11.42 min Scan# 3368  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

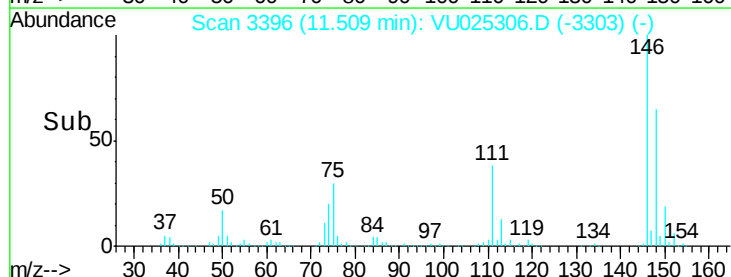
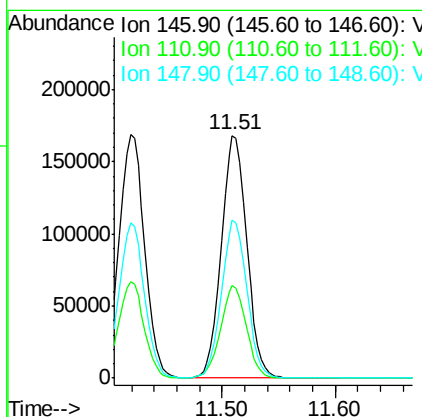
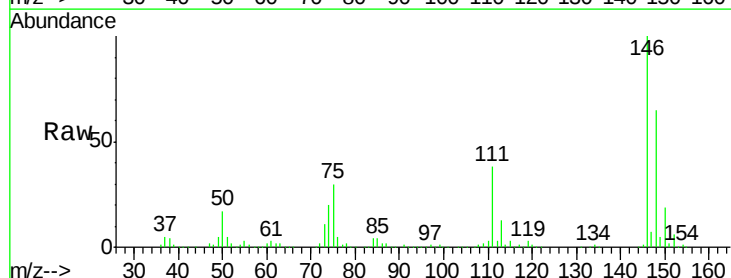
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

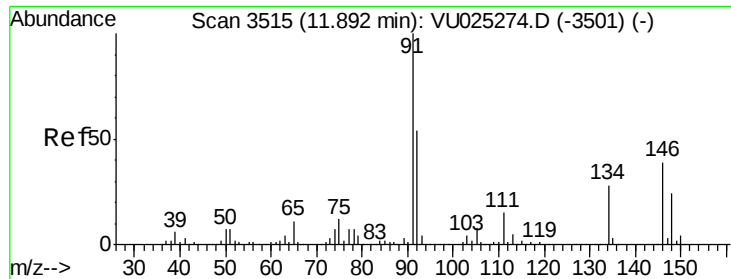
Tot Ion:146 Resp: 264301  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.7 59.1  
 148 63.1 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 48.26 ug/l  
 RT: 11.51 min Scan# 3396  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Tgt Ion:146 Resp: 264371  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.4 58.1  
 148 64.5 31.7 95.1

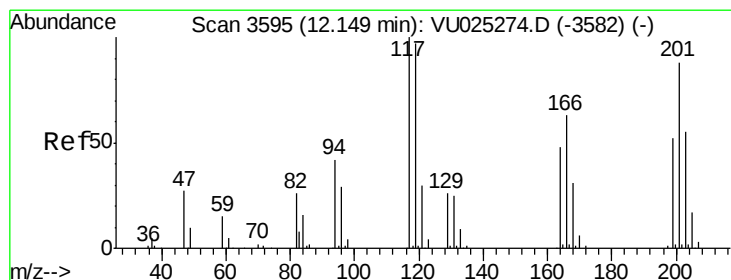
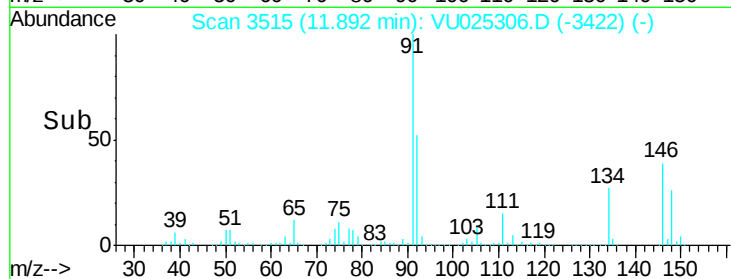
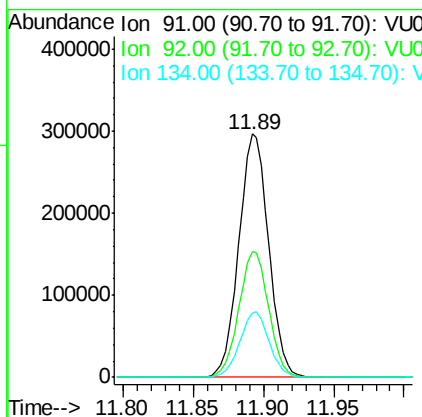
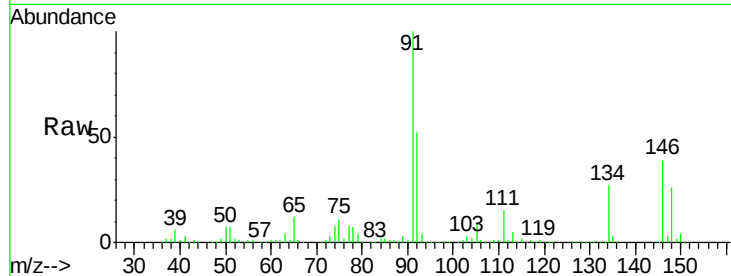




#89  
n-Butylbenzene  
Concen: 50.14 ug/l  
RT: 11.89 min Scan# 3515  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

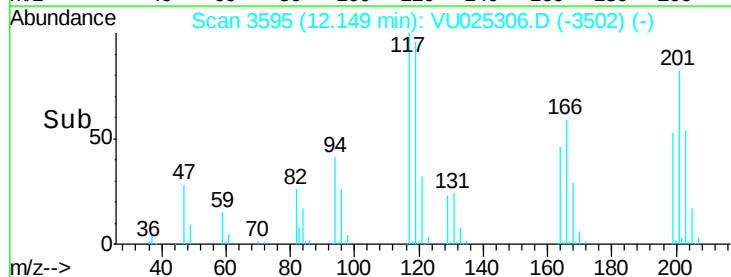
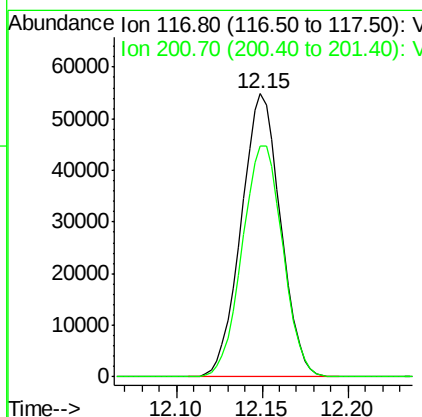
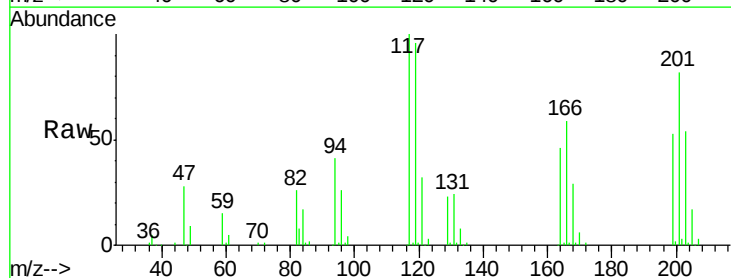
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

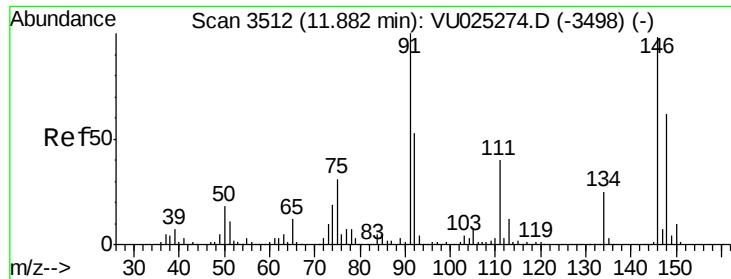
Tot Ion: 91 Resp: 438823  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.5 79.5  
134 26.6 13.6 40.7



#90  
Hexachloroethane  
Concen: 48.42 ug/l  
RT: 12.15 min Scan# 3595  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 117 Resp: 87282  
Ion Ratio Lower Upper  
117 100  
201 84.2 42.5 127.6

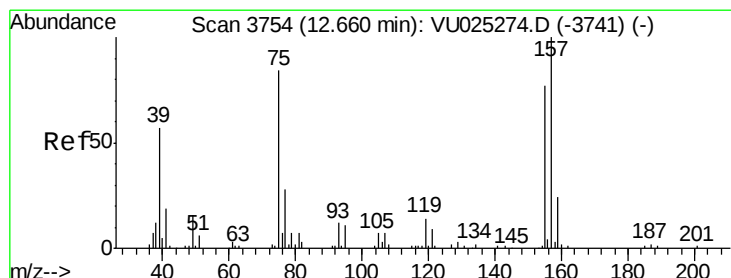
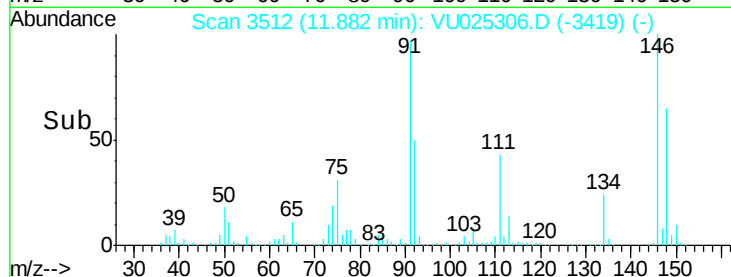
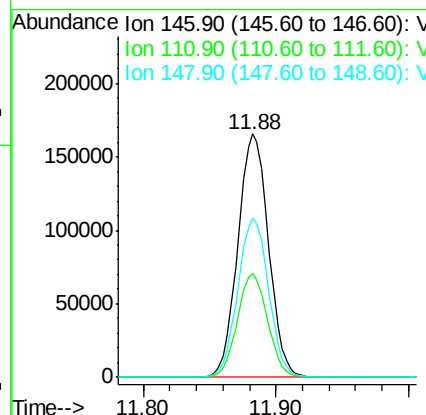
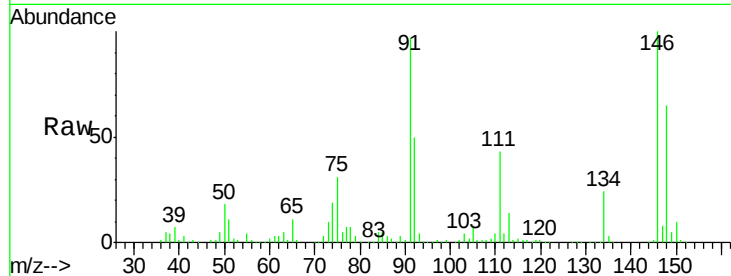




#91  
1,2-Dichlorobenzene  
Concen: 46.82 ug/l  
RT: 11.88 min Scan# 3512  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

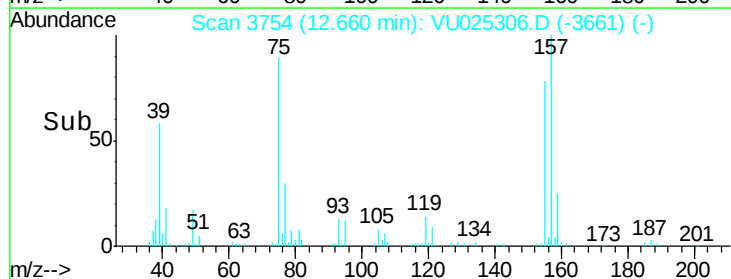
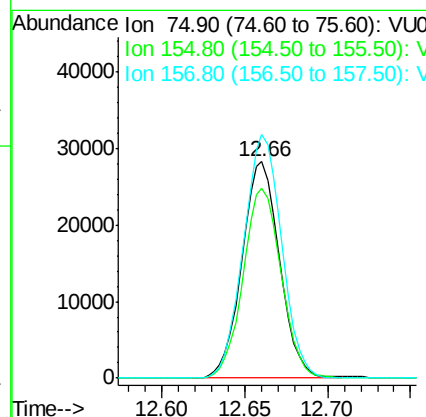
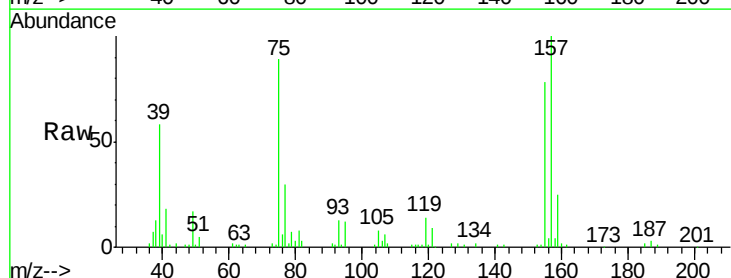
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

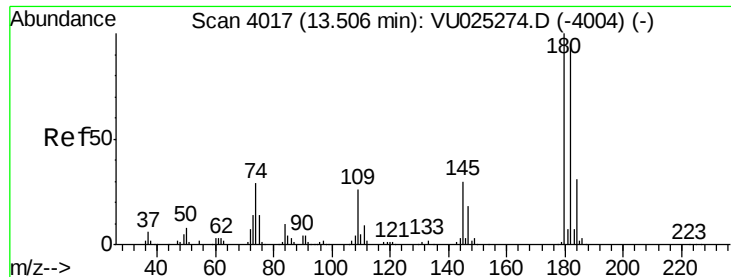
Tot Ion:146 Resp: 265529  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.6 61.8  
148 65.9 31.5 94.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.80 ug/l  
RT: 12.66 min Scan# 3754  
Delta R.T. 0.00 min  
Lab File: VU025306.D  
Acq: 11 Jul 2018 10:40

Tgt Ion: 75 Resp: 44593  
Ion Ratio Lower Upper  
75 100  
155 88.6 44.5 133.3  
157 114.0 57.0 170.8

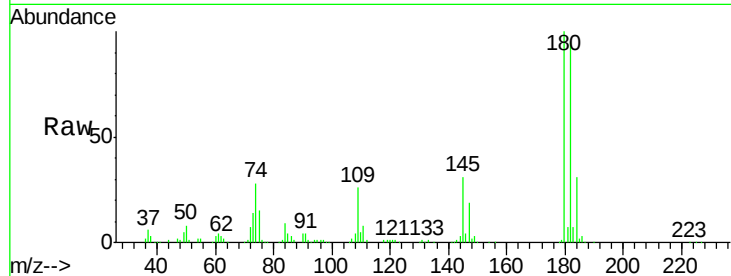




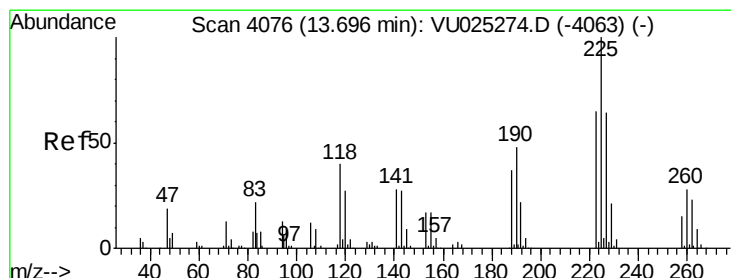
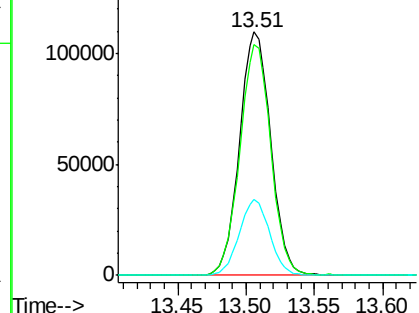
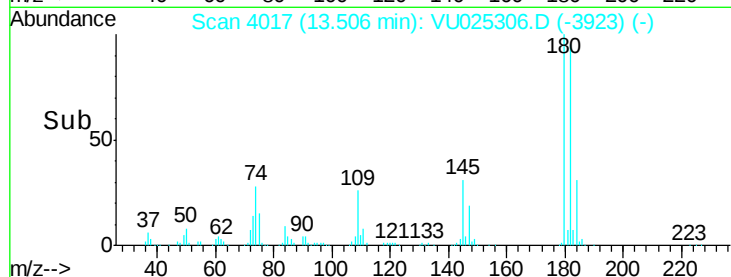
#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.11 ug/l  
 RT: 13.51 min Scan# 4017  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.3  | 141.9 |
| 145     | 30.5  | 14.9  | 44.7  |

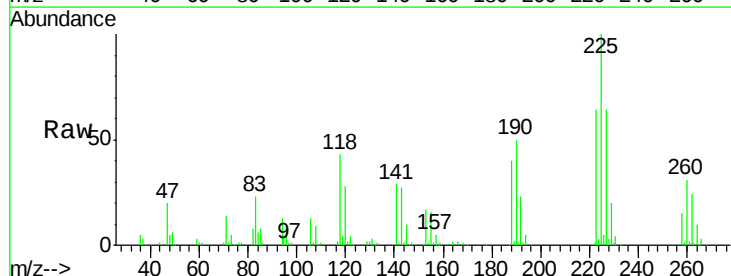


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

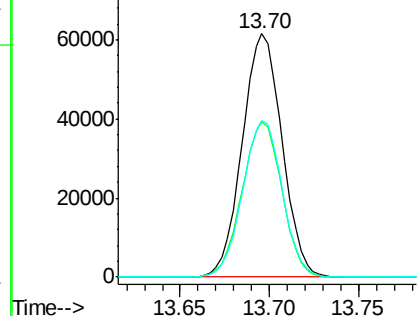
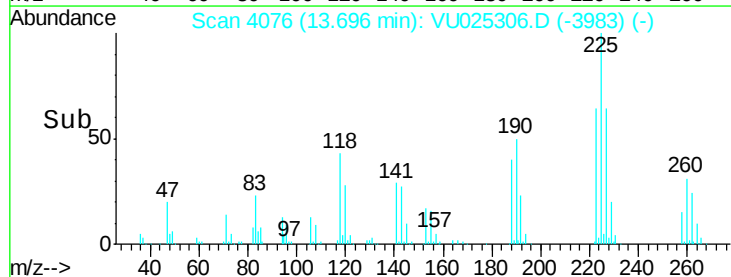


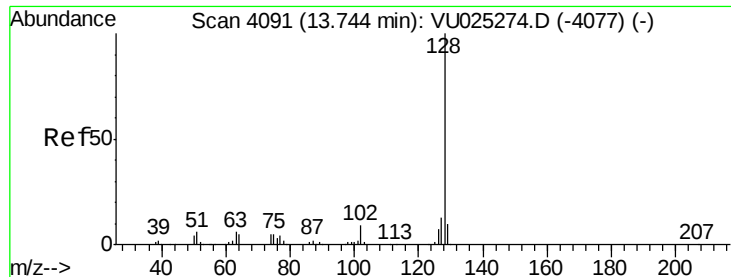
#94  
 Hexachlorobutadiene  
 Concen: 47.06 ug/l  
 RT: 13.70 min Scan# 4076  
 Delta R.T. 0.00 min  
 Lab File: VU025306.D  
 Acq: 11 Jul 2018 10:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 31.9  | 95.7  |
| 227     | 64.1  | 32.3  | 96.9  |



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: 45.58 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

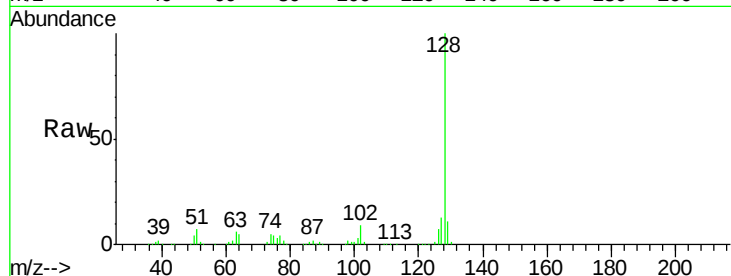
Tot Ion:128 Resp: 523457

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

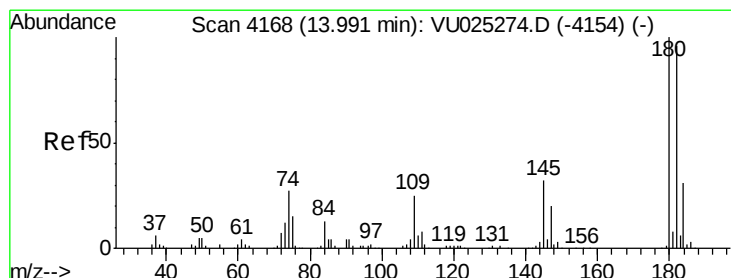
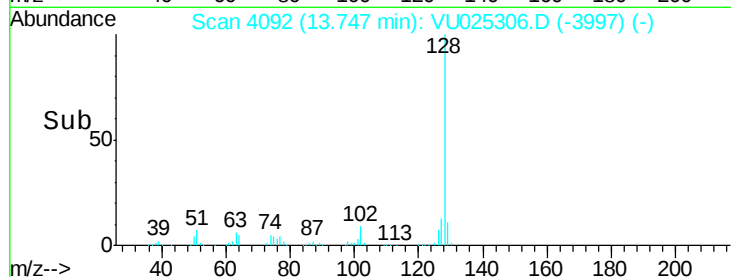
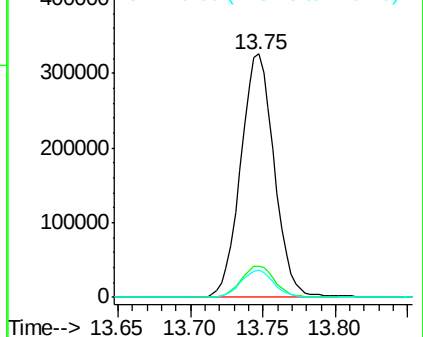
129 11.0 8.3 12.5



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: 46.47 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025306.D

Acq: 11 Jul 2018 10:40

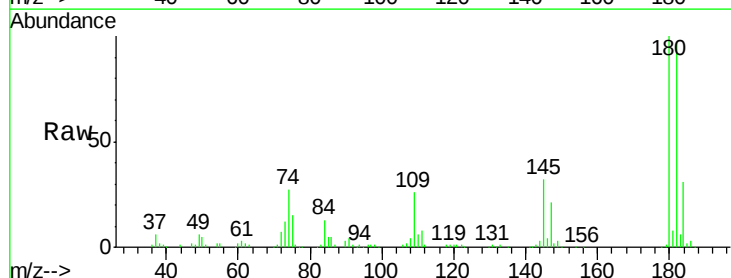
Tgt Ion:180 Resp: 178427

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 32.0 15.6 46.8



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

