

Data File : VU033982.D  
Acq On : 27 Aug 2019 19:05  
Operator : JC/SP  
Sample : VU0828WBS01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

Quant Time: Aug 28 04:04:56 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 02:42:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.96  | 168  | 351029   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 521307   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 504501   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 266875   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.29   | 65  | 194890   | 49.97 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.94%  |      |
| 35) Dibromofluoromethane    | 4.86   | 113 | 175550   | 50.10 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.20% |      |
| 50) Toluene-d8              | 7.55   | 98  | 668567   | 51.73 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.46% |      |
| 62) 4-Bromofluorobenzene    | 10.29  | 95  | 239745   | 48.35 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.70%  |      |

| Target Compounds              |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 71305  | 20.196  | ug/l   | 98     |
| 3) Chloromethane              | 1.32 | 50  | 78109  | 20.967  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 68014  | 19.296  | ug/l   | 99     |
| 5) Bromomethane               | 1.61 | 94  | 44485  | 20.765  | ug/l   | 98     |
| 6) Chloroethane               | 1.68 | 64  | 39415  | 18.781  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 1.87 | 101 | 92351  | 19.912  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.09 | 74  | 34331  | 19.515  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.27 | 101 | 60081  | 20.284  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.40 | 142 | 86147  | 19.421  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 2.81 | 59  | 94252  | 93.309  | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 62512  | 20.220  | ug/l   | 98     |
| 13) Acrolein                  | 2.18 | 56  | 29500  | 91.963  | ug/l   | 100    |
| 14) Allyl chloride            | 2.58 | 41  | 107067 | 19.559  | ug/l   | 99     |
| 15) Acrylonitrile             | 2.92 | 53  | 203844 | 99.827  | ug/l   | 98     |
| 16) Acetone                   | 2.31 | 43  | 162665 | 87.142  | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.46 | 76  | 195201 | 19.228  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.60 | 43  | 88969  | 19.351  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 211192 | 20.335  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.68 | 84  | 76266  | 19.257  | ug/l   | 100    |
| 21) trans-1,2-Dichloroethene  | 2.96 | 96  | 69838  | 19.813  | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.55 | 45  | 208305 | 20.711  | ug/l   | 100    |
| 23) Vinyl Acetate             | 3.50 | 43  | 864552 | 101.183 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.42 | 63  | 126376 | 20.070  | ug/l   | 100    |
| 25) 2-Butanone                | 4.24 | 43  | 257772 | 96.335  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 98449  | 18.490  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 79235  | 20.081  | ug/l   | 98     |
| 28) Bromochloromethane        | 4.52 | 49  | 56906  | 19.642  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 4.61 | 42  | 165646 | 98.974  | ug/l   | 100    |
| 30) Chloroform                | 4.65 | 83  | 126583 | 19.632  | ug/l   | 100    |
| 31) Cyclohexane               | 4.97 | 56  | 114915 | 19.985  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 107491 | 19.802  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.11 | 75  | 90947  | 19.048  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.36 | 43  | 94210  | 19.672  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 96468  | 19.825  | ug/l   | 99     |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

Quant Time: Aug 28 04:04:56 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 02:42:03 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.40  | 83   | 109807   | 19.436  | ug/l   | 96       |
| 40) Benzene                    | 5.37  | 78   | 286688   | 20.195  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.52  | 41   | 50667    | 20.417  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 95988    | 19.995  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 5.53  | 43   | 145362   | 19.796  | ug/l   | 99       |
| 44) Trichloroethene            | 6.17  | 130  | 80199    | 19.813  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 75890    | 19.982  | ug/l   | 96       |
| 46) Dibromomethane             | 6.54  | 93   | 52050    | 20.151  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.74  | 83   | 98407    | 20.003  | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.60  | 41   | 67665    | 19.381  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.59  | 88   | 37635    | 392.791 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 491920   | 97.163  | ug/l   | 100      |
| 52) Toluene                    | 7.62  | 92   | 183234   | 20.470  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 103549   | 19.034  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 114895   | 19.537  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.05  | 97   | 73589    | 19.456  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 8.00  | 69   | 107278   | 19.601  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 122742   | 19.912  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 172896   | 89.121  | ug/l   | 100      |
| 59) 2-Hexanone                 | 8.34  | 43   | 375898   | 96.595  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.46  | 129  | 82825    | 19.473  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 77868    | 19.493  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.21  | 164  | 83642    | 20.620  | ug/l   | 96       |
| 65) Chlorobenzene              | 9.10  | 112  | 204739   | 19.708  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 74654    | 19.274  | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.23  | 91   | 344883   | 19.911  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.36  | 106  | 268417   | 40.181  | ug/l   | 100      |
| 69) o-Xylene                   | 9.76  | 106  | 128933   | 20.188  | ug/l   | 97       |
| 70) Styrene                    | 9.77  | 104  | 221428   | 20.258  | ug/l   | 99       |
| 71) Bromoform                  | 9.94  | 173  | 65124    | 18.994  | ug/l # | 99       |
| 73) Isopropylbenzene           | 10.15 | 105  | 349250   | 20.334  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.00 | 43   | 125529   | 19.470  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 118648   | 19.179  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 10.48 | 75   | 131578   | 24.745  | ug/l   | 83       |
| 77) Bromobenzene               | 10.43 | 156  | 96232    | 19.827  | ug/l   | 99       |
| 78) n-propylbenzene            | 10.57 | 91   | 392278   | 20.139  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 237713   | 20.225  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.76 | 105  | 302978   | 20.596  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.48 | 75   | 132078   | 71.143  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.75 | 91   | 267182   | 19.637  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.08 | 119  | 283886   | 19.880  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 298533   | 20.671  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.31 | 105  | 339876   | 19.943  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.46 | 119  | 322991   | 20.248  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 166914   | 19.385  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 165171   | 19.007  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 259810   | 19.487  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.13 | 117  | 49233    | 18.660  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 164295   | 19.384  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 24437    | 19.721  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU082819\  
Quantitation Report (Not Reviewed)

Data File : VU033982.D  
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Operator : JC/SP  
Sample : VU0828WBS01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

Quant Time: Aug 28 04:04:56 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 02:42:03 2019  
Response via : Initial Calibration

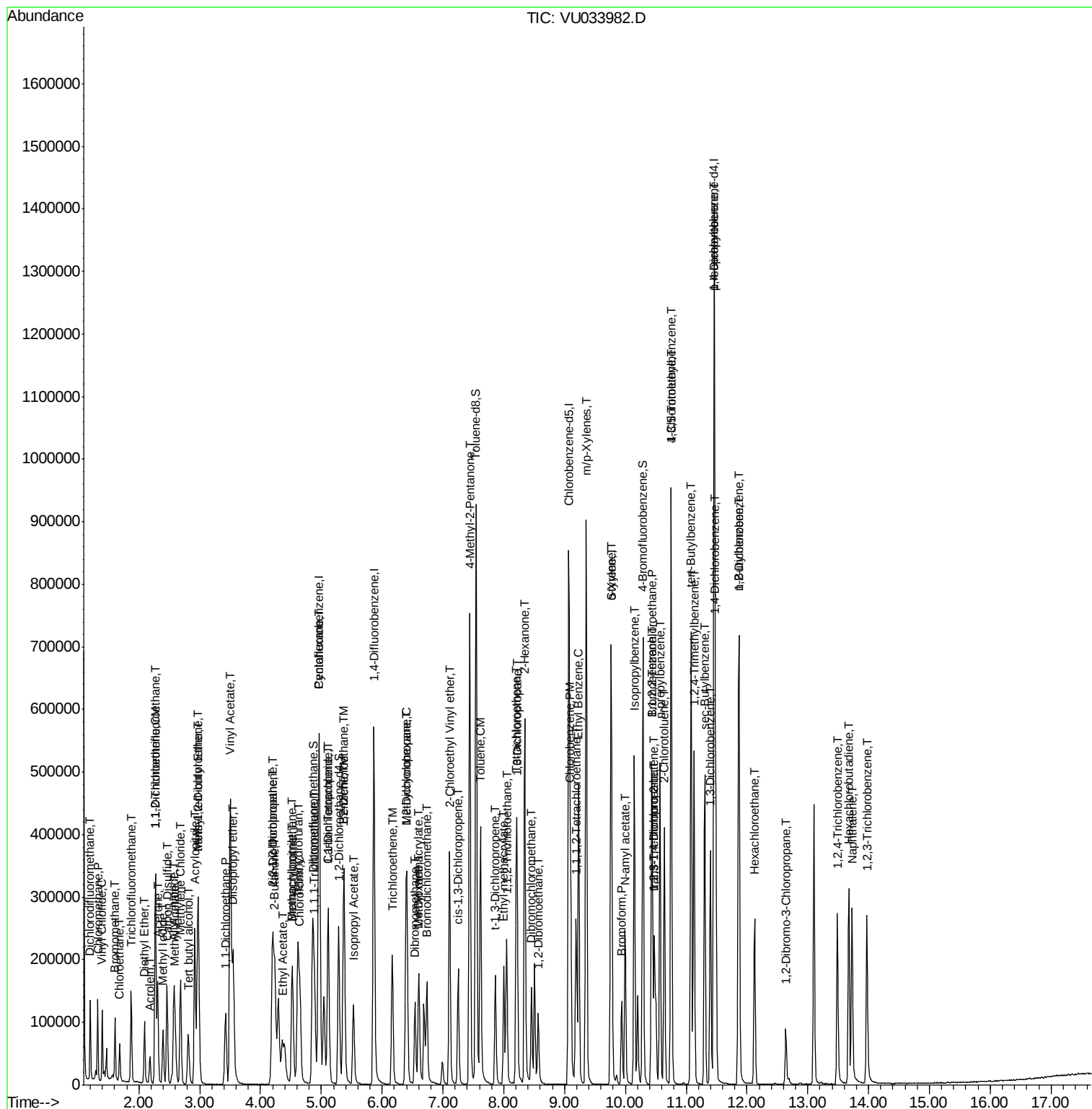
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.49 | 180  | 99562    | 17.861 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.68 | 225  | 64706    | 18.622 | ug/l  | 100      |
| 95) Naphthalene            | 13.73 | 128  | 260884   | 17.259 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 104189   | 19.237 | ug/l  | 98       |

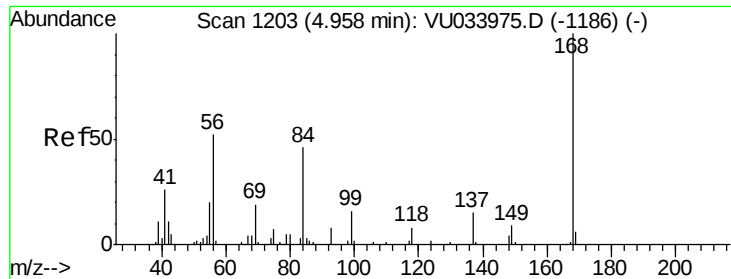
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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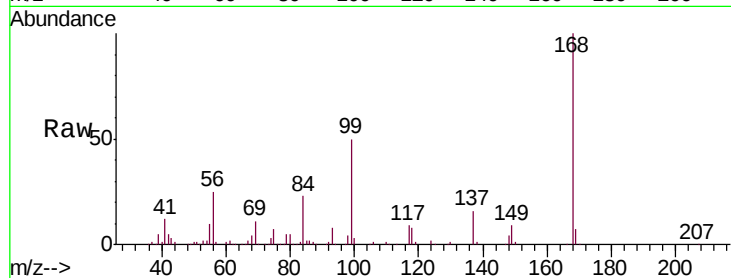




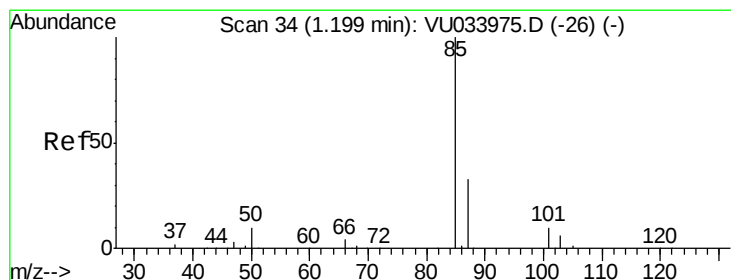
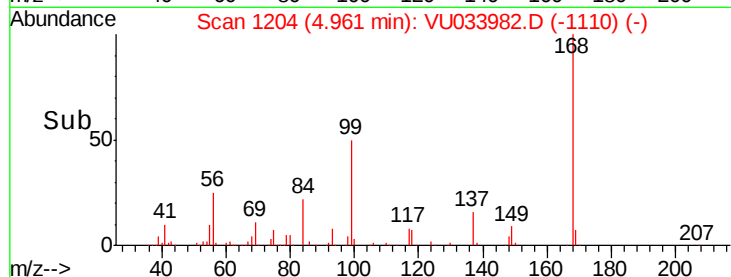
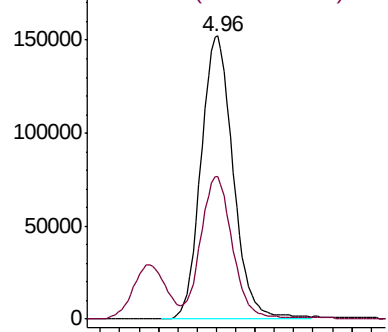
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.96 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

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MSVOA\_U  
ClientSampleId :  
VU0828WBS01

Tgt Ion:168 Resp: 351029  
Ion Ratio Lower Upper  
168 100  
99 49.7 39.4 59.2

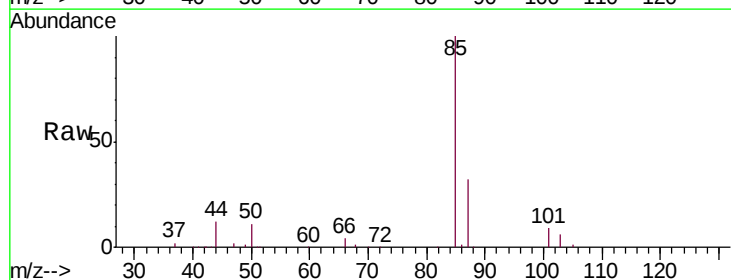


Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)  
Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

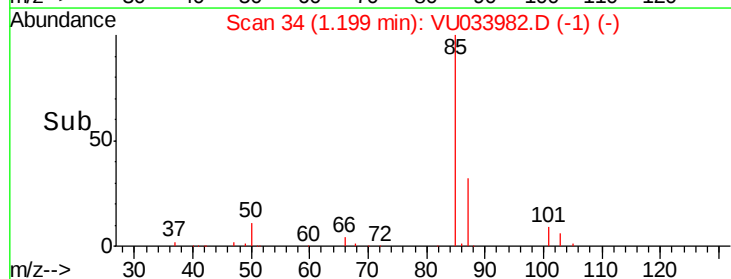
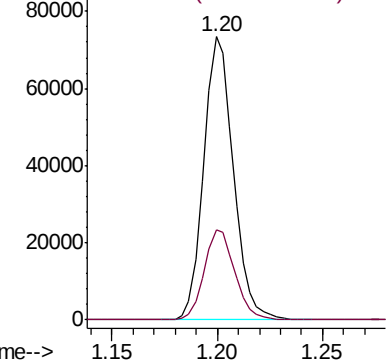


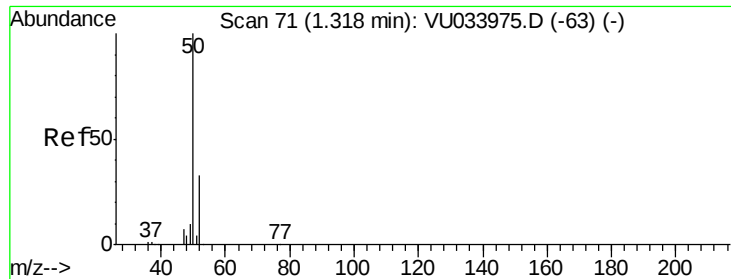
#2  
Dichlorodifluoromethane  
Concen: 20.196 ug/l  
RT: 1.20 min Scan# 34  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 85 Resp: 71305  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033975.D (-26) (-)  
Ion 86.90 (86.60 to 87.60): VU033975.D (-26) (-)





#3

Chloromethane

Concen: 20.967 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

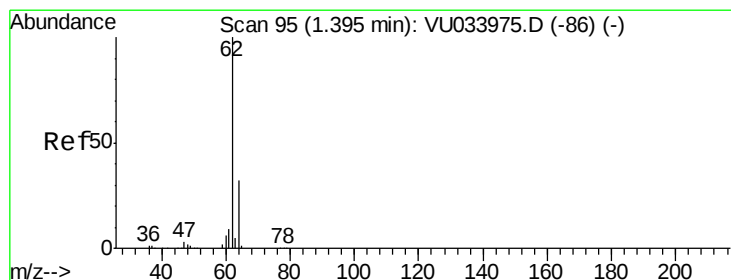
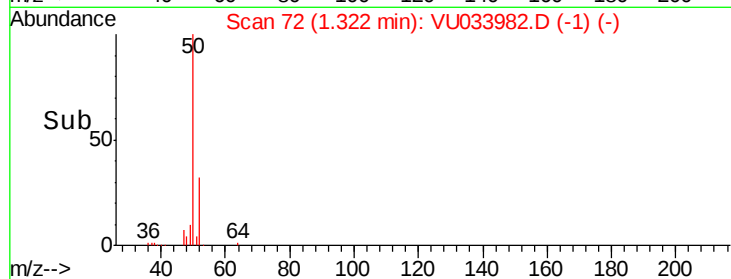
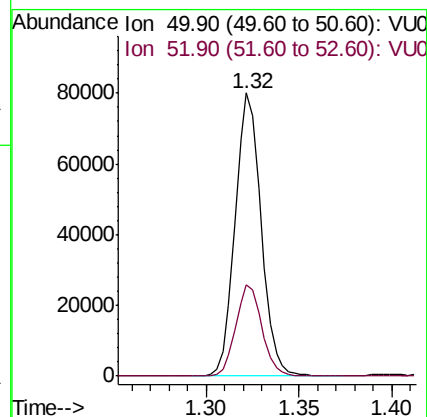
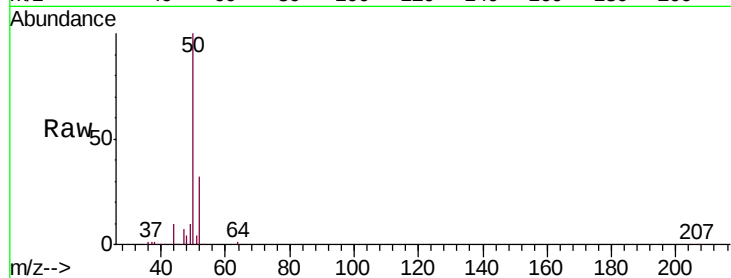
VU0828WBS01

Tgt Ion: 50 Resp: 78109

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 19.296 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033982.D

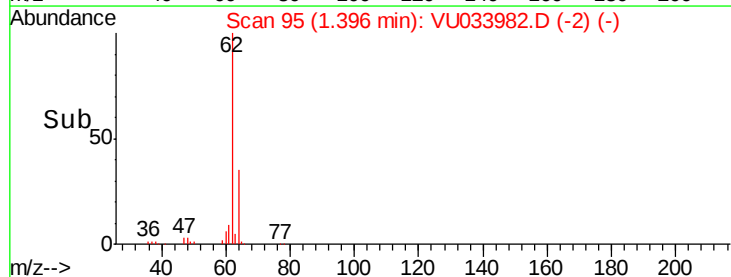
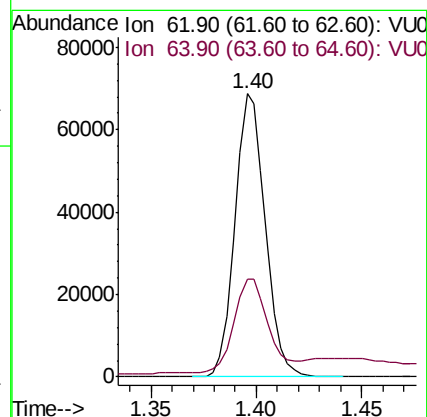
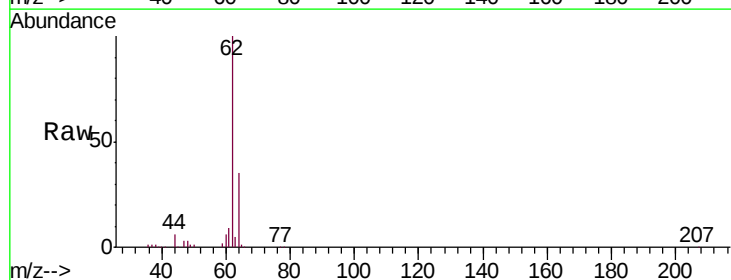
Acq: 27 Aug 2019 19:05

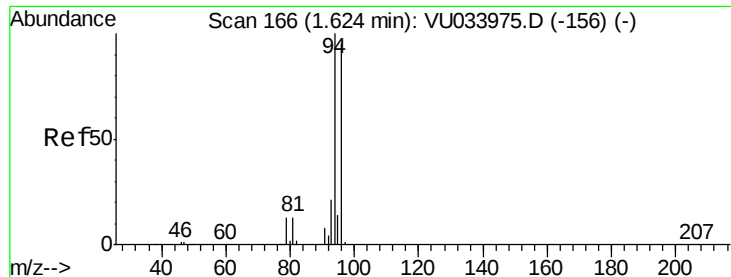
Tgt Ion: 62 Resp: 68014

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9





#5

Bromomethane

Concen: 20.765 ug/l

RT: 1.61 min Scan# 161

Delta R.T. -0.02 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

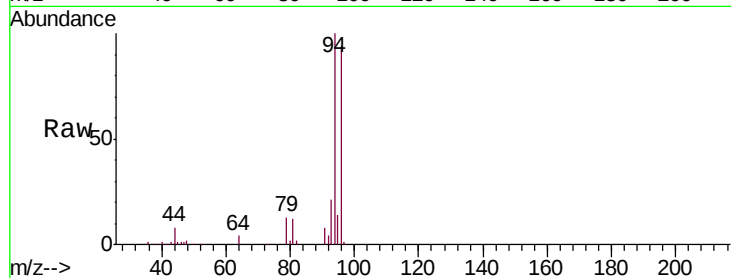
VU0828WBS01

Tgt Ion: 94 Resp: 44485

Ion Ratio Lower Upper

94 100

96 93.3 76.3 114.5

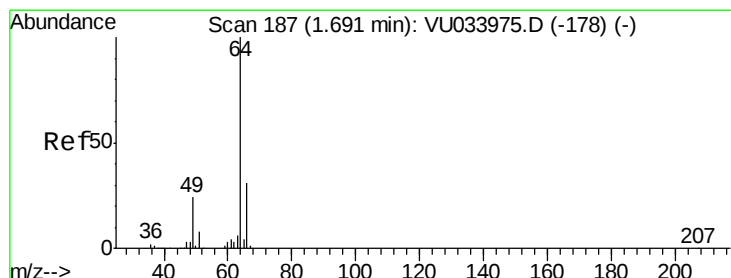
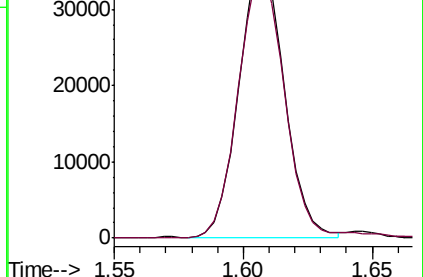
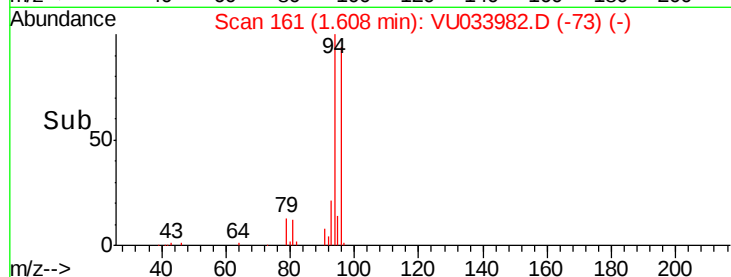


Abundance Ion 93.90 (93.60 to 94.60): VU033975.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VU033982.D (-94) (-)

1.61

Time-->



#6

Chloroethane

Concen: 18.781 ug/l

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU033982.D

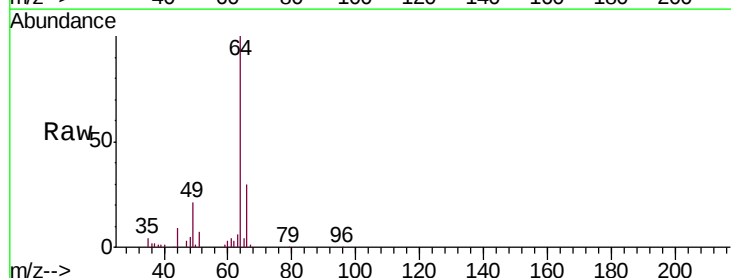
Acq: 27 Aug 2019 19:05

Tgt Ion: 64 Resp: 39415

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3

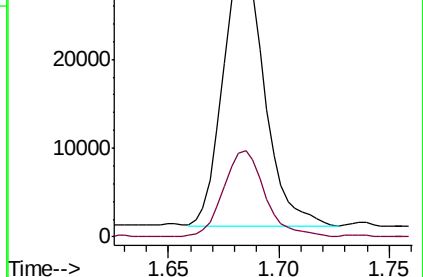
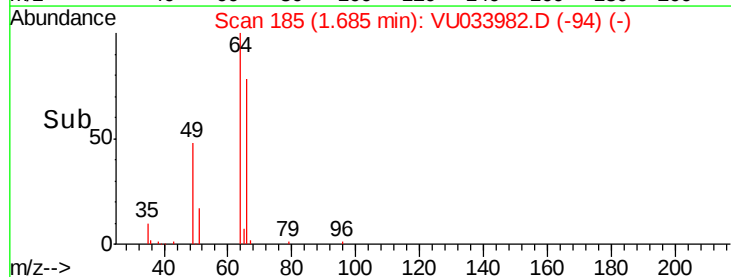


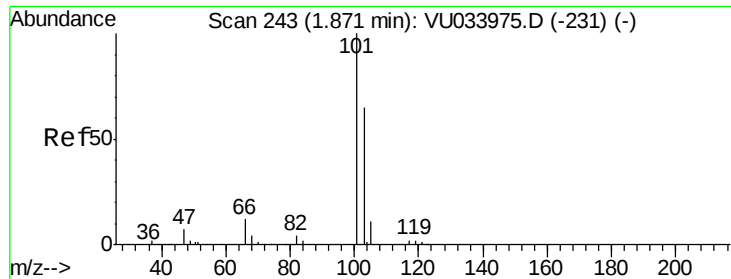
Abundance Ion 63.90 (63.60 to 64.60): VU033975.D (-178) (-)

Ion 65.90 (65.60 to 66.60): VU033982.D (-94) (-)

1.68

Time-->



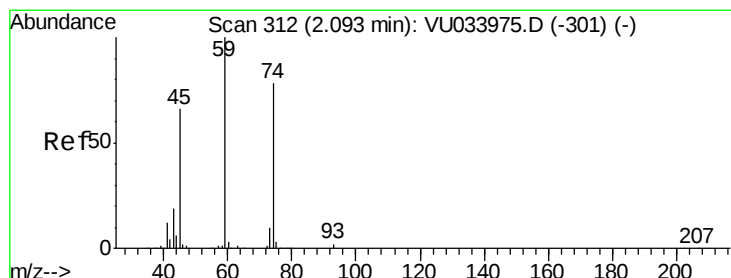
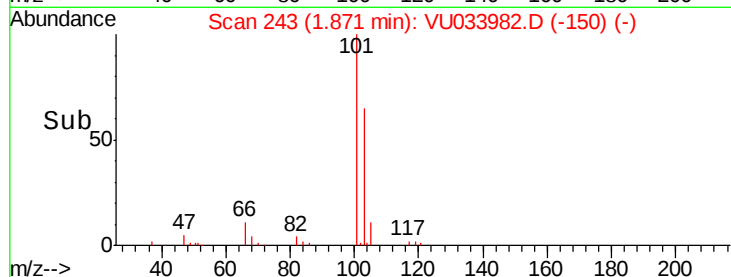
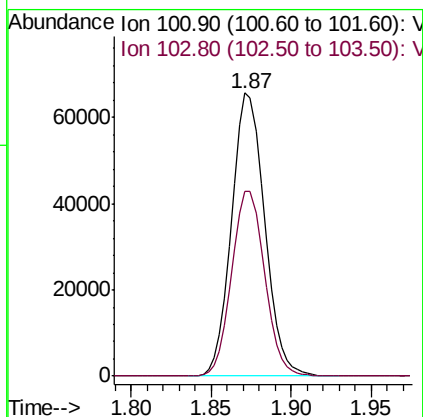
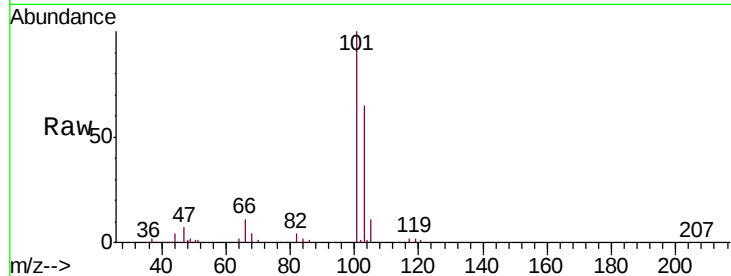


#7

Trichlorofluoromethane  
 Concen: 19.912 ug/l  
 RT: 1.87 min Scan# 243  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

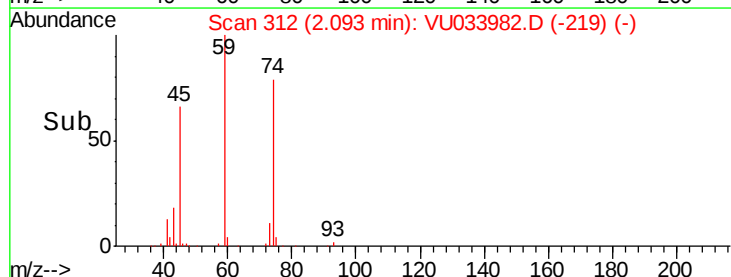
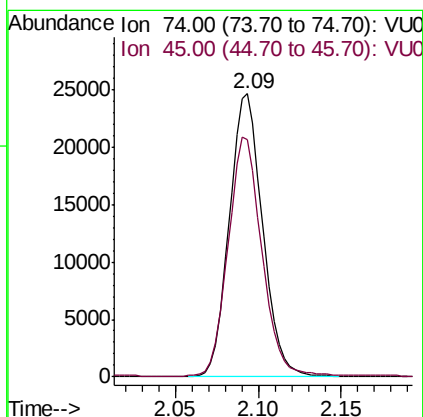
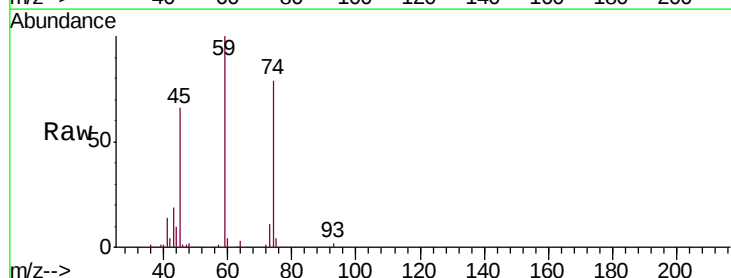
Tgt Ion:101 Resp: 92351  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 52.0 78.0

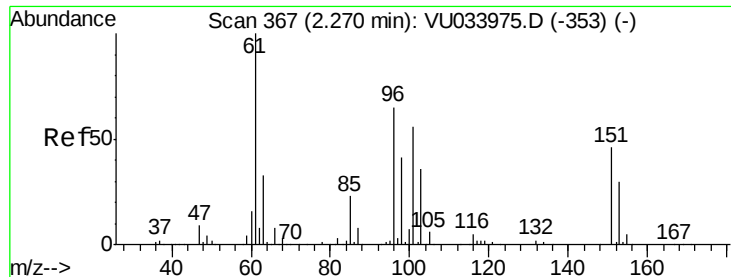


#8

Diethyl Ether  
 Concen: 19.515 ug/l  
 RT: 2.09 min Scan# 312  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 74 Resp: 34331  
 Ion Ratio Lower Upper  
 74 100  
 45 86.9 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.284 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

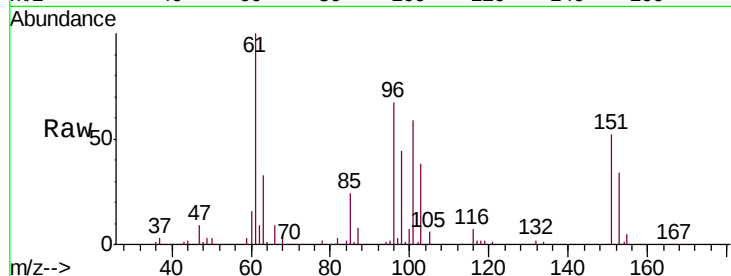
Tgt Ion:101 Resp: 60081

Ion Ratio Lower Upper

101 100

85 42.5 33.4 50.0

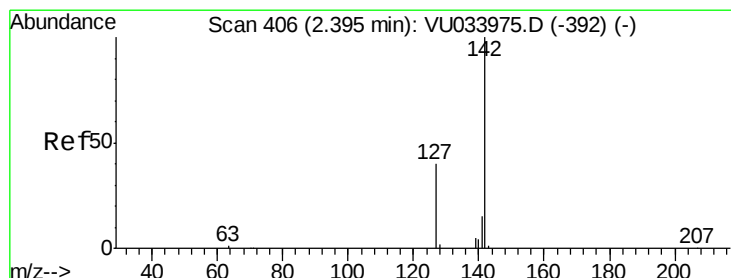
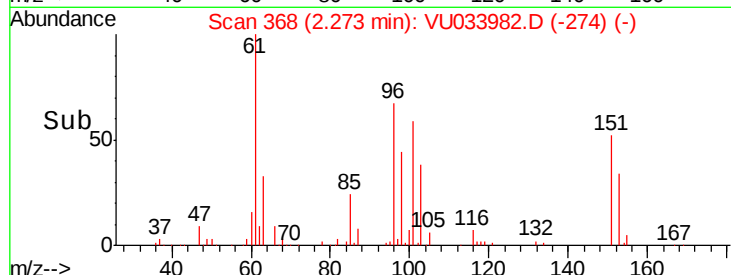
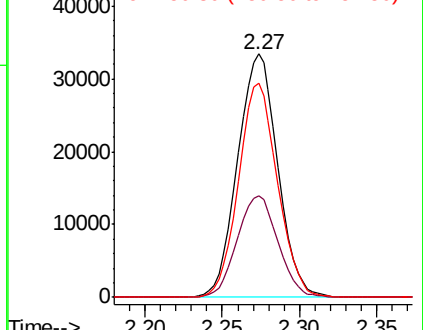
151 85.9 67.6 101.4



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: 19.421 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

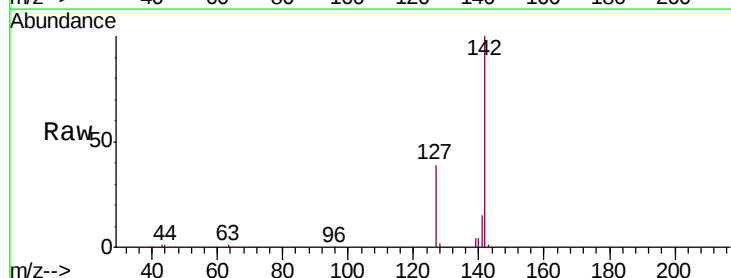
Tgt Ion:142 Resp: 86147

Ion Ratio Lower Upper

142 100

127 40.7 32.2 48.2

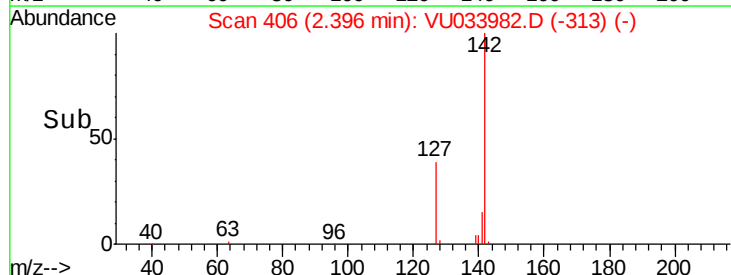
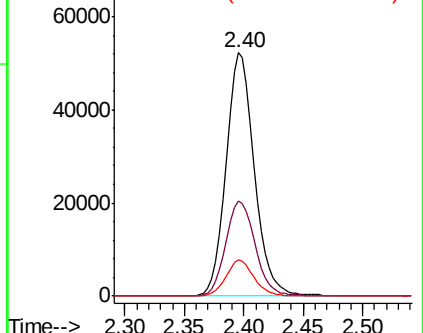
141 14.6 11.8 17.8

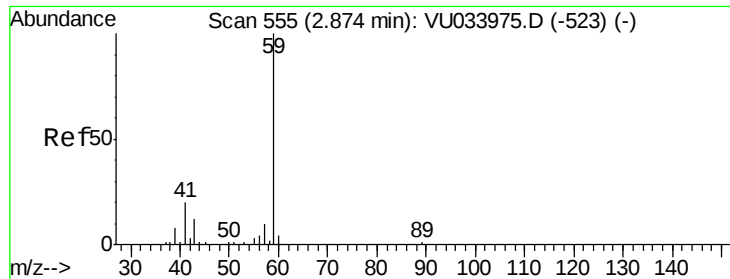


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



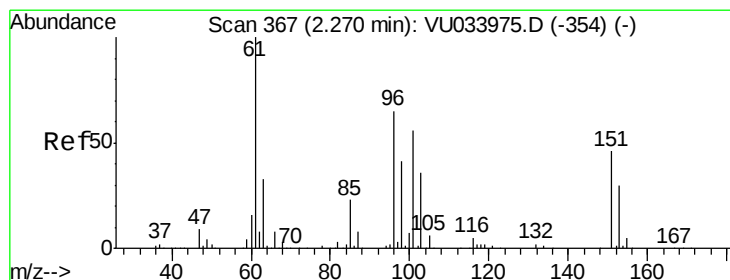
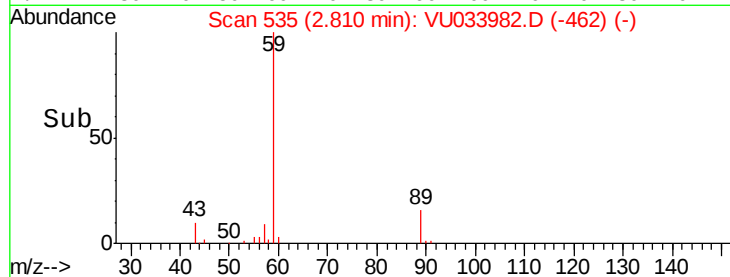
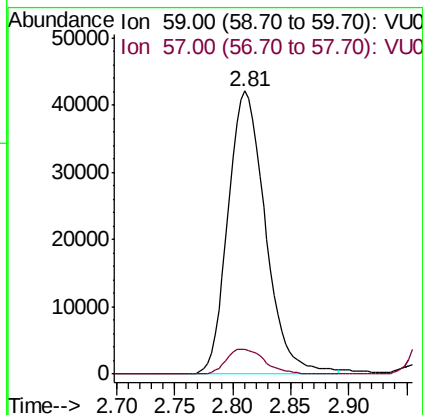
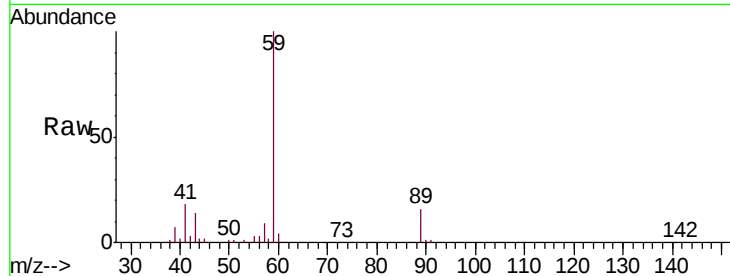


#11

Tert butyl alcohol  
 Concen: 93.309 ug/l  
 RT: 2.81 min Scan# 535  
 Delta R.T. -0.06 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

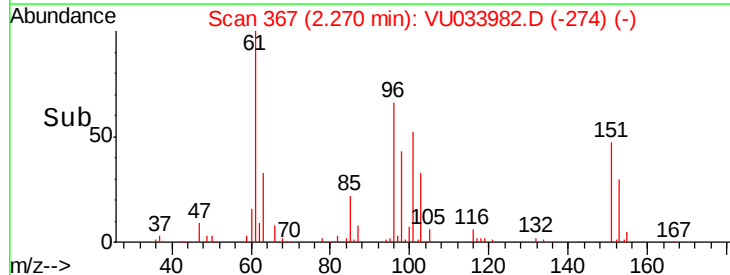
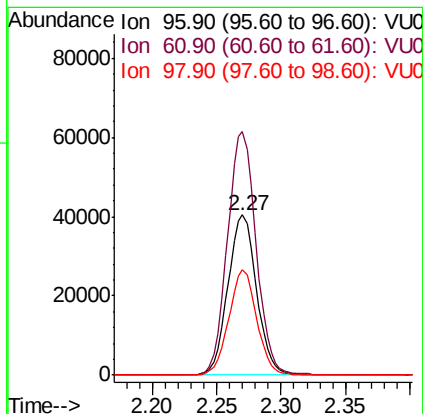
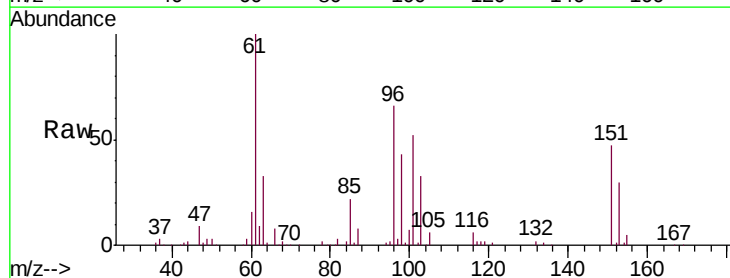
Tgt Ion: 59 Resp: 94252  
 Ion Ratio Lower Upper  
 59 100  
 57 9.2 3.9 5.9#

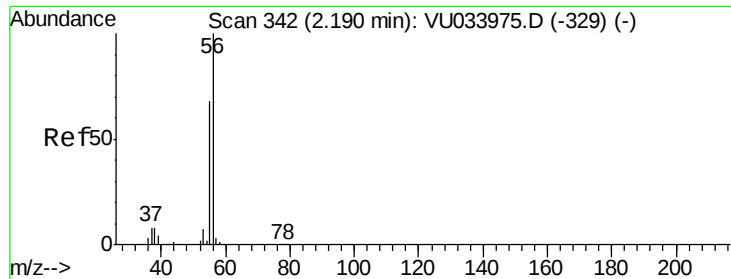


#12

1,1-Dichloroethene  
 Concen: 20.220 ug/l  
 RT: 2.27 min Scan# 367  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 96 Resp: 62512  
 Ion Ratio Lower Upper  
 96 100  
 61 152.3 123.3 184.9  
 98 66.1 50.5 75.7





#13

Acrolein

Concen: 91.963 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

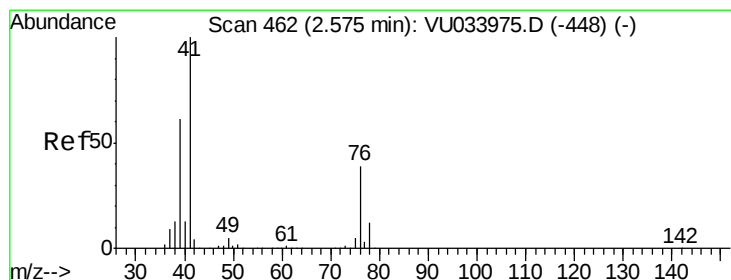
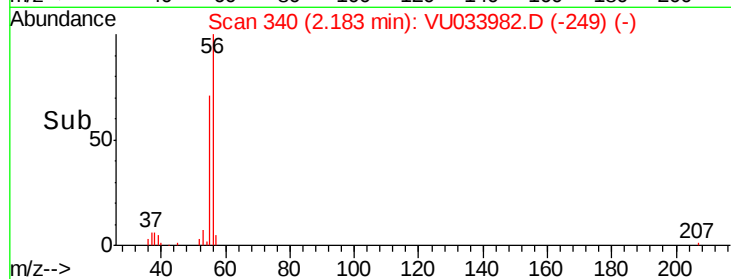
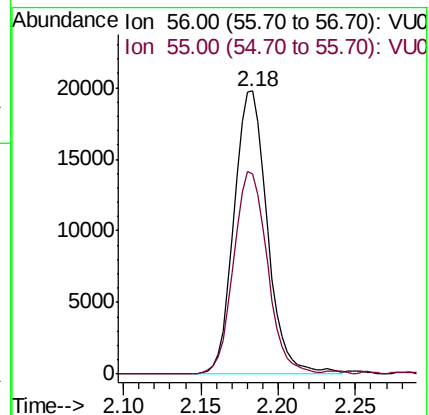
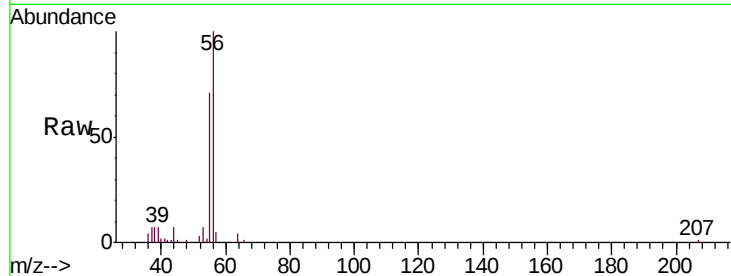
VU0828WBS01

Tgt Ion: 56 Resp: 29500

Ion Ratio Lower Upper

56 100

55 72.6 58.0 87.0



#14

Allyl chloride

Concen: 19.559 ug/l

RT: 2.58 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

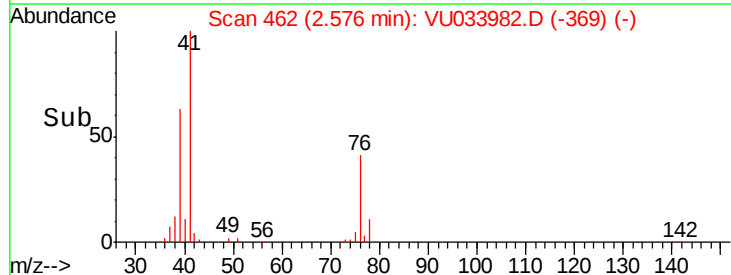
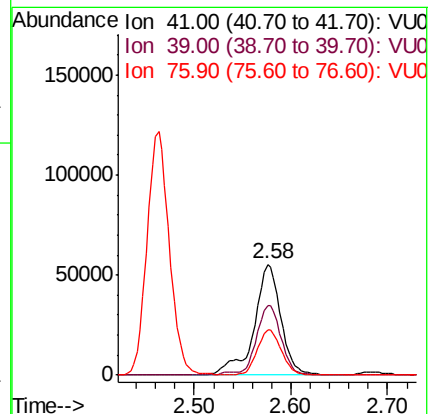
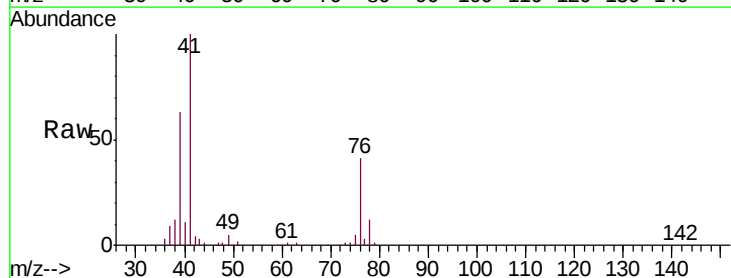
Tgt Ion: 41 Resp: 107067

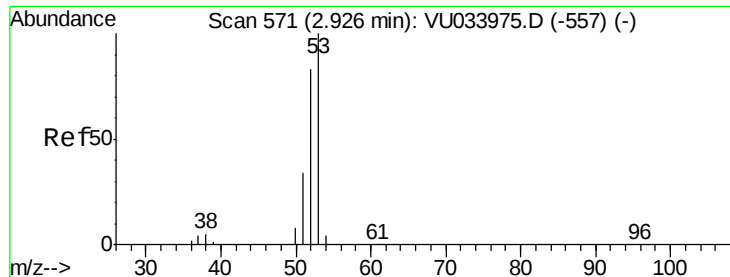
Ion Ratio Lower Upper

41 100

39 58.4 45.9 68.9

76 36.0 29.4 44.2





#15

Acrylonitrile

Concen: 99.827 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.01 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

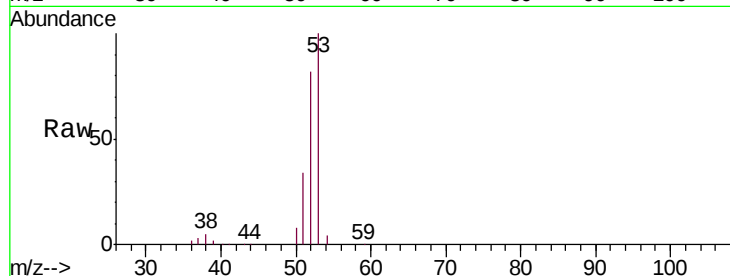
Tgt Ion: 53 Resp: 203844

Ion Ratio Lower Upper

53 100

52 81.3 66.7 100.1

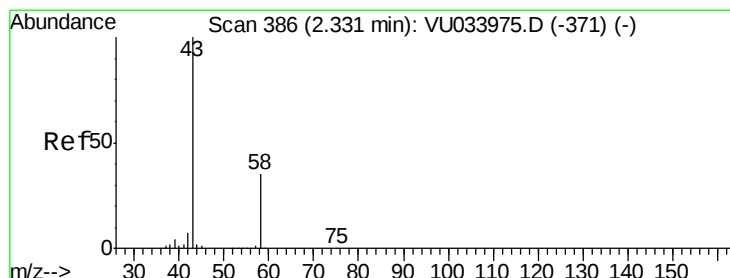
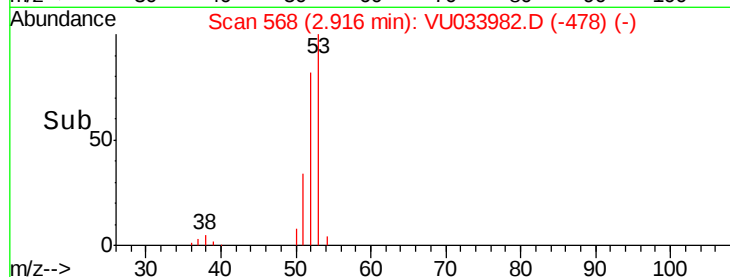
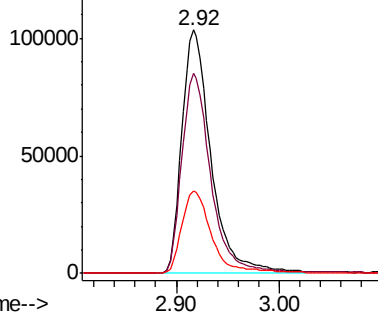
51 34.9 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033975.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU033975.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU033975.D (-557) (-)



#16

Acetone

Concen: 87.142 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033982.D

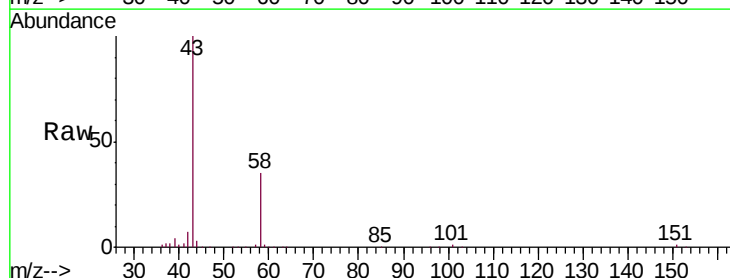
Acq: 27 Aug 2019 19:05

Tgt Ion: 43 Resp: 162665

Ion Ratio Lower Upper

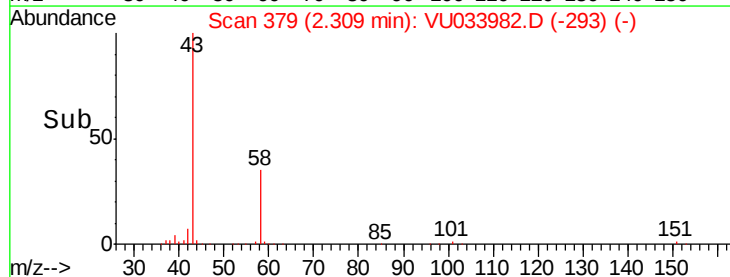
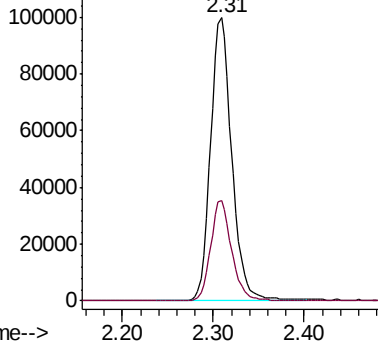
43 100

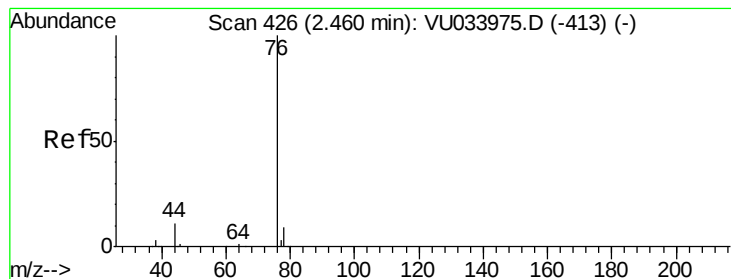
58 35.4 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)





#17

Carbon Disulfide

Concen: 19.228 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

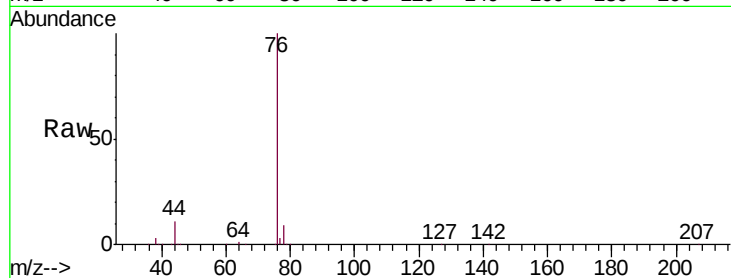
VU0828WBS01

Tgt Ion: 76 Resp: 195201

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VU033975.D (-413) (-)

Ion 77.90 (77.60 to 78.60): VU033982.D (-333) (-)

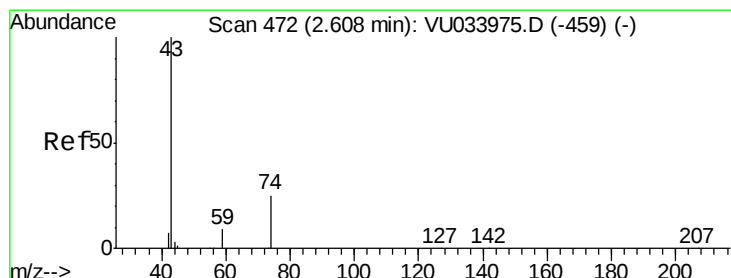
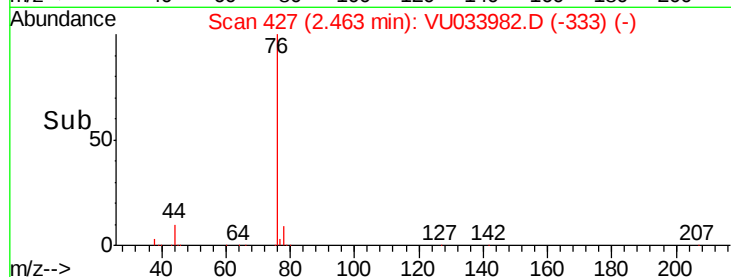
2.46

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.351 ug/l

RT: 2.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU033982.D

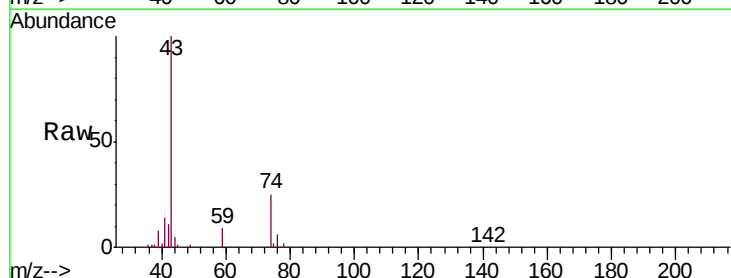
Acq: 27 Aug 2019 19:05

Tgt Ion: 43 Resp: 88969

Ion Ratio Lower Upper

43 100

74 24.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU033982.D (-379) (-)

2.60

50000

40000

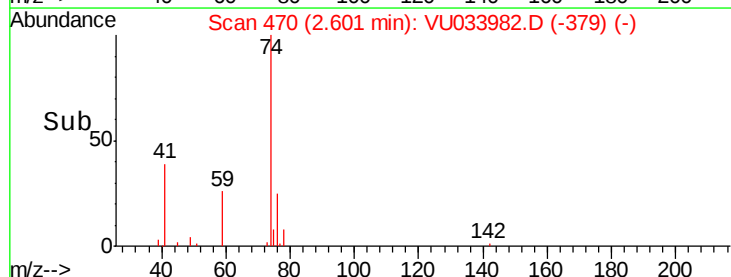
30000

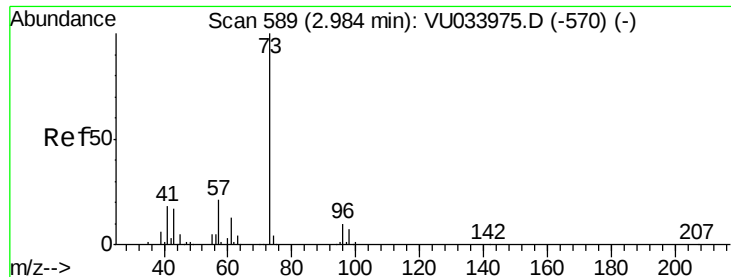
20000

10000

0

Time-->

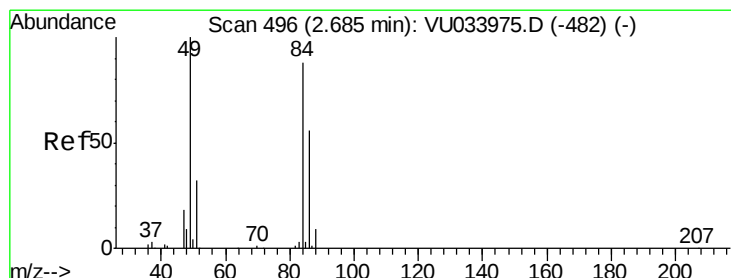
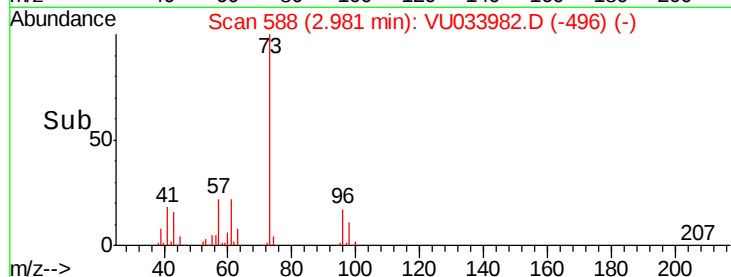
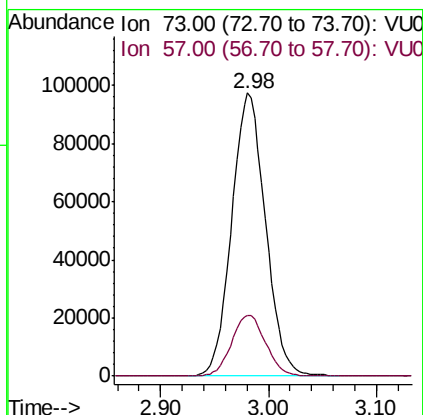
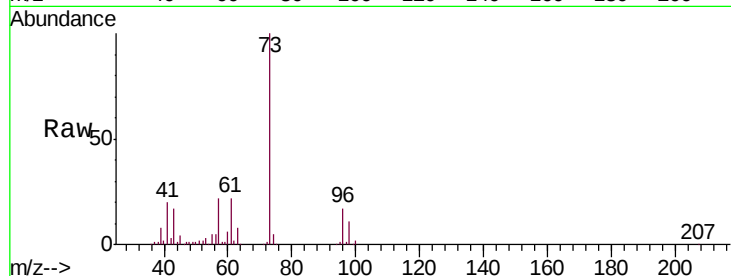




#19  
Methyl tert-butyl Ether  
Concen: 20.335 ug/l  
RT: 2.98 min Scan# 588  
Delta R.T. -0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

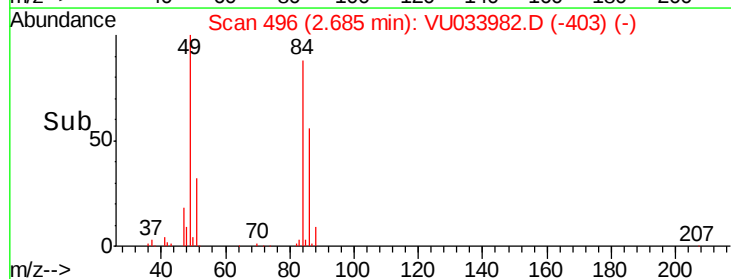
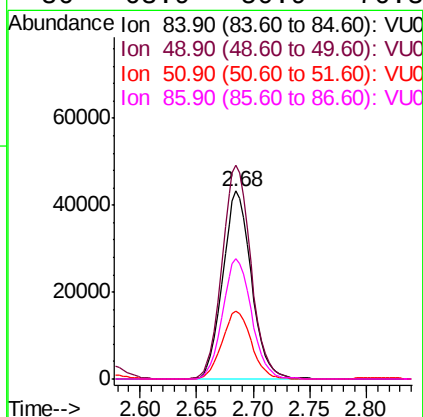
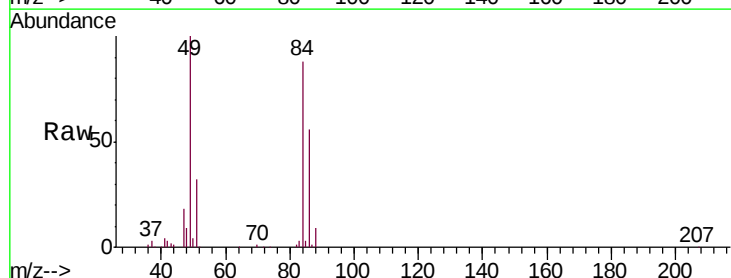
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

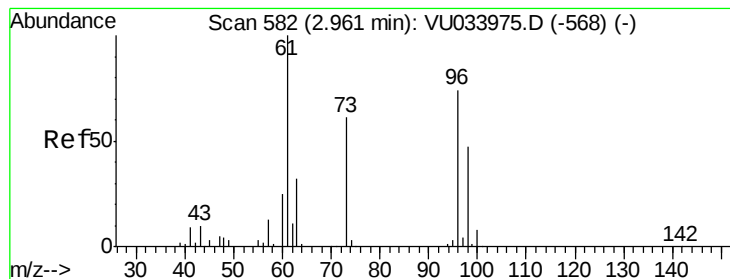
Tgt Ion: 73 Resp: 211192  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.5 26.3



#20  
Methylene Chloride  
Concen: 19.257 ug/l  
RT: 2.68 min Scan# 496  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 84 Resp: 76266  
Ion Ratio Lower Upper  
84 100  
49 113.8 91.3 136.9  
51 36.2 28.9 43.3  
86 63.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 19.813 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

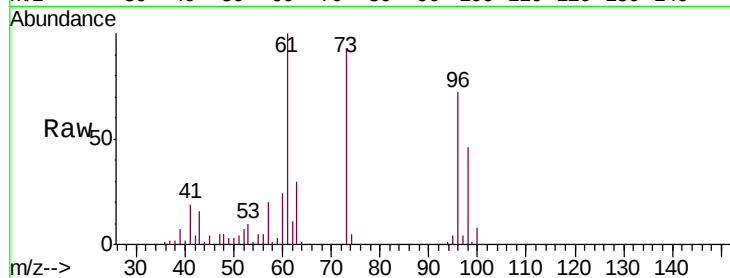
Tgt Ion: 96 Resp: 69838

Ion Ratio Lower Upper

96 100

61 138.5 108.2 162.2

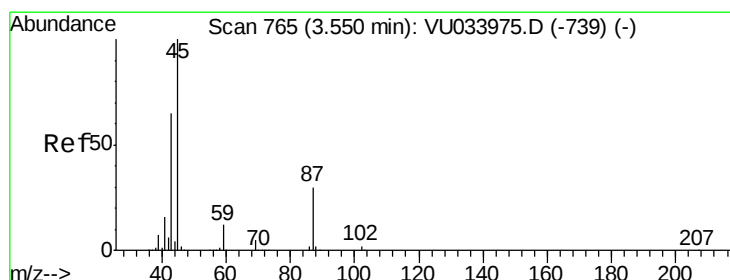
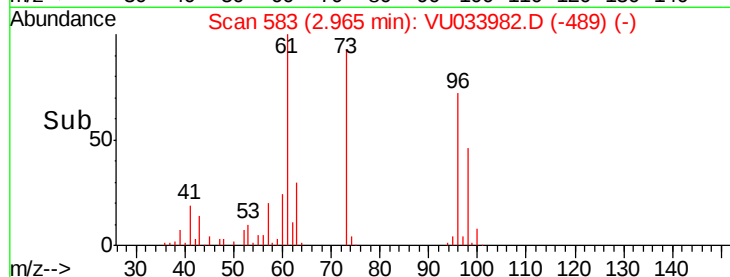
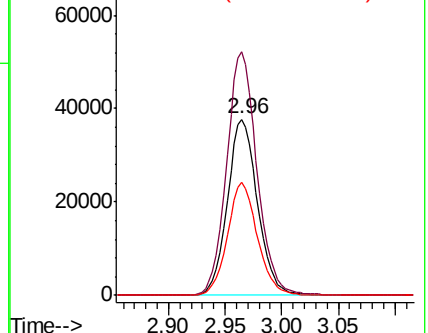
98 64.2 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-568) (-)



#22

Diisopropyl ether

Concen: 20.711 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Tgt Ion: 45 Resp: 208305

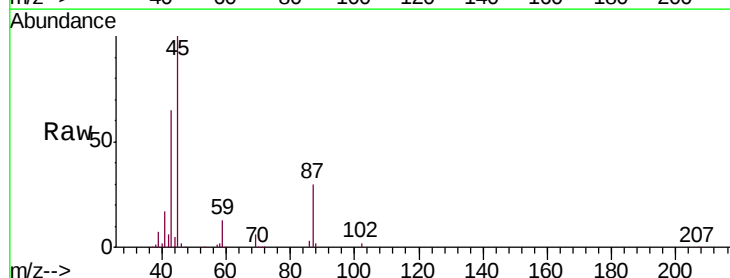
Ion Ratio Lower Upper

45 100

43 64.2 51.6 77.4

87 30.3 24.4 36.6

59 12.7 9.8 14.6

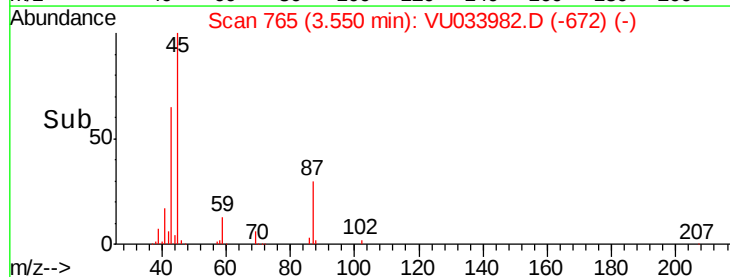
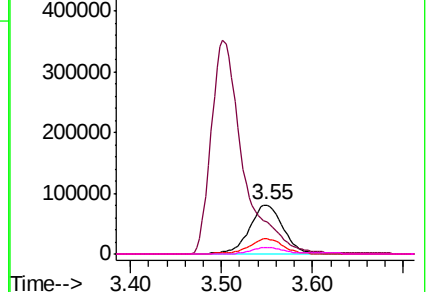


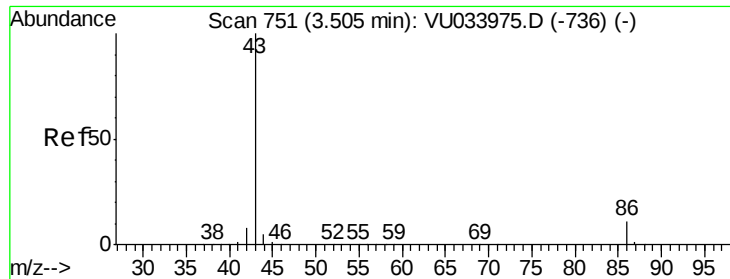
Abundance Ion 45.00 (44.70 to 45.70): VU033975.D (-739) (-)

Ion 43.00 (42.70 to 43.70): VU033975.D (-739) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-739) (-)

Ion 59.00 (58.70 to 59.70): VU033975.D (-739) (-)





#23

Vinyl Acetate

Concen: 101.183 ug/l

RT: 3.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

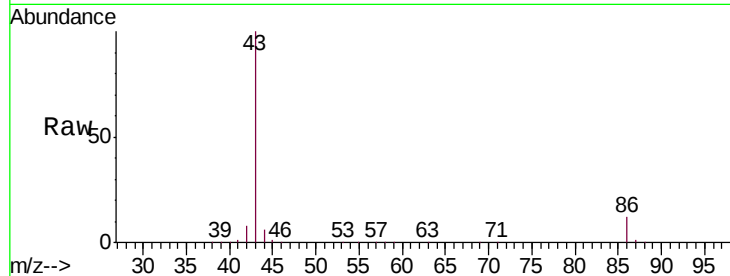
VU0828WBS01

Tgt Ion: 43 Resp: 864552

Ion Ratio Lower Upper

43 100

86 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-736) (-)

Ion 86.00 (85.70 to 86.70): VU033975.D (-736) (-)

3.50

400000

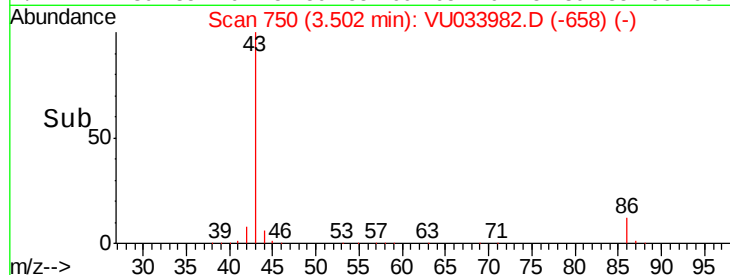
300000

200000

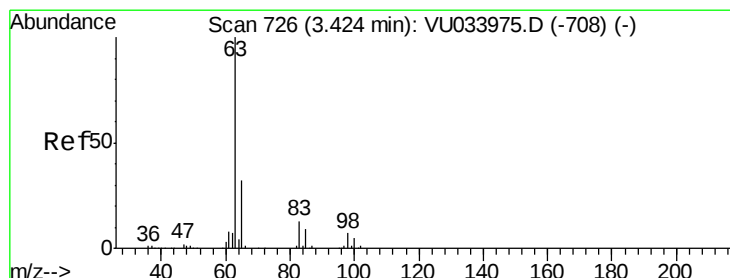
100000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 20.070 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

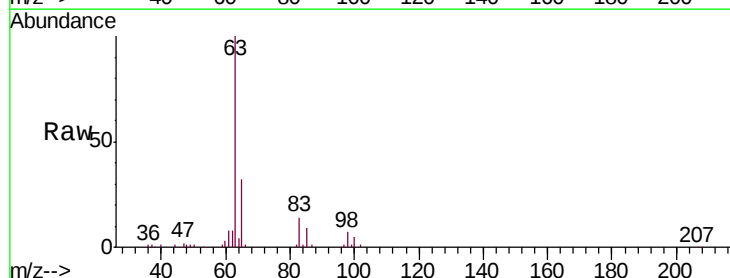
Tgt Ion: 63 Resp: 126376

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VU033975.D (-708) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-708) (-)

Ion 99.90 (99.60 to 100.60): VU033975.D (-708) (-)

3.42

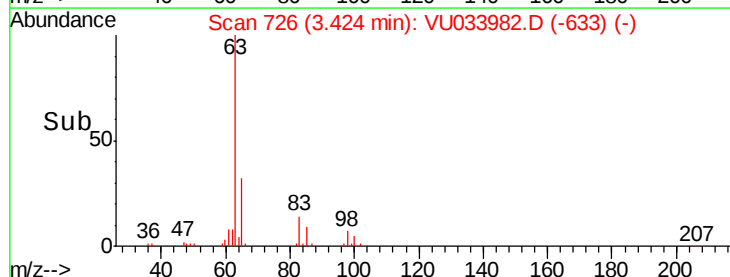
60000

40000

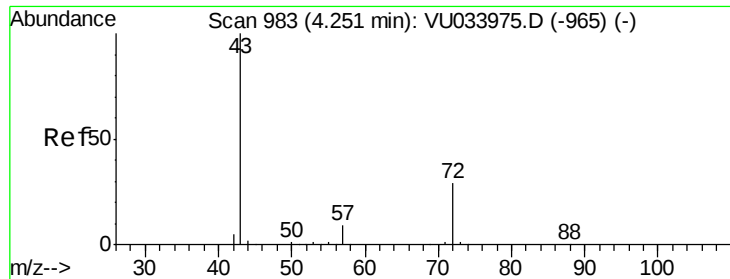
20000

0

Time-->



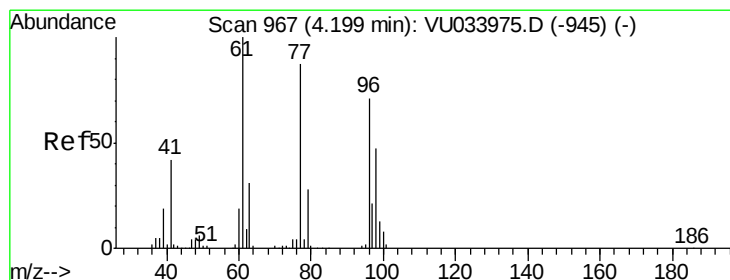
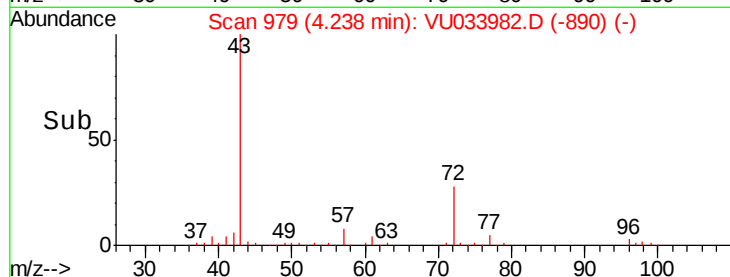
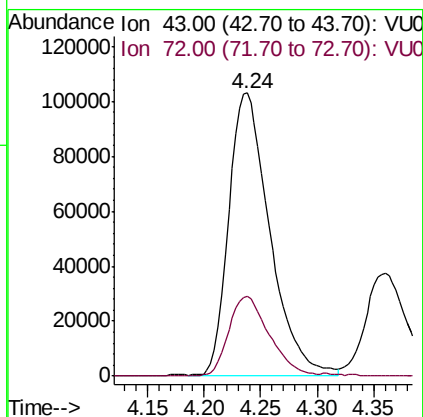
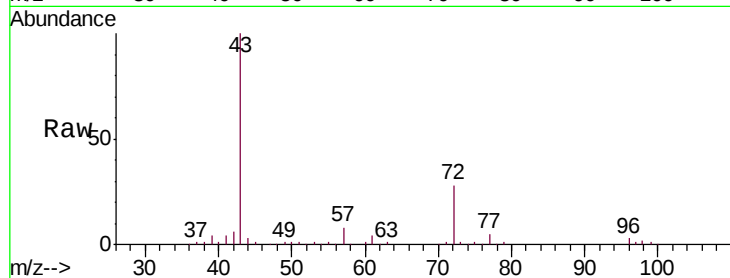
Time-->



#25  
2-Butanone  
Concen: 96.335 ug/l  
RT: 4.24 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

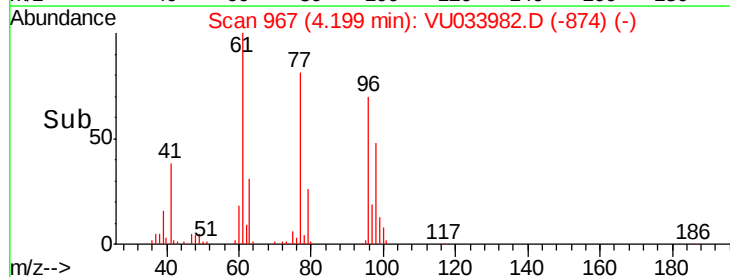
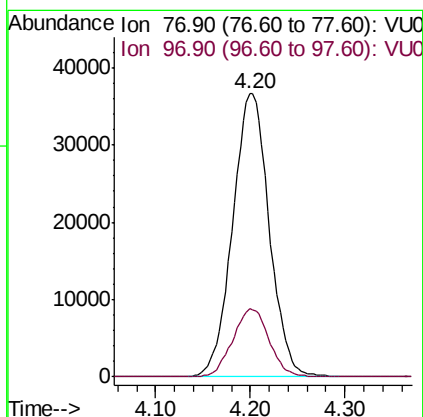
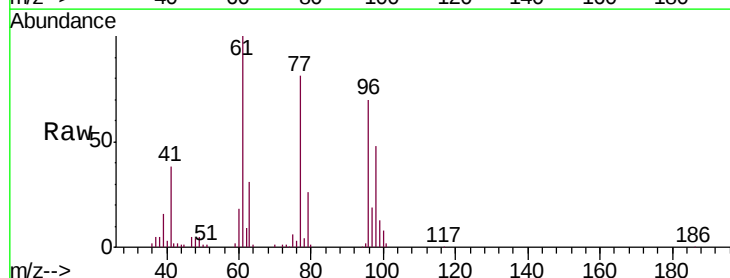
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

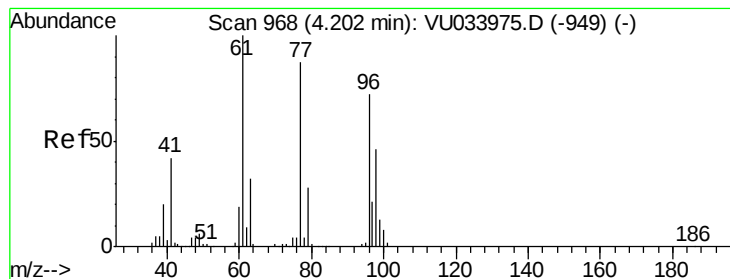
Tgt Ion: 43 Resp: 257772  
Ion Ratio Lower Upper  
43 100  
72 28.0 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 18.490 ug/l  
RT: 4.20 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 77 Resp: 98449  
Ion Ratio Lower Upper  
77 100  
97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.081 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

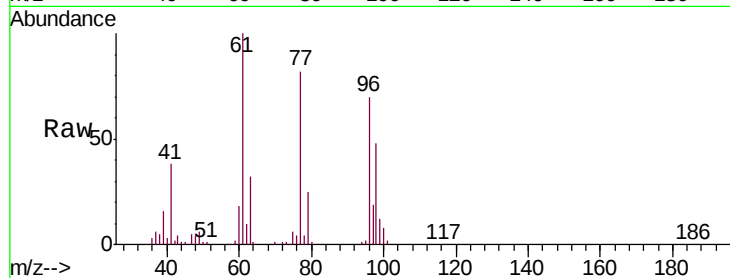
Tgt Ion: 96 Resp: 79235

Ion Ratio Lower Upper

96 100

61 139.8 0.0 287.2

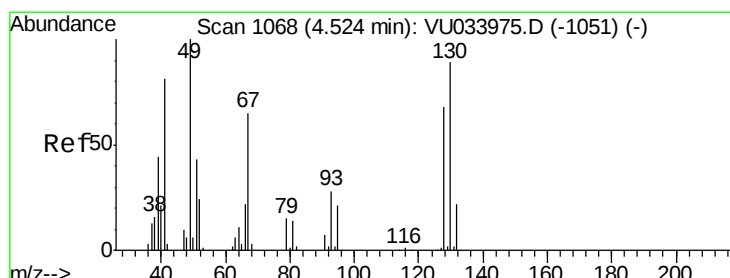
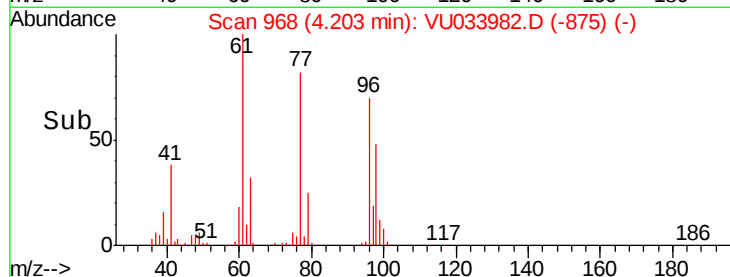
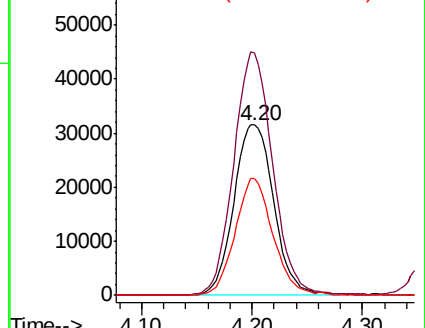
98 65.0 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-949) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-949) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-949) (-)



#28

Bromochloromethane

Concen: 19.642 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

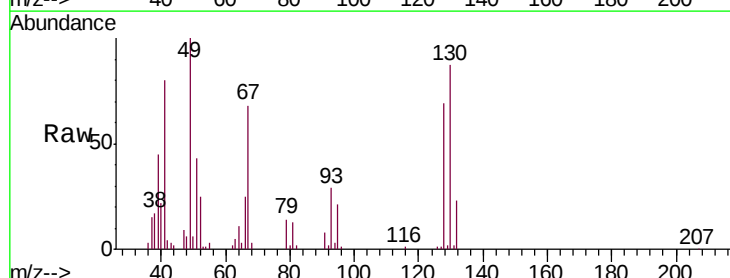
Tgt Ion: 49 Resp: 56906

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

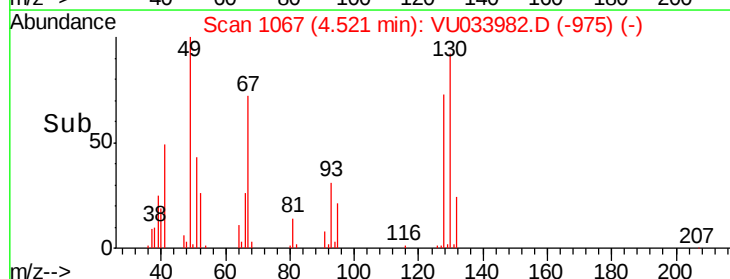
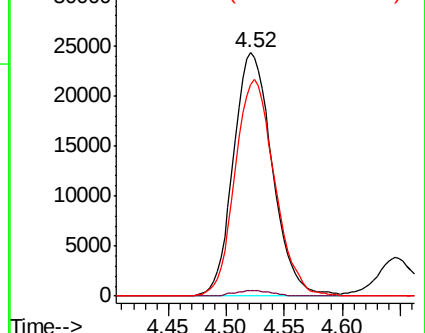
130 90.2 71.0 106.6

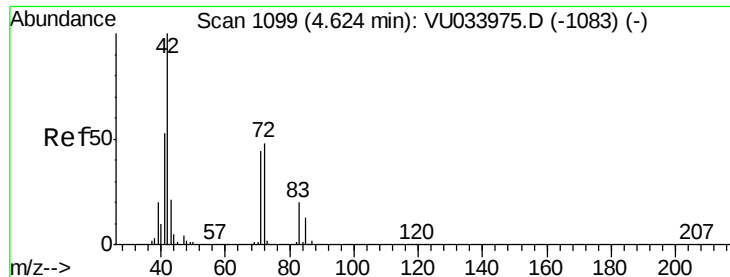


Abundance Ion 48.90 (48.60 to 49.60): VU033975.D (-1051) (-)

Ion 128.80 (128.50 to 129.50): VU033975.D (-1051) (-)

Ion 129.80 (129.50 to 130.50): VU033975.D (-1051) (-)





#29

Tetrahydrofuran

Concen: 98.974 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. -0.01 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

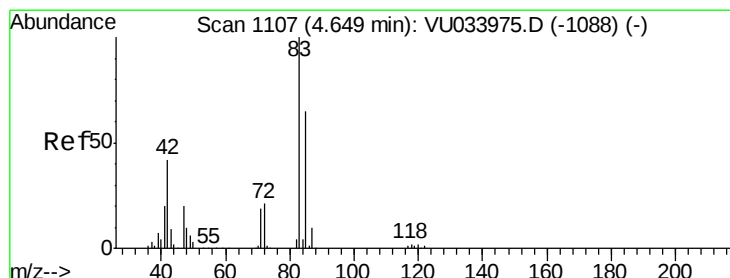
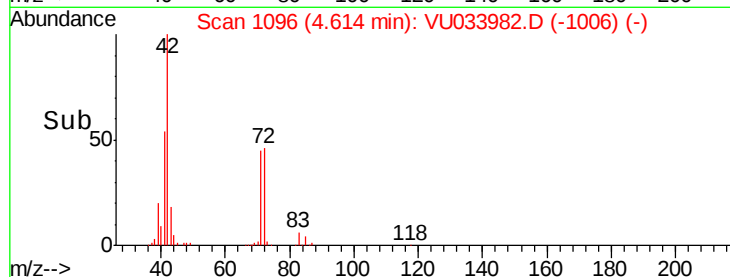
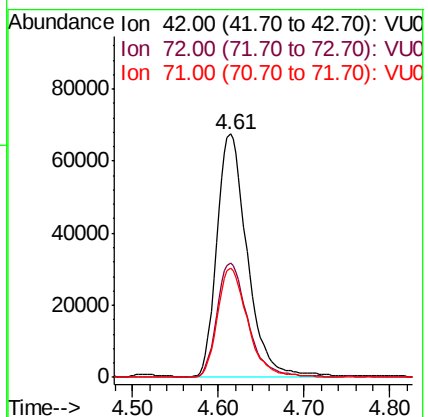
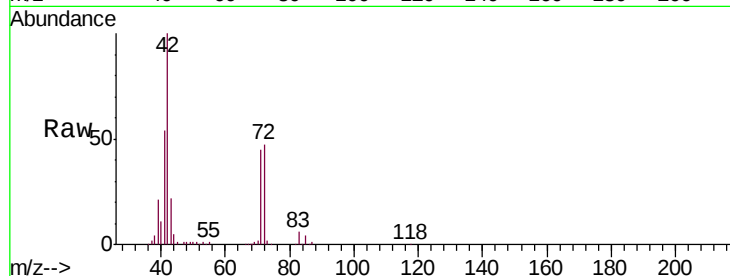
Tgt Ion: 42 Resp: 165646

Ion Ratio Lower Upper

42 100

72 48.0 38.9 58.3

71 44.6 35.7 53.5



#30

Chloroform

Concen: 19.632 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033982.D

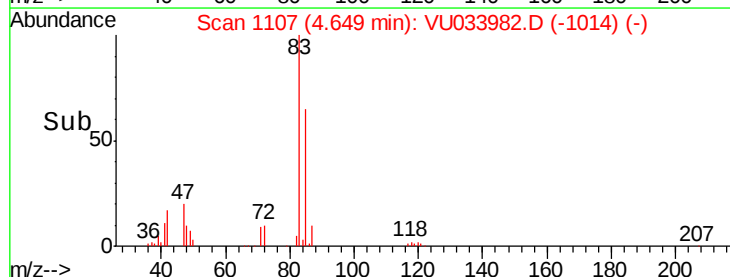
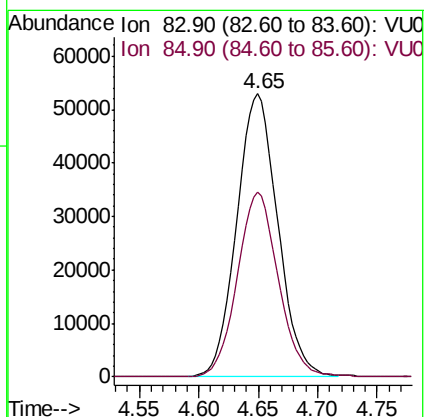
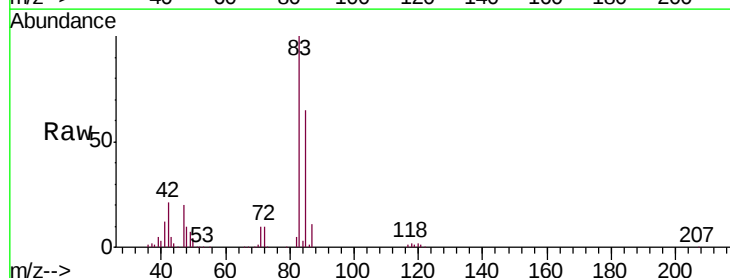
Acq: 27 Aug 2019 19:05

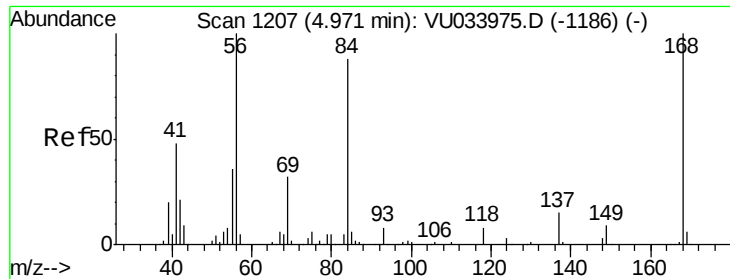
Tgt Ion: 83 Resp: 126583

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

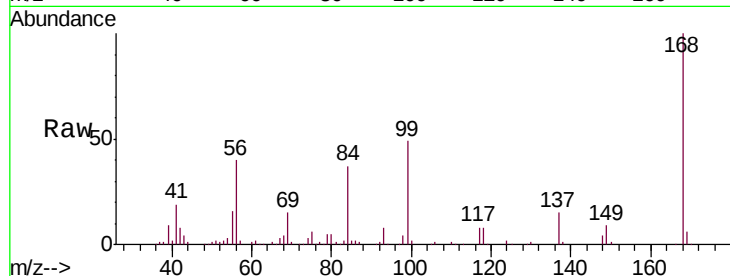




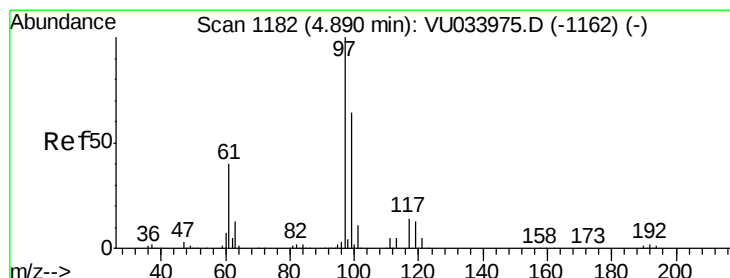
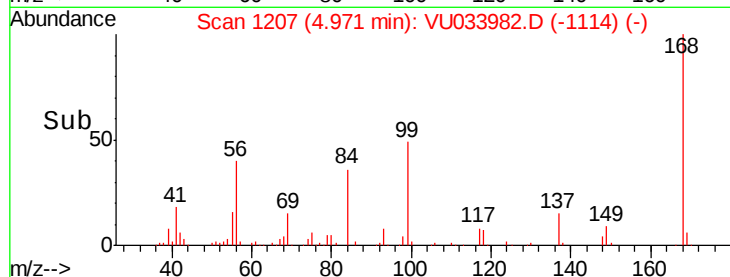
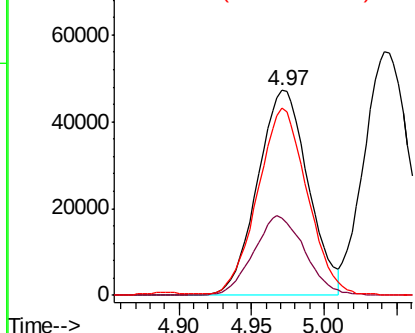
#31  
Cyclohexane  
Concen: 19.985 ug/l  
RT: 4.97 min Scan# 1207  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

Tgt Ion: 56 Resp: 114915  
Ion Ratio Lower Upper  
56 100  
69 37.7 25.9 38.9  
84 90.4 70.4 105.6

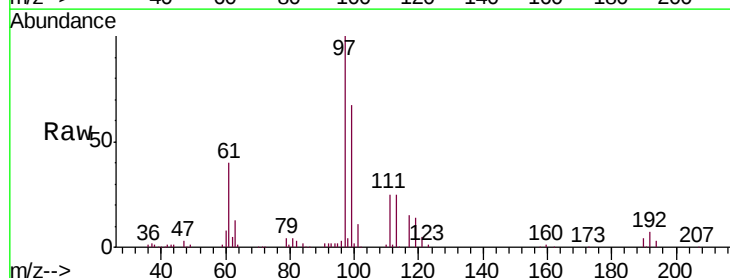


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

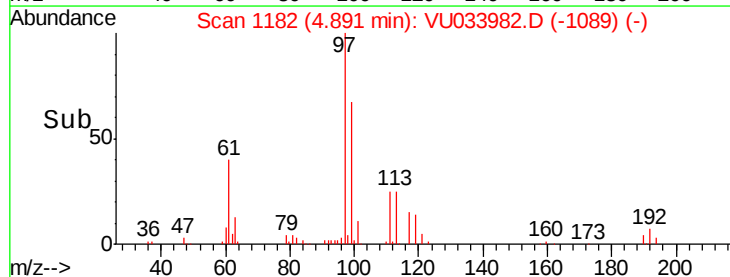
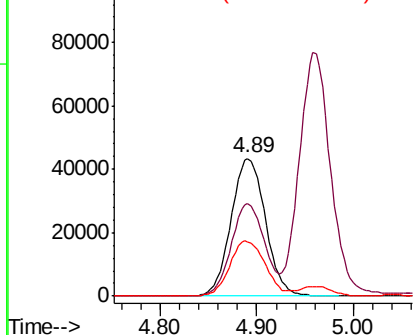


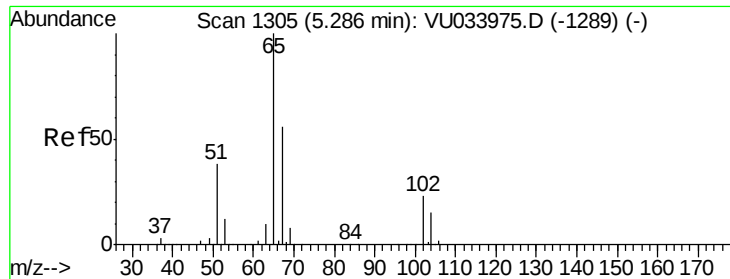
#32  
1,1,1-Trichloroethane  
Concen: 19.802 ug/l  
RT: 4.89 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 97 Resp: 107491  
Ion Ratio Lower Upper  
97 100  
99 65.4 51.6 77.4  
61 41.3 32.7 49.1



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

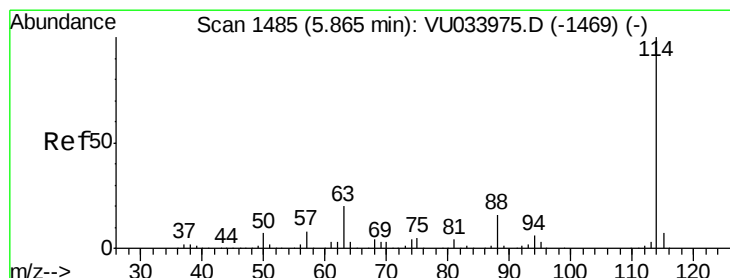
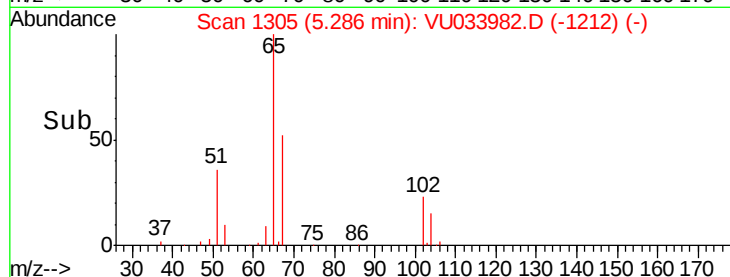
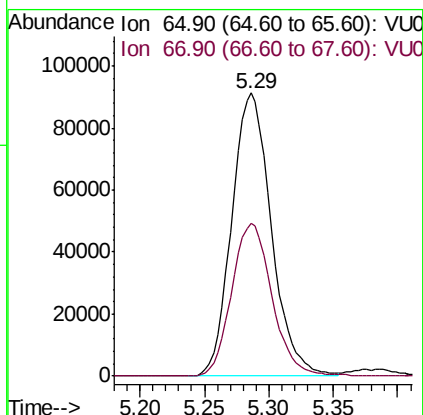
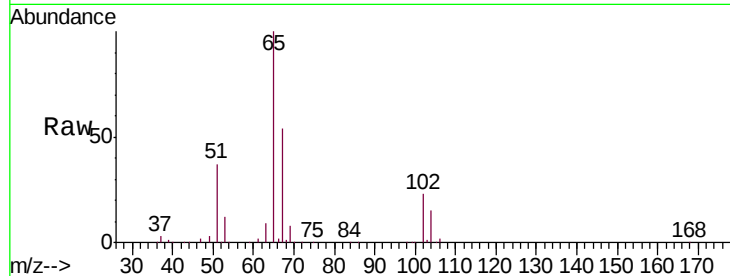




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.975 ug/l  
 RT: 5.29 min Scan# 1305  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

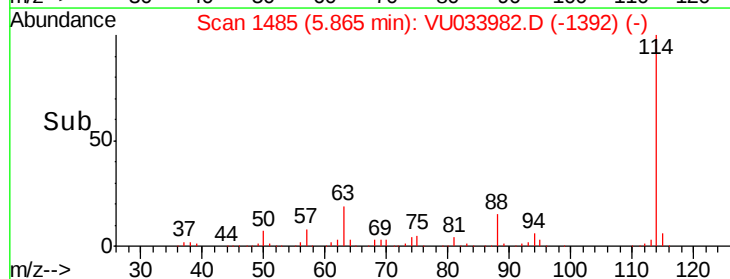
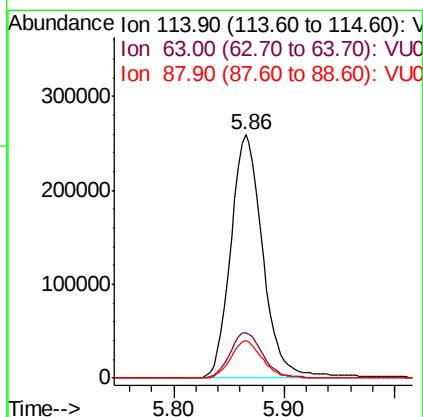
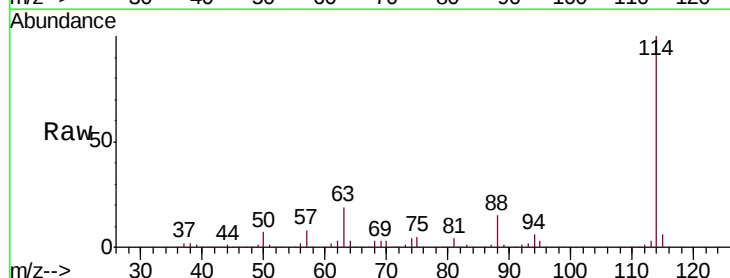
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

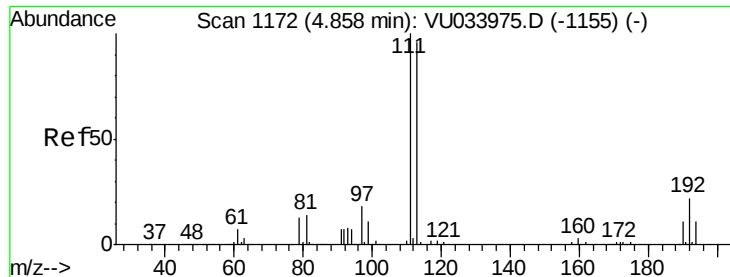
Tgt Ion: 65 Resp: 194890  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.86 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 114 Resp: 521307  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 39.0  
 88 15.2 0.0 31.2

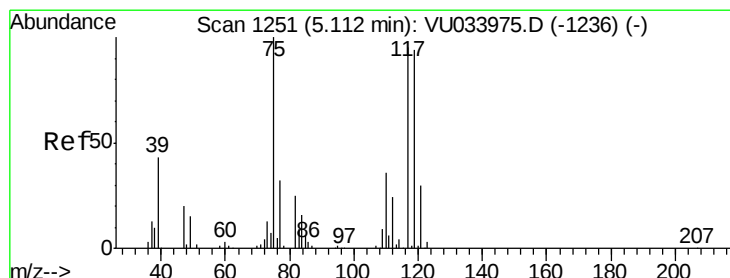
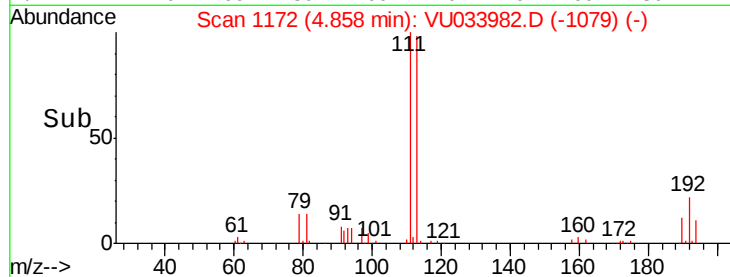
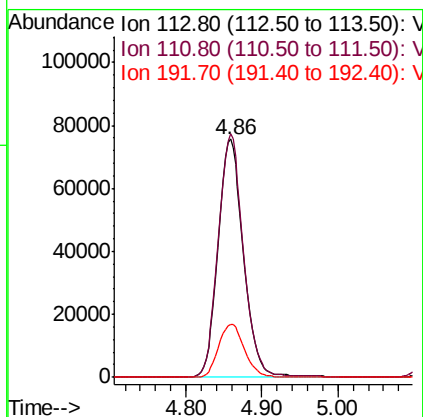
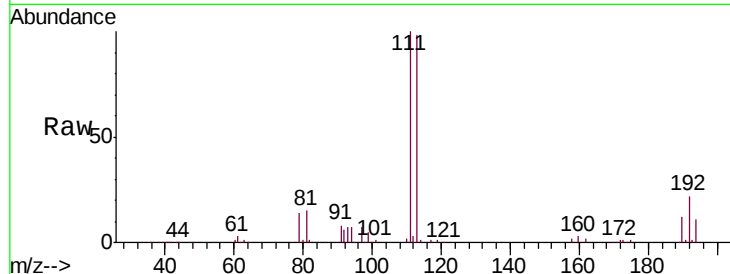




#35  
 Dibromofluoromethane  
 Concen: 50.097 ug/l  
 RT: 4.86 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

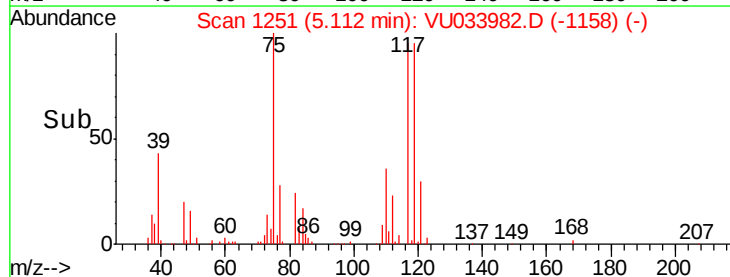
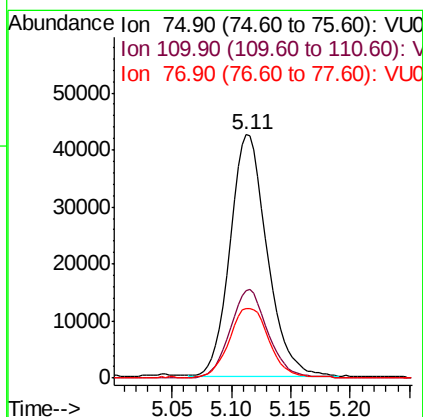
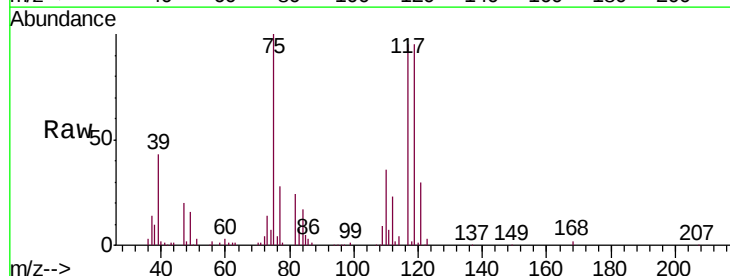
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

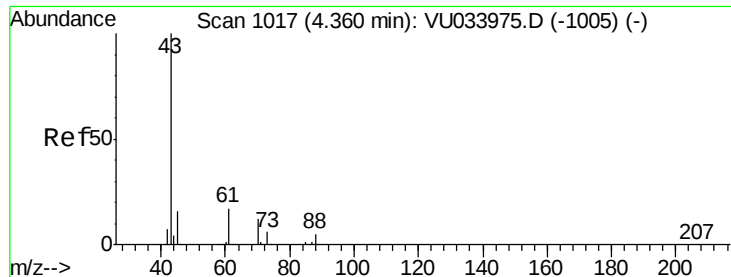
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.0 | 81.7  | 122.5 |
| 192     | 22.9  | 18.6  | 27.8  |



#36  
 1,1-Dichloropropene  
 Concen: 19.048 ug/l  
 RT: 5.11 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.9  | 18.2  | 54.6  |
| 77      | 31.7  | 24.8  | 37.2  |

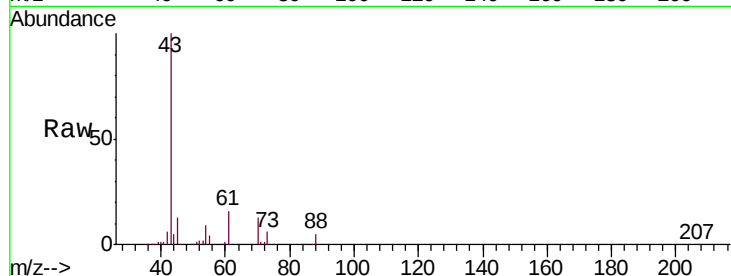




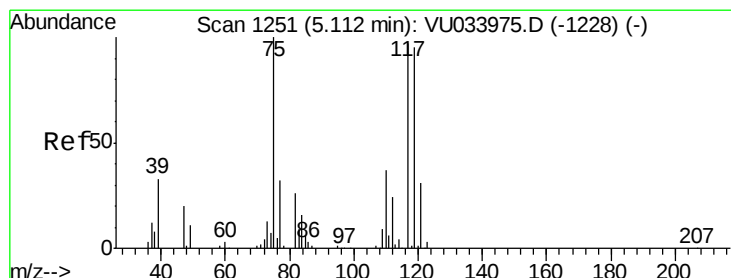
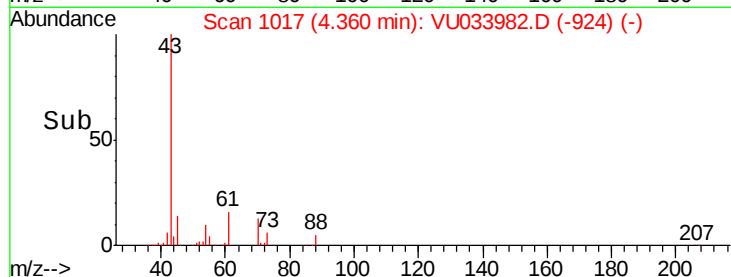
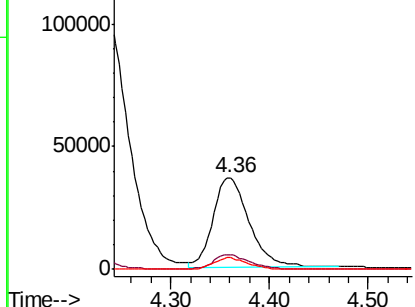
#37  
 Ethyl Acetate  
 Concen: 19.672 ug/l  
 RT: 4.36 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

Tgt Ion: 43 Resp: 94210  
 Ion Ratio Lower Upper  
 43 100  
 61 15.7 12.0 18.0  
 70 12.1 9.2 13.8

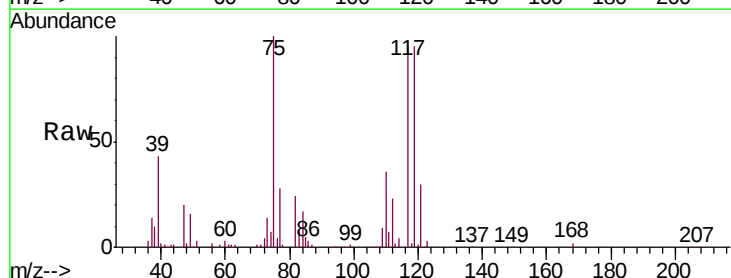


Abundance Ion 43.00 (42.70 to 43.70): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 70.00 (69.70 to 70.70): VU0

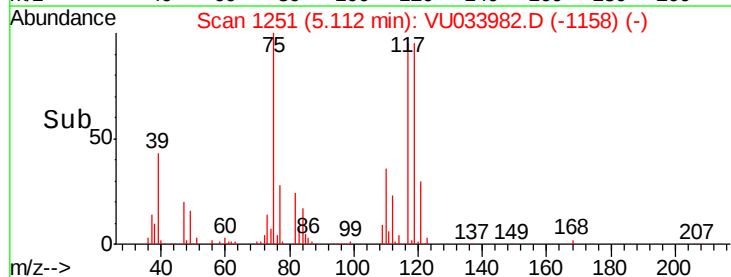
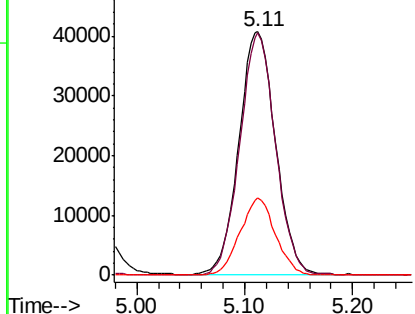


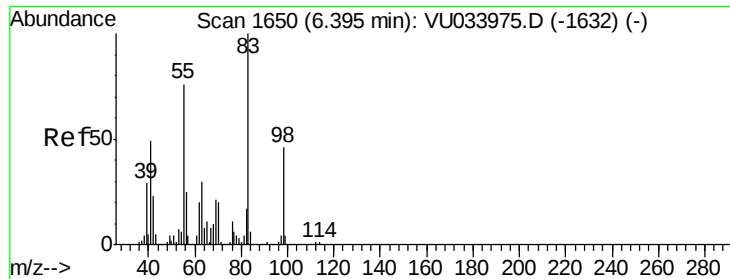
#38  
 Carbon Tetrachloride  
 Concen: 19.825 ug/l  
 RT: 5.11 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 117 Resp: 96468  
 Ion Ratio Lower Upper  
 117 100  
 119 99.6 78.4 117.6  
 121 31.8 25.4 38.2



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

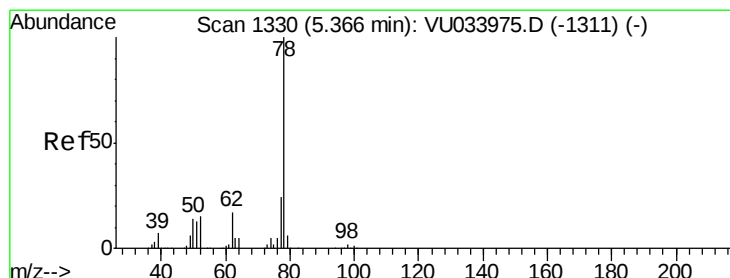
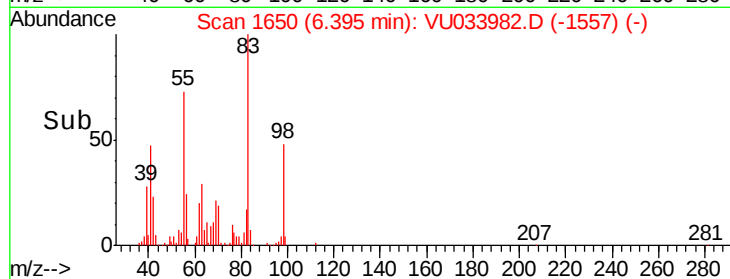
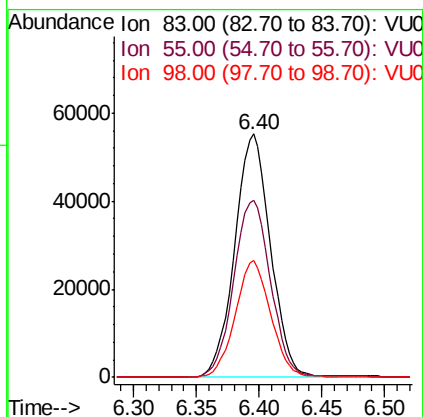
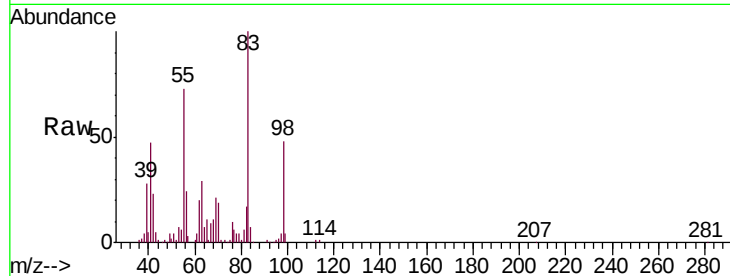




#39  
Methylcyclohexane  
Concen: 19.436 ug/l  
RT: 6.40 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

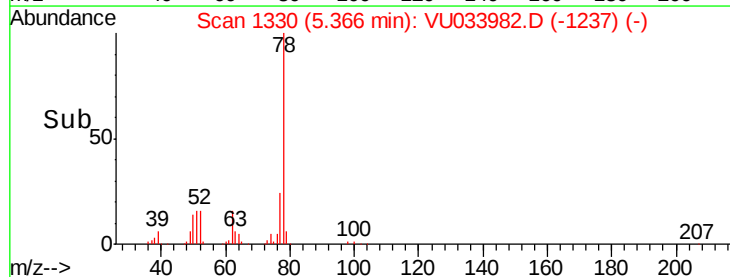
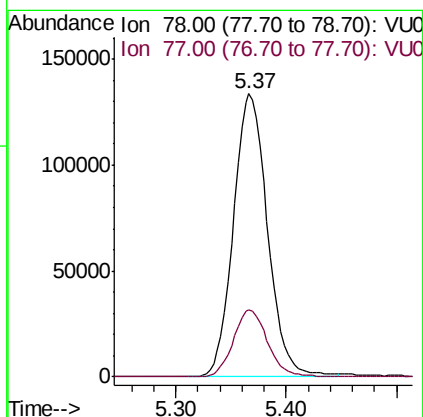
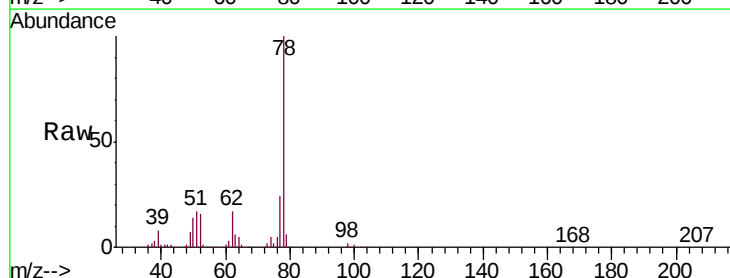
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

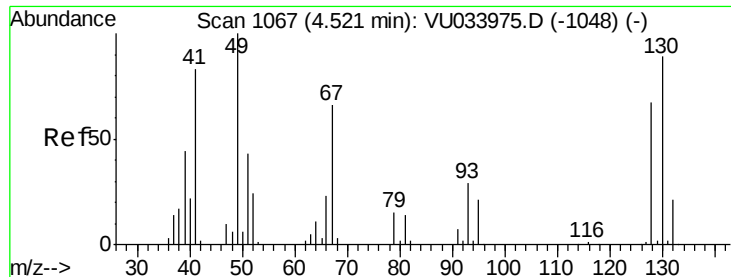
Tgt Ion: 83 Resp: 109807  
Ion Ratio Lower Upper  
83 100  
55 72.9 60.8 91.2  
98 48.2 36.5 54.7



#40  
Benzene  
Concen: 20.195 ug/l  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 78 Resp: 286688  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.2 28.8

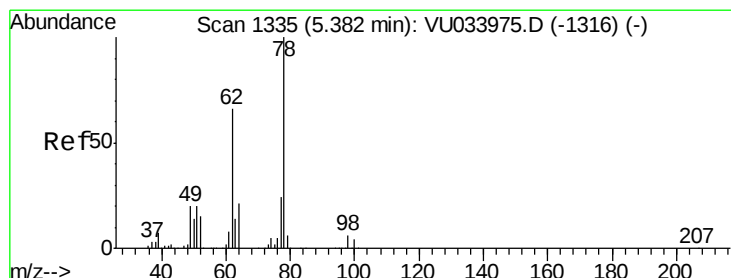
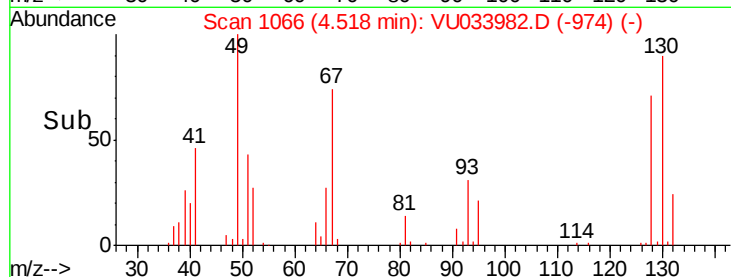
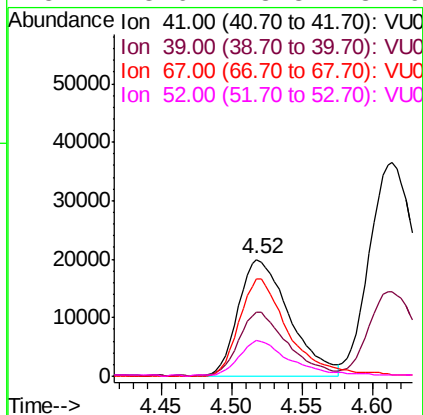
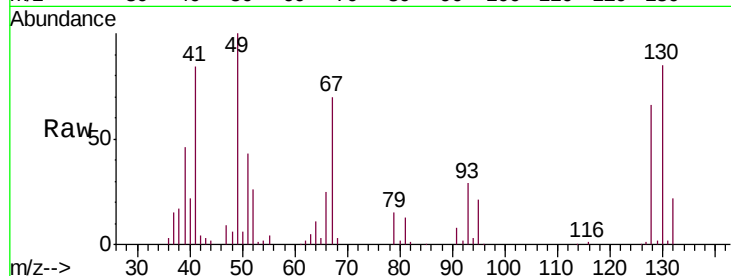




#41  
Methacrylonitrile  
Concen: 20.417 ug/l  
RT: 4.52 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

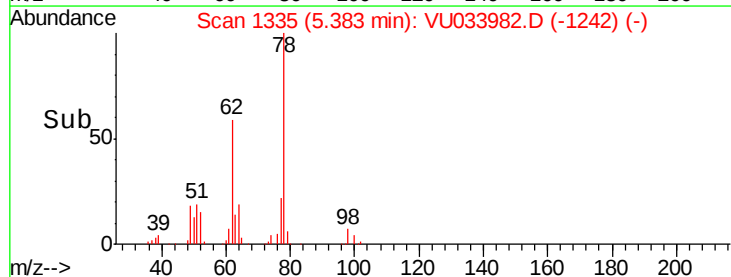
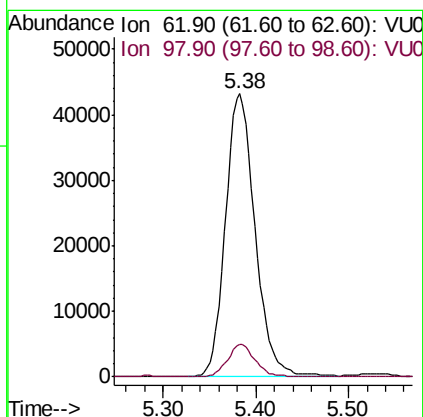
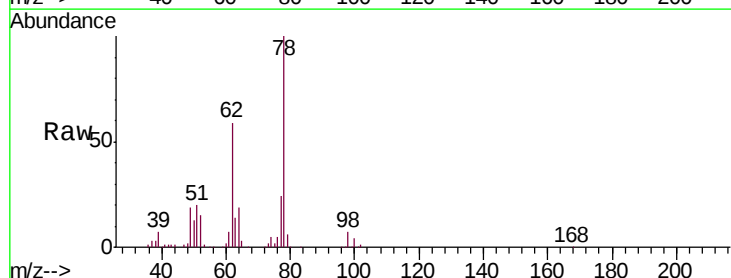
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

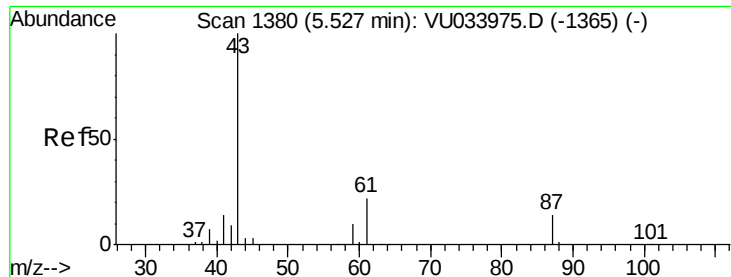
Tgt Ion: 41 Resp: 50667  
Ion Ratio Lower Upper  
41 100  
39 52.6 41.5 62.3  
67 80.4 65.0 97.6  
52 28.6 23.3 34.9



#42  
1,2-Dichloroethane  
Concen: 19.995 ug/l  
RT: 5.38 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 62 Resp: 95988  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 20.0





#43

Isopropyl Acetate

Concen: 19.796 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

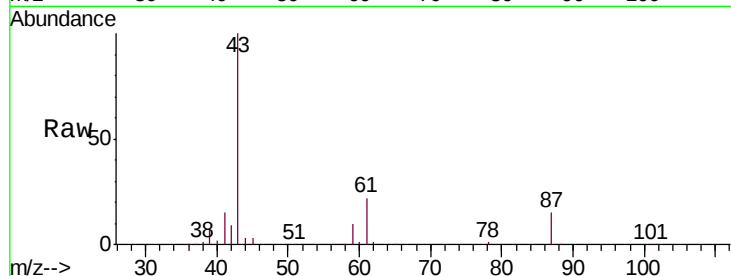
Tgt Ion: 43 Resp: 145362

Ion Ratio Lower Upper

43 100

61 22.1 17.8 26.8

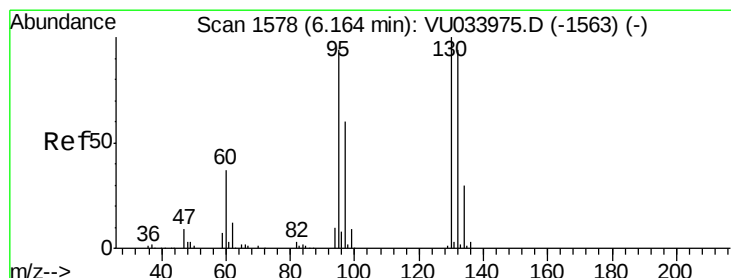
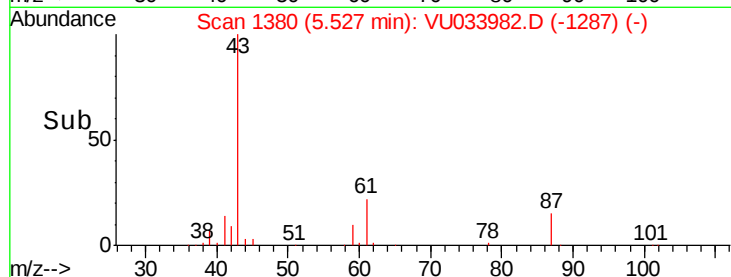
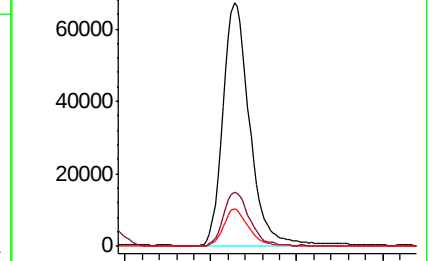
87 14.5 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#44

Trichloroethene

Concen: 19.813 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033982.D

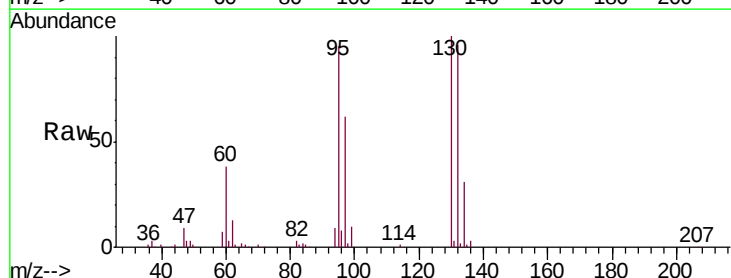
Acq: 27 Aug 2019 19:05

Tgt Ion: 130 Resp: 80199

Ion Ratio Lower Upper

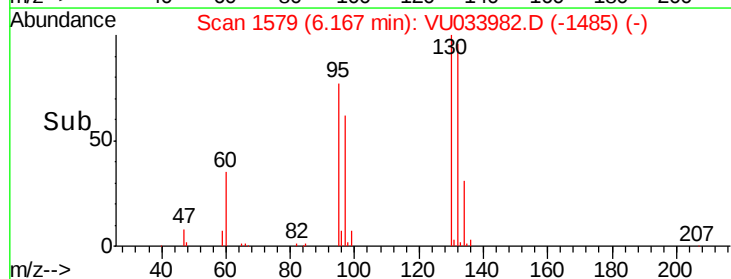
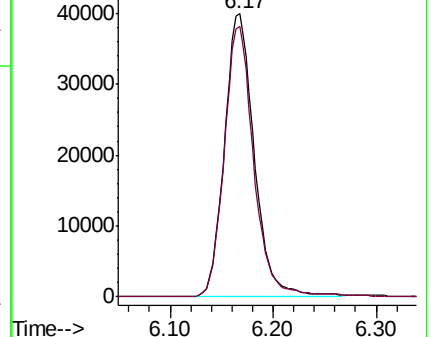
130 100

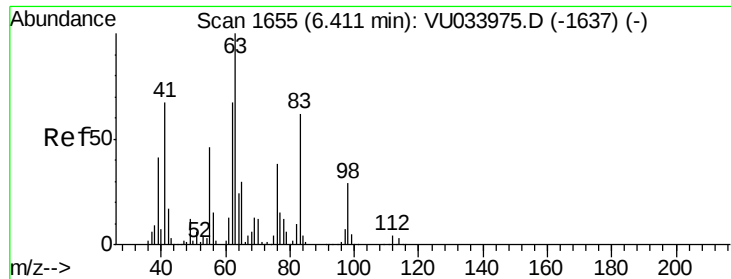
95 95.4 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033975.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033975.D (-1563) (-)





#45

1,2-Dichloropropane

Concen: 19.982 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

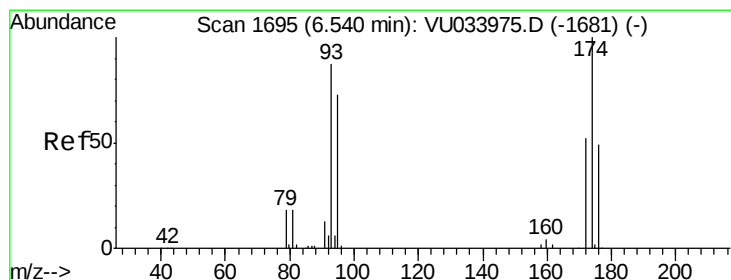
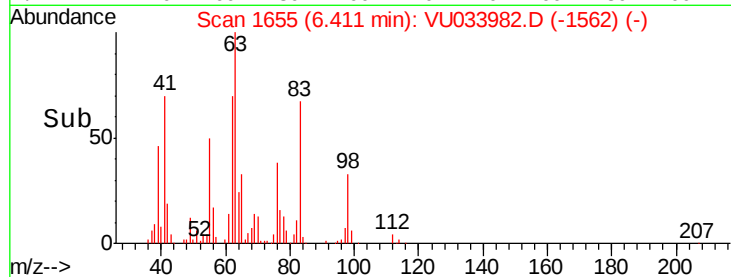
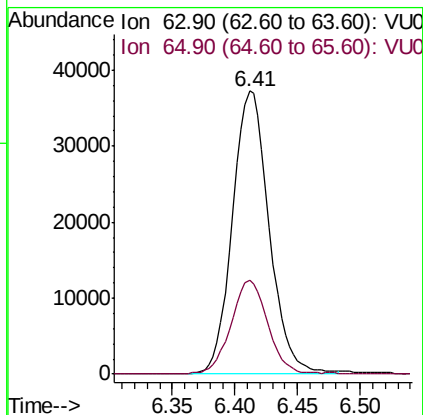
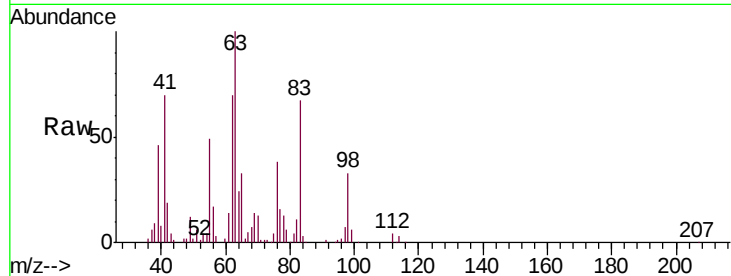
VU0828WBS01

Tgt Ion: 63 Resp: 75890

Ion Ratio Lower Upper

63 100

65 32.7 24.3 36.5



#46

Dibromomethane

Concen: 20.151 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

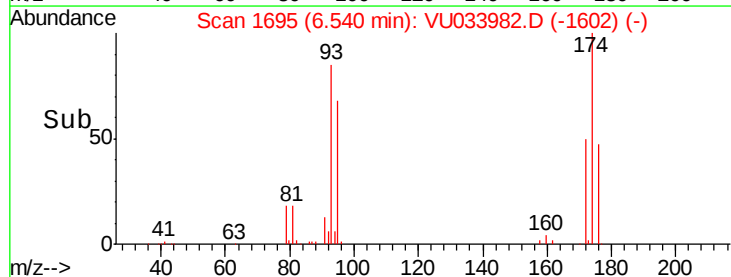
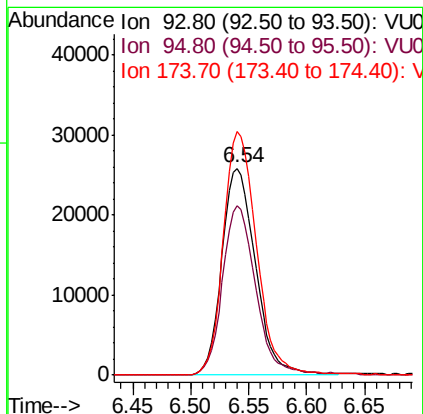
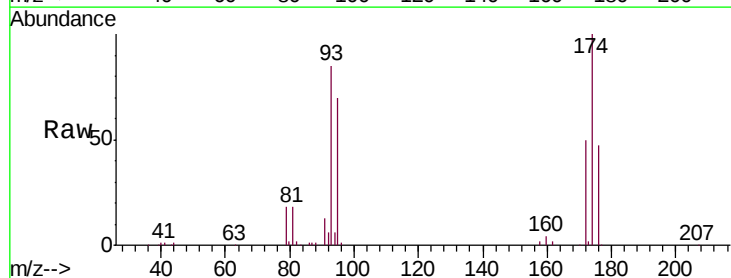
Tgt Ion: 93 Resp: 52050

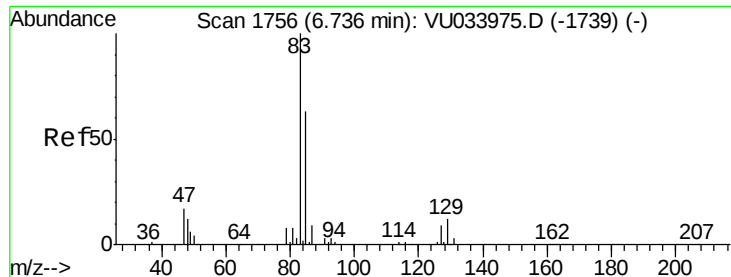
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

174 116.2 92.2 138.2

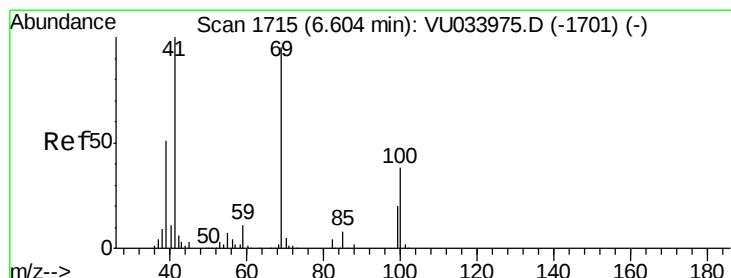
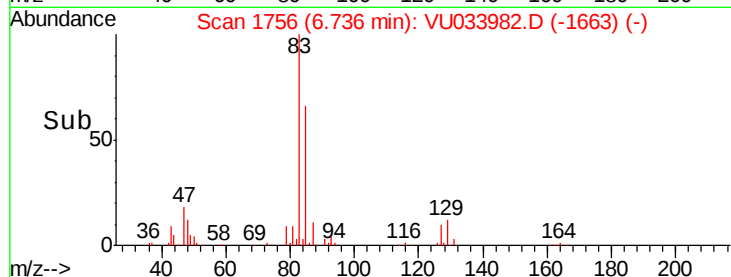
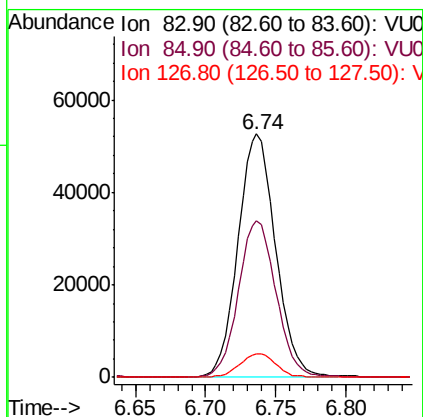
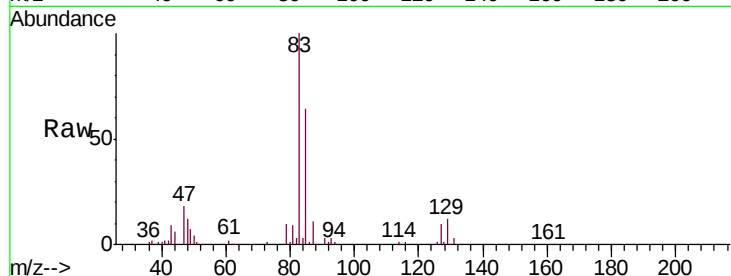




#47  
 Bromodichloromethane  
 Concen: 20.003 ug/l  
 RT: 6.74 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

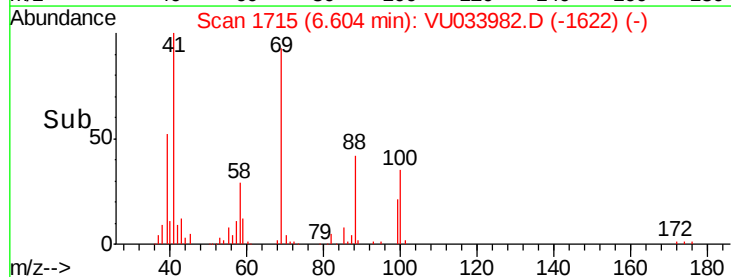
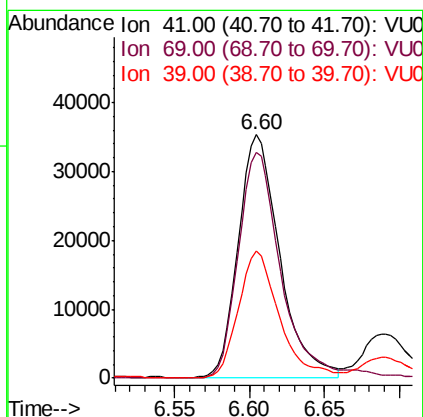
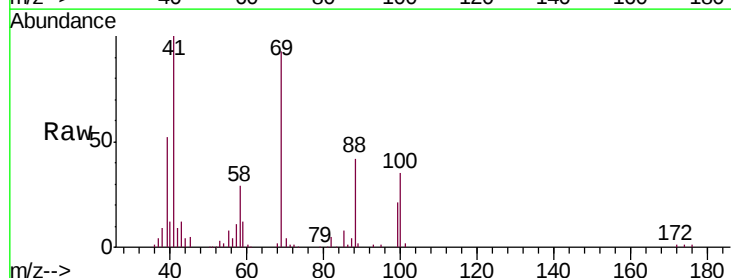
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

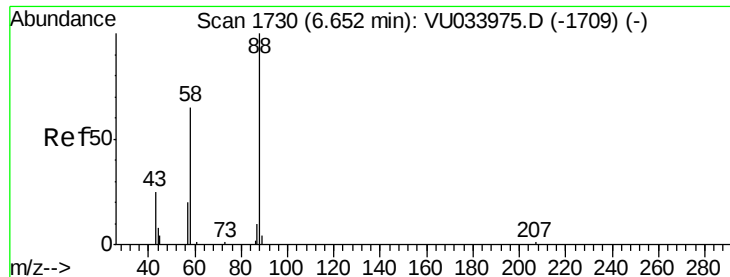
Tgt Ion: 83 Resp: 98407  
 Ion Ratio Lower Upper  
 83 100  
 85 64.5 50.6 76.0  
 127 9.8 7.4 11.0



#48  
 Methyl methacrylate  
 Concen: 19.381 ug/l  
 RT: 6.60 min Scan# 1715  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 41 Resp: 67665  
 Ion Ratio Lower Upper  
 41 100  
 69 97.4 76.3 114.5  
 39 51.8 41.1 61.7





#49

1,4-Dioxane

Concen: 392.791 ug/l

RT: 6.59 min Scan# 1712

Delta R.T. -0.06 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

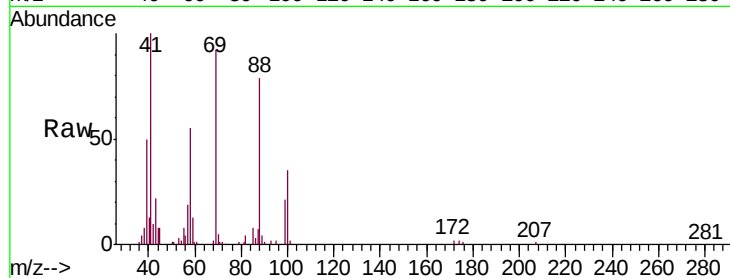
Tgt Ion: 88 Resp: 37635

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

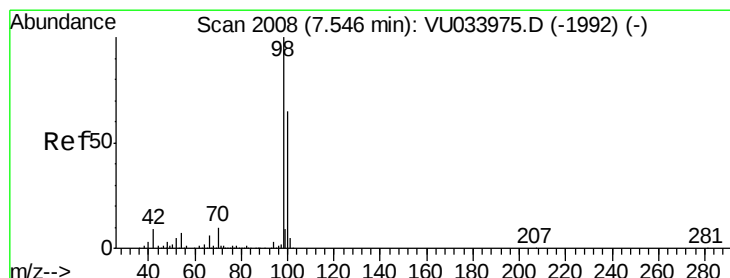
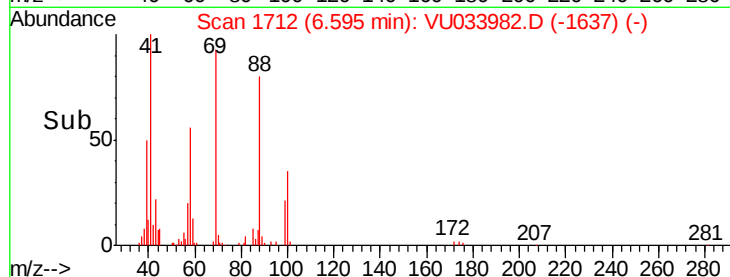
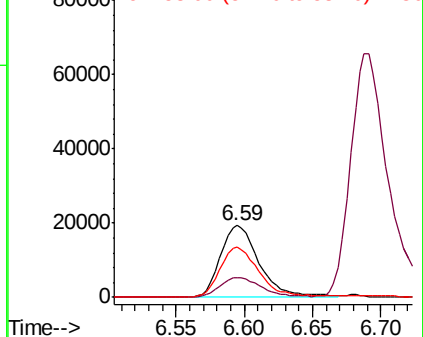
58 71.4 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VU033975.D (-1709) (-)

Ion 43.00 (42.70 to 43.70): VU033975.D (-1709) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-1709) (-)



#50

Toluene-d8

Concen: 51.726 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033982.D

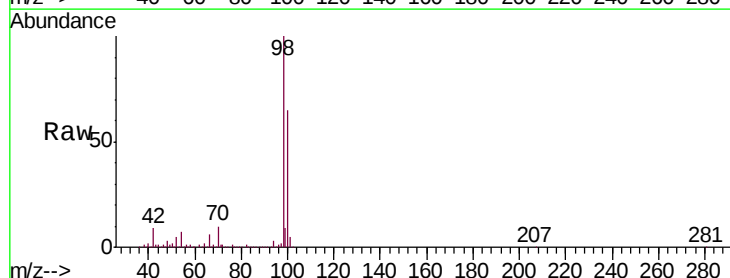
Acq: 27 Aug 2019 19:05

Tgt Ion: 98 Resp: 668567

Ion Ratio Lower Upper

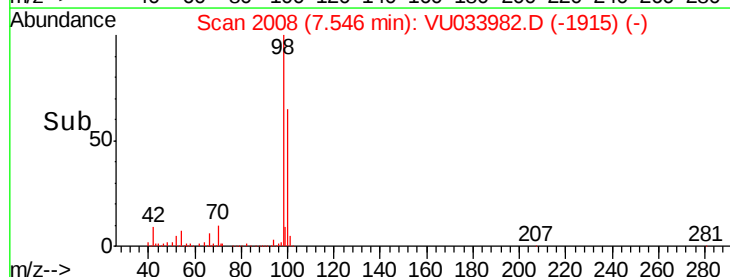
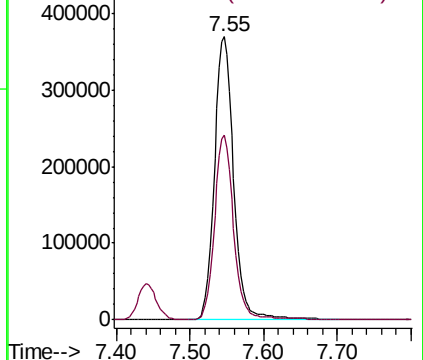
98 100

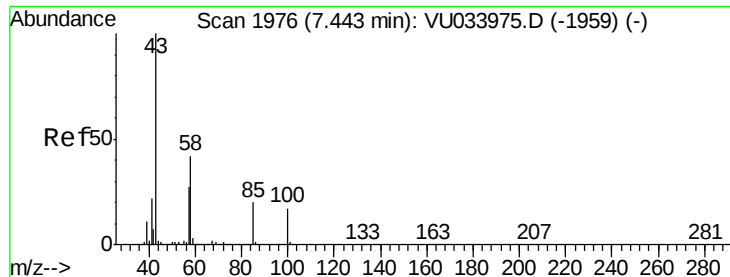
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)

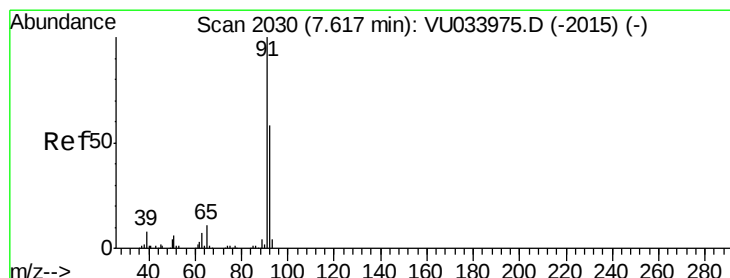
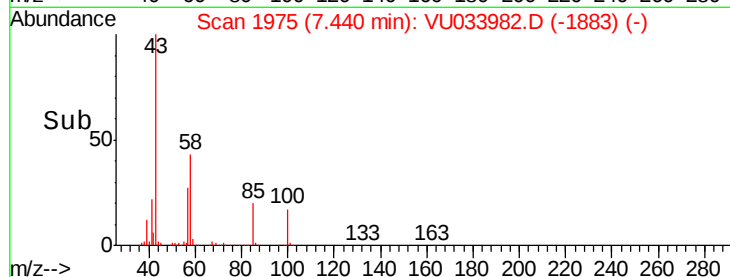
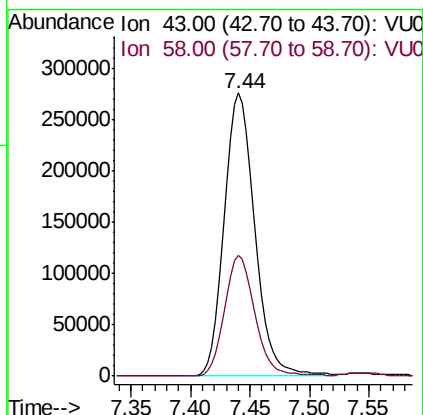
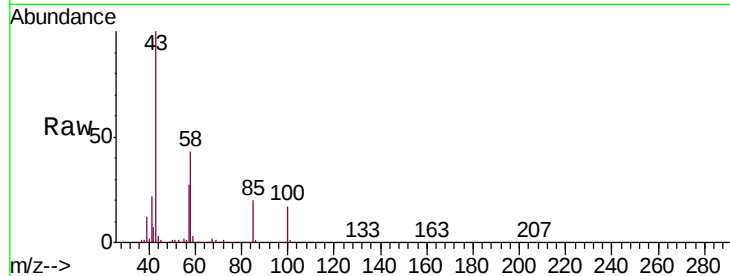




#51  
 4-Methyl-2-Pentanone  
 Concen: 97.163 ug/l  
 RT: 7.44 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

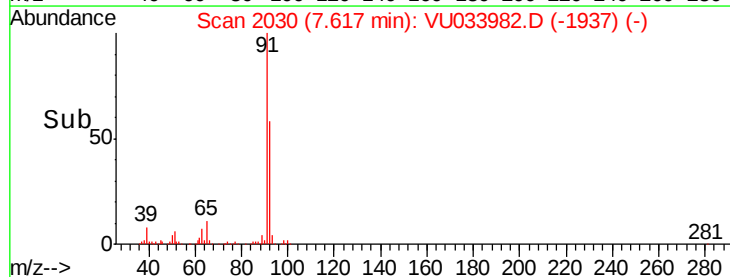
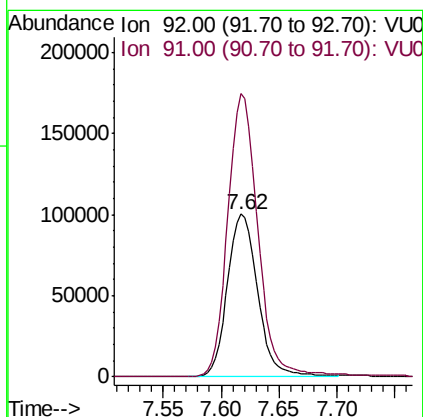
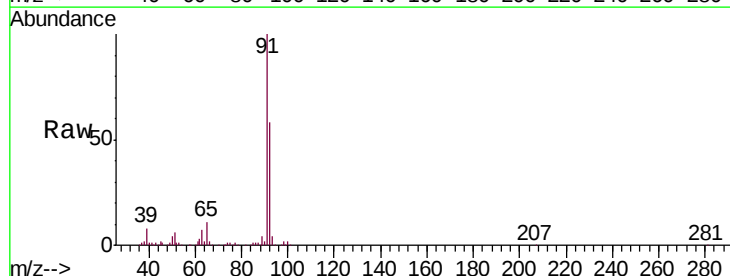
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

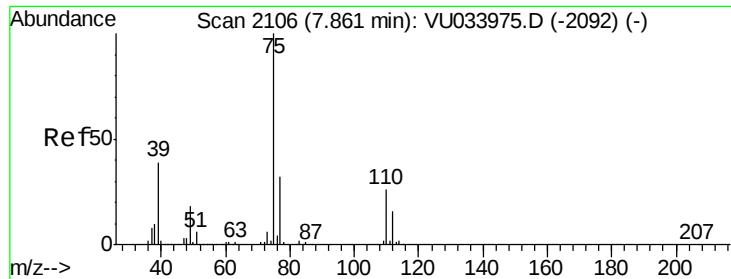
Tgt Ion: 43 Resp: 491920  
 Ion Ratio Lower Upper  
 43 100  
 58 42.2 33.6 50.4



#52  
 Toluene  
 Concen: 20.470 ug/l  
 RT: 7.62 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 92 Resp: 183234  
 Ion Ratio Lower Upper  
 92 100  
 91 174.8 138.8 208.2

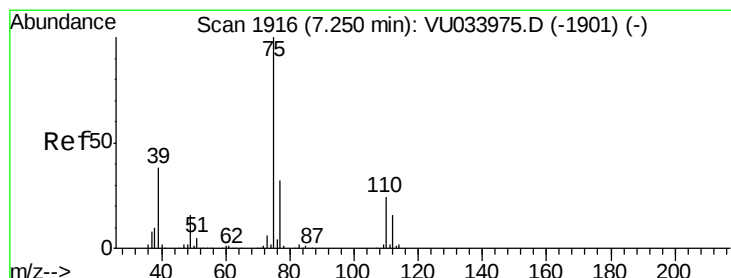
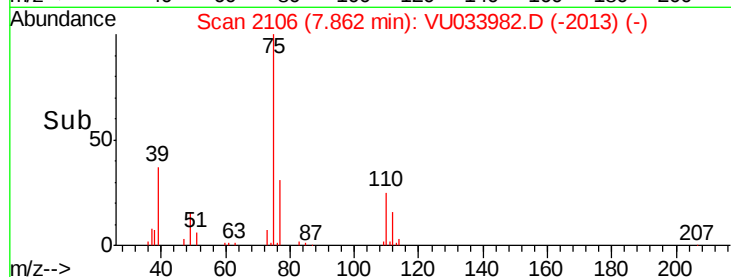
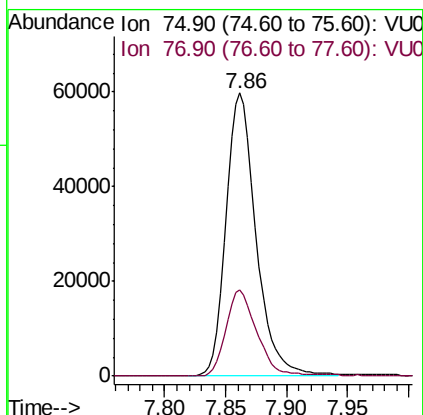
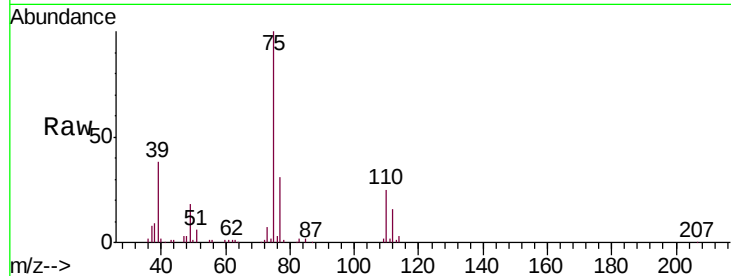




#53  
t-1,3-Dichloropropene  
Concen: 19.034 ug/l  
RT: 7.86 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

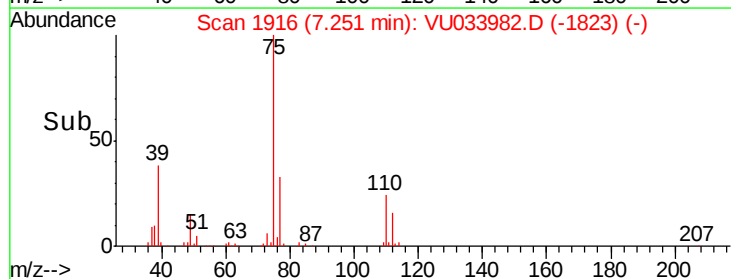
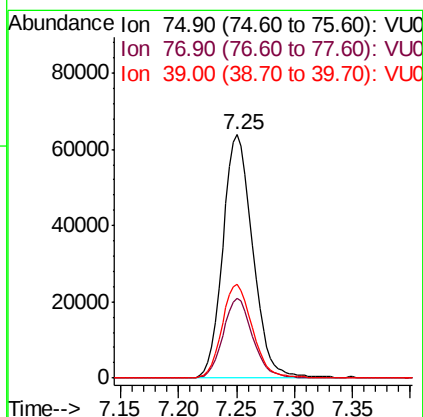
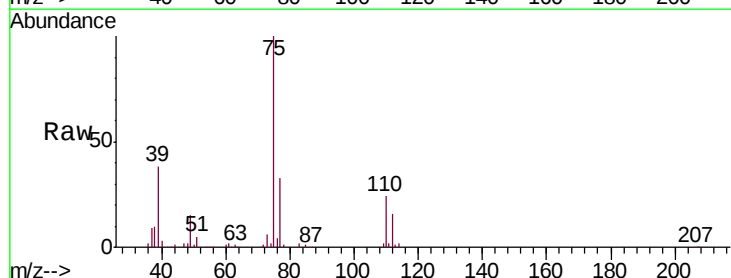
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

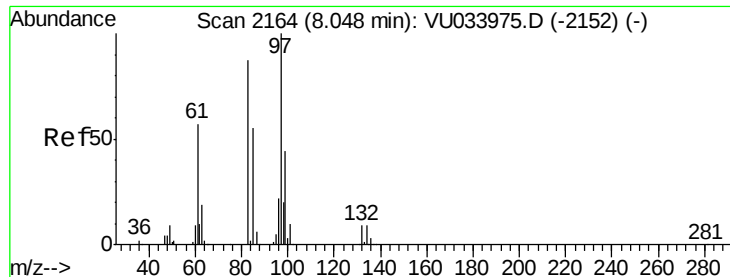
Tgt Ion: 75 Resp: 103549  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 19.537 ug/l  
RT: 7.25 min Scan# 1916  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 75 Resp: 114895  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.6 38.4  
39 38.4 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 19.456 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

Tgt Ion: 97 Resp: 73589

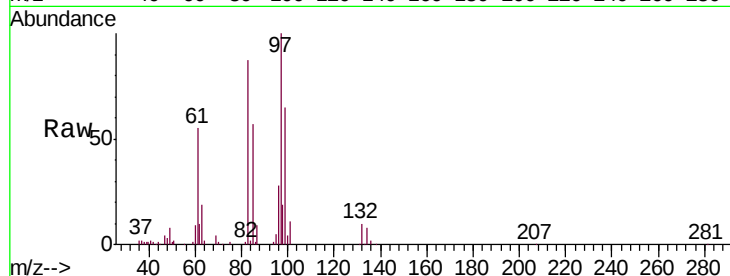
Ion Ratio Lower Upper

97 100

83 87.3 69.8 104.6

85 56.5 45.2 67.8

99 64.9 52.2 78.4

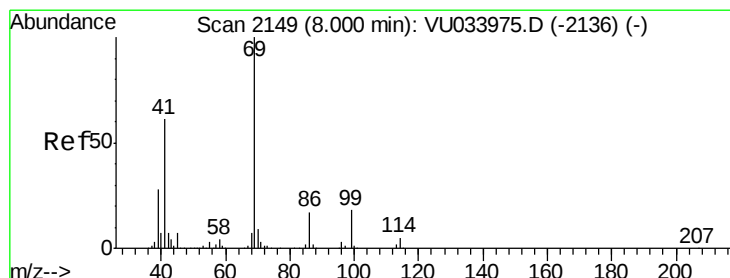
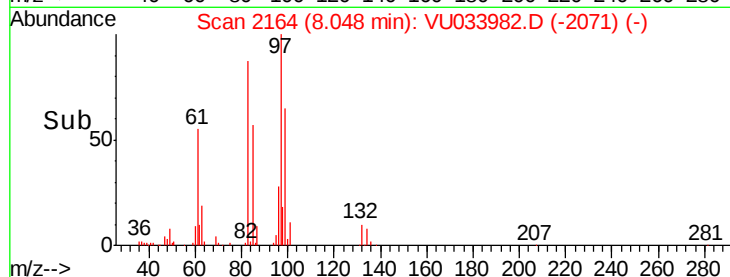
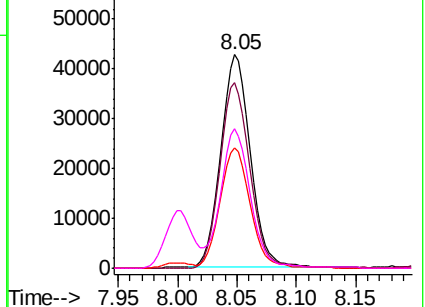


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 19.601 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

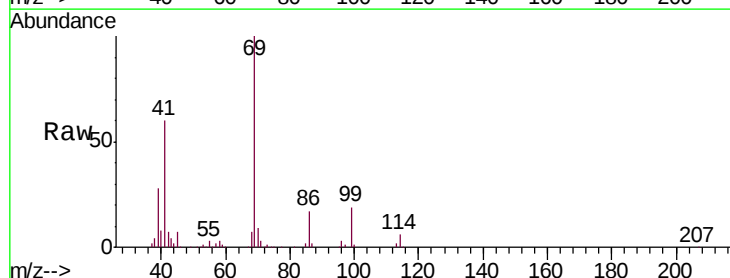
Tgt Ion: 69 Resp: 107278

Ion Ratio Lower Upper

69 100

41 59.3 48.6 72.8

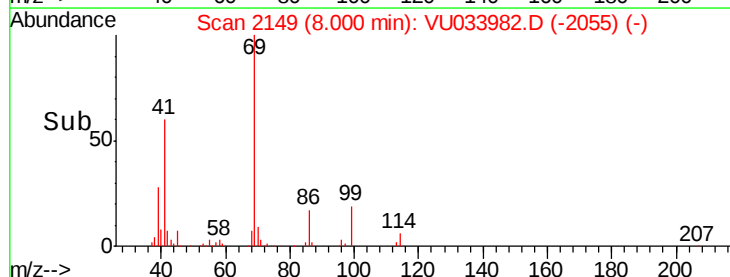
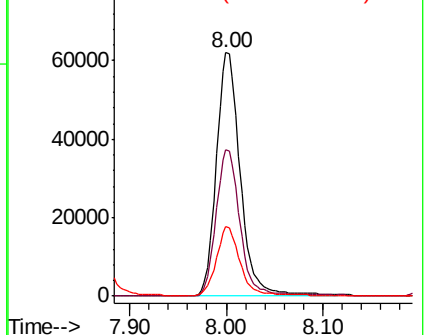
39 27.4 22.4 33.6

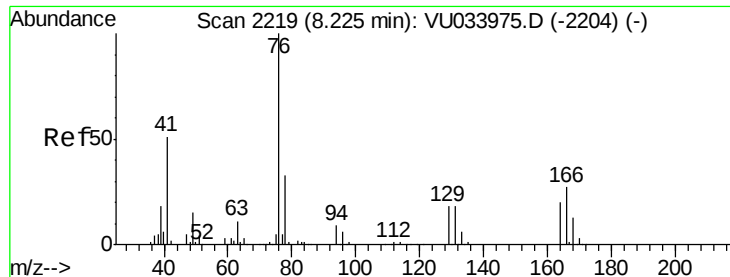


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

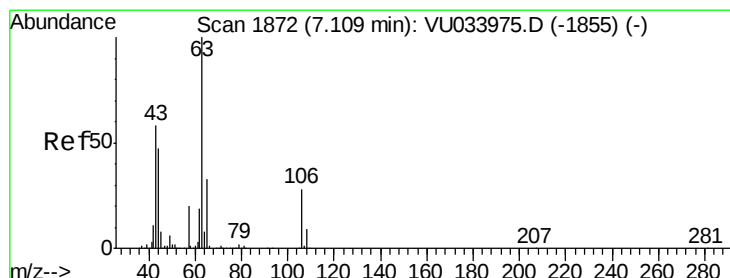
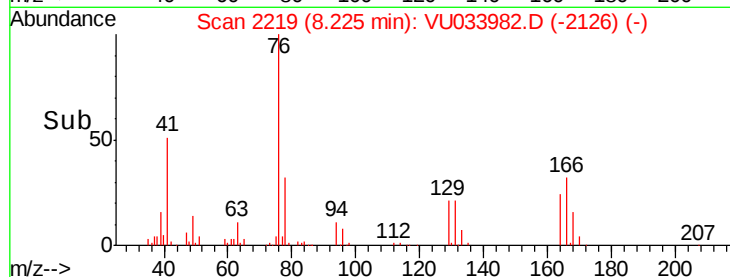
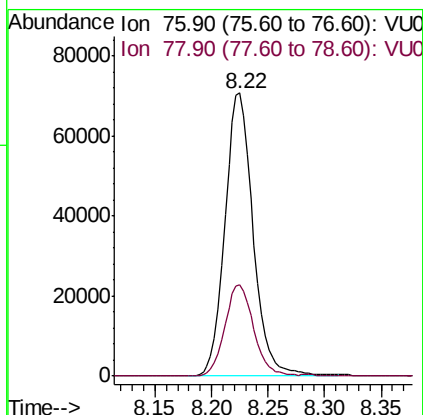
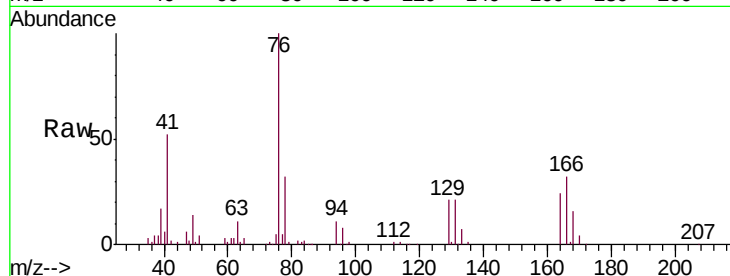




#57  
 1,3-Dichloropropane  
 Concen: 19.912 ug/l  
 RT: 8.22 min Scan# 2219  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

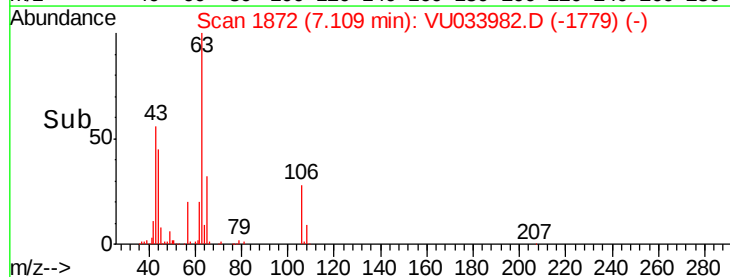
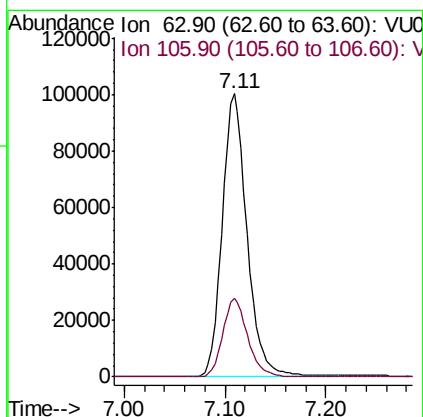
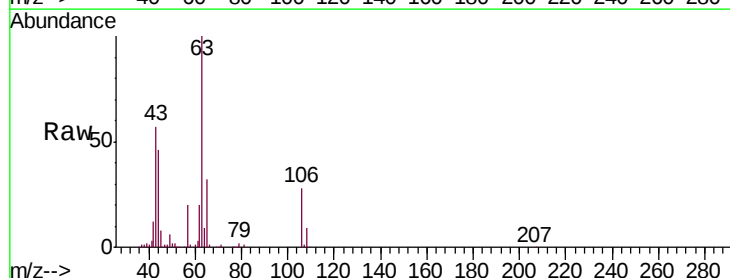
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

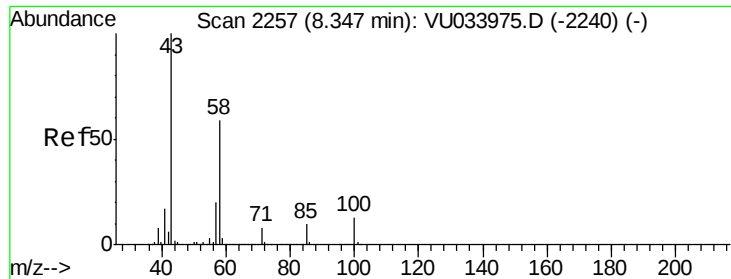
Tgt Ion: 76 Resp: 122742  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 89.121 ug/l  
 RT: 7.11 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 63 Resp: 172896  
 Ion Ratio Lower Upper  
 63 100  
 106 27.8 22.4 33.6

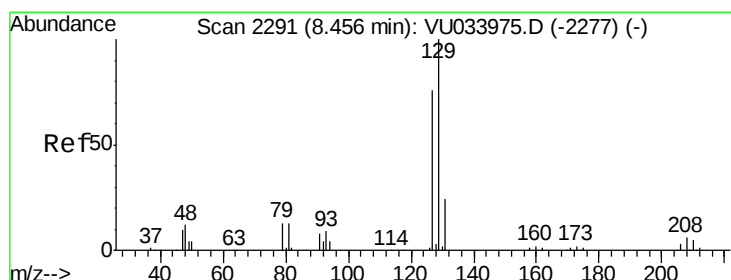
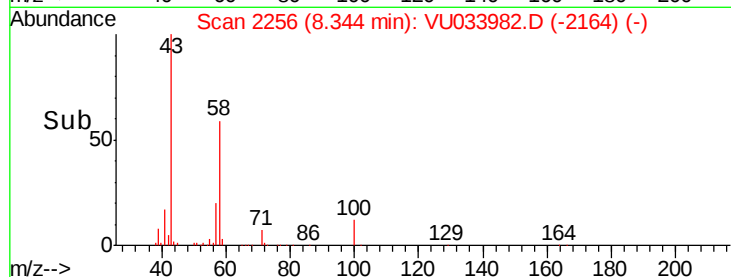
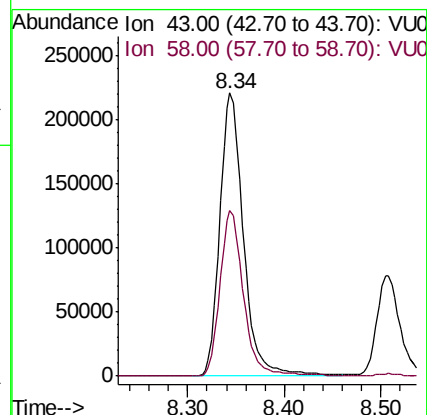
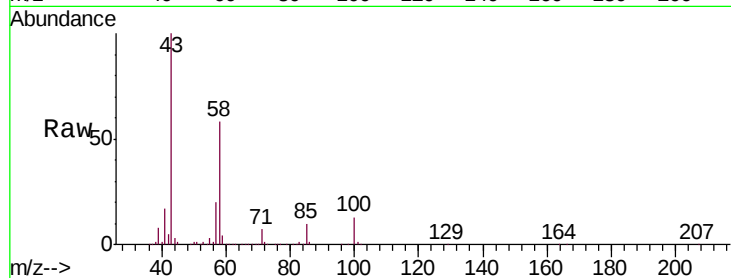




#59  
2-Hexanone  
Concen: 96.595 ug/l  
RT: 8.34 min Scan# 2256  
Delta R.T. -0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

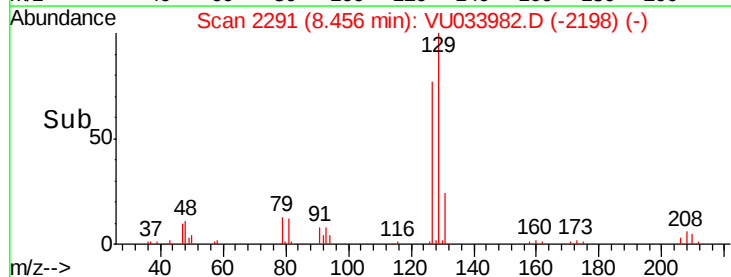
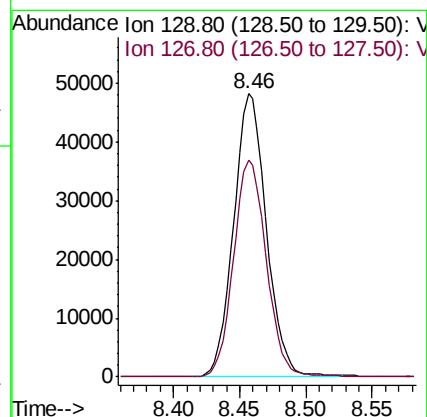
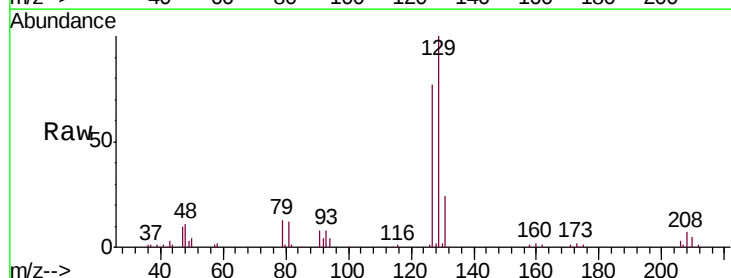
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

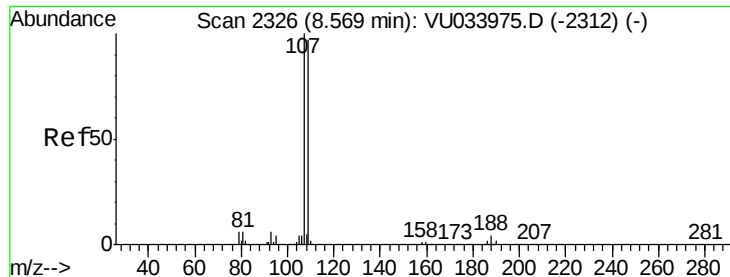
Tgt Ion: 43 Resp: 375898  
Ion Ratio Lower Upper  
43 100  
58 58.6 29.5 88.6



#60  
Dibromochloromethane  
Concen: 19.473 ug/l  
RT: 8.46 min Scan# 2291  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion: 129 Resp: 82825  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.493 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

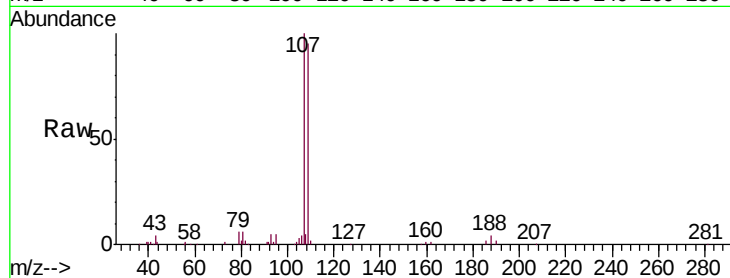
VU0828WBS01

Tgt Ion: 107 Resp: 77868

Ion Ratio Lower Upper

107 100

109 93.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

50000

40000

30000

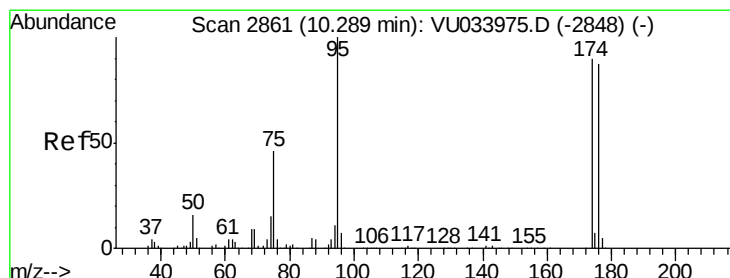
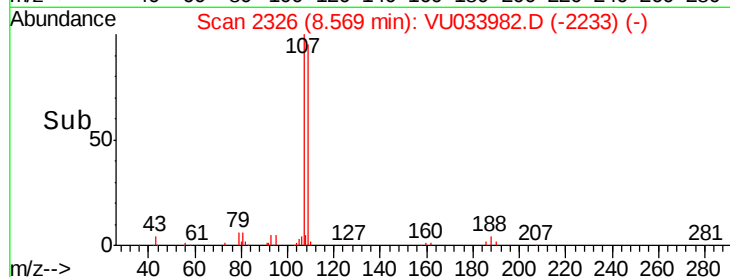
20000

10000

0

Time-->

8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 48.355 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

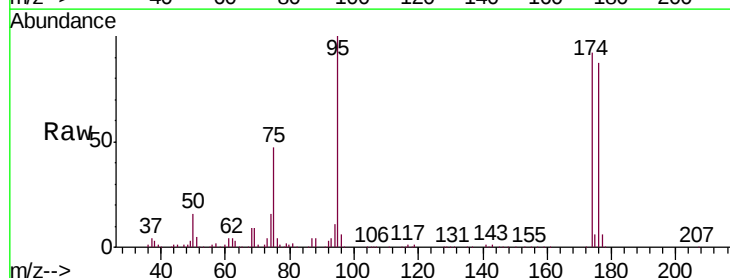
Tgt Ion: 95 Resp: 239745

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.8

176 88.7 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

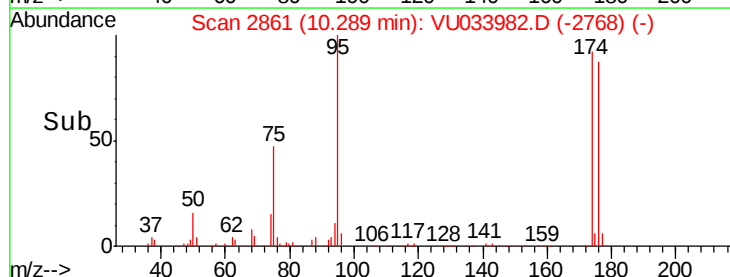
100000

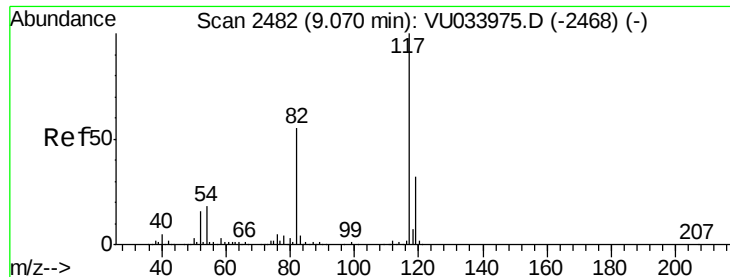
50000

0

Time-->

10.20 10.30 10.40

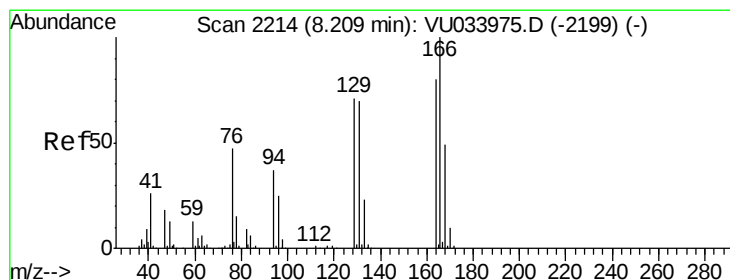
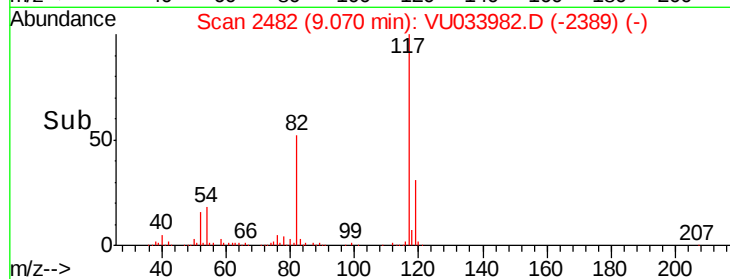
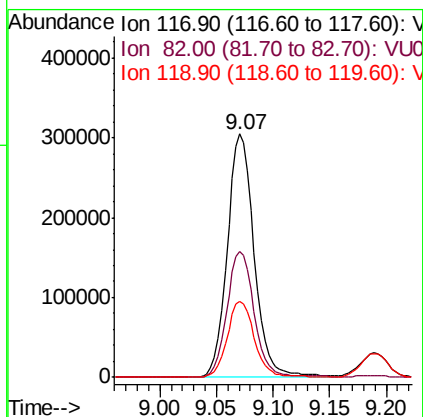
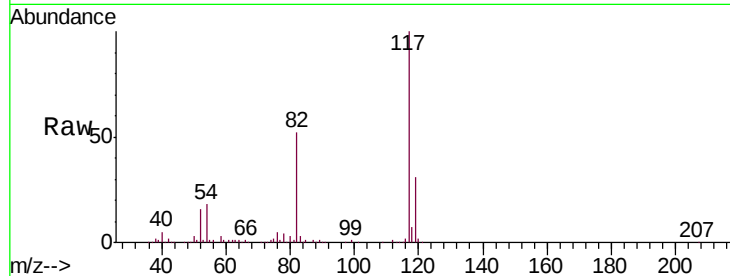




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

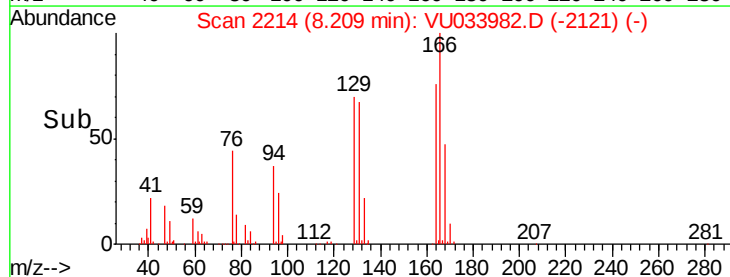
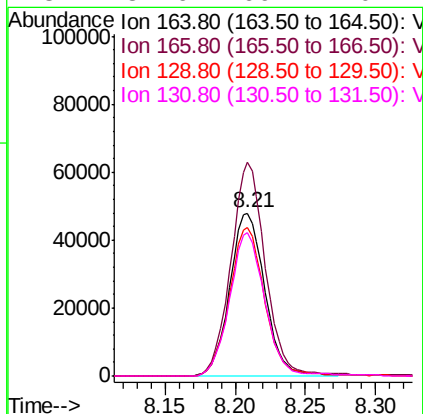
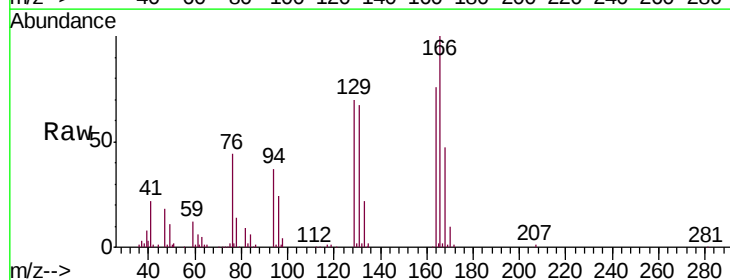
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

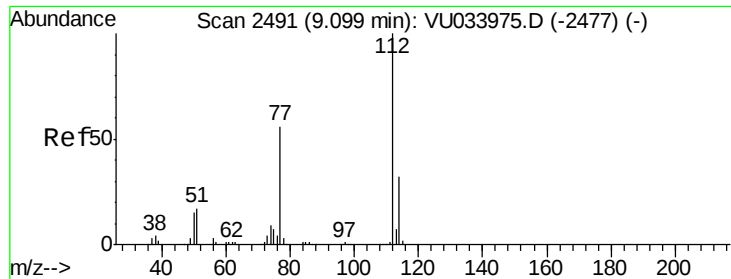
Tgt Ion:117 Resp: 504501  
Ion Ratio Lower Upper  
117 100  
82 52.0 43.8 65.8  
119 31.4 25.7 38.5



#64  
Tetrachloroethene  
Concen: 20.620 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion:164 Resp: 83642  
Ion Ratio Lower Upper  
164 100  
166 131.1 99.5 149.3  
129 91.3 70.9 106.3  
131 87.6 69.4 104.2





#65

Chlorobenzene

Concen: 19.708 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

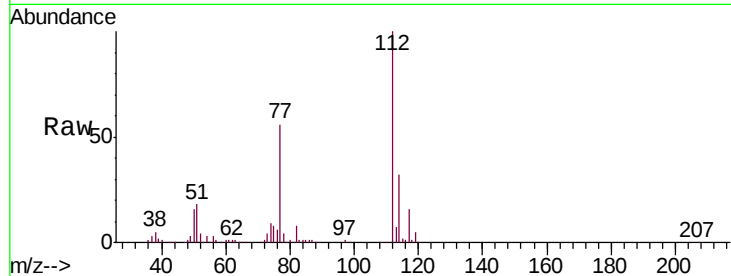
VU0828WBS01

Tgt Ion:112 Resp: 204739

Ion Ratio Lower Upper

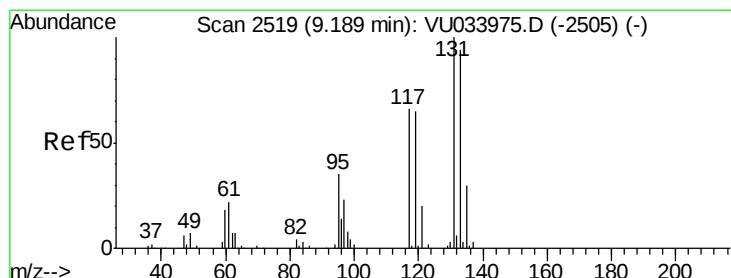
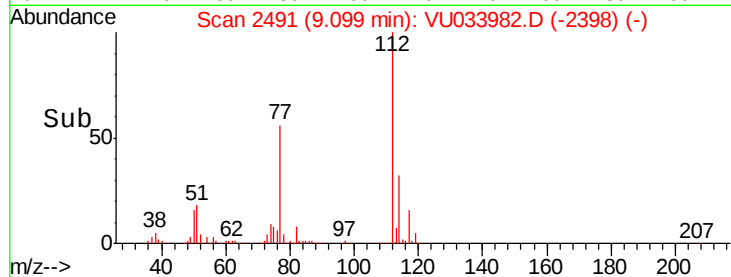
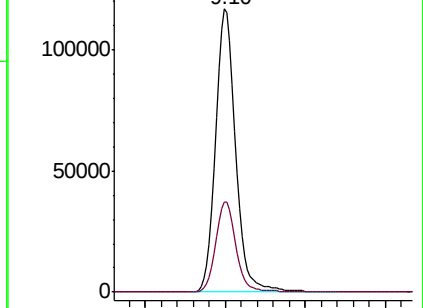
112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.274 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

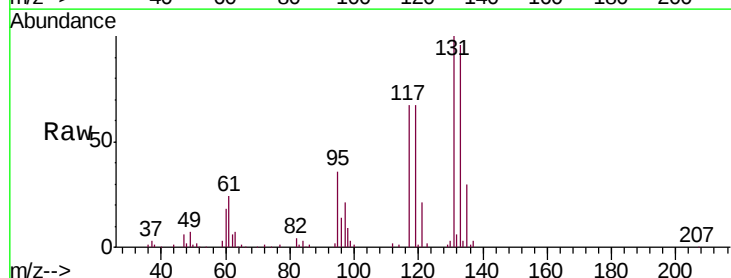
Tgt Ion:131 Resp: 74654

Ion Ratio Lower Upper

131 100

133 97.0 47.6 142.9

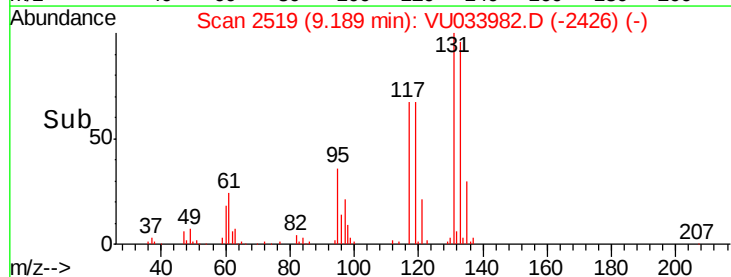
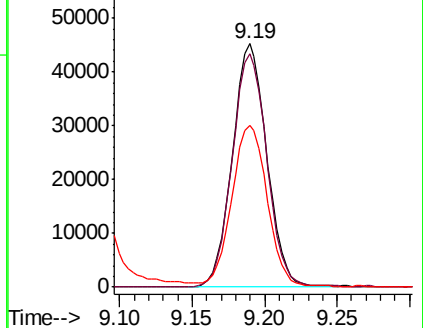
119 68.0 33.0 98.9

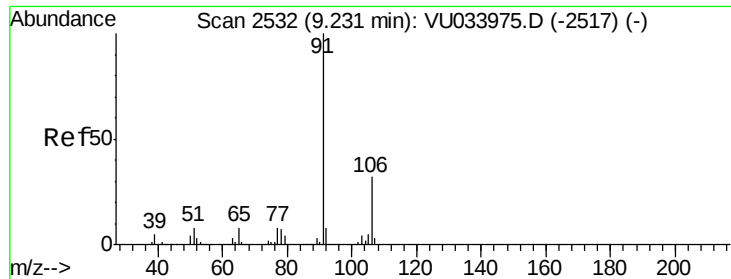


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.911 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

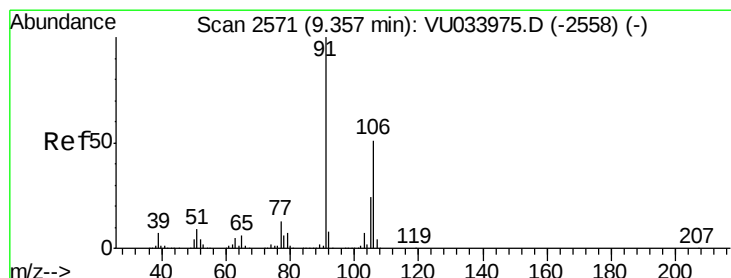
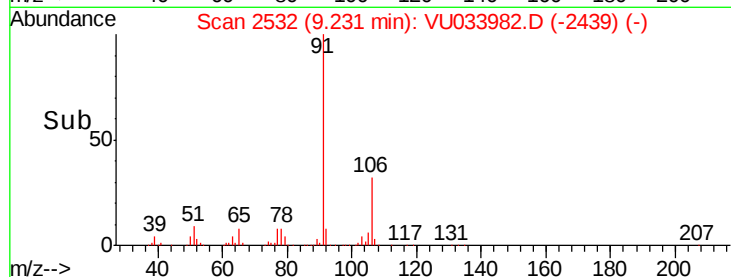
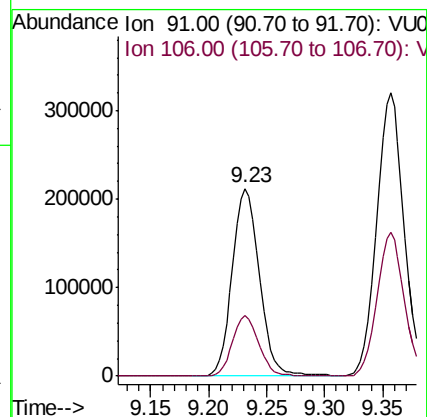
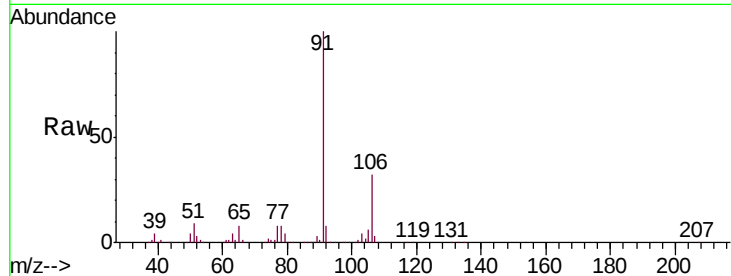
VU0828WBS01

Tgt Ion: 91 Resp: 344883

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0



#68

m/p-Xylenes

Concen: 40.181 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033982.D

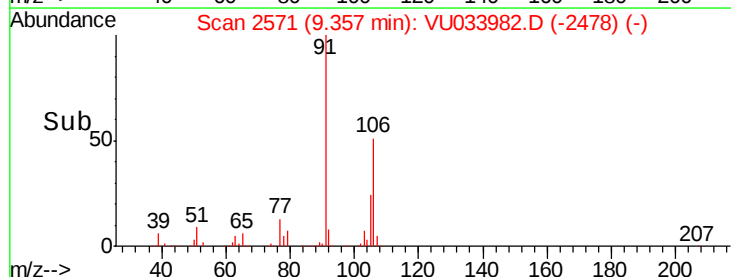
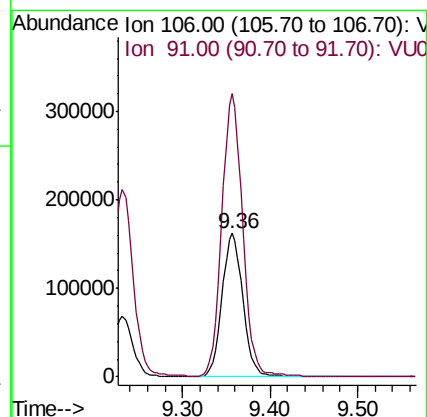
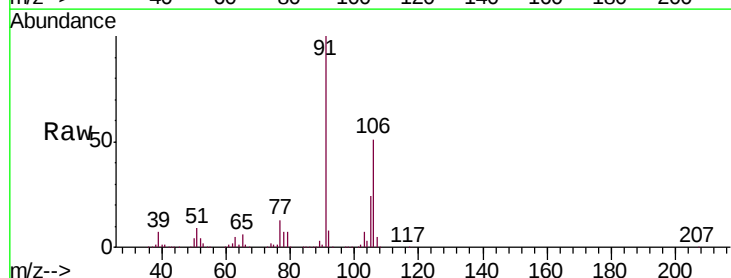
Acq: 27 Aug 2019 19:05

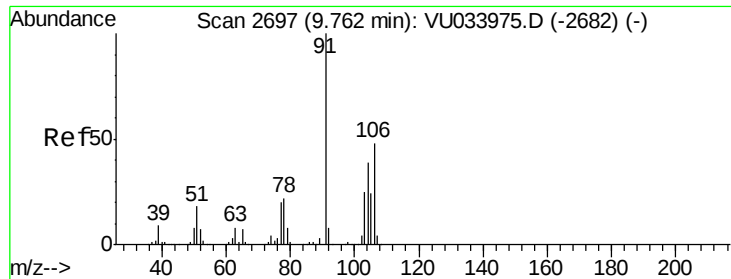
Tgt Ion: 106 Resp: 268417

Ion Ratio Lower Upper

106 100

91 197.4 158.4 237.6

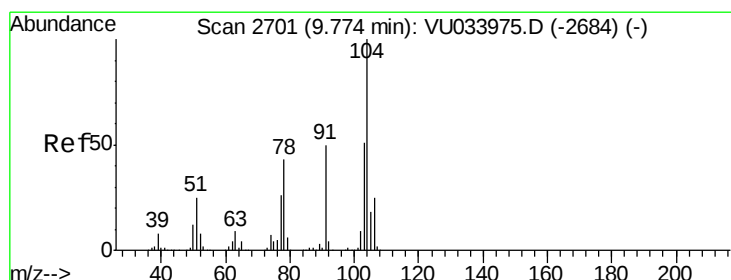
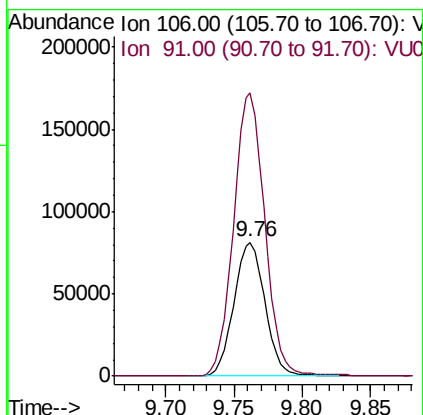
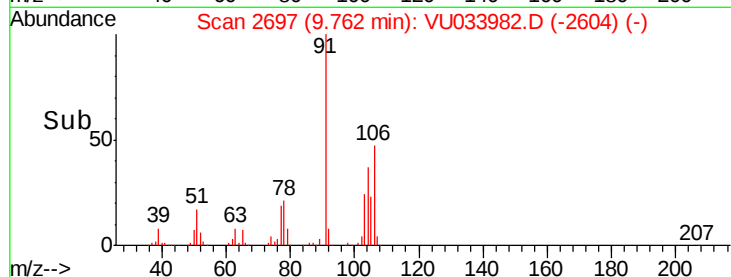
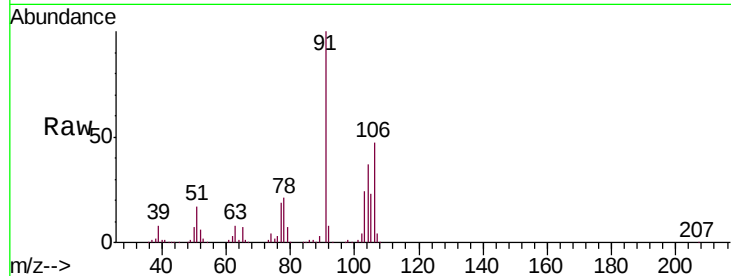




#69  
o-Xylene  
Concen: 20.188 ug/l  
RT: 9.76 min Scan# 2697  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

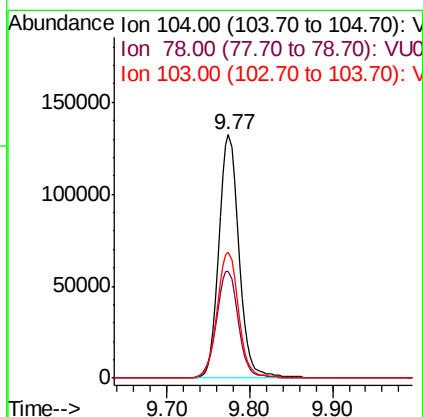
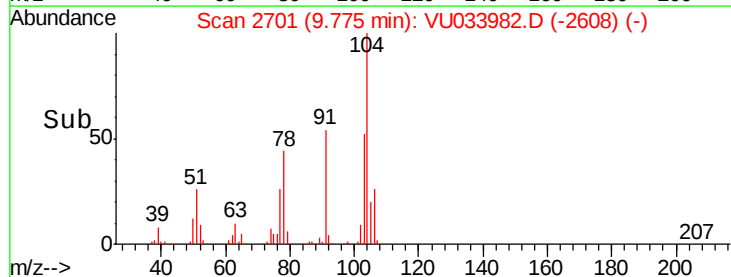
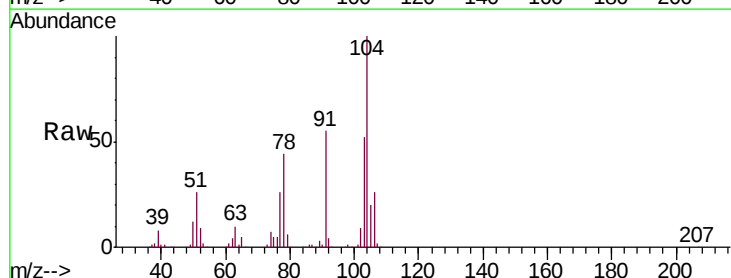
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBS01

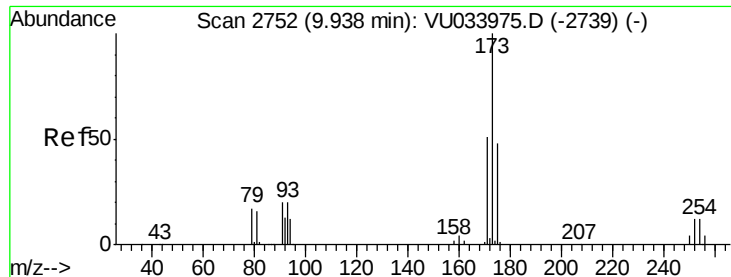
Tgt Ion:106 Resp: 128933  
Ion Ratio Lower Upper  
106 100  
91 212.9 104.5 313.3



#70  
Styrene  
Concen: 20.258 ug/l  
RT: 9.77 min Scan# 2701  
Delta R.T. 0.00 min  
Lab File: VU033982.D  
Acq: 27 Aug 2019 19:05

Tgt Ion:104 Resp: 221428  
Ion Ratio Lower Upper  
104 100  
78 48.1 37.5 56.3  
103 55.4 43.9 65.9





#71

Bromoform

Concen: 18.994 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

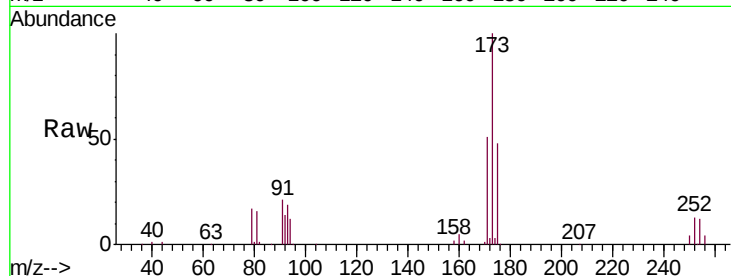
Tgt Ion:173 Resp: 65124

Ion Ratio Lower Upper

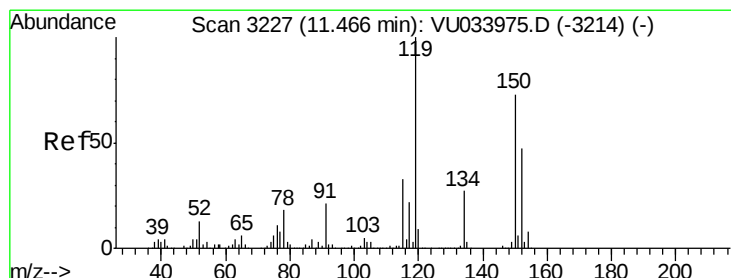
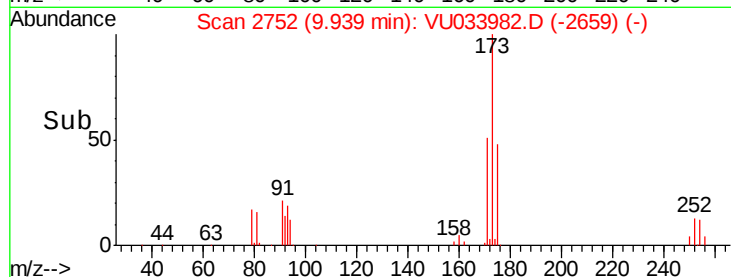
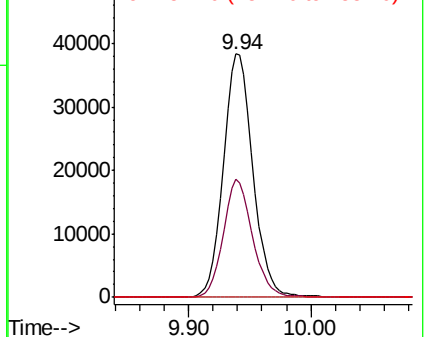
173 100

175 47.9 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

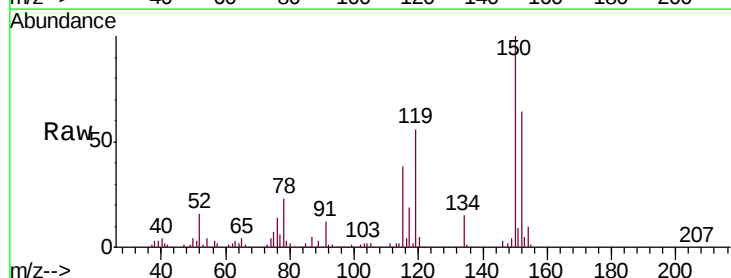
Tgt Ion:152 Resp: 266875

Ion Ratio Lower Upper

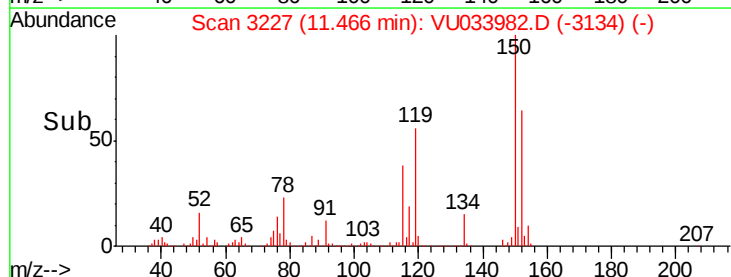
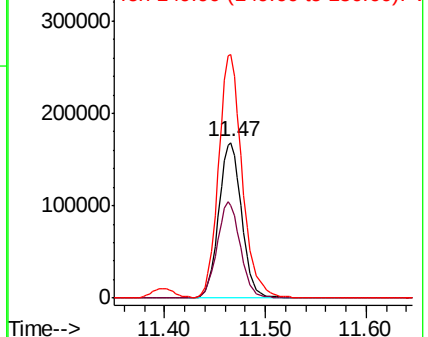
152 100

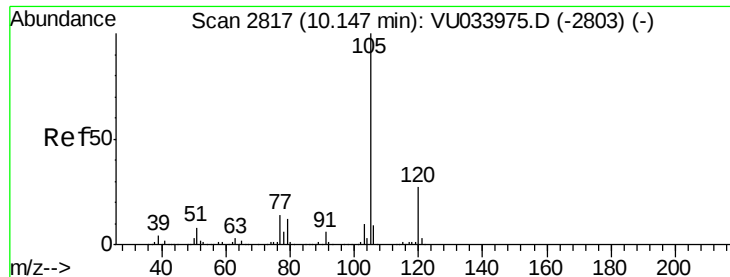
115 62.9 38.6 115.7

150 160.2 0.0 343.8



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: 20.334 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

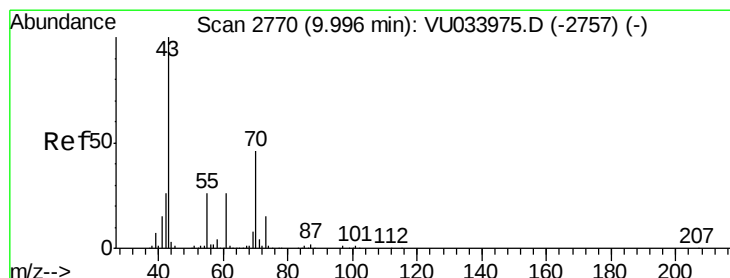
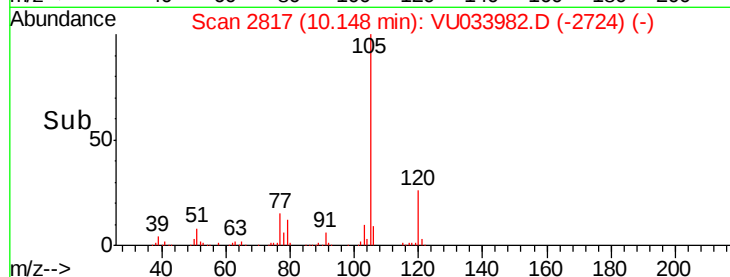
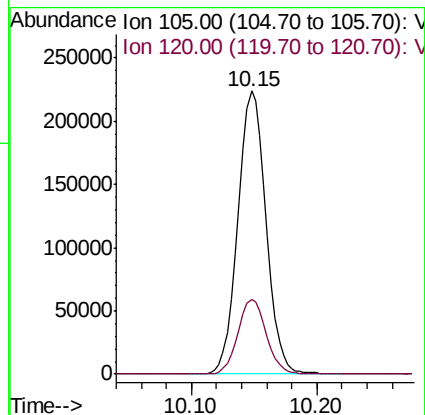
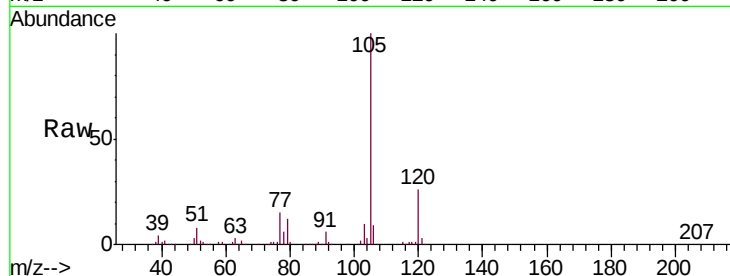
VU0828WBS01

Tgt Ion: 105 Resp: 349250

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 19.470 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Tgt Ion: 43 Resp: 125529

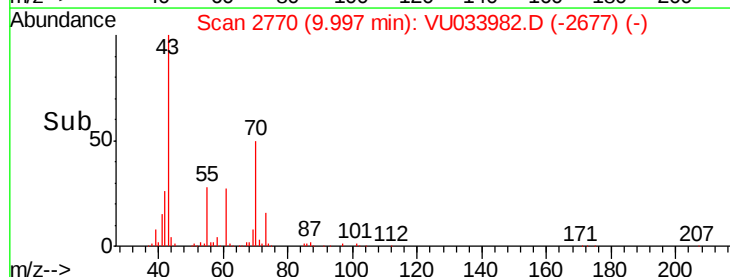
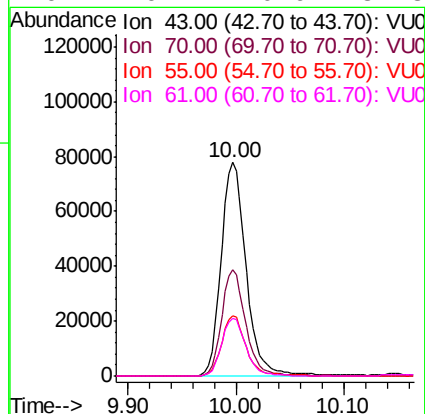
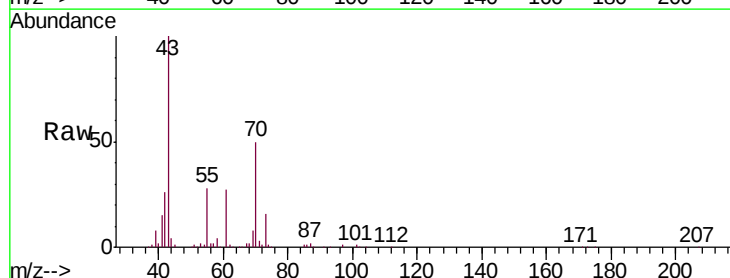
Ion Ratio Lower Upper

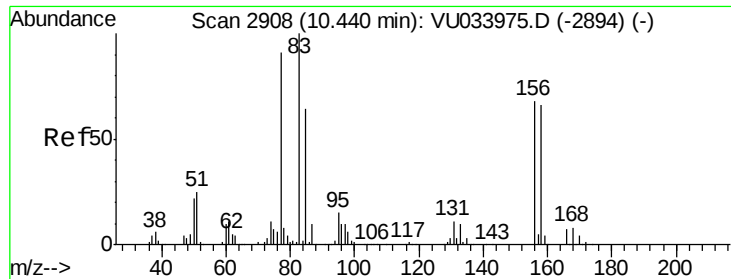
43 100

70 47.6 37.4 56.0

55 27.7 21.0 31.4

61 26.4 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.179 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

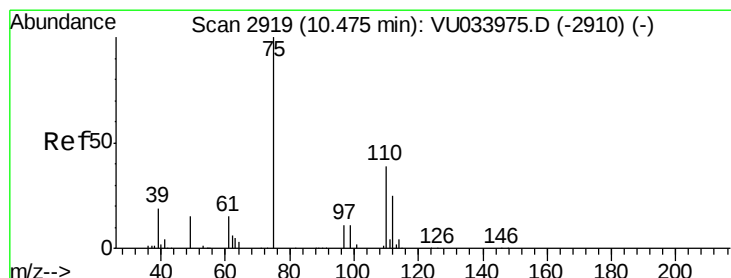
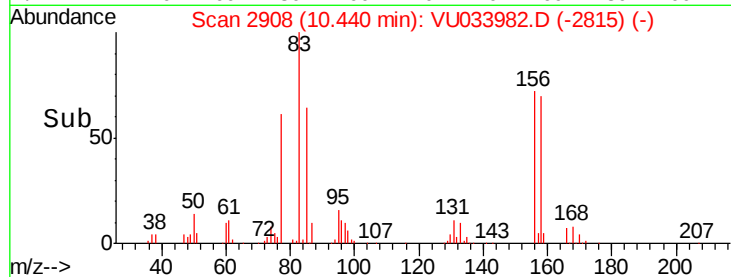
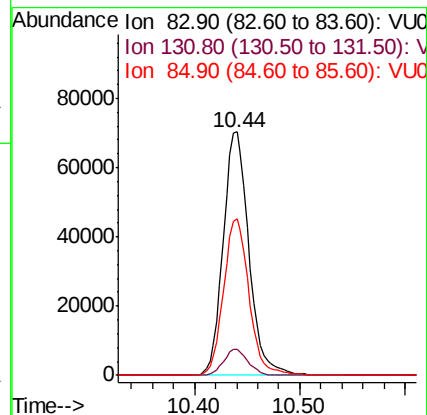
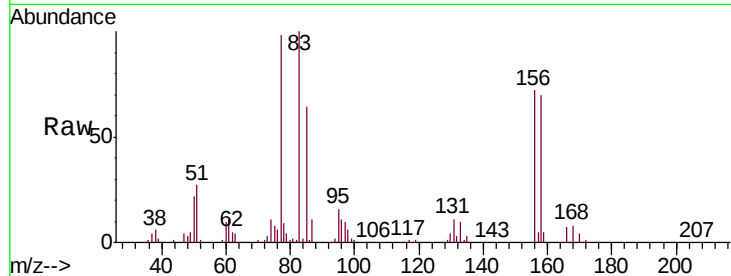
Tgt Ion: 83 Resp: 118648

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.745 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033982.D

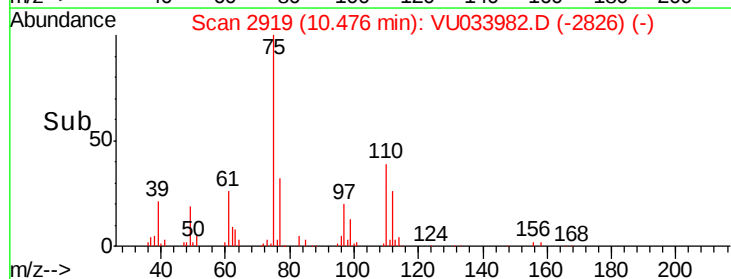
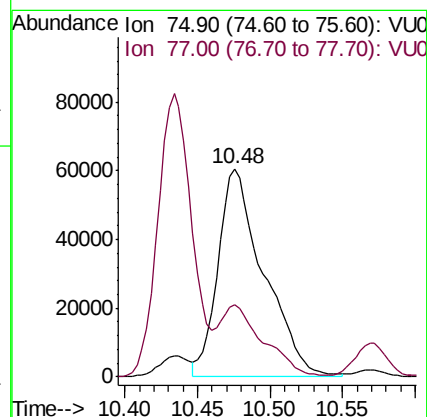
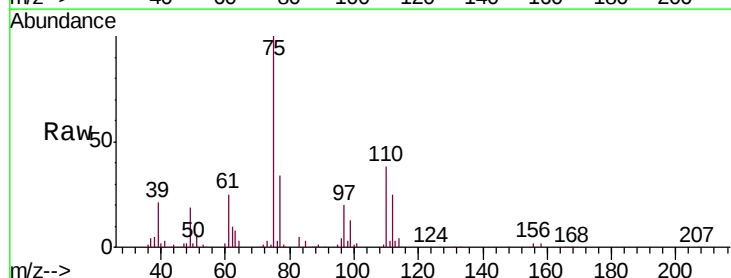
Acq: 27 Aug 2019 19:05

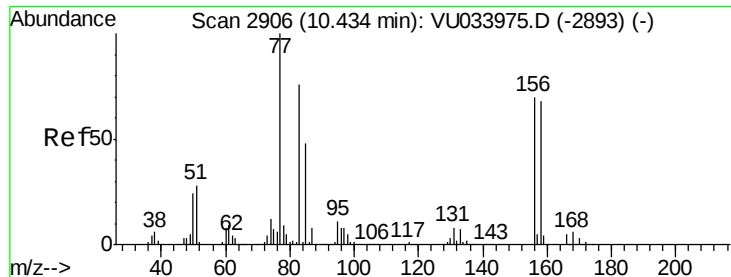
Tgt Ion: 75 Resp: 131578

Ion Ratio Lower Upper

75 100

77 31.5 21.0 63.0





#77

Bromobenzene

Concen: 19.827 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampled :

VU0828WBS01

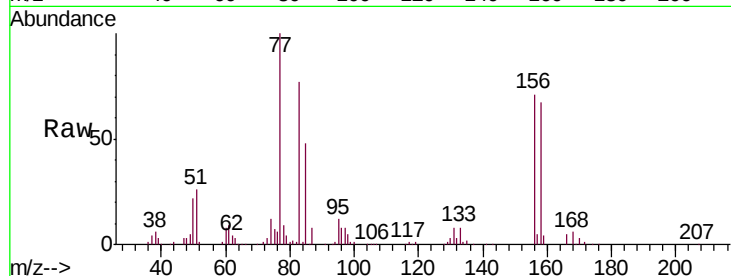
Tgt Ion:156 Resp: 96232

Ion Ratio Lower Upper

156 100

77 139.9 70.3 211.1

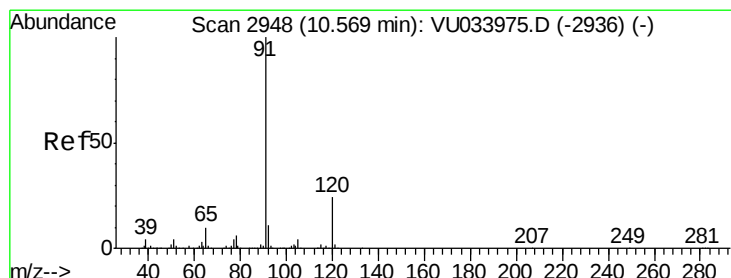
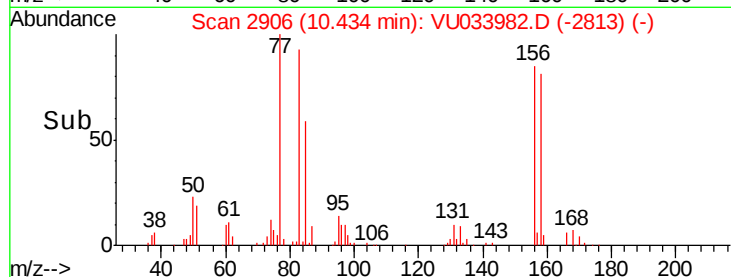
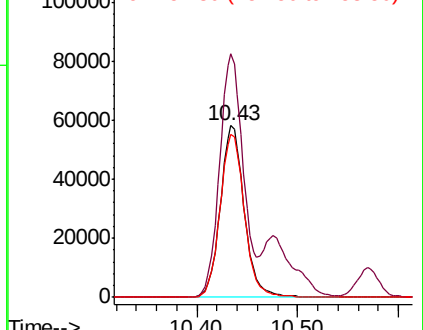
158 96.8 48.3 144.8



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: 20.139 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033982.D

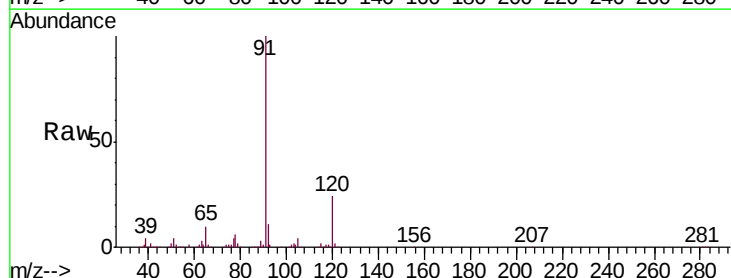
Acq: 27 Aug 2019 19:05

Tgt Ion: 91 Resp: 392278

Ion Ratio Lower Upper

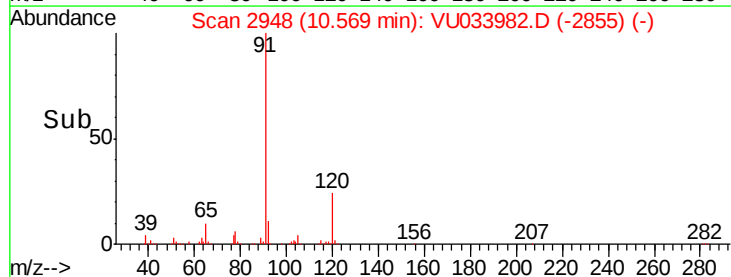
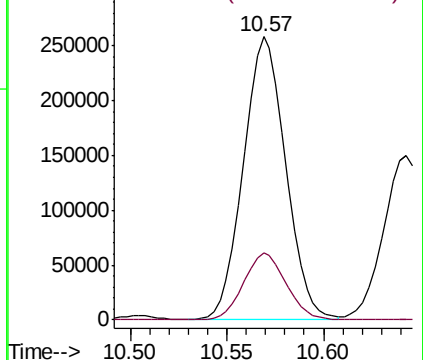
91 100

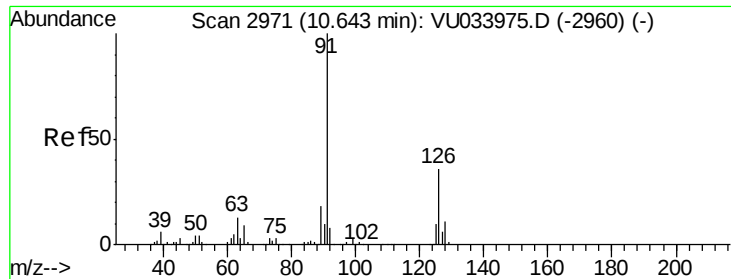
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

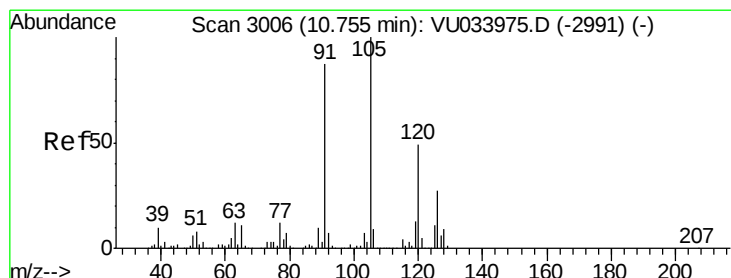
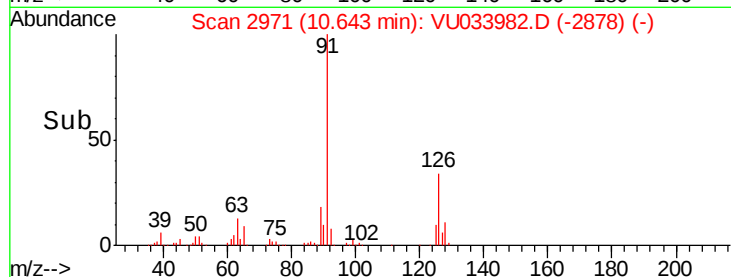
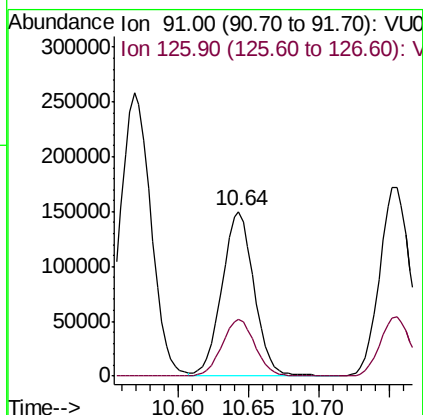
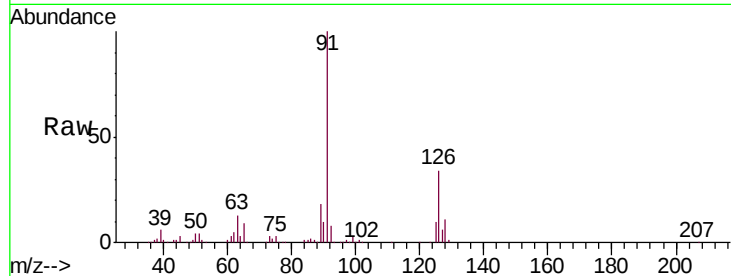




#79  
 2-Chlorotoluene  
 Concen: 20.225 ug/l  
 RT: 10.64 min Scan# 2971  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

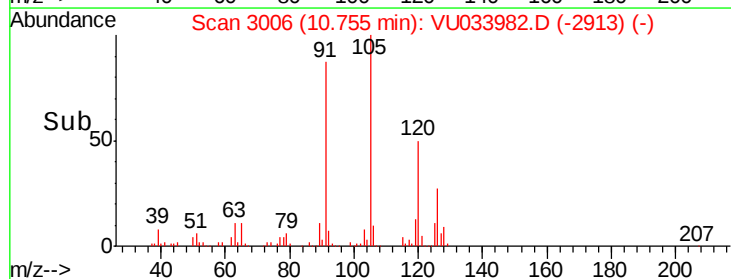
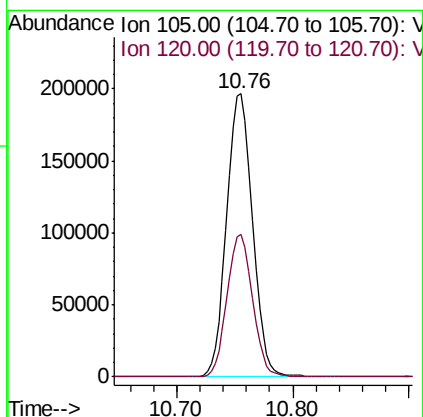
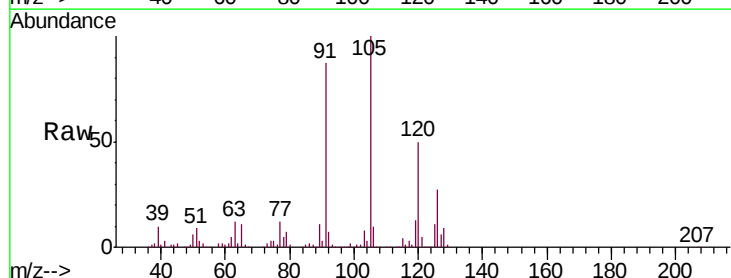
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

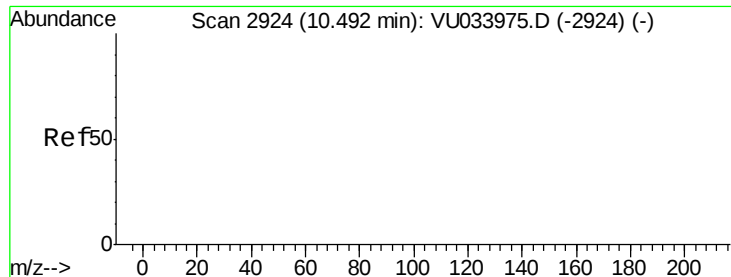
Tgt Ion: 91 Resp: 237713  
 Ion Ratio Lower Upper  
 91 100  
 126 35.4 17.8 53.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.596 ug/l  
 RT: 10.76 min Scan# 3006  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion: 105 Resp: 302978  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 71.143 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

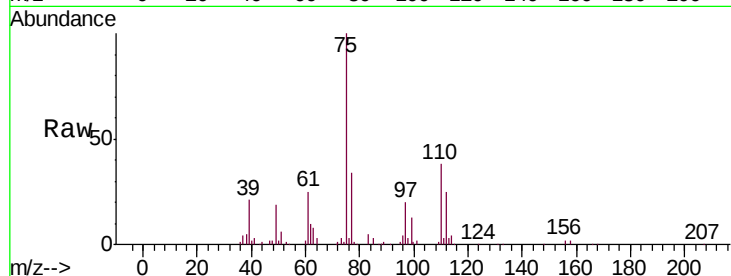
Tgt Ion: 75 Resp: 132078

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

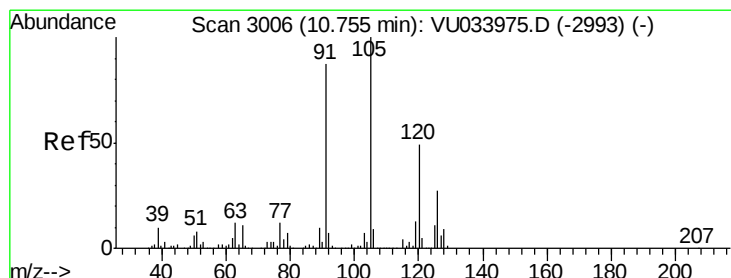
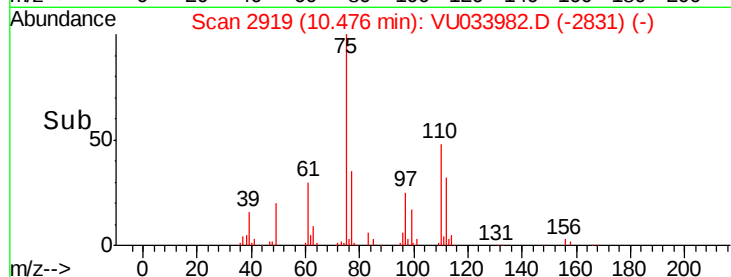
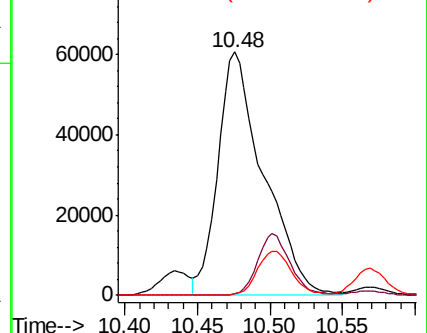
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU033975.D (-2924) (-)

Ion 53.00 (52.70 to 53.70): VU033975.D (-2924) (-)

Ion 88.90 (88.60 to 89.60): VU033975.D (-2924) (-)



#82

4-Chlorotoluene

Concen: 19.637 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU033982.D

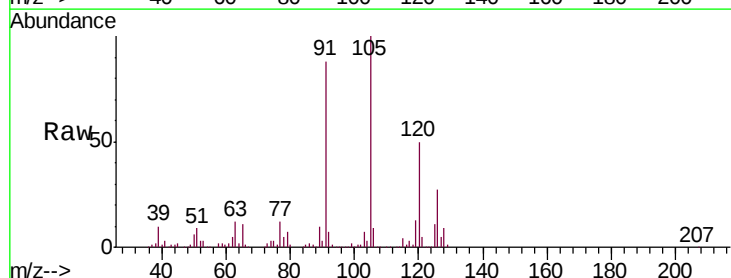
Acq: 27 Aug 2019 19:05

Tgt Ion: 91 Resp: 267182

Ion Ratio Lower Upper

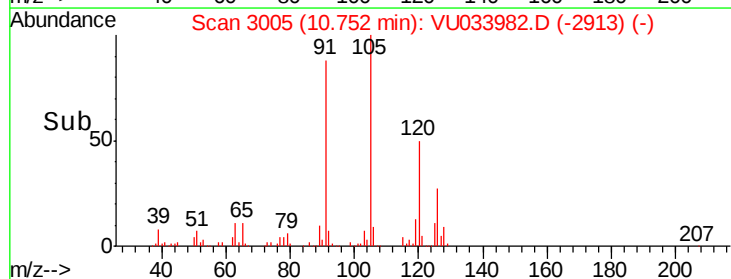
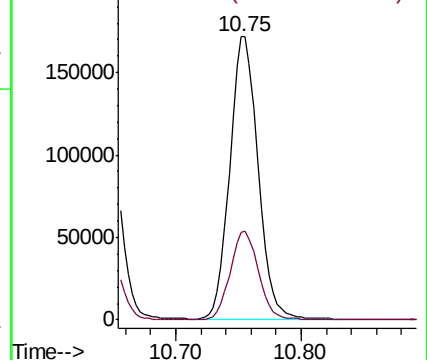
91 100

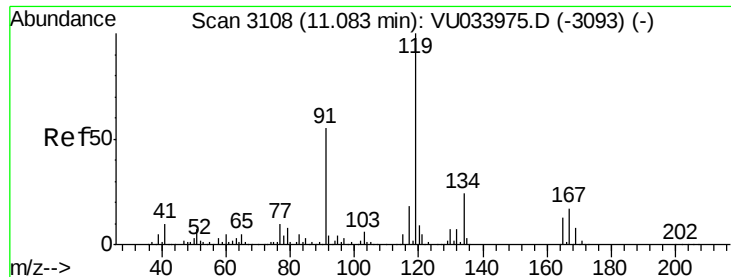
126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VU033975.D (-2993) (-)

Ion 125.90 (125.60 to 126.60): VU033975.D (-2993) (-)

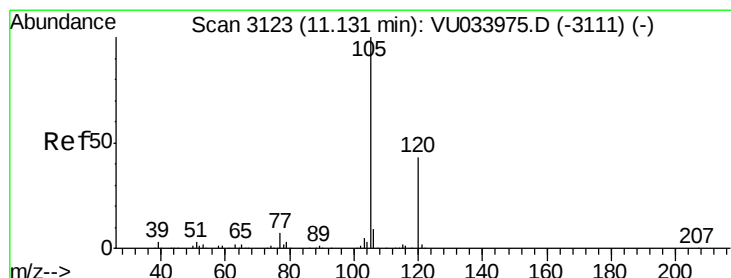
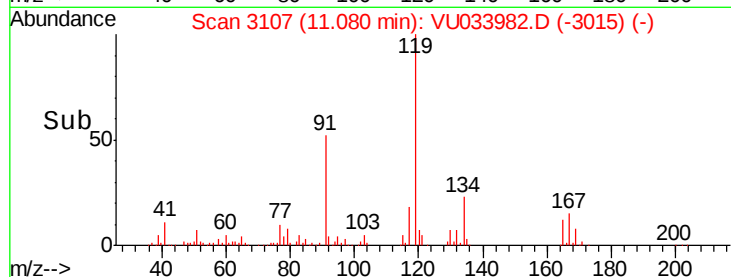
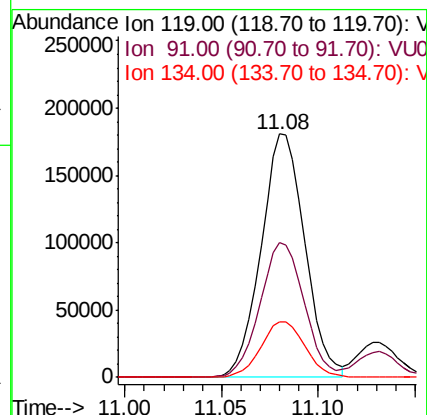
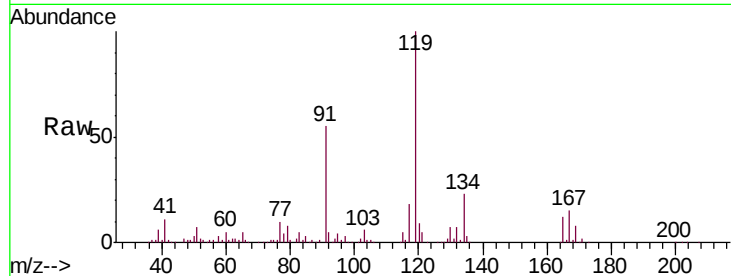




#83  
 tert-Butylbenzene  
 Concen: 19.880 ug/l  
 RT: 11.08 min Scan# 3107  
 Delta R.T. -0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

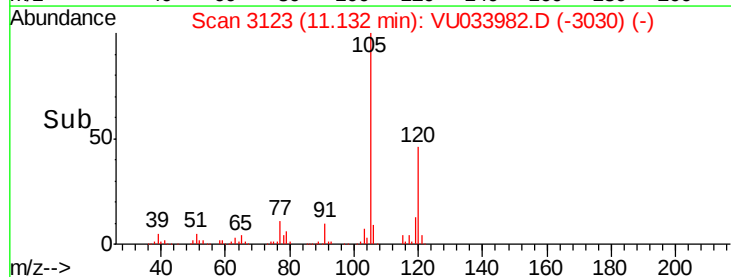
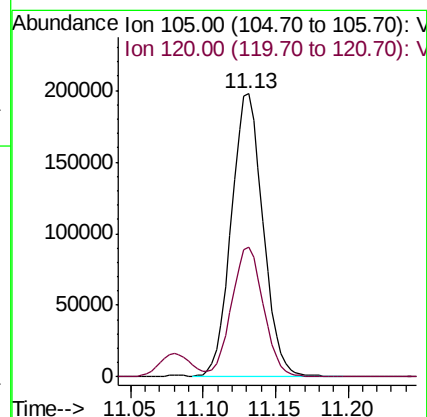
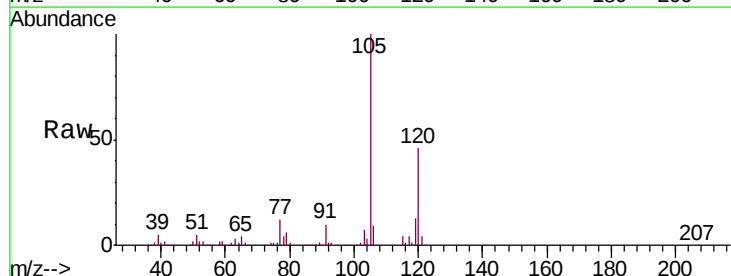
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

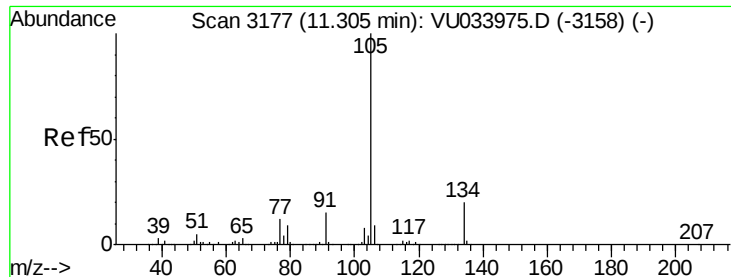
Tgt Ion:119 Resp: 283886  
 Ion Ratio Lower Upper  
 119 100  
 91 55.6 27.6 82.8  
 134 23.1 11.6 34.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.671 ug/l  
 RT: 11.13 min Scan# 3123  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion:105 Resp: 298533  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 23.3 69.9

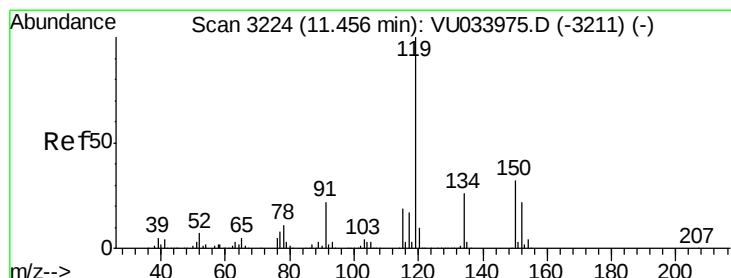
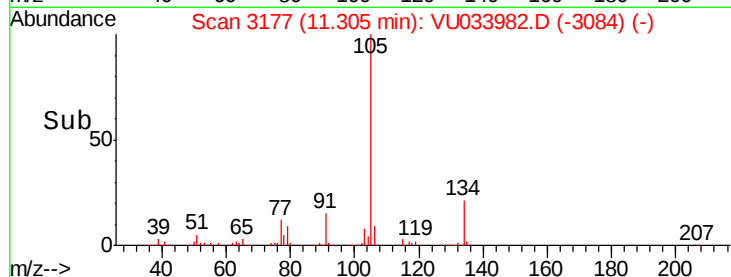
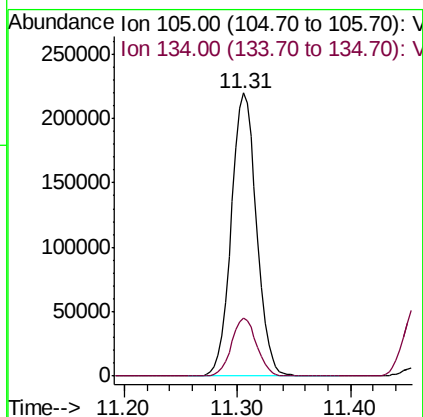
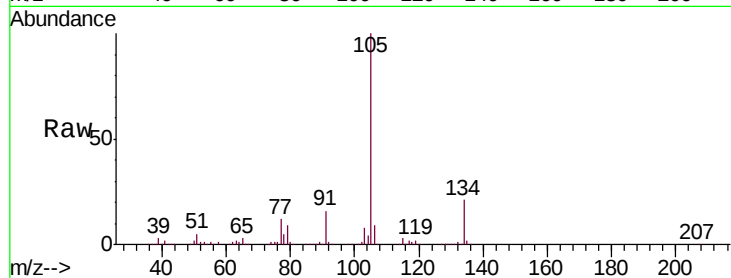




#85  
 sec-Butylbenzene  
 Concen: 19.943 ug/l  
 RT: 11.31 min Scan# 3177  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

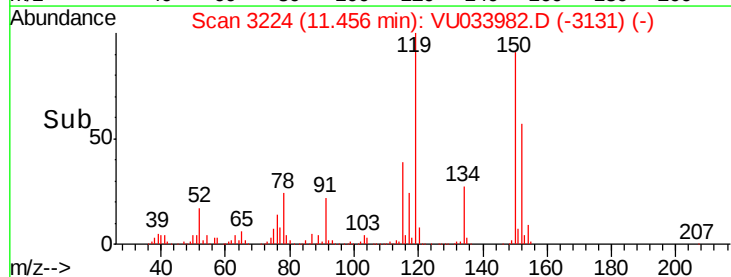
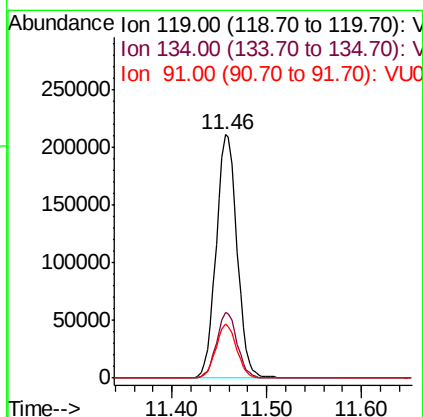
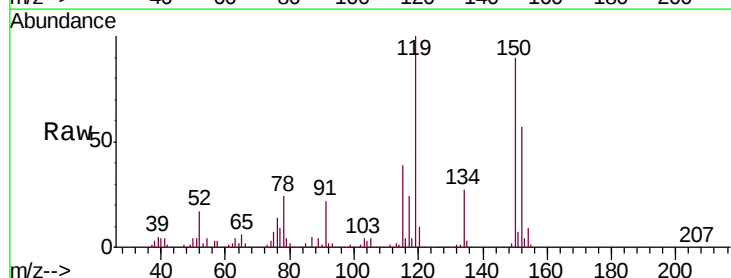
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 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

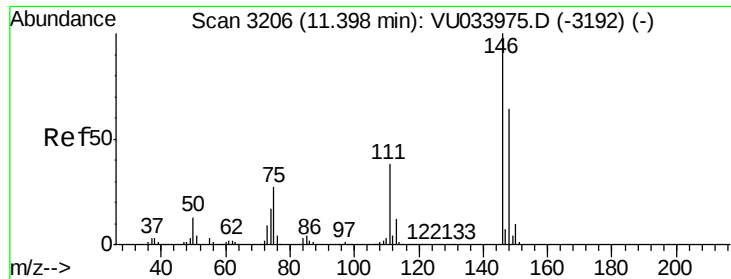
Tgt Ion:105 Resp: 339876  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 20.248 ug/l  
 RT: 11.46 min Scan# 3224  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion:119 Resp: 322991  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.0 38.9  
 91 22.0 10.9 32.9

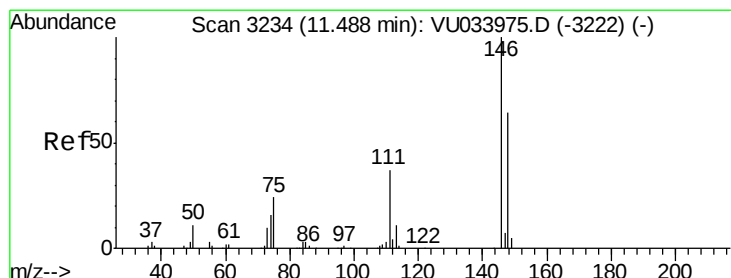
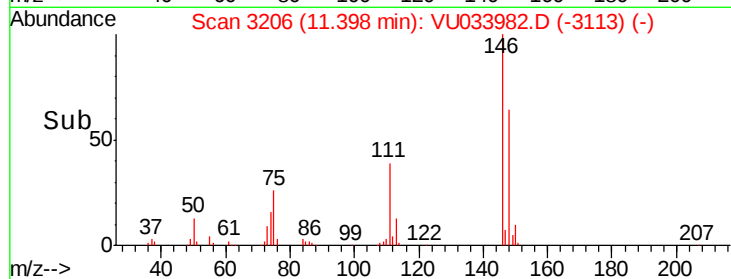
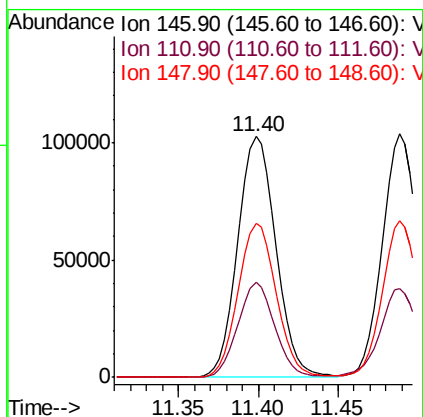
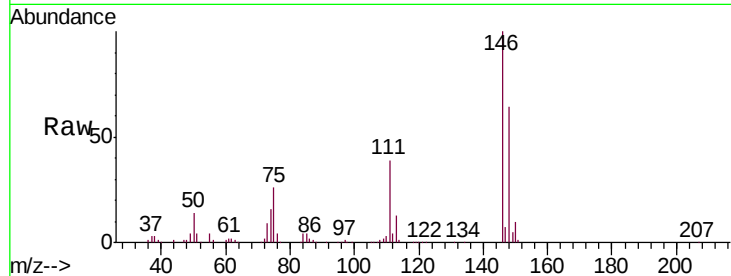




#87  
 1,3-Dichlorobenzene  
 Concen: 19.385 ug/l  
 RT: 11.40 min Scan# 3206  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

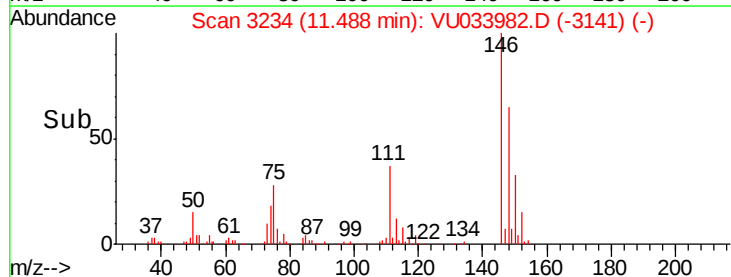
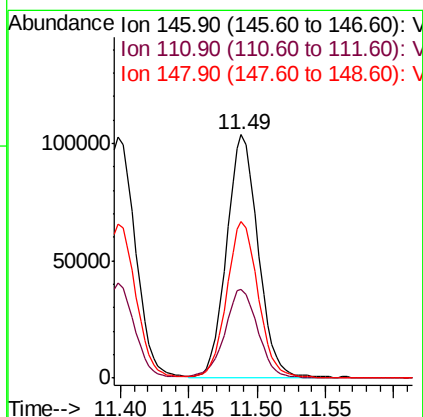
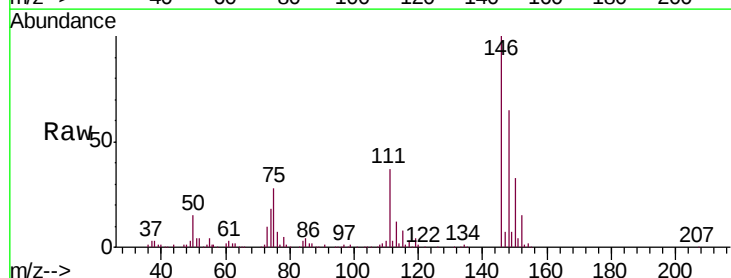
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

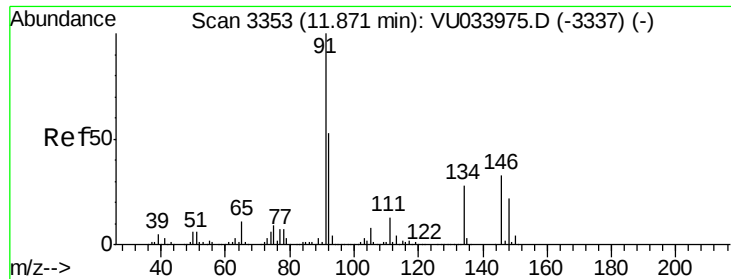
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 18.8  | 56.4  |
| 148     | 63.8  | 31.9  | 95.7  |



#88  
 1,4-Dichlorobenzene  
 Concen: 19.007 ug/l  
 RT: 11.49 min Scan# 3234  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 18.8  | 56.4  |
| 148     | 64.5  | 31.9  | 95.7  |





#89

n-Butylbenzene

Concen: 19.487 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

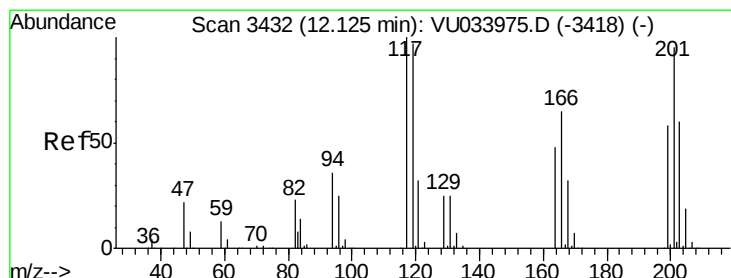
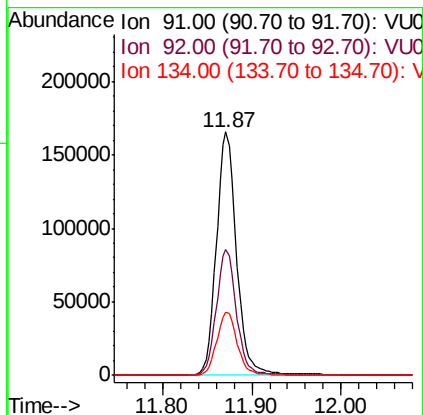
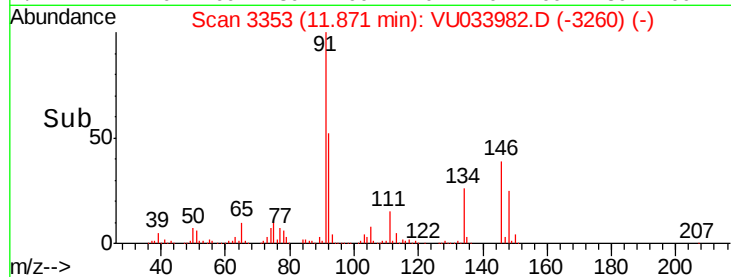
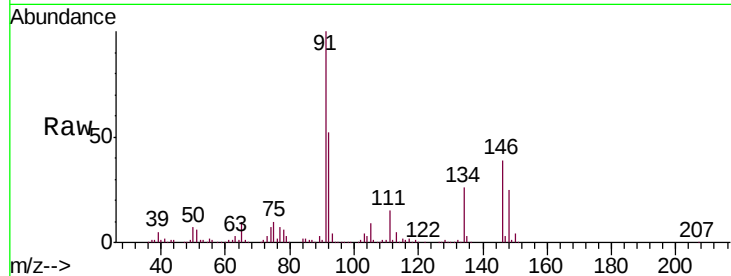
Tgt Ion: 91 Resp: 259810

Ion Ratio Lower Upper

91 100

92 51.7 26.7 80.0

134 26.5 13.6 40.8



#90

Hexachloroethane

Concen: 18.660 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU033982.D

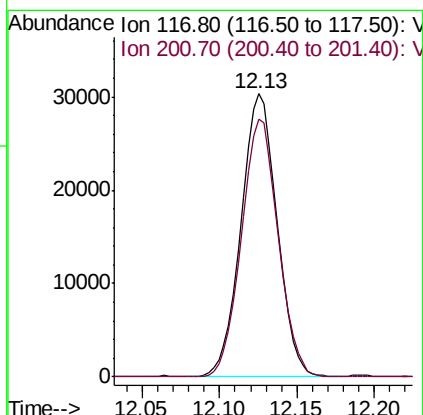
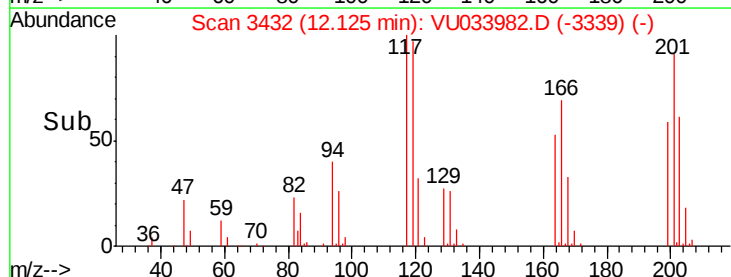
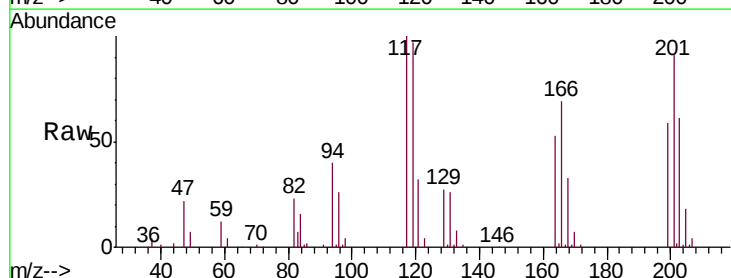
Acq: 27 Aug 2019 19:05

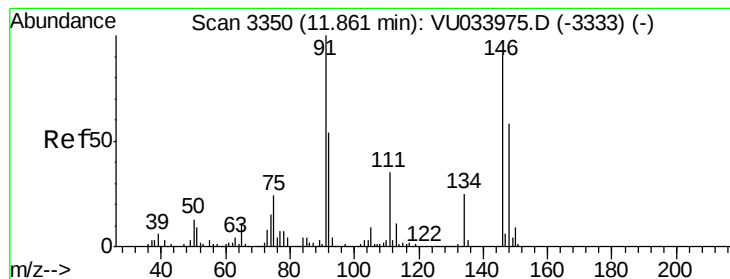
Tgt Ion: 117 Resp: 49233

Ion Ratio Lower Upper

117 100

201 92.6 47.5 142.5





#91

1,2-Dichlorobenzene

Concen: 19.384 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

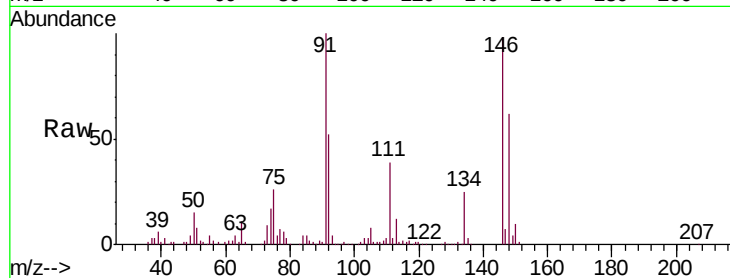
Tgt Ion:146 Resp: 164295

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.3

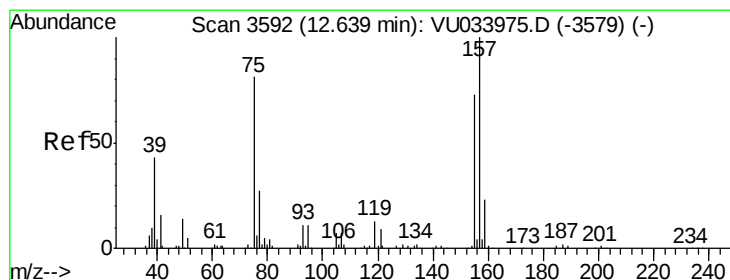
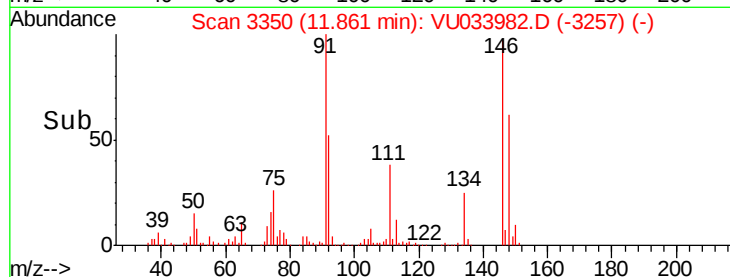
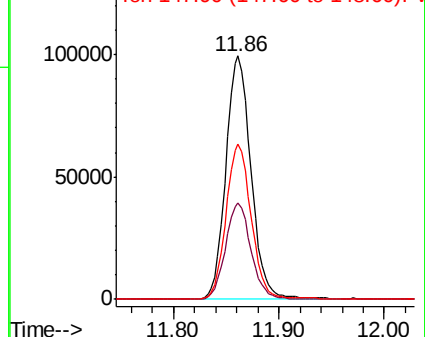
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.721 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

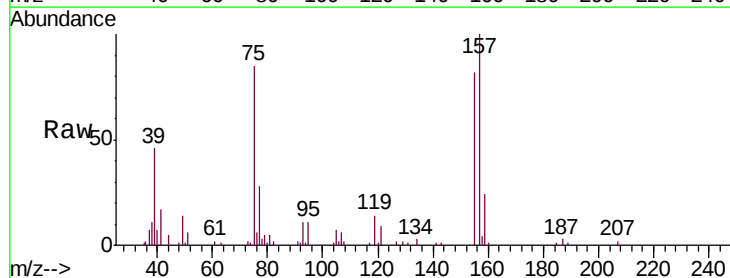
Tgt Ion: 75 Resp: 24437

Ion Ratio Lower Upper

75 100

155 94.6 46.9 140.6

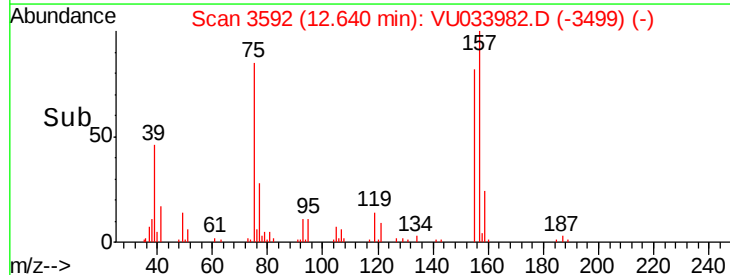
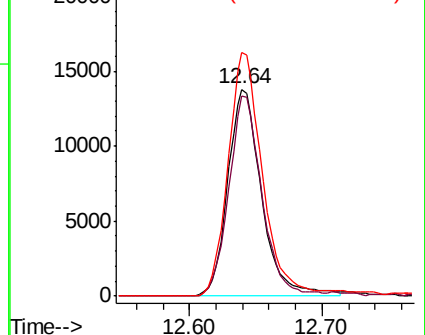
157 118.5 61.2 183.6

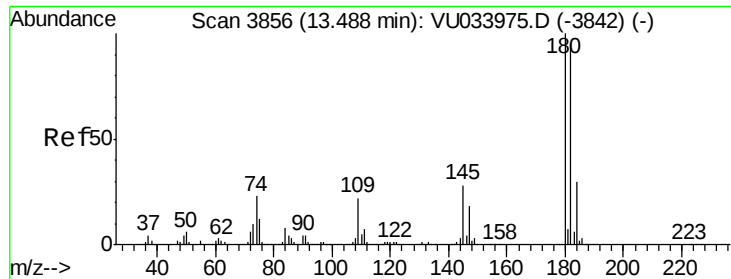


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

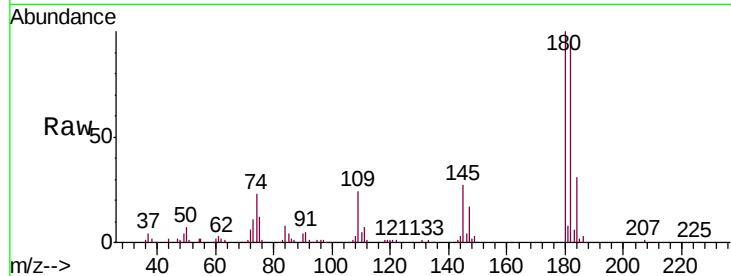




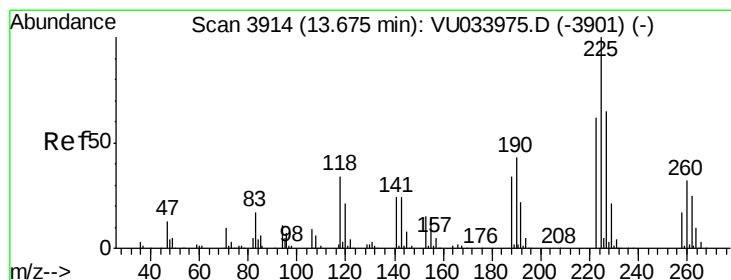
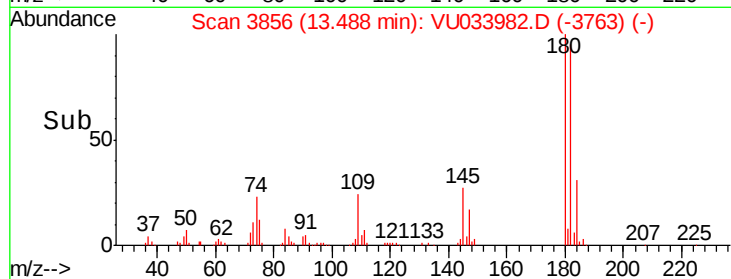
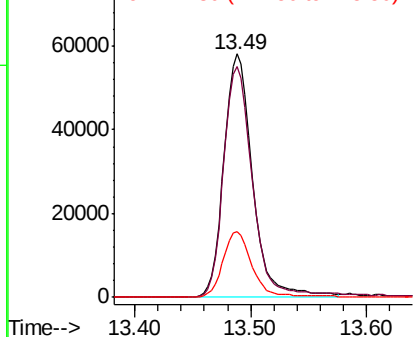
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.861 ug/l  
 RT: 13.49 min Scan# 3856  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBS01

Tgt Ion:180 Resp: 99562  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 47.4 142.2  
 145 27.2 14.4 43.2

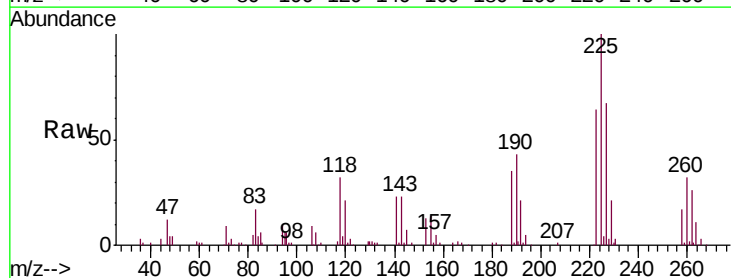


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

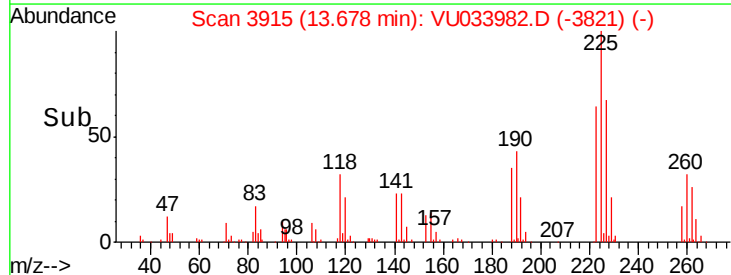
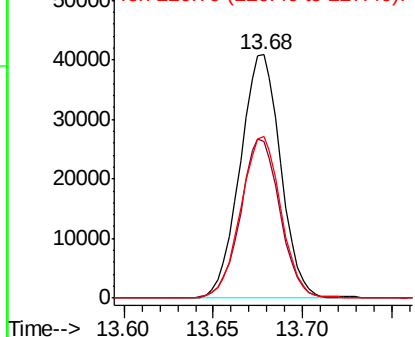


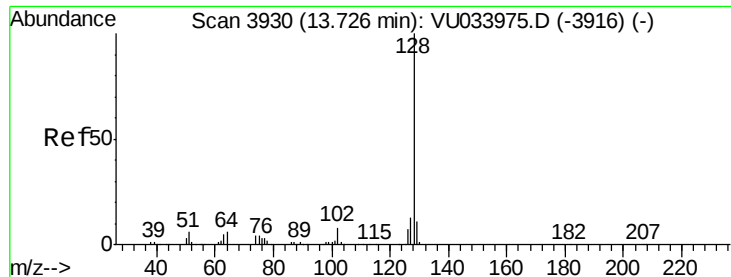
#94  
 Hexachlorobutadiene  
 Concen: 18.622 ug/l  
 RT: 13.68 min Scan# 3915  
 Delta R.T. 0.00 min  
 Lab File: VU033982.D  
 Acq: 27 Aug 2019 19:05

Tgt Ion:225 Resp: 64706  
 Ion Ratio Lower Upper  
 225 100  
 223 63.7 31.7 95.1  
 227 66.0 33.0 99.0



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: 17.259 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBS01

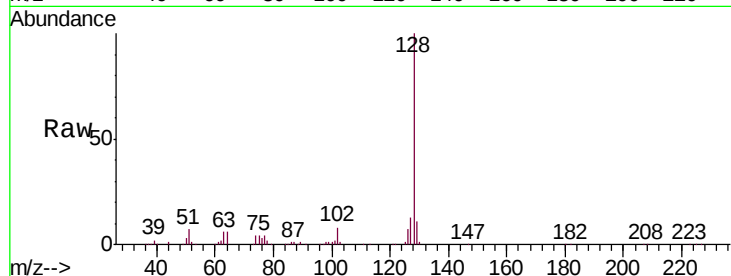
Tgt Ion:128 Resp: 260884

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

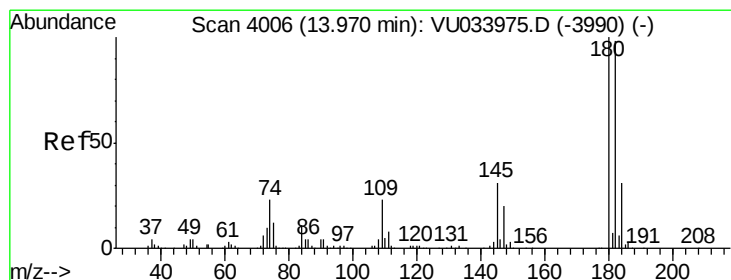
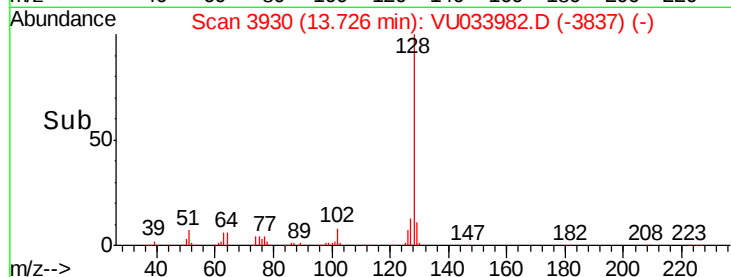
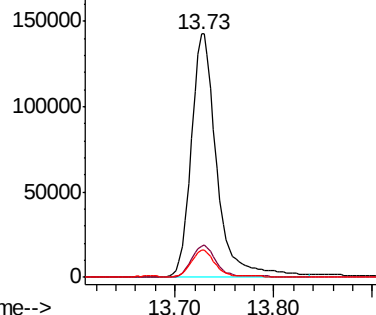
129 10.9 8.5 12.7



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: 19.237 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. 0.00 min

Lab File: VU033982.D

Acq: 27 Aug 2019 19:05

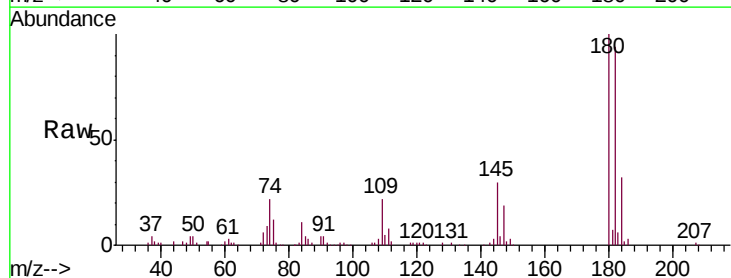
Tgt Ion:180 Resp: 104189

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.3

145 29.3 15.1 45.3



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

