

Data File : VU033999.D  
Acq On : 28 Aug 2019 03:03  
Operator : JC/SP  
Sample : VU0828WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

Quant Time: Aug 28 04:12:20 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  | 385468   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 638068   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 551771   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 306883   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.29   | 65  | 277640   | 64.83 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 129.66% |      |
| 35) Dibromofluoromethane    | 4.86   | 113 | 221931   | 51.74 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.48% |      |
| 50) Toluene-d8              | 7.55   | 98  | 856475   | 54.14 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.28% |      |
| 62) 4-Bromofluorobenzene    | 10.29  | 95  | 307175   | 50.62 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.24% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 84590   | 21.818  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 116090  | 28.056  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 112597  | 29.090  | ug/l   | 100    |
| 5) Bromomethane               | 1.60 | 94  | 53658   | 22.809  | ug/l   | 96     |
| 6) Chloroethane               | 1.68 | 64  | 46399   | 20.134  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.87 | 101 | 97785   | 19.200  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.09 | 74  | 39179   | 20.281  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.27 | 101 | 67203   | 20.661  | ug/l   | 95     |
| 10) Methyl Iodide             | 2.40 | 142 | 100795  | 20.693  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 2.81 | 59  | 134806  | 121.534 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 2.27 | 96  | 70443   | 20.750  | ug/l   | 95     |
| 13) Acrolein                  | 2.18 | 56  | 36119   | 102.537 | ug/l   | 99     |
| 14) Allyl chloride            | 2.58 | 41  | 134791  | 22.424  | ug/l   | 93     |
| 15) Acrylonitrile             | 2.92 | 53  | 276794  | 123.442 | ug/l   | 99     |
| 16) Acetone                   | 2.31 | 43  | 238768  | 116.483 | ug/l   | 97     |
| 17) Carbon Disulfide          | 2.46 | 76  | 247080  | 22.163  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.60 | 43  | 135889  | 26.915  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 264176  | 23.164  | ug/l   | 95     |
| 20) Methylene Chloride        | 2.68 | 84  | 97023   | 22.310  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 2.96 | 96  | 85091   | 21.983  | ug/l   | 90     |
| 22) Diisopropyl ether         | 3.55 | 45  | 295304  | 26.738  | ug/l   | 93     |
| 23) Vinyl Acetate             | 3.50 | 43  | 1233263 | 131.440 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 3.42 | 63  | 166835  | 24.128  | ug/l   | 98     |
| 25) 2-Butanone                | 4.24 | 43  | 374481  | 127.448 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 104716  | 17.910  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 4.20 | 96  | 96415   | 22.252  | ug/l   | 95     |
| 28) Bromochloromethane        | 4.52 | 49  | 87666   | 27.555  | ug/l   | 83     |
| 29) Tetrahydrofuran           | 4.61 | 42  | 238415  | 129.726 | ug/l   | 92     |
| 30) Chloroform                | 4.65 | 83  | 159394  | 22.512  | ug/l   | 97     |
| 31) Cyclohexane               | 4.97 | 56  | 153754  | 24.350  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 135392  | 22.714  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 5.11 | 75  | 117564  | 20.117  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.36 | 43  | 136913  | 23.357  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 116224  | 19.514  | ug/l   | 98     |

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Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

Quant Time: Aug 28 04:12:20 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   | 129776   | 18.767  | ug/l   | 95       |
| 40) Benzene                    | 5.37  | 78   | 360032   | 20.720  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.52  | 41   | 71804    | 23.640  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 131725   | 22.418  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 5.53  | 43   | 209351   | 23.293  | ug/l   | 96       |
| 44) Trichloroethene            | 6.17  | 130  | 90246    | 18.215  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 101991   | 21.940  | ug/l   | 97       |
| 46) Dibromomethane             | 6.54  | 93   | 63965    | 20.233  | ug/l   | 92       |
| 47) Bromodichloromethane       | 6.74  | 83   | 124505   | 20.677  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.60  | 41   | 100866   | 23.604  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 6.59  | 88   | 46761    | 398.731 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 7.44  | 43   | 732441   | 118.197 | ug/l   | 95       |
| 52) Toluene                    | 7.62  | 92   | 225798   | 20.609  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 129486   | 19.446  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 145607   | 20.228  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane      | 8.05  | 97   | 80706    | 17.433  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.00  | 69   | 115470   | 17.540  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 136597   | 18.105  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 269985   | 109.231 | ug/l   | 94       |
| 59) 2-Hexanone                 | 8.34  | 43   | 439095   | 92.187  | ug/l   | 96       |
| 60) Dibromochloromethane       | 8.46  | 129  | 85760    | 16.473  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 82632    | 16.901  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.21  | 164  | 75039    | 16.914  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.10  | 112  | 216996   | 19.099  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 80575    | 19.021  | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.23  | 91   | 377695   | 19.937  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.36  | 106  | 295726   | 40.477  | ug/l   | 98       |
| 69) o-Xylene                   | 9.76  | 106  | 147055   | 21.053  | ug/l   | 96       |
| 70) Styrene                    | 9.77  | 104  | 258613   | 21.633  | ug/l   | 98       |
| 71) Bromoform                  | 9.94  | 173  | 72408    | 19.309  | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.15 | 105  | 404149   | 20.462  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.00 | 43   | 182378   | 24.599  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 156605   | 22.015  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.48 | 75   | 172364   | 28.189  | ug/l   | 82       |
| 77) Bromobenzene               | 10.43 | 156  | 107278   | 19.221  | ug/l   | 90       |
| 78) n-propylbenzene            | 10.57 | 91   | 470731   | 21.016  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 287854   | 21.298  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 10.76 | 105  | 355702   | 21.028  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 10.48 | 75   | 172364   | 80.739  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.76 | 91   | 330243   | 21.107  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 11.08 | 119  | 329490   | 20.066  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 349624   | 21.053  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.31 | 105  | 402259   | 20.526  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 11.46 | 119  | 357614   | 19.496  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 186706   | 18.857  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 184641   | 18.477  | ug/l   | 97       |
| 89) n-Butylbenzene             | 11.87 | 91   | 302852   | 19.754  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.13 | 117  | 60543    | 19.955  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 183271   | 18.804  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 31885    | 22.377  | ug/l   | 84       |

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

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ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

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Quant Title : SW846 8260  
QLast Update : Wed Aug 28 02:42:03 2019  
Response via : Initial Calibration

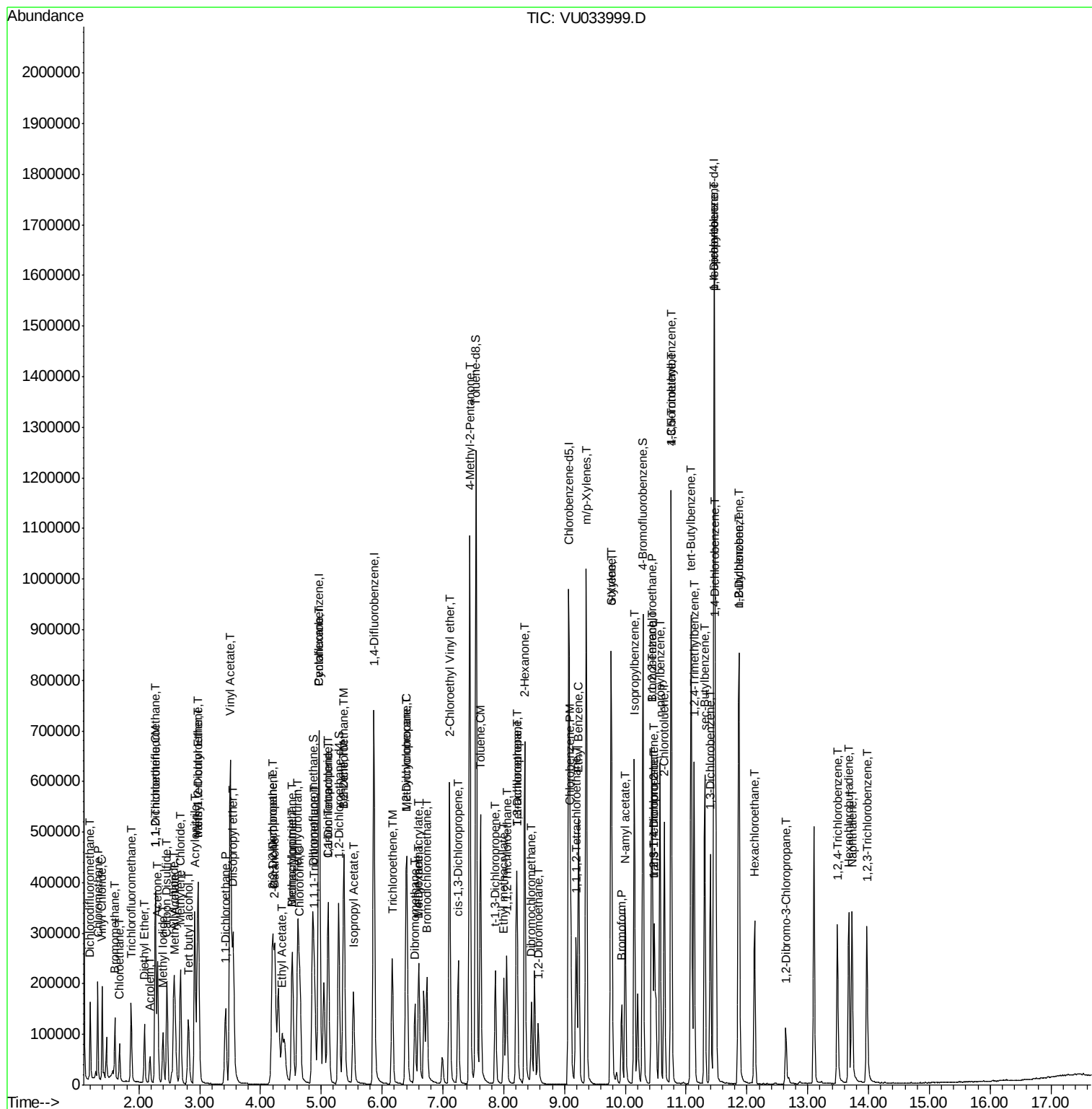
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.49 | 180  | 105935   | 16.657 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.67 | 225  | 64203    | 16.068 | ug/l  | 98       |
| 95) Naphthalene            | 13.73 | 128  | 304891   | 17.507 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 110603   | 17.759 | ug/l  | 98       |

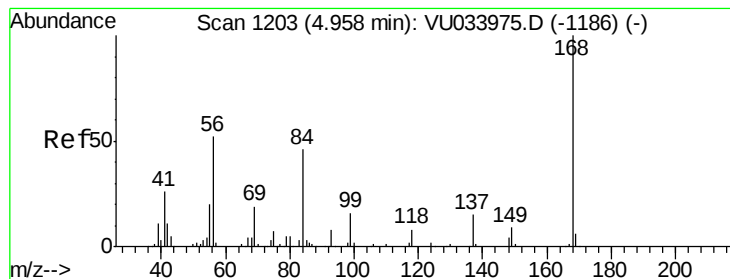
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

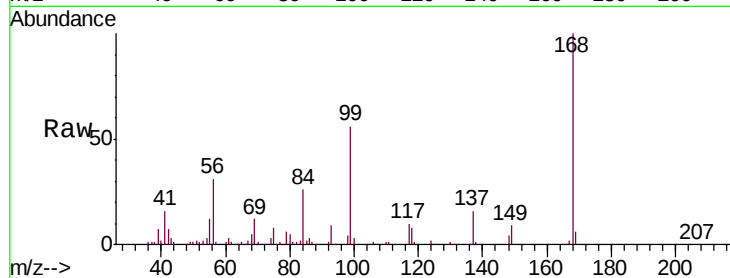
VU0828WBSD02

Tgt Ion:168 Resp: 385468

Ion Ratio Lower Upper

168 100

99 55.3 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) (-)

4.96

150000

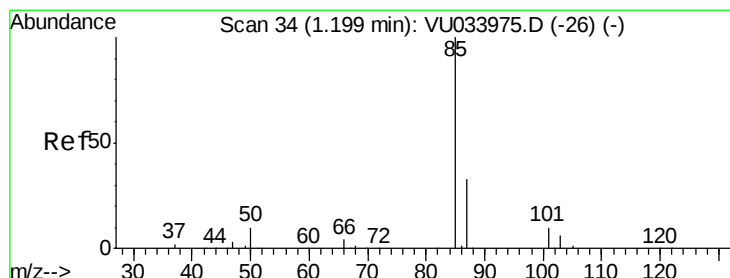
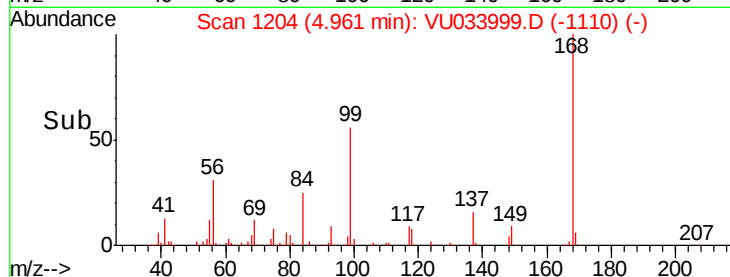
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50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.818 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033999.D

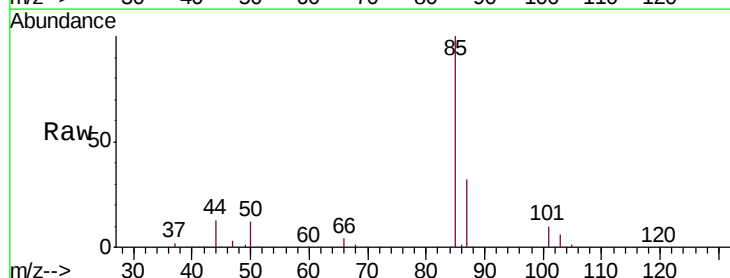
Acq: 28 Aug 2019 03:03

Tgt Ion: 85 Resp: 84590

Ion Ratio Lower Upper

85 100

87 32.2 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) (-)

1.20

100000

80000

60000

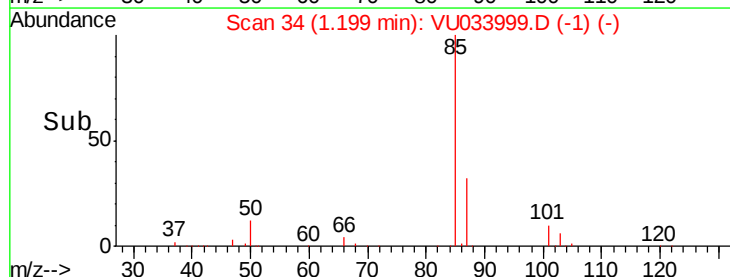
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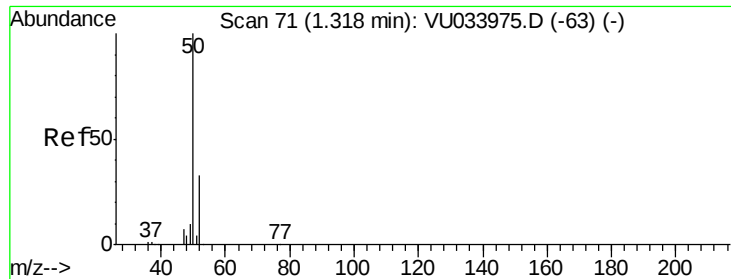
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 28.056 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

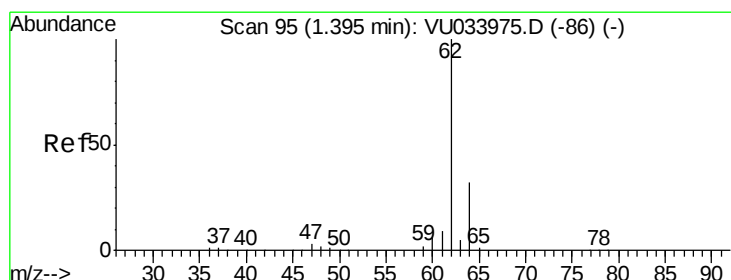
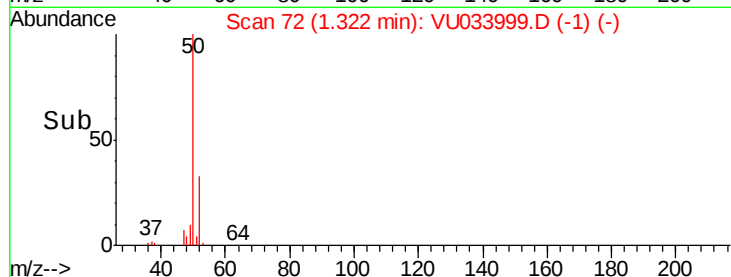
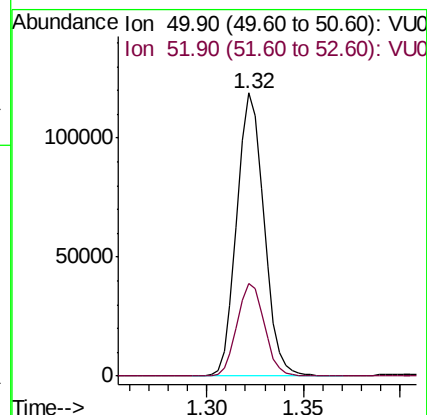
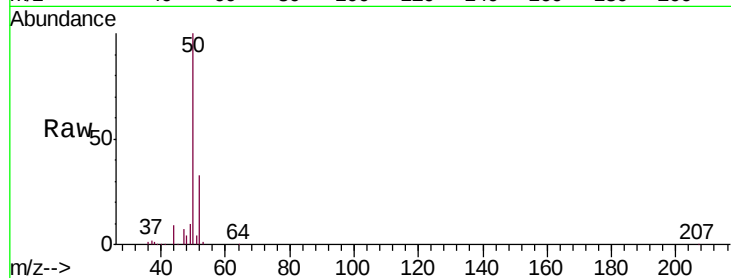
VU0828WBSD02

Tgt Ion: 50 Resp: 116090

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 29.090 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033999.D

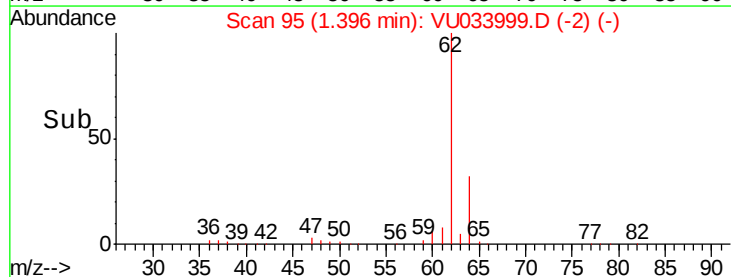
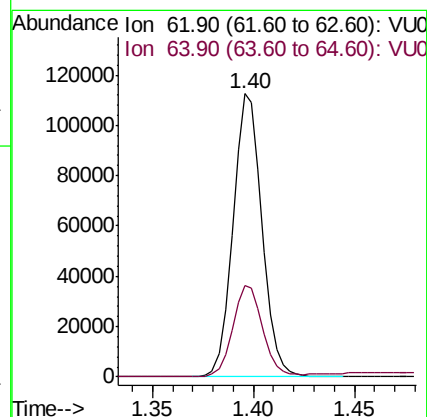
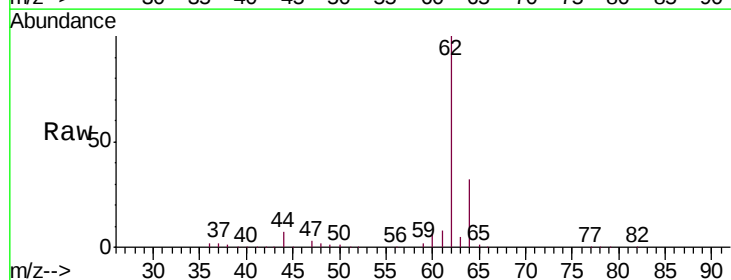
Acq: 28 Aug 2019 03:03

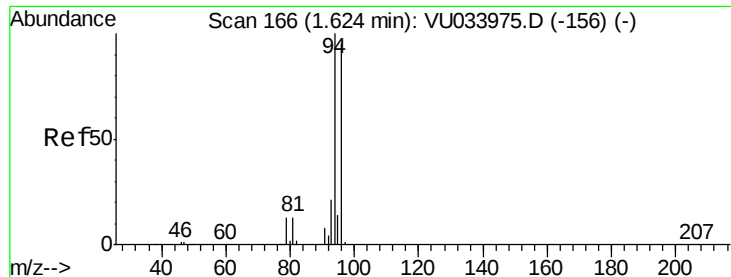
Tgt Ion: 62 Resp: 112597

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 22.809 ug/l

RT: 1.60 min Scan# 160

Delta R.T. -0.02 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

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ClientSampleId :

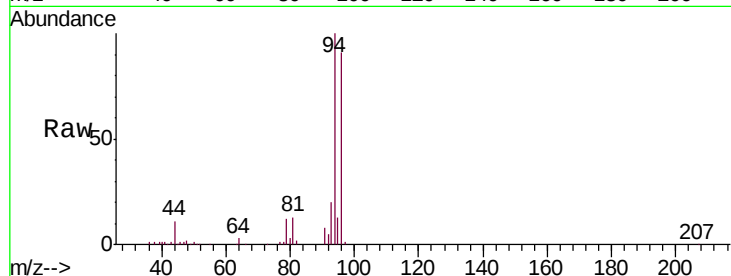
VU0828WBSD02

Tgt Ion: 94 Resp: 53658

Ion Ratio Lower Upper

94 100

96 91.4 76.3 114.5

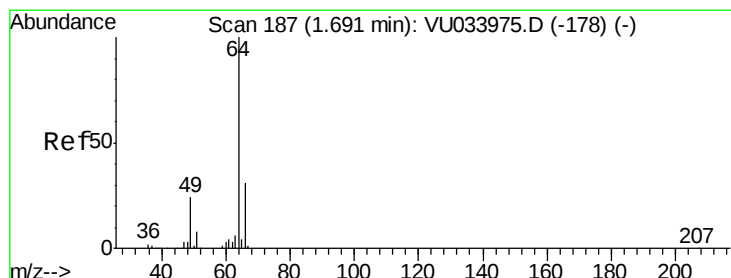
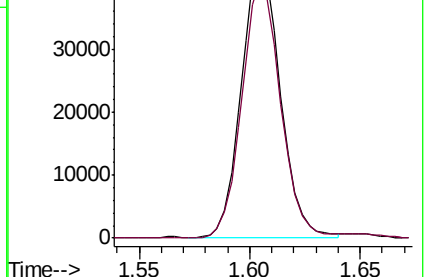
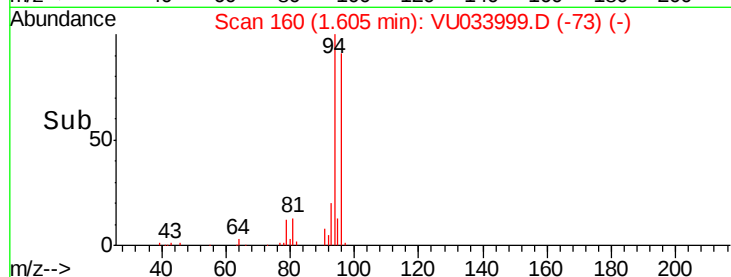


Abundance Ion 93.90 (93.60 to 94.60): VU033999.D (-93) (-)

Ion 95.90 (95.60 to 96.60): VU033999.D (-95) (-)

1.60

Time-->



#6

Chloroethane

Concen: 20.134 ug/l

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU033999.D

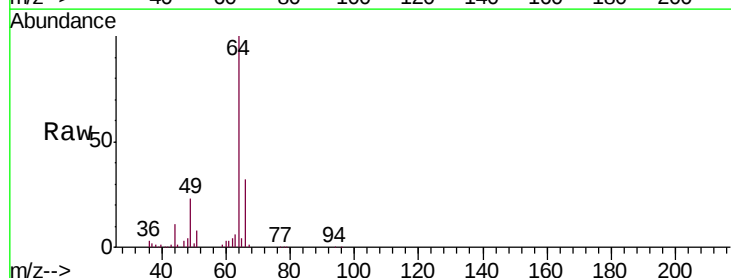
Acq: 28 Aug 2019 03:03

Tgt Ion: 64 Resp: 46399

Ion Ratio Lower Upper

64 100

66 32.7 24.9 37.3

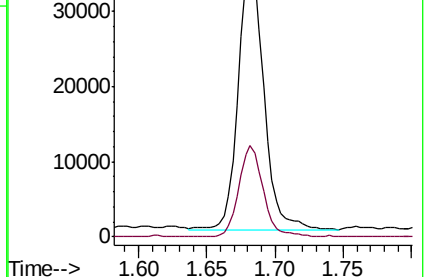
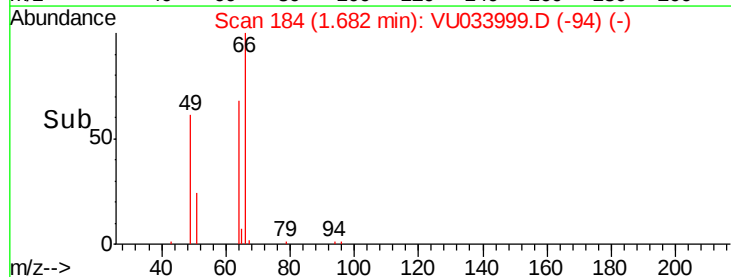


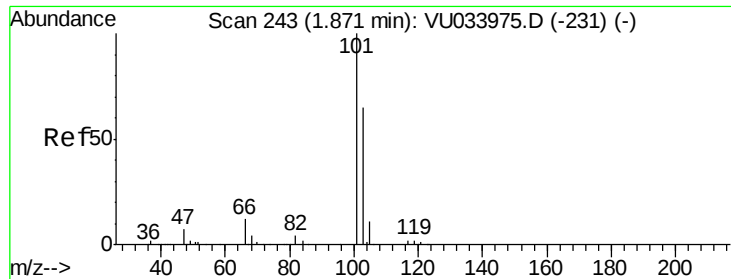
Abundance Ion 63.90 (63.60 to 64.60): VU033999.D (-63) (-)

Ion 65.90 (65.60 to 66.60): VU033999.D (-65) (-)

1.68

Time-->



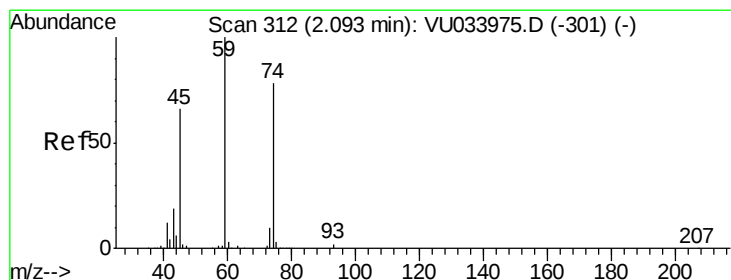
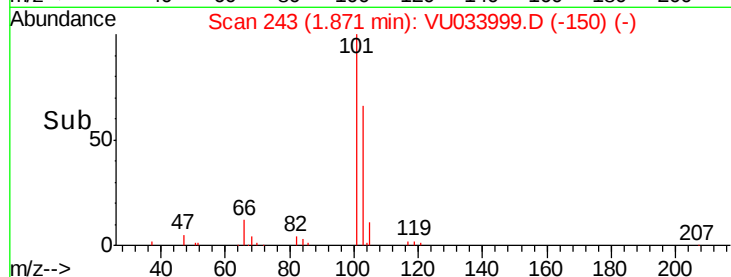
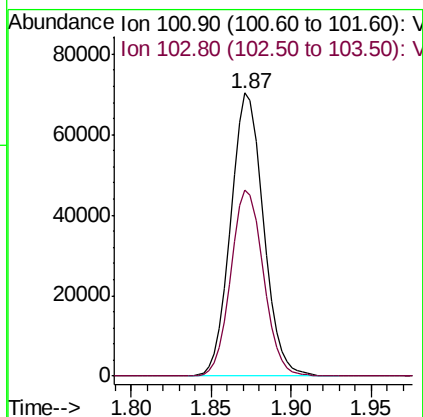
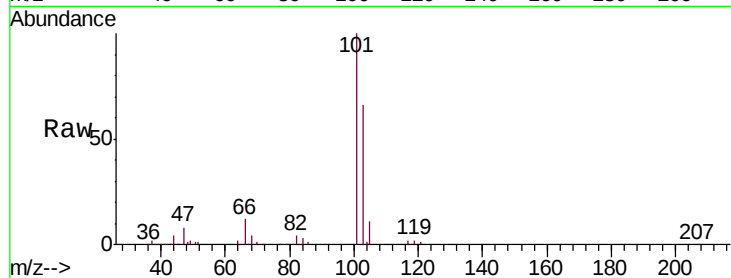


#7

Trichlorofluoromethane  
 Concen: 19.200 ug/l  
 RT: 1.87 min Scan# 243  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

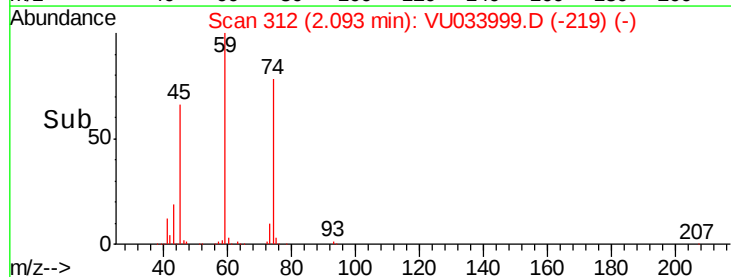
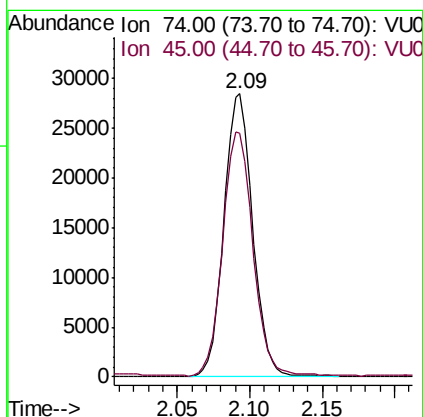
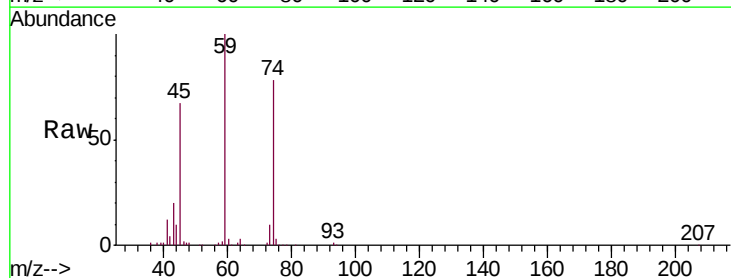
Tgt Ion:101 Resp: 97785  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 52.0 78.0

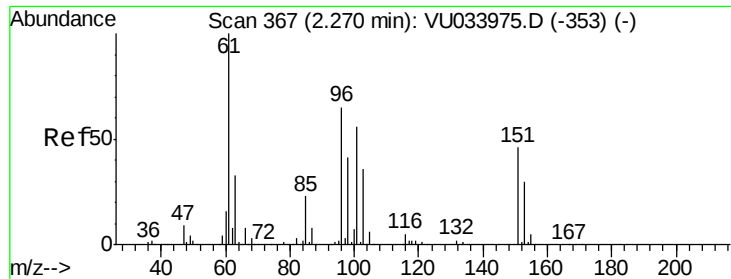


#8

Diethyl Ether  
 Concen: 20.281 ug/l  
 RT: 2.09 min Scan# 312  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 74 Resp: 39179  
 Ion Ratio Lower Upper  
 74 100  
 45 90.5 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.661 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

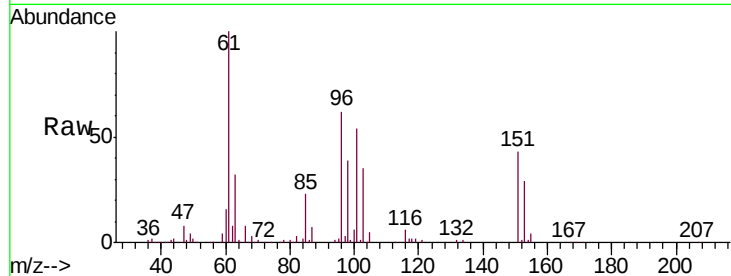
Tgt Ion:101 Resp: 67203

Ion Ratio Lower Upper

101 100

85 42.8 33.4 50.0

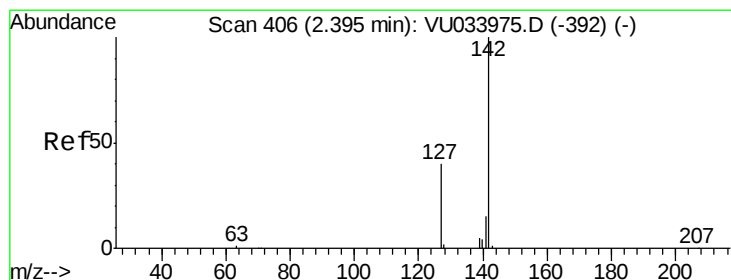
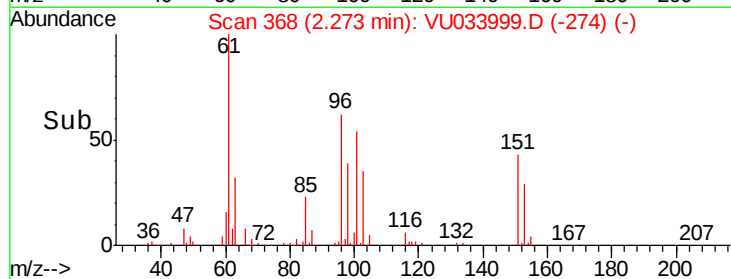
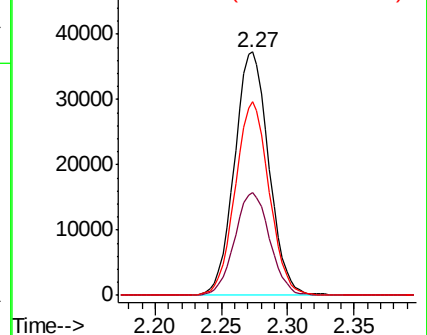
151 78.4 67.6 101.4



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: 20.693 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

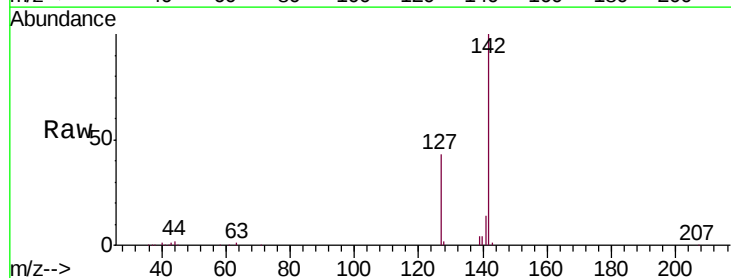
Tgt Ion:142 Resp: 100795

Ion Ratio Lower Upper

142 100

127 43.2 32.2 48.2

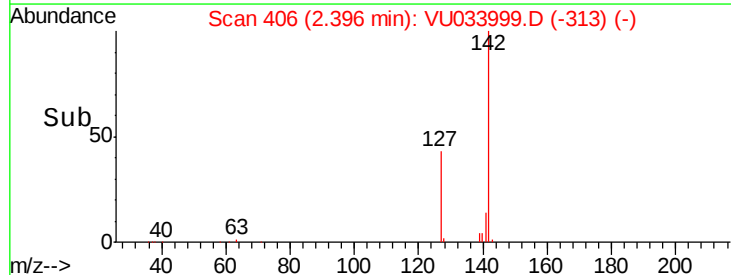
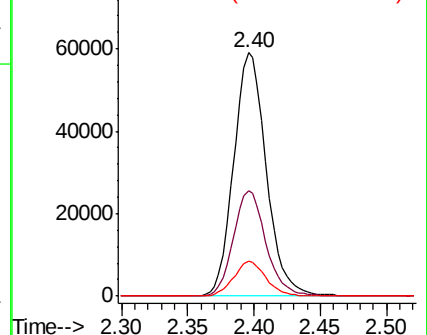
141 14.2 11.8 17.8

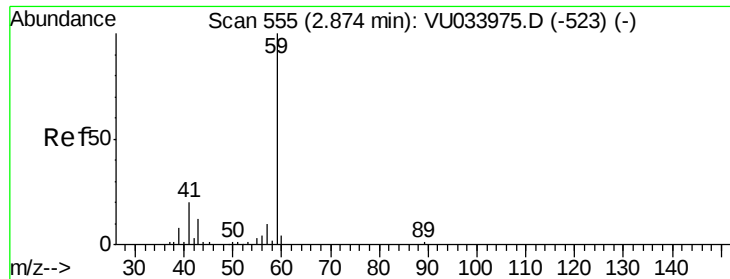


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

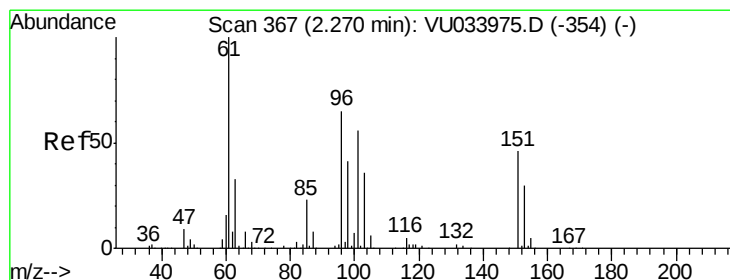
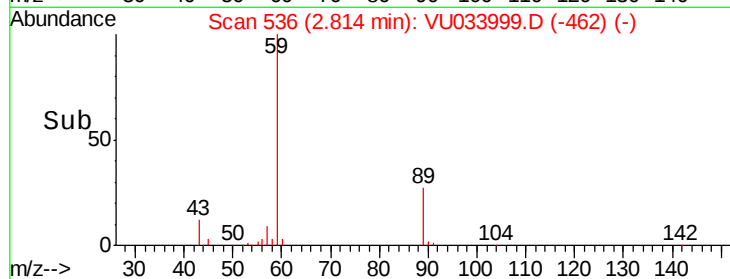
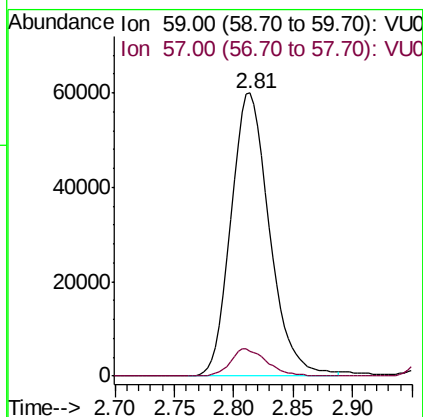
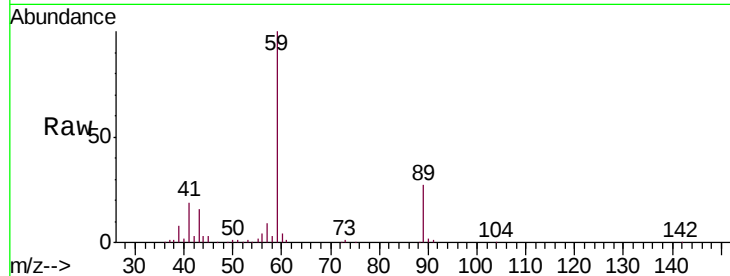




#11  
Tert butyl alcohol  
Concen: 121.534 ug/l  
RT: 2.81 min Scan# 536  
Delta R.T. -0.06 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

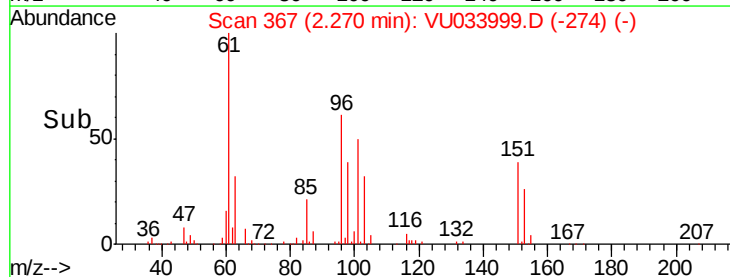
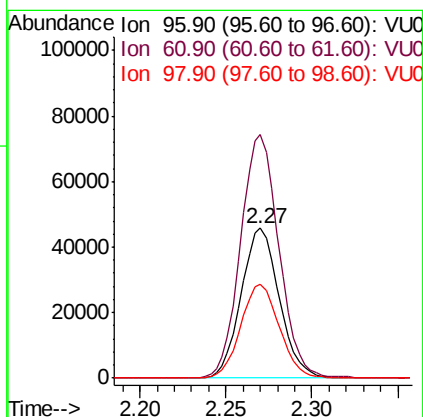
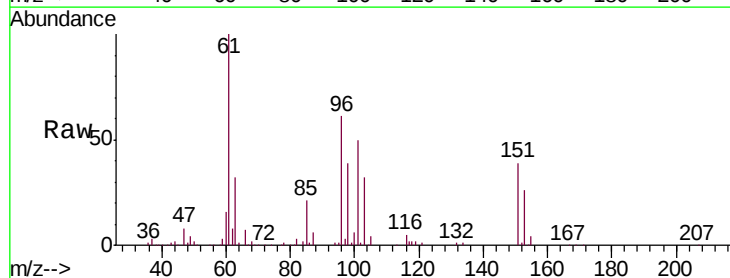
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

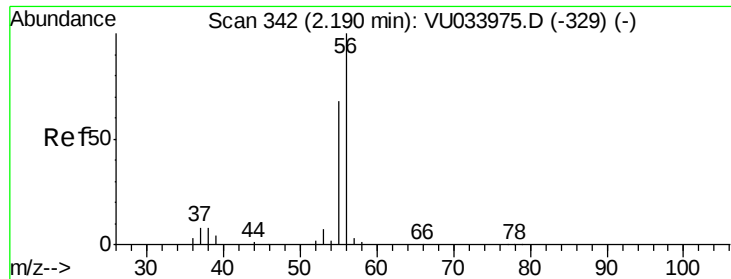
Tgt Ion: 59 Resp: 134806  
Ion Ratio Lower Upper  
59 100  
57 9.1 3.9 5.9#



#12  
1,1-Dichloroethene  
Concen: 20.750 ug/l  
RT: 2.27 min Scan# 367  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion: 96 Resp: 70443  
Ion Ratio Lower Upper  
96 100  
61 162.7 123.3 184.9  
98 62.9 50.5 75.7

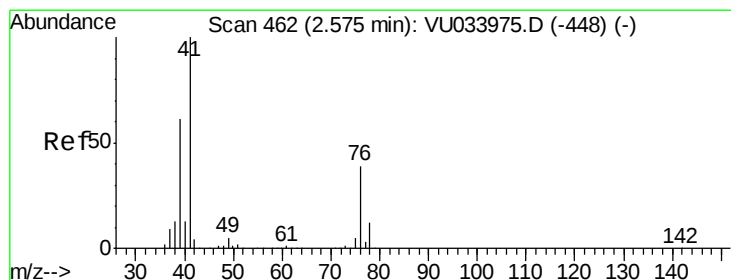
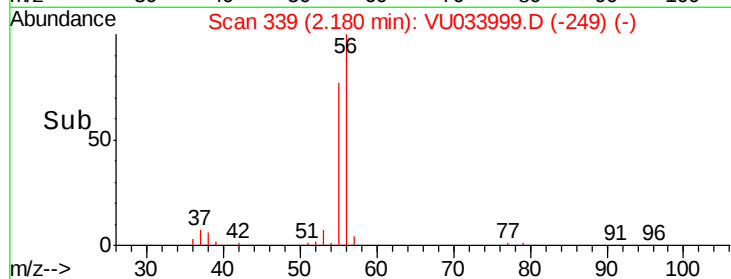
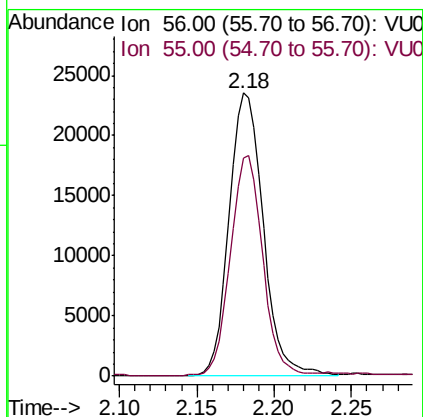
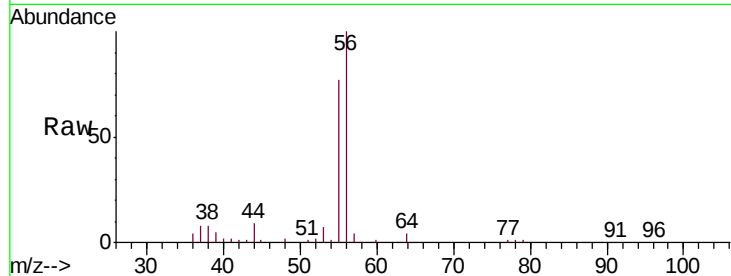




#13  
 Acrolein  
 Concen: 102.537 ug/l  
 RT: 2.18 min Scan# 339  
 Delta R.T. -0.01 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

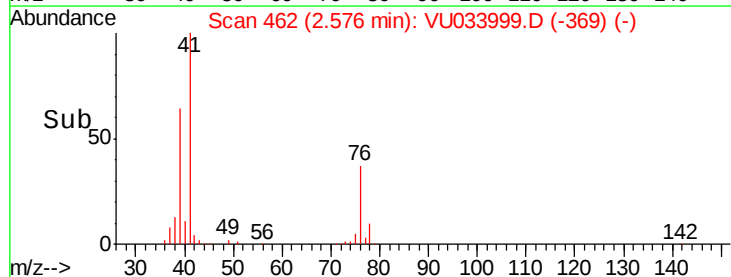
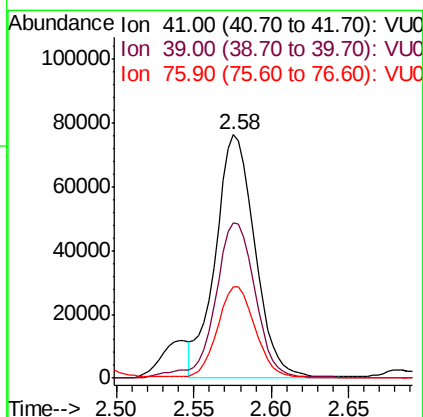
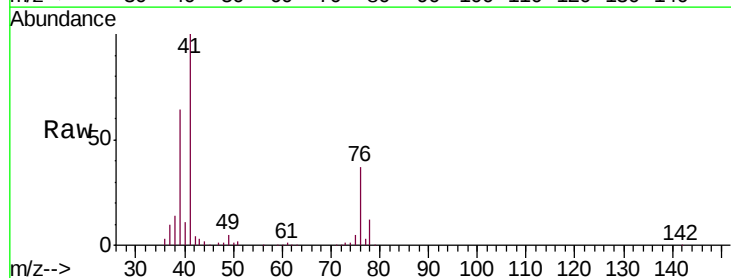
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

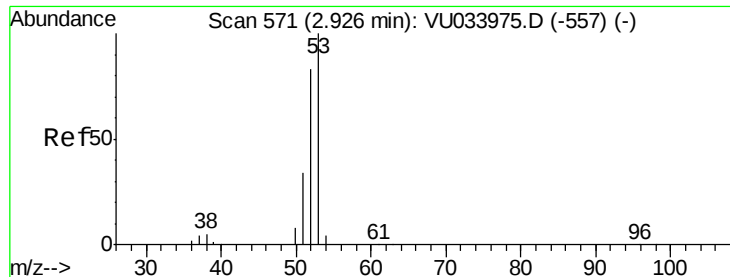
Tgt Ion: 56 Resp: 36119  
 Ion Ratio Lower Upper  
 56 100  
 55 73.5 58.0 87.0



#14  
 Allyl chloride  
 Concen: 22.424 ug/l  
 RT: 2.58 min Scan# 462  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 41 Resp: 134791  
 Ion Ratio Lower Upper  
 41 100  
 39 65.7 45.9 68.9  
 76 36.4 29.4 44.2





#15

Acrylonitrile

Concen: 123.442 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.01 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

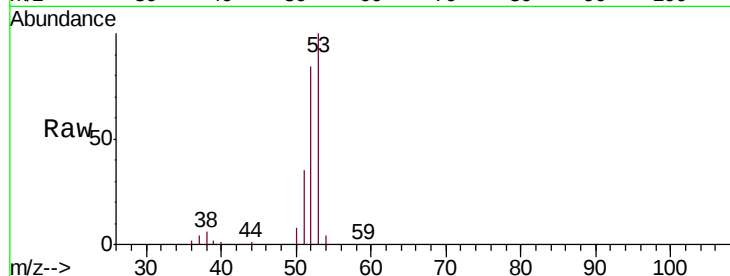
Tgt Ion: 53 Resp: 276794

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

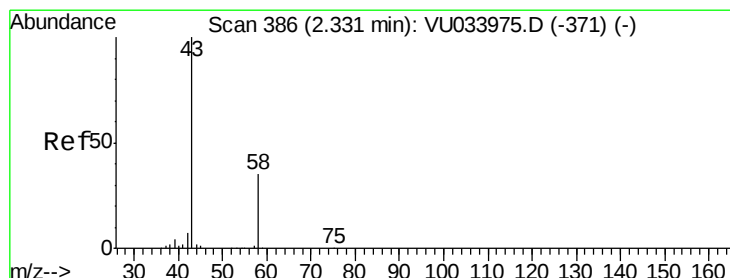
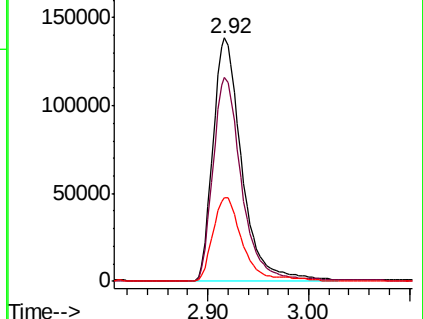
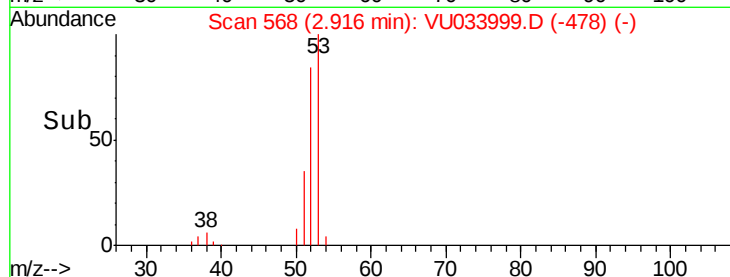
51 35.8 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033999.D (-478) (-)

Ion 52.00 (51.70 to 52.70): VU033999.D (-478) (-)

Ion 51.00 (50.70 to 51.70): VU033999.D (-478) (-)



#16

Acetone

Concen: 116.483 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033999.D

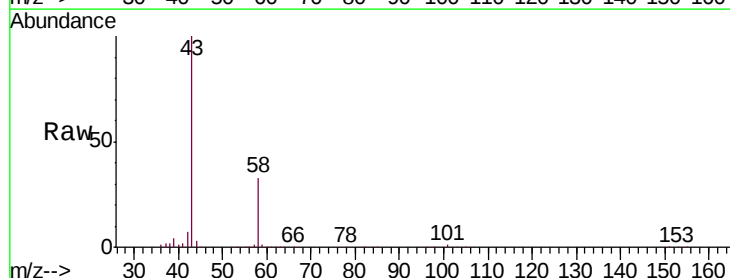
Acq: 28 Aug 2019 03:03

Tgt Ion: 43 Resp: 238768

Ion Ratio Lower Upper

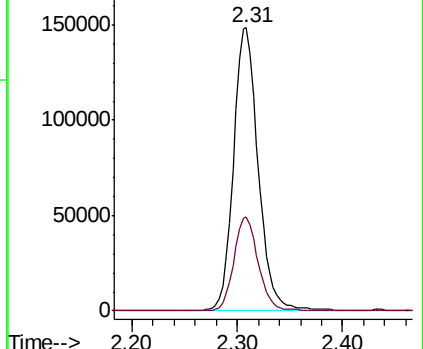
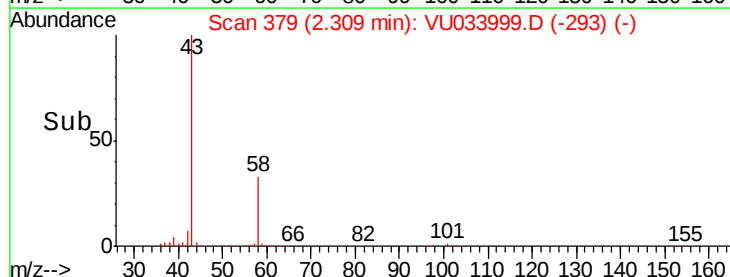
43 100

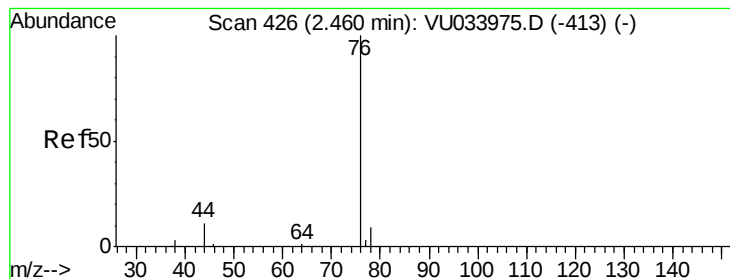
58 33.1 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033999.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033999.D (-293) (-)





#17

Carbon Disulfide

Concen: 22.163 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

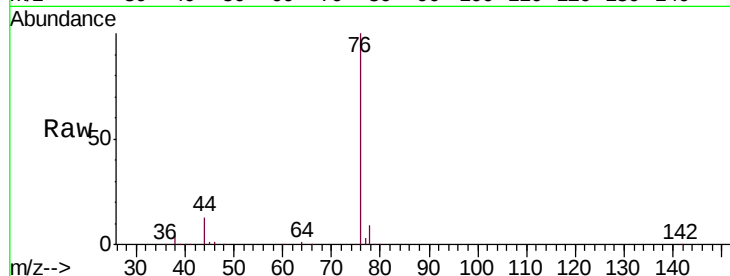
VU0828WBSD02

Tgt Ion: 76 Resp: 247080

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



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

Ion 77.90 (77.60 to 78.60): VU033999.D (-333) (-)

2.46

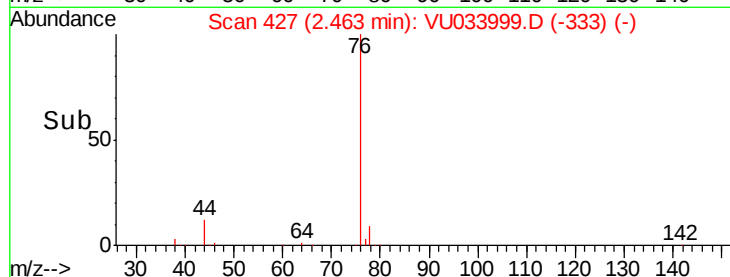
150000

100000

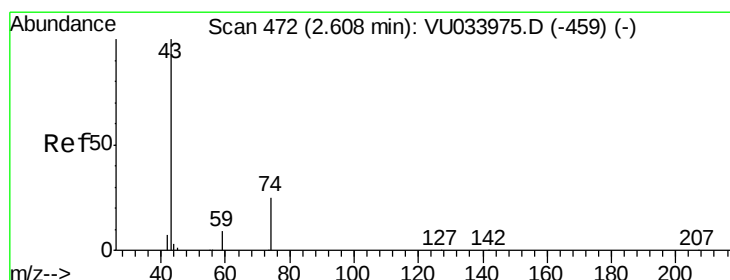
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 26.915 ug/l

RT: 2.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU033999.D

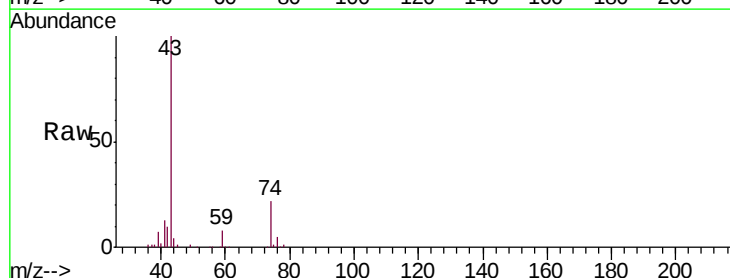
Acq: 28 Aug 2019 03:03

Tgt Ion: 43 Resp: 135889

Ion Ratio Lower Upper

43 100

74 22.4 20.5 30.7



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

Ion 74.00 (73.70 to 74.70): VU033999.D (-379) (-)

2.60

80000

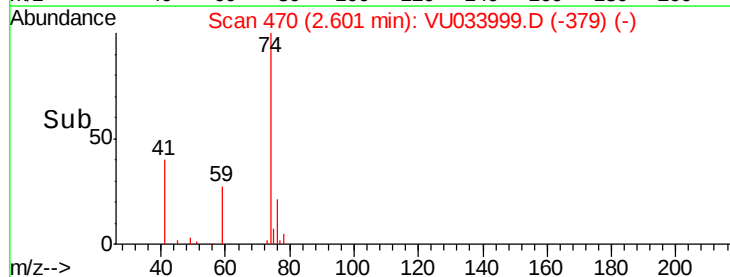
60000

40000

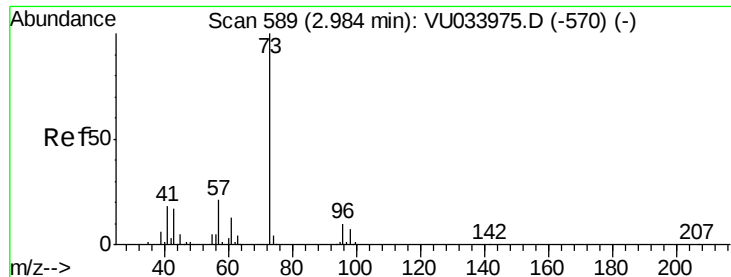
20000

0

Time-->



Time-->

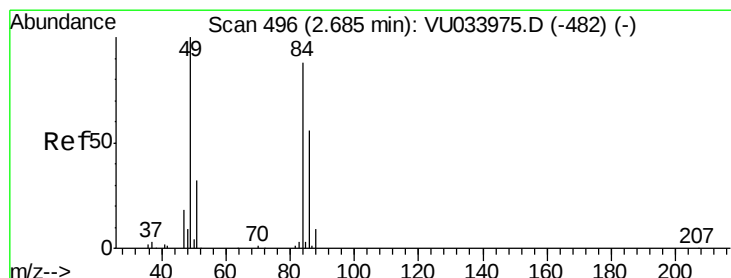
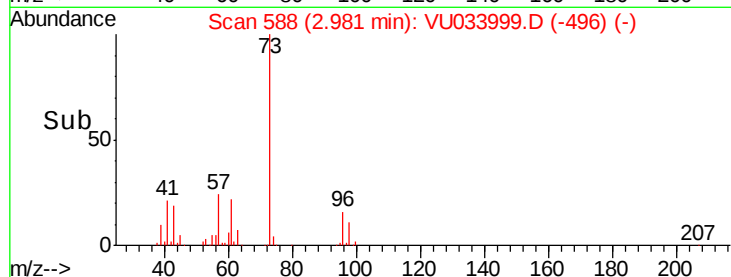
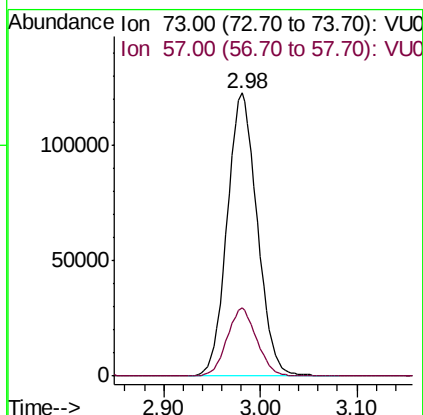
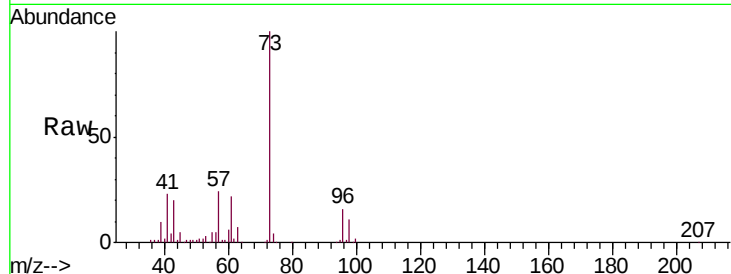


#19

Methyl tert-butyl Ether  
 Concen: 23.164 ug/l  
 RT: 2.98 min Scan# 588  
 Delta R.T. -0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

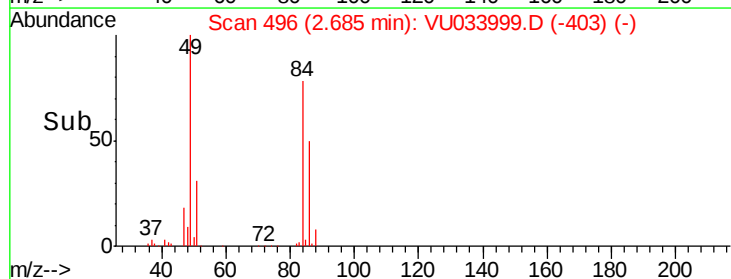
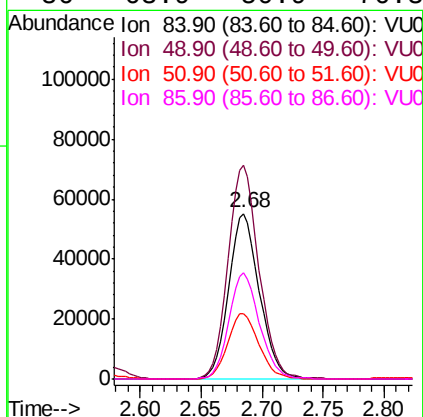
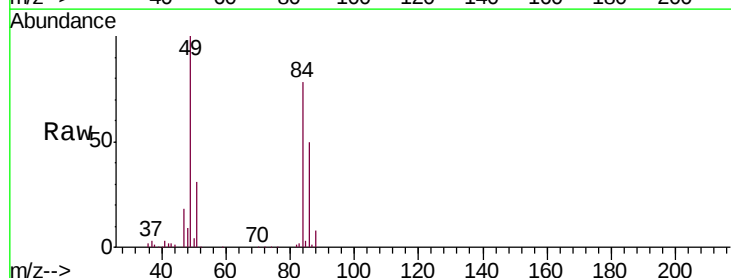
Tgt Ion: 73 Resp: 264176  
 Ion Ratio Lower Upper  
 73 100  
 57 24.1 17.5 26.3

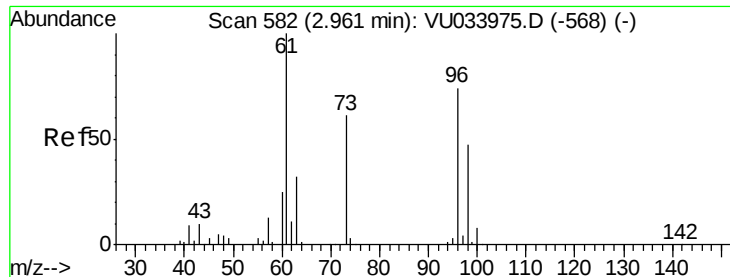


#20

Methylene Chloride  
 Concen: 22.310 ug/l  
 RT: 2.68 min Scan# 496  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 84 Resp: 97023  
 Ion Ratio Lower Upper  
 84 100  
 49 128.9 91.3 136.9  
 51 39.4 28.9 43.3  
 86 63.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 21.983 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

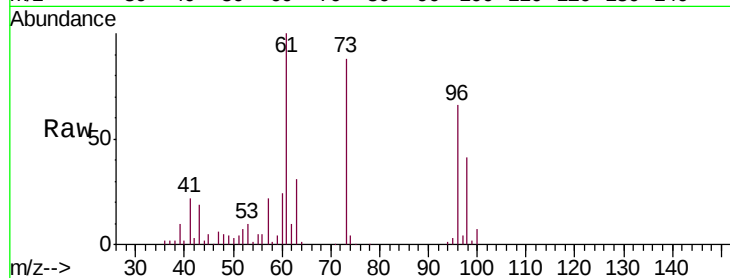
Tgt Ion: 96 Resp: 85091

Ion Ratio Lower Upper

96 100

61 151.2 108.2 162.2

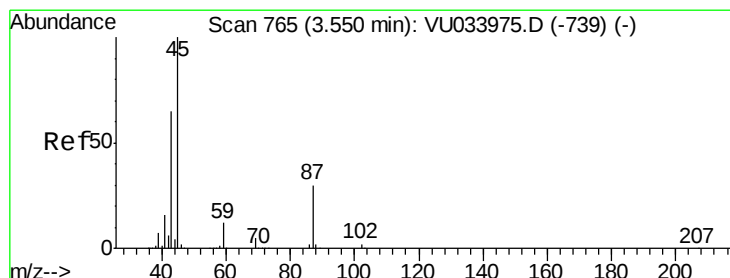
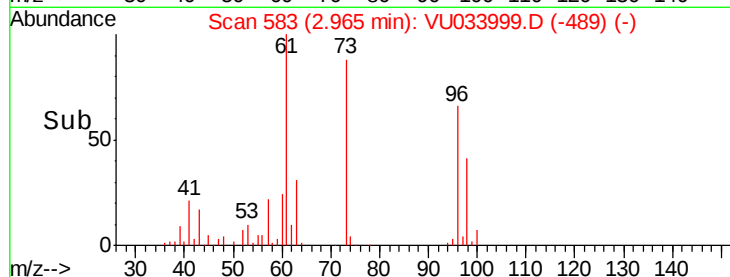
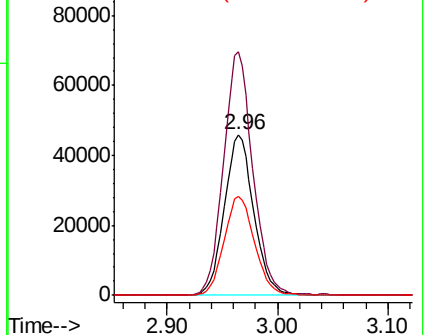
98 61.7 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VU033999.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU033999.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU033999.D (-489) (-)



#22

Diisopropyl ether

Concen: 26.738 ug/l

RT: 3.55 min Scan# 764

Delta R.T. -0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Tgt Ion: 45 Resp: 295304

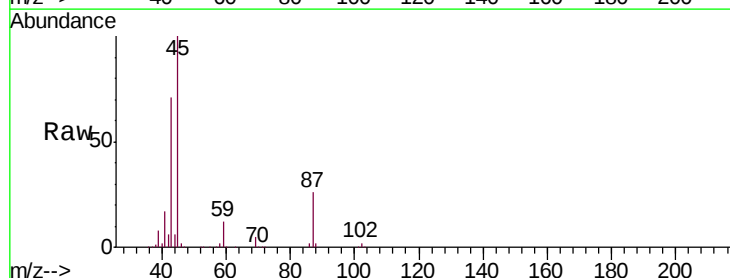
Ion Ratio Lower Upper

45 100

43 69.8 51.6 77.4

87 25.8 24.4 36.6

59 11.8 9.8 14.6

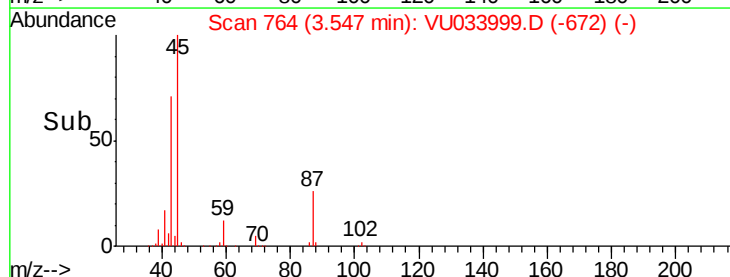
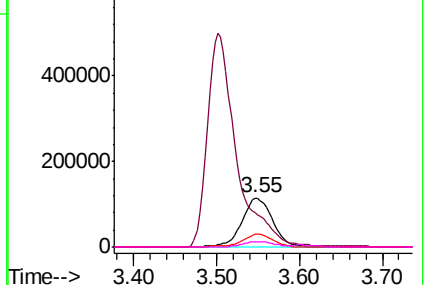


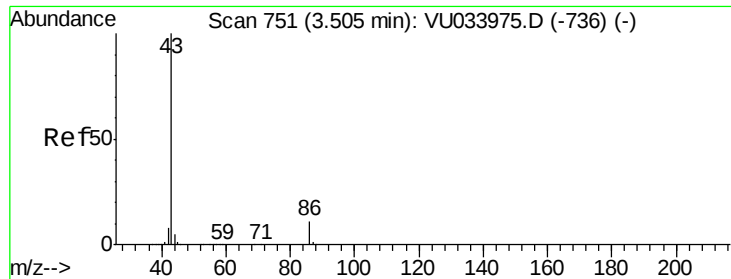
Abundance Ion 45.00 (44.70 to 45.70): VU033999.D (-672) (-)

Ion 43.00 (42.70 to 43.70): VU033999.D (-672) (-)

Ion 87.00 (86.70 to 87.70): VU033999.D (-672) (-)

Ion 59.00 (58.70 to 59.70): VU033999.D (-672) (-)

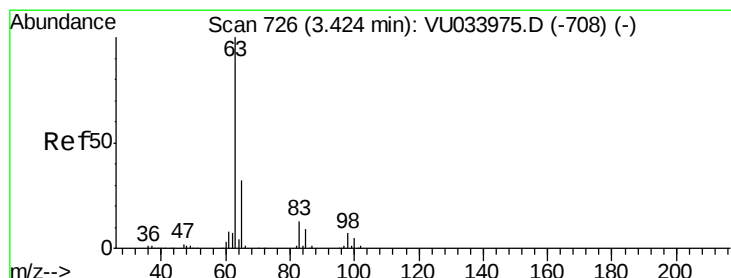
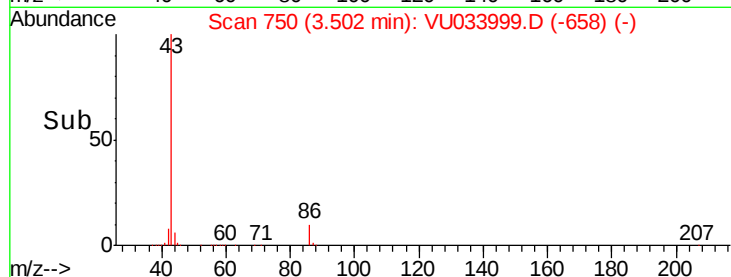
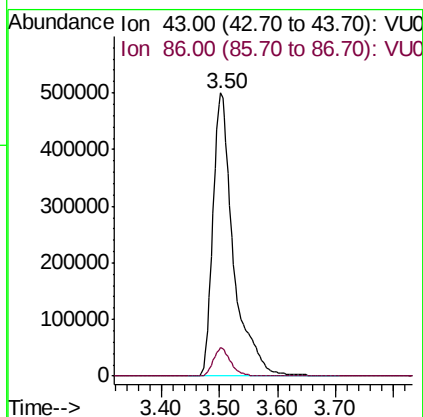
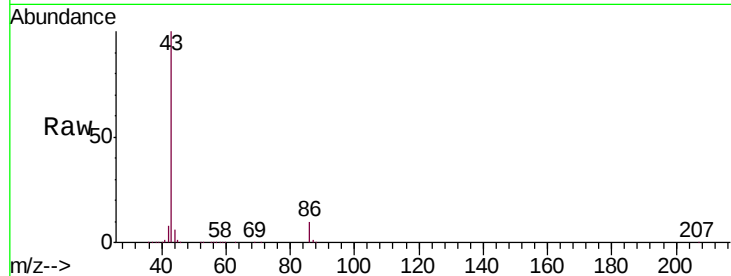




#23  
 Vinyl Acetate  
 Concen: 131.440 ug/l  
 RT: 3.50 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

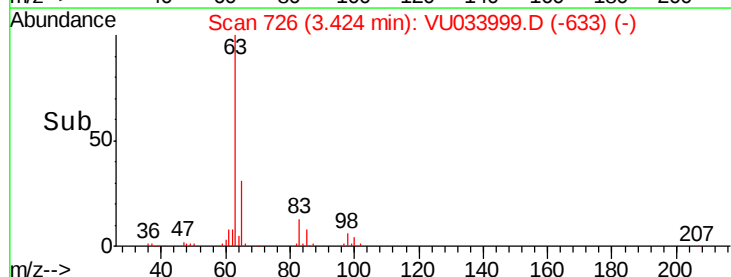
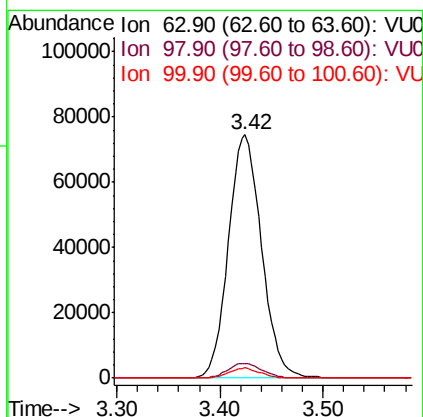
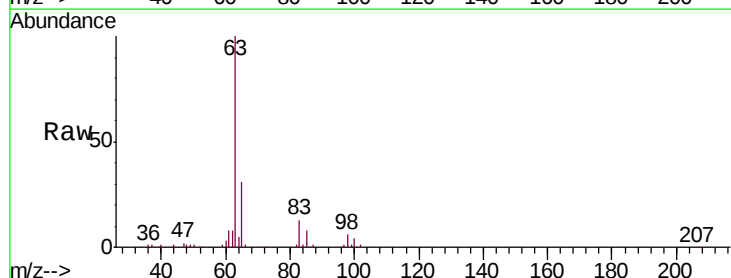
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

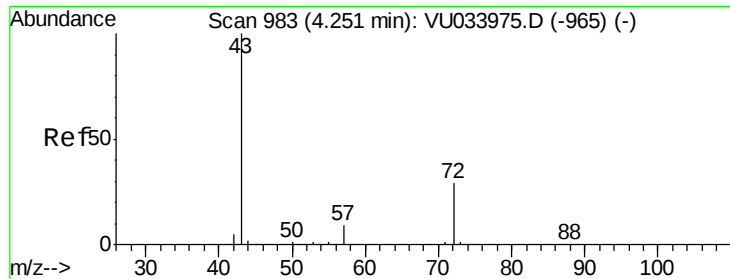
Tgt Ion: 43 Resp: 1233263  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 9.1 13.7



#24  
 1,1-Dichloroethane  
 Concen: 24.128 ug/l  
 RT: 3.42 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 63 Resp: 166835  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.5 10.4  
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 127.448 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.01 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

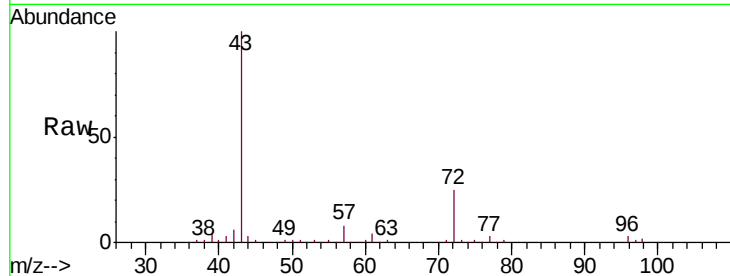
VU0828WBSD02

Tgt Ion: 43 Resp: 374481

Ion Ratio Lower Upper

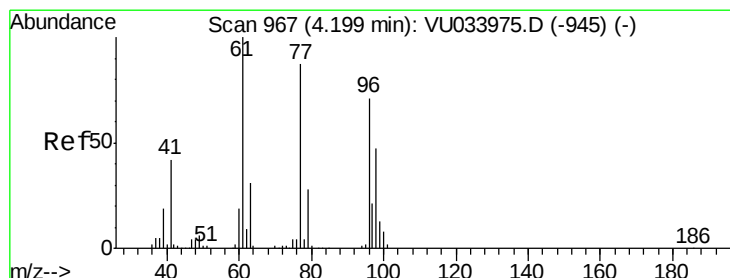
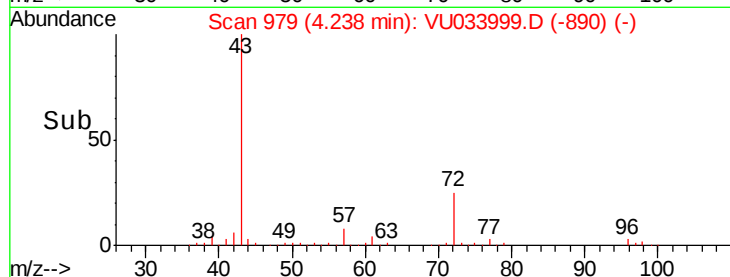
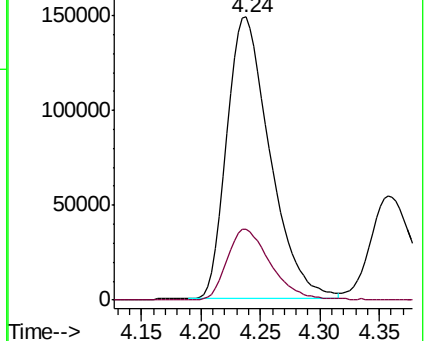
43 100

72 25.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 17.910 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033999.D

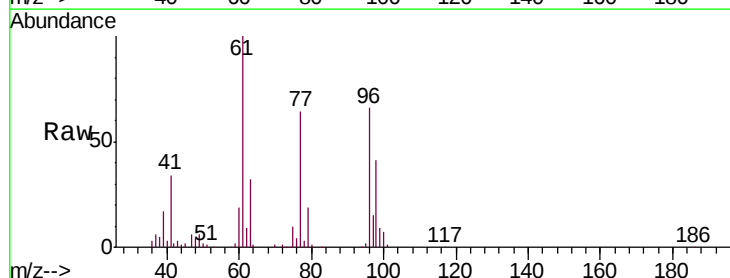
Acq: 28 Aug 2019 03:03

Tgt Ion: 77 Resp: 104716

Ion Ratio Lower Upper

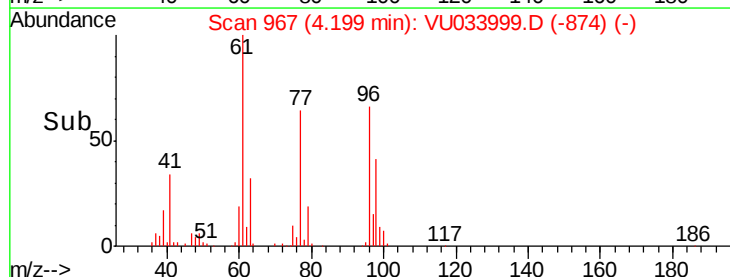
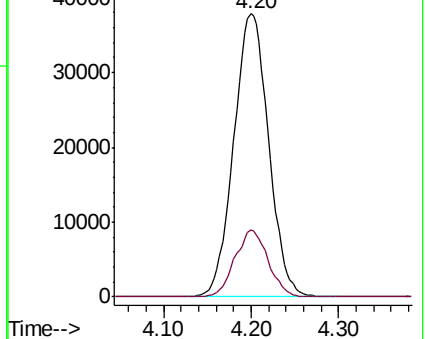
77 100

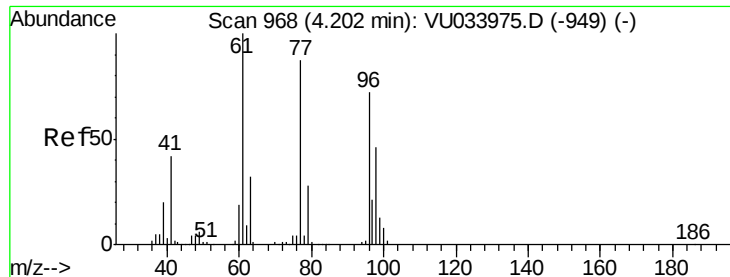
97 22.3 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



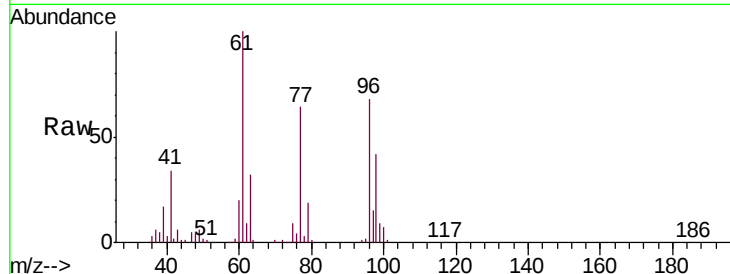


#27

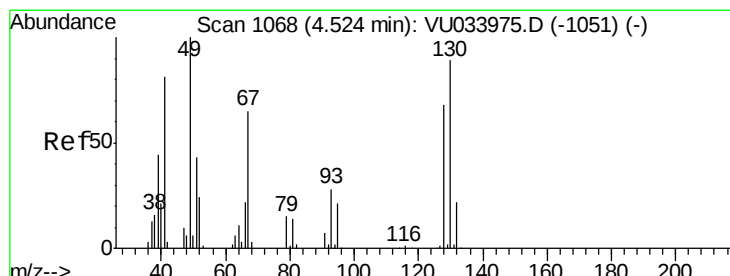
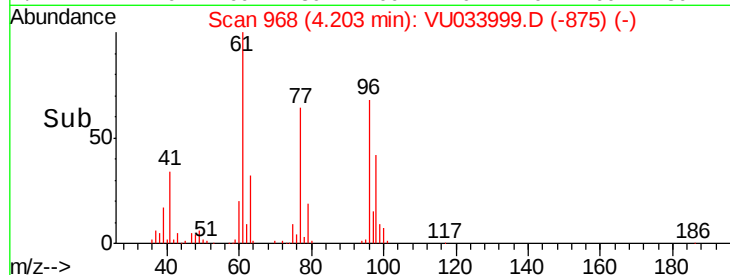
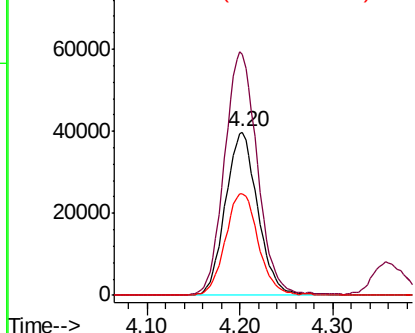
cis-1,2-Dichloroethene  
 Concen: 22.252 ug/l  
 RT: 4.20 min Scan# 968  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

Tgt Ion: 96 Resp: 96415  
 Ion Ratio Lower Upper  
 96 100  
 61 151.4 0.0 287.2  
 98 63.1 0.0 131.8



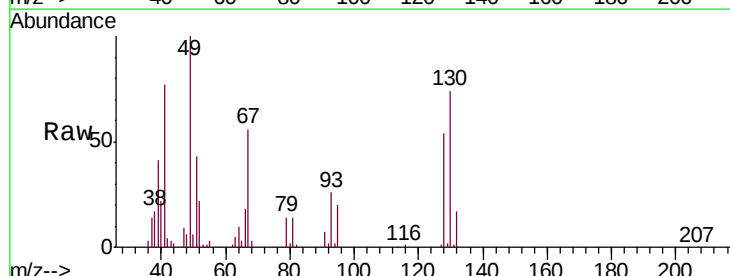
Abundance Ion 95.90 (95.60 to 96.60): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 97.90 (97.60 to 98.60): VU0



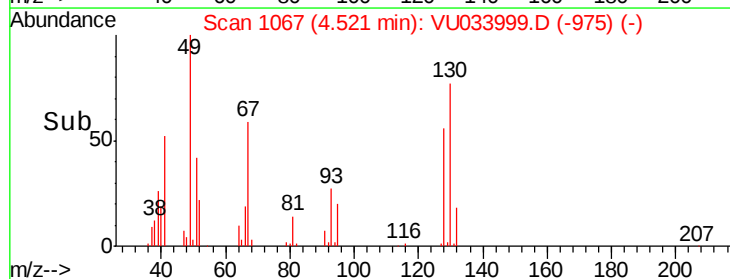
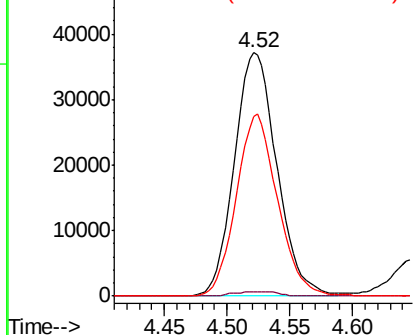
#28

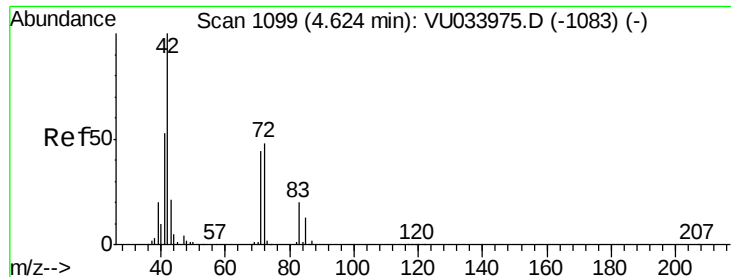
Bromochloromethane  
 Concen: 27.555 ug/l  
 RT: 4.52 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 49 Resp: 87666  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.6  
 130 72.7 71.0 106.6



Abundance Ion 48.90 (48.60 to 49.60): VU0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V

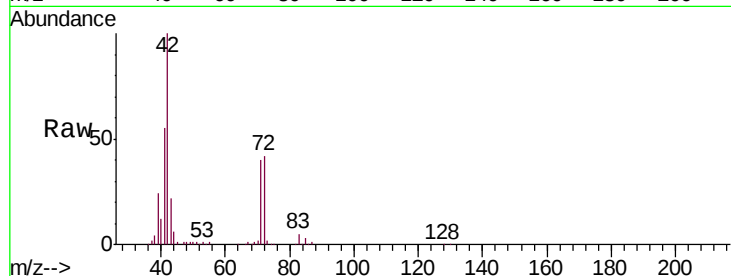




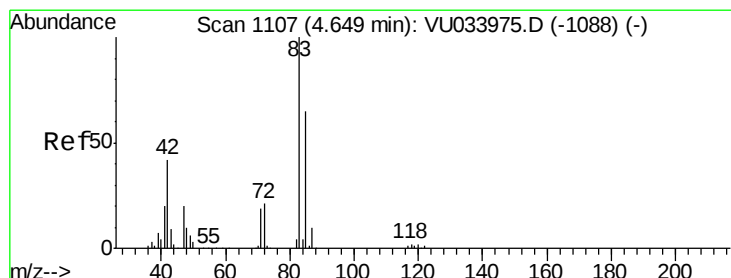
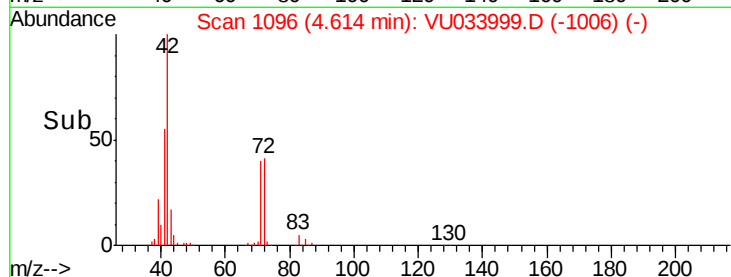
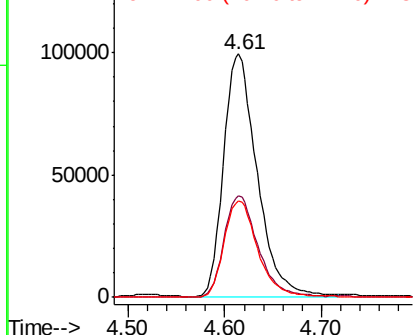
#29  
Tetrahydrofuran  
Concen: 129.726 ug/l  
RT: 4.61 min Scan# 1096  
Delta R.T. -0.01 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

Tgt Ion: 42 Resp: 238415  
Ion Ratio Lower Upper  
42 100  
72 42.6 38.9 58.3  
71 40.4 35.7 53.5

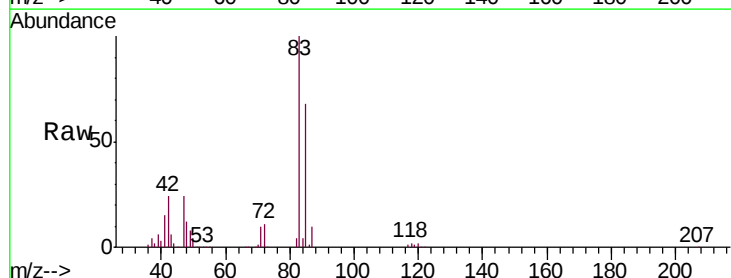


Abundance Ion 42.00 (41.70 to 42.70): VU0  
Ion 72.00 (71.70 to 72.70): VU0  
Ion 71.00 (70.70 to 71.70): VU0

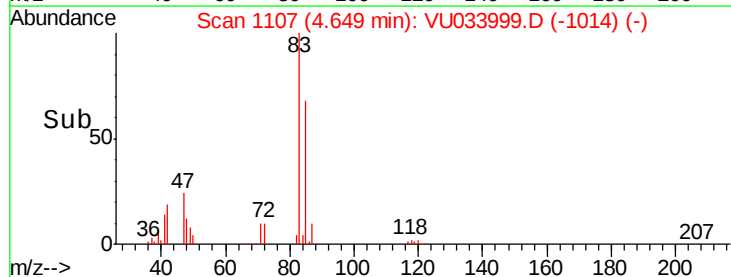
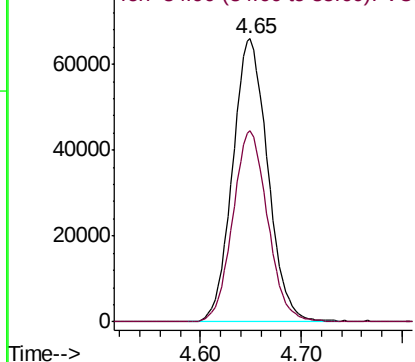


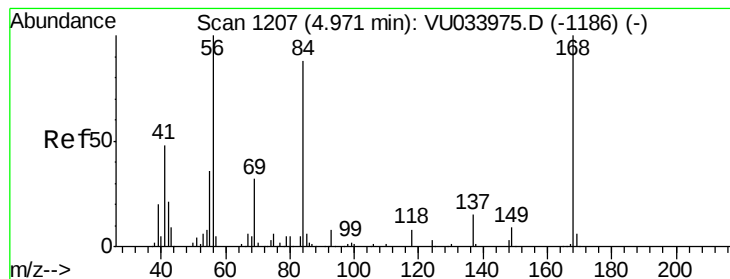
#30  
Chloroform  
Concen: 22.512 ug/l  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion: 83 Resp: 159394  
Ion Ratio Lower Upper  
83 100  
85 67.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VU0  
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 24.350 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

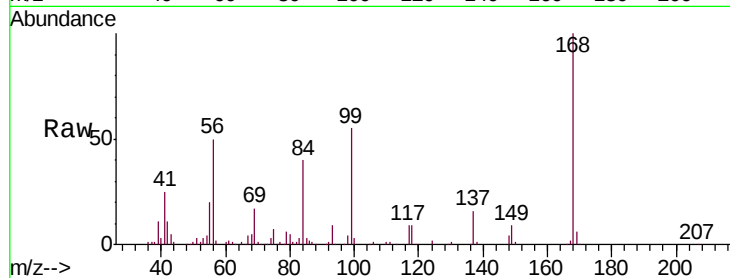
Tgt Ion: 56 Resp: 153754

Ion Ratio Lower Upper

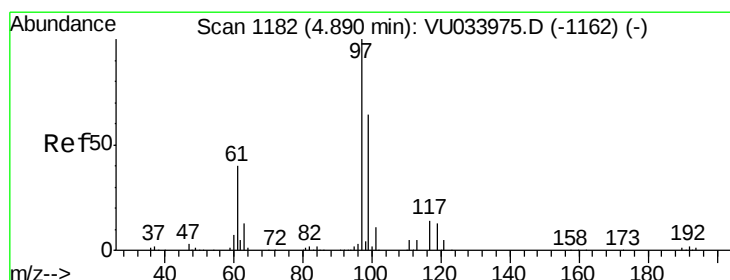
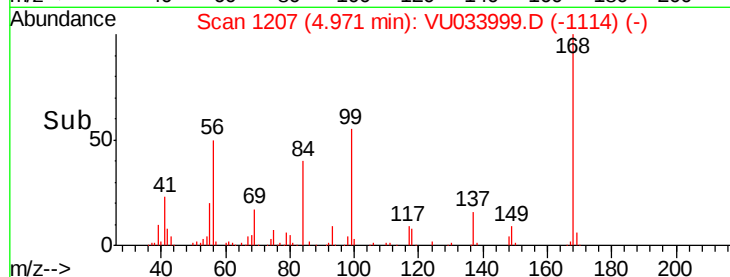
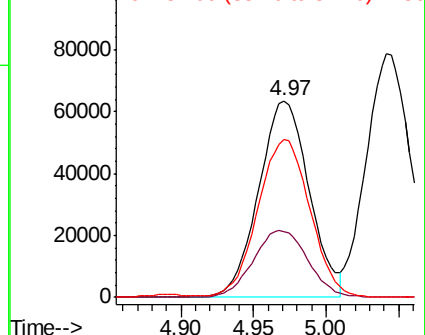
56 100

69 33.5 25.9 38.9

84 79.7 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: 22.714 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

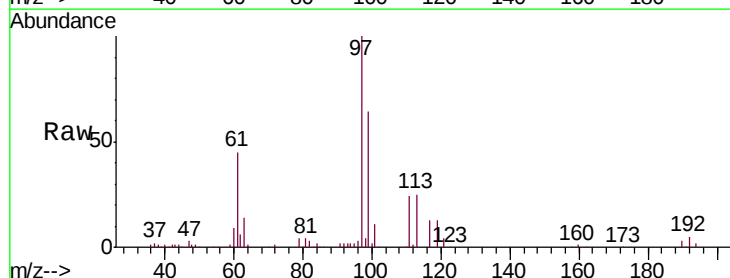
Tgt Ion: 97 Resp: 135392

Ion Ratio Lower Upper

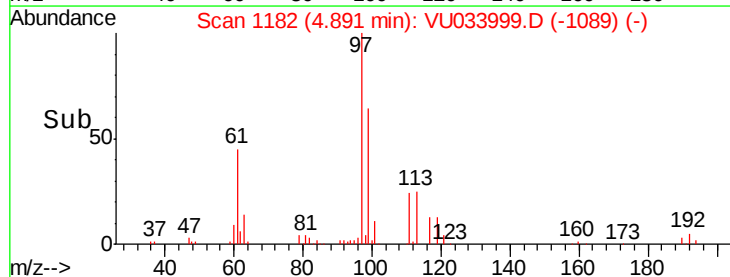
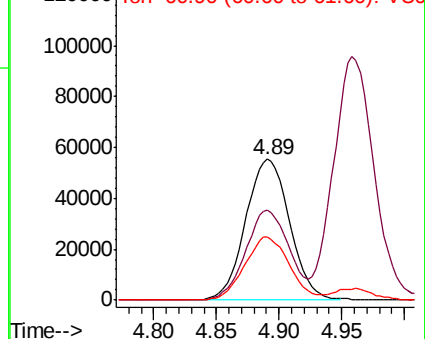
97 100

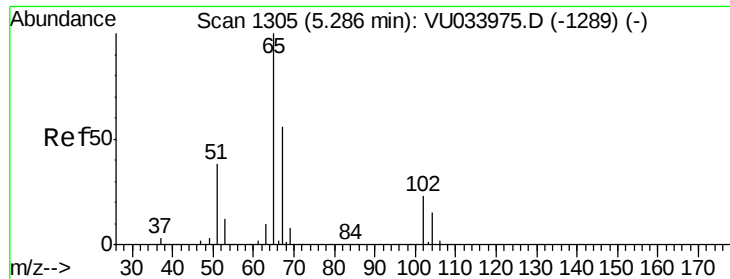
99 63.1 51.6 77.4

61 44.9 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

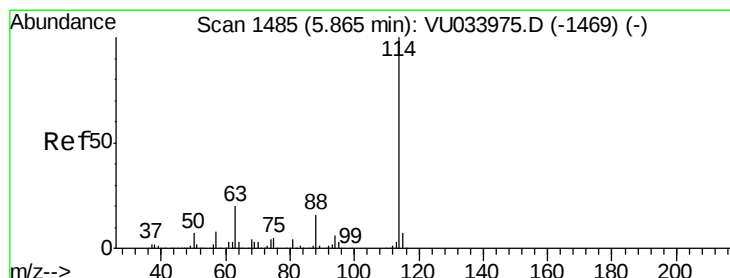
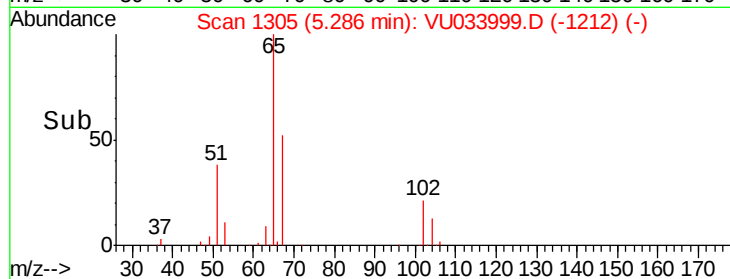
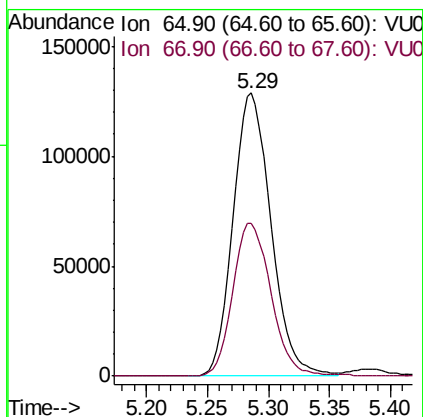
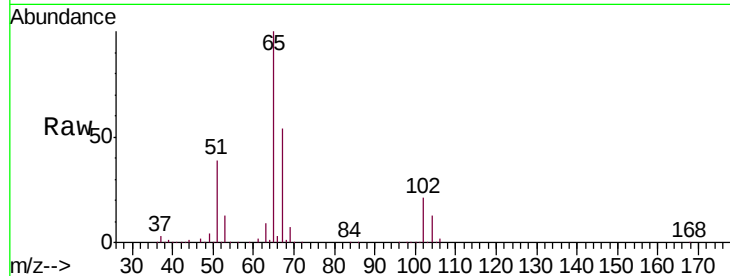




#33  
 1,2-Dichloroethane-d4  
 Concen: 64.833 ug/l  
 RT: 5.29 min Scan# 1305  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

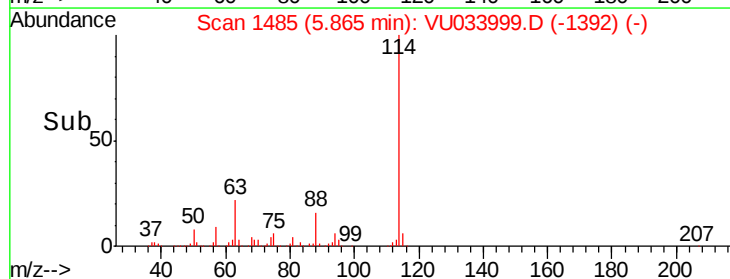
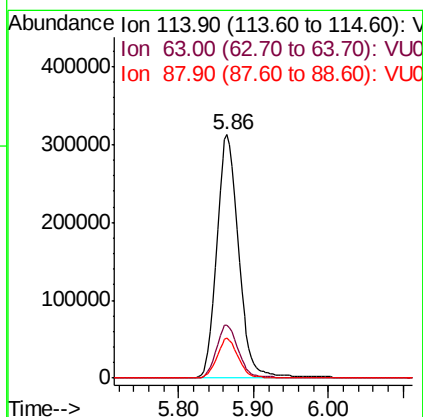
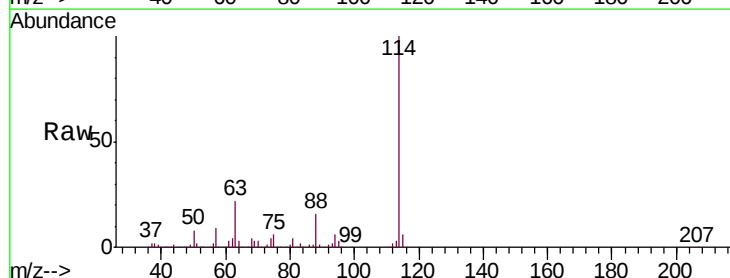
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

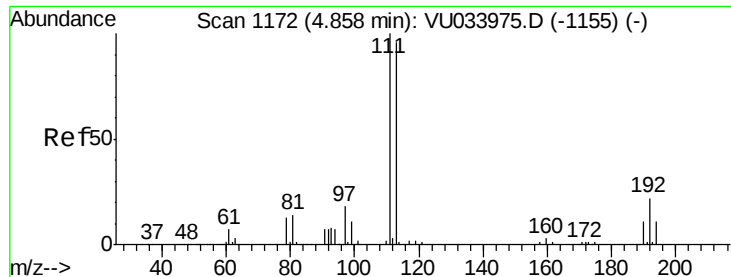
Tgt Ion: 65 Resp: 277640  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.86 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 114 Resp: 638068  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 39.0  
 88 16.2 0.0 31.2

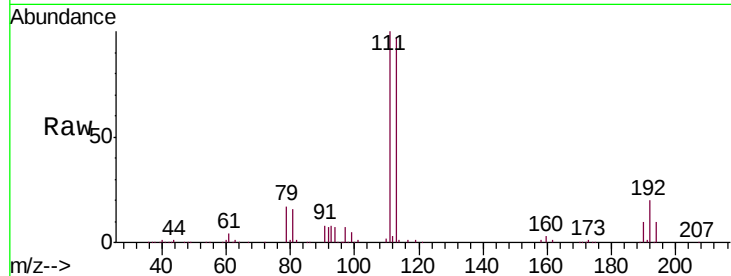




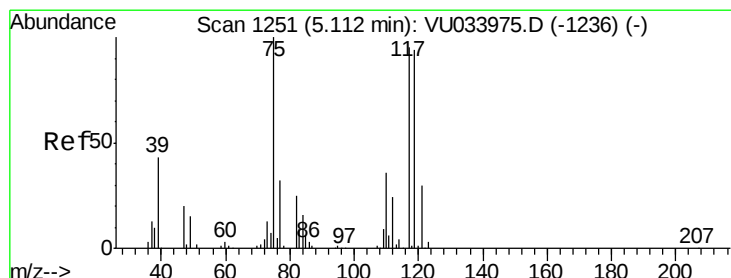
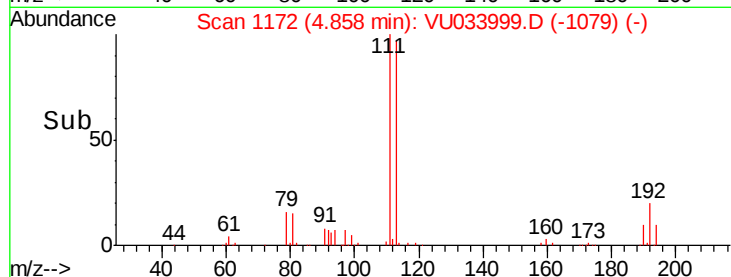
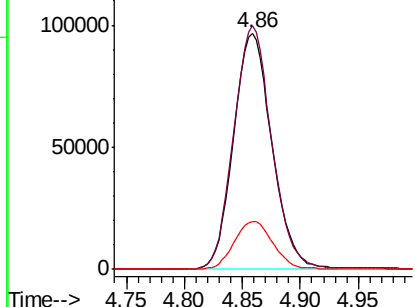
#35  
 Dibromofluoromethane  
 Concen: 51.744 ug/l  
 RT: 4.86 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.7  | 122.5 |
| 192     | 20.7  | 18.6  | 27.8  |

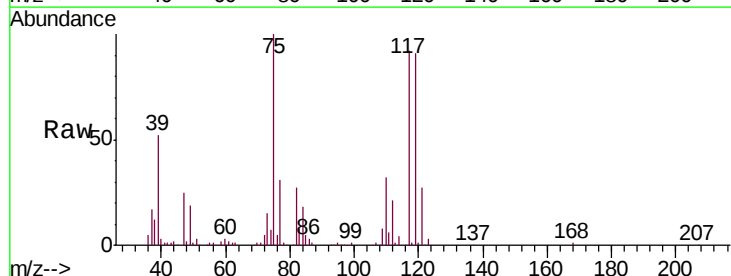


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

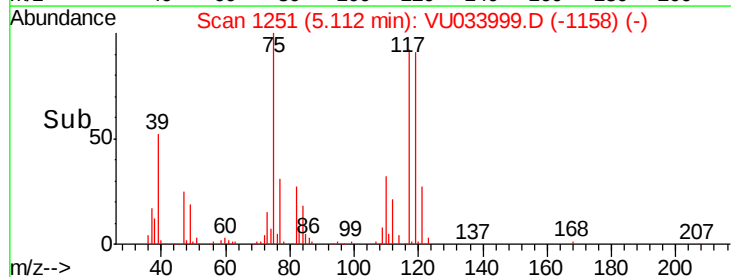
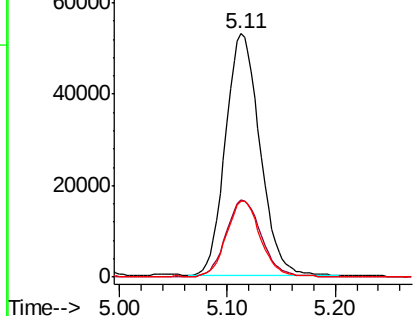


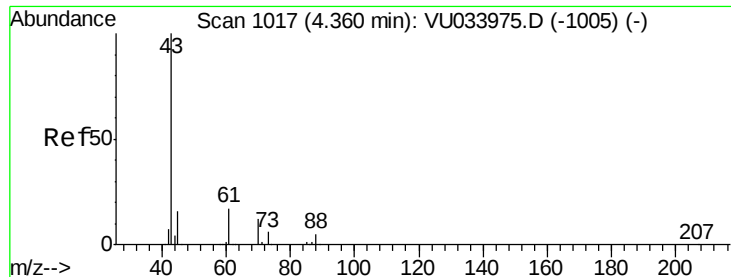
#36  
 1,1-Dichloropropene  
 Concen: 20.117 ug/l  
 RT: 5.11 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.0  | 18.2  | 54.6  |
| 77      | 31.4  | 24.8  | 37.2  |



Abundance Ion 74.90 (74.60 to 75.60): VU0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VU0

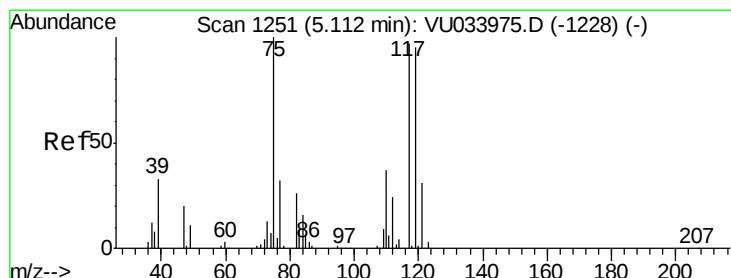
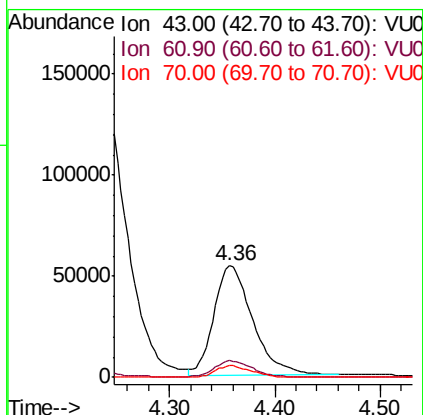
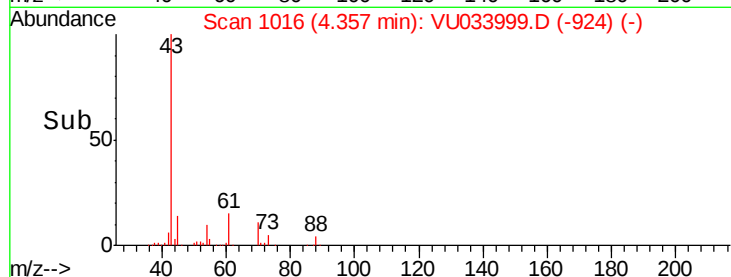
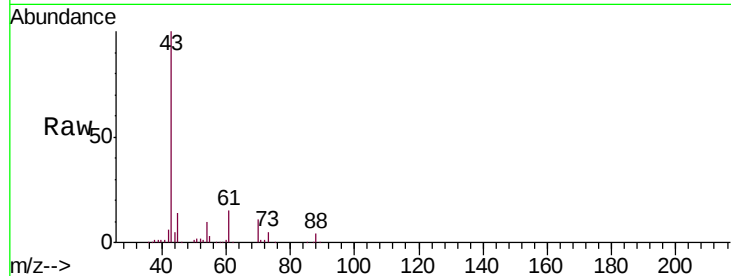




#37  
Ethyl Acetate  
Concen: 23.357 ug/l  
RT: 4.36 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

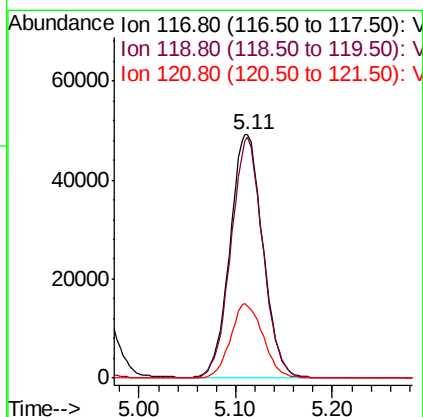
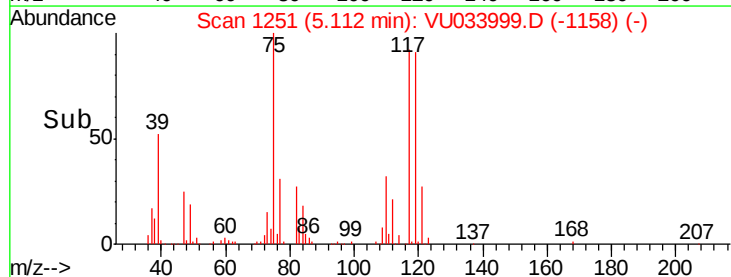
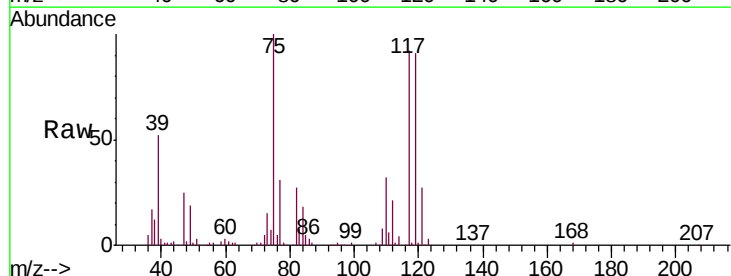
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

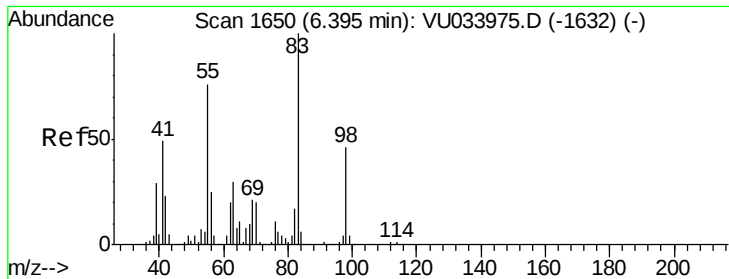
Tgt Ion: 43 Resp: 136913  
Ion Ratio Lower Upper  
43 100  
61 14.6 12.0 18.0  
70 10.6 9.2 13.8



#38  
Carbon Tetrachloride  
Concen: 19.514 ug/l  
RT: 5.11 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion: 117 Resp: 116224  
Ion Ratio Lower Upper  
117 100  
119 99.1 78.4 117.6  
121 29.6 25.4 38.2

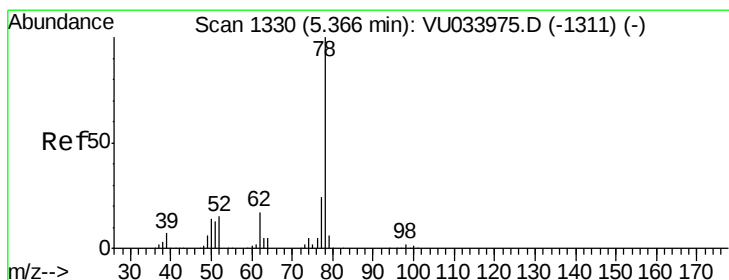
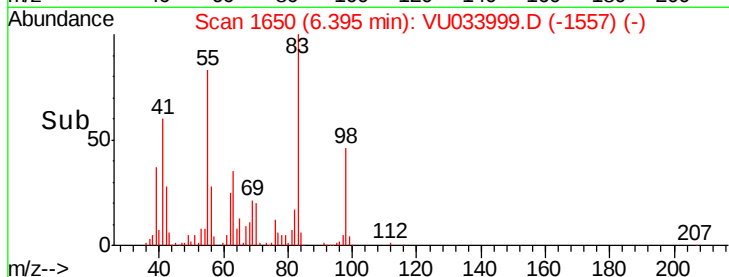
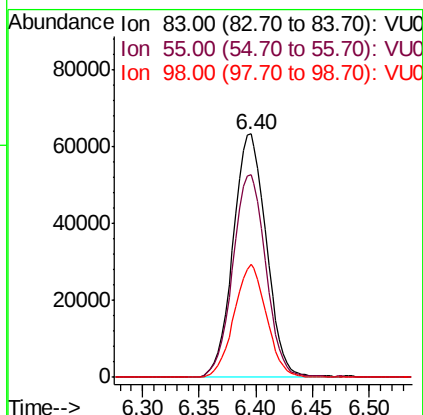
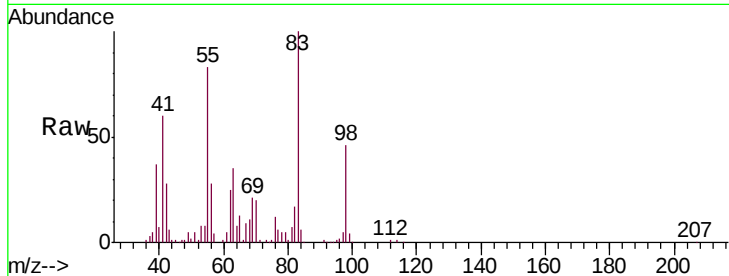




#39  
Methylcyclohexane  
Concen: 18.767 ug/l  
RT: 6.40 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

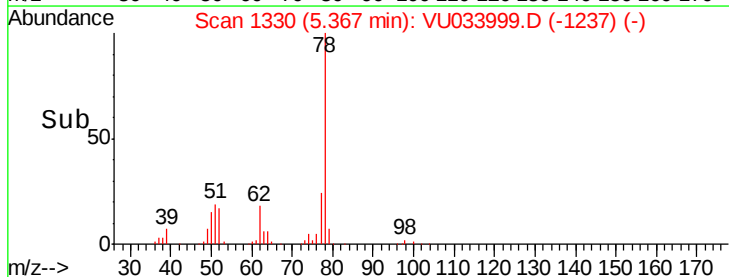
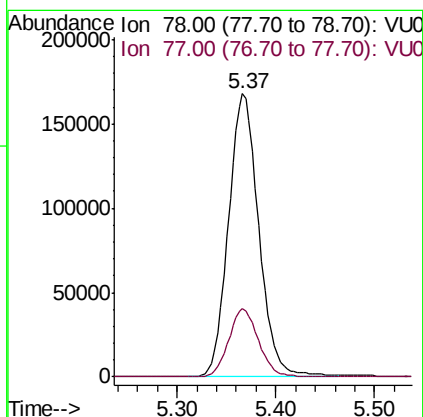
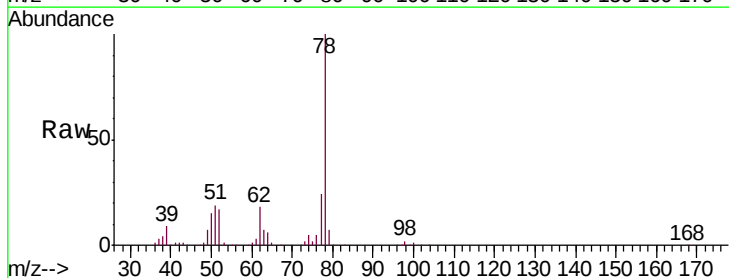
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

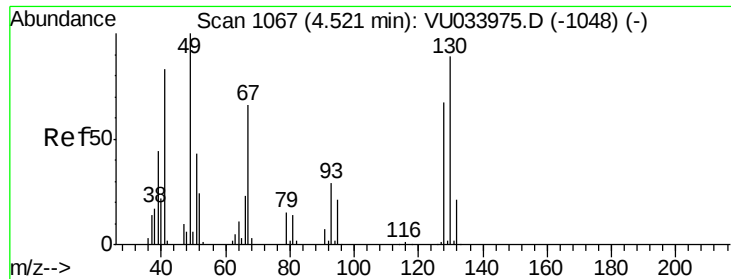
Tgt Ion: 83 Resp: 129776  
Ion Ratio Lower Upper  
83 100  
55 83.0 60.8 91.2  
98 46.2 36.5 54.7



#40  
Benzene  
Concen: 20.720 ug/l  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion: 78 Resp: 360032  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.2 28.8

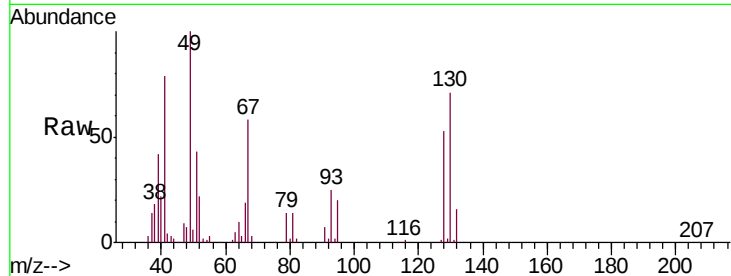




#41  
Methacrylonitrile  
Concen: 23.640 ug/l  
RT: 4.52 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 71804 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.8  | 41.5  | 62.3  |
| 67       | 75.7  | 65.0  | 97.6  |
| 52       | 30.4  | 23.3  | 34.9  |



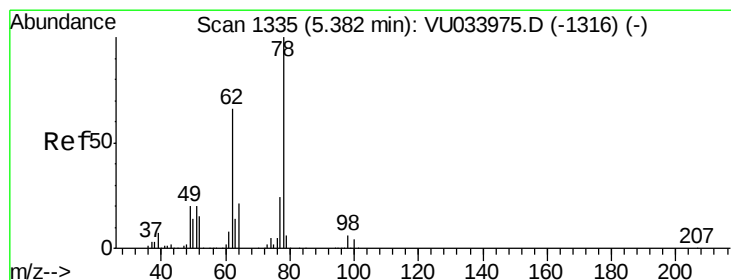
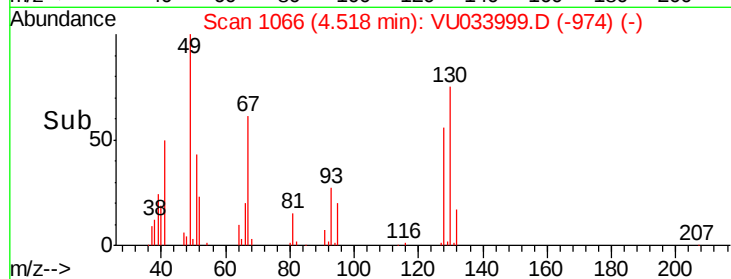
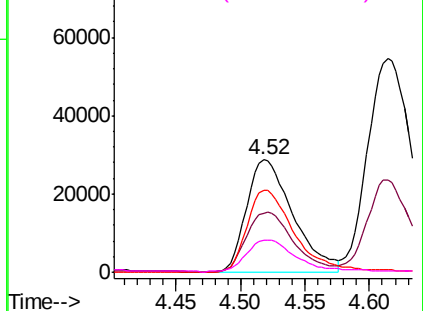
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

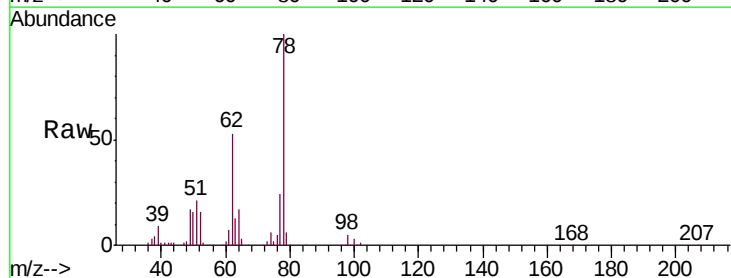
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42  
1,2-Dichloroethane  
Concen: 22.418 ug/l  
RT: 5.38 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

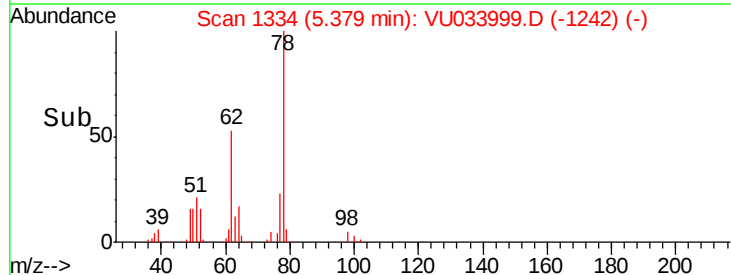
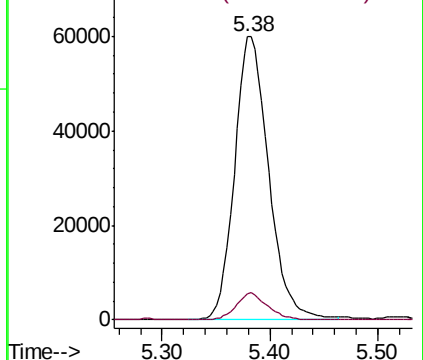
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 131725 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 20.0   |

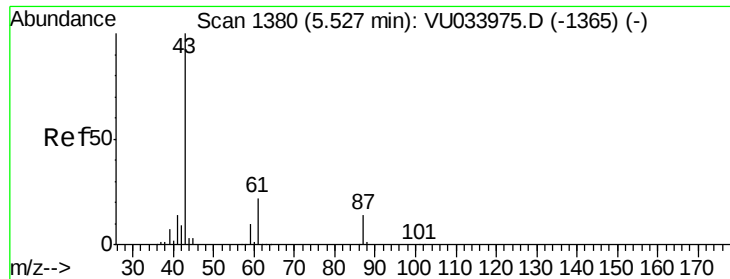


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 23.293 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

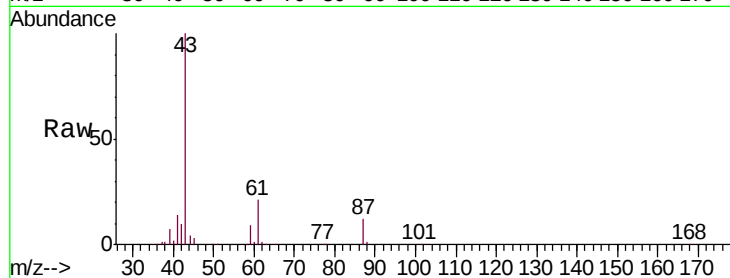
Tgt Ion: 43 Resp: 209351

Ion Ratio Lower Upper

43 100

61 20.5 17.8 26.8

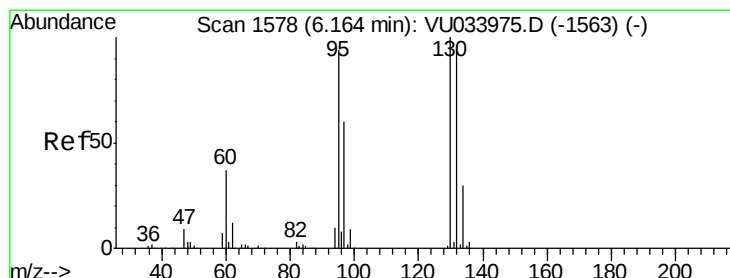
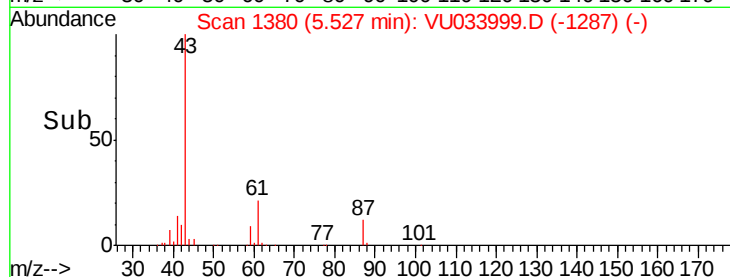
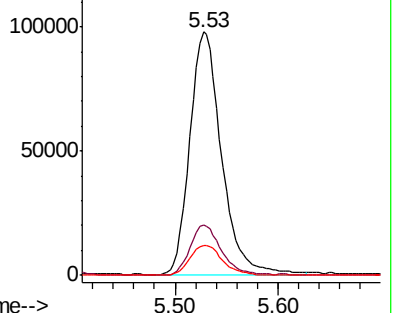
87 12.8 11.9 17.9



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: 18.215 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033999.D

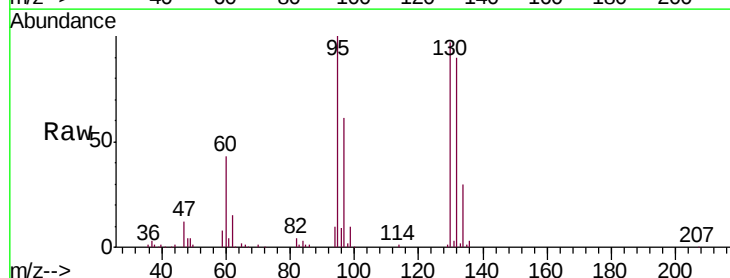
Acq: 28 Aug 2019 03:03

Tgt Ion: 130 Resp: 90246

Ion Ratio Lower Upper

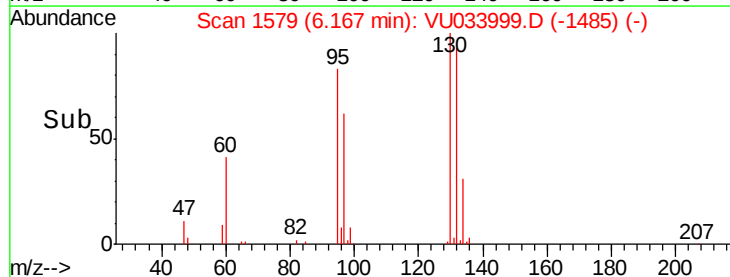
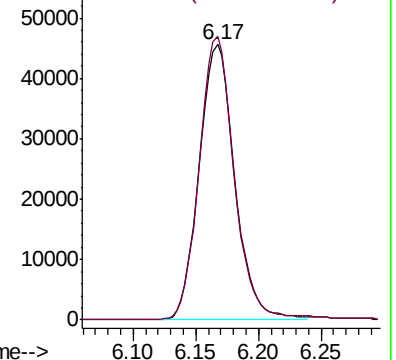
130 100

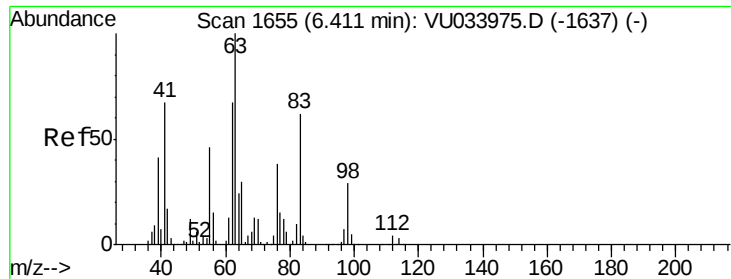
95 102.8 0.0 187.6



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

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

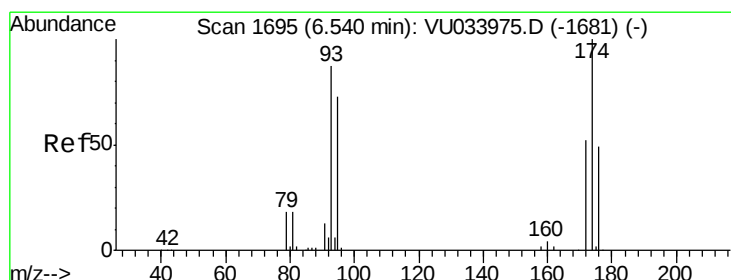
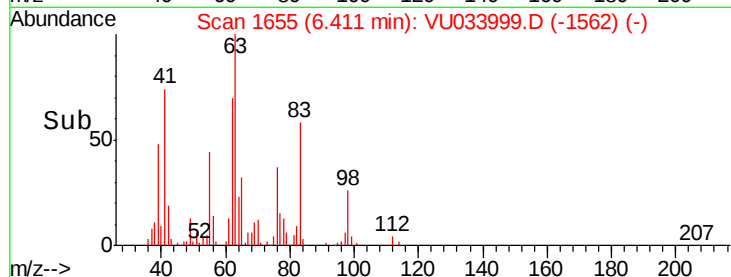
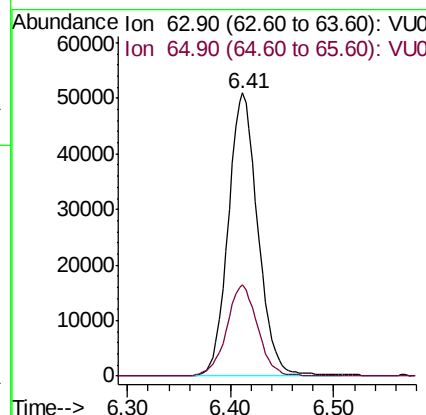
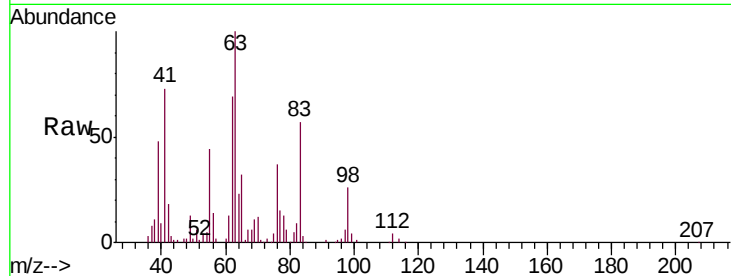




#45  
 1,2-Dichloropropane  
 Concen: 21.940 ug/l  
 RT: 6.41 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

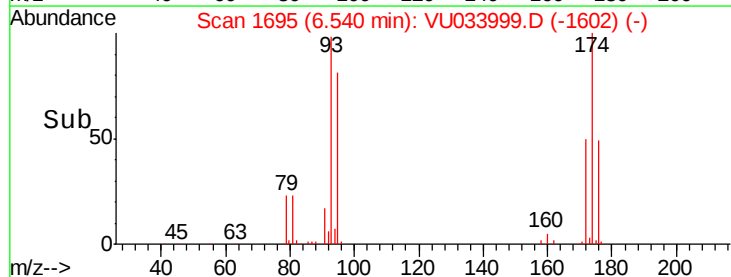
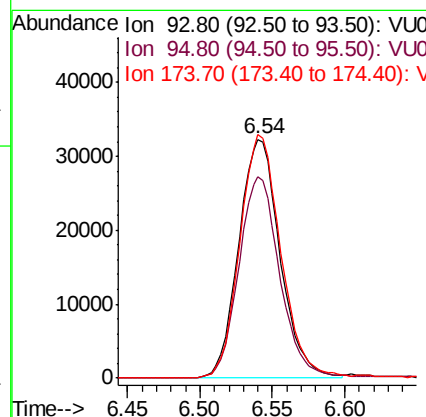
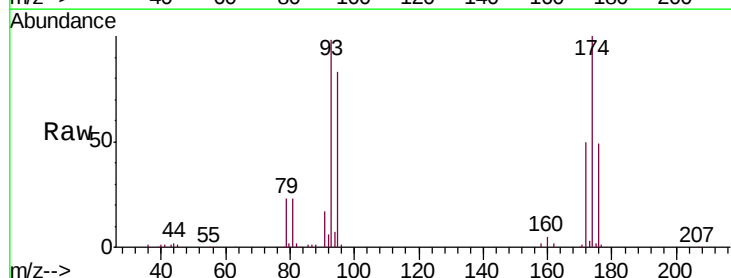
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

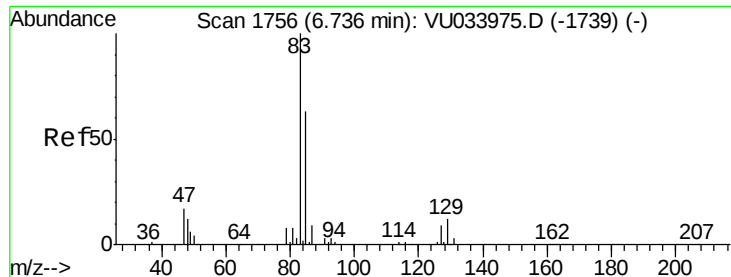
Tgt Ion: 63 Resp: 101991  
 Ion Ratio Lower Upper  
 63 100  
 65 31.9 24.3 36.5



#46  
 Dibromomethane  
 Concen: 20.233 ug/l  
 RT: 6.54 min Scan# 1695  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 93 Resp: 63965  
 Ion Ratio Lower Upper  
 93 100  
 95 84.2 66.2 99.4  
 174 101.2 92.2 138.2

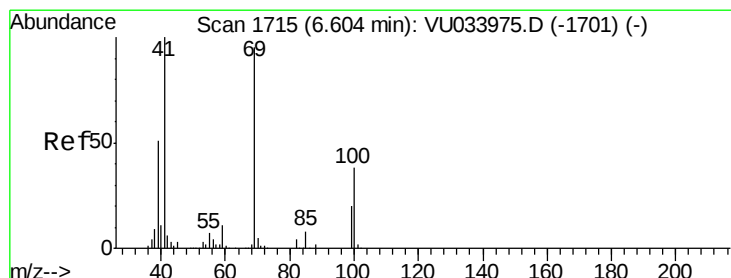
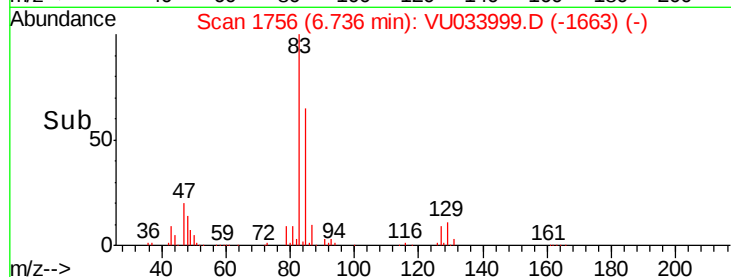
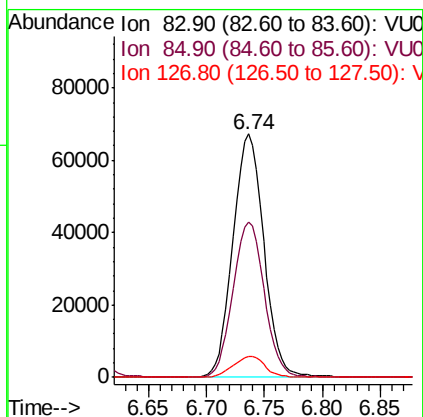
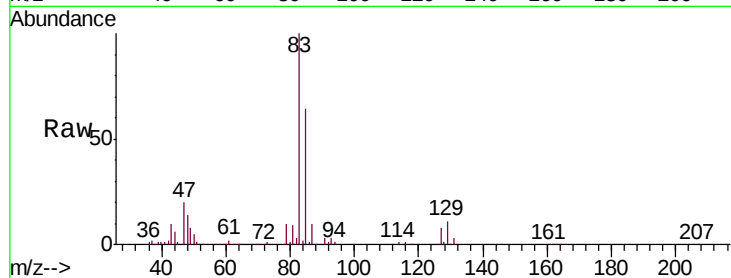




#47  
 Bromodichloromethane  
 Concen: 20.677 ug/l  
 RT: 6.74 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

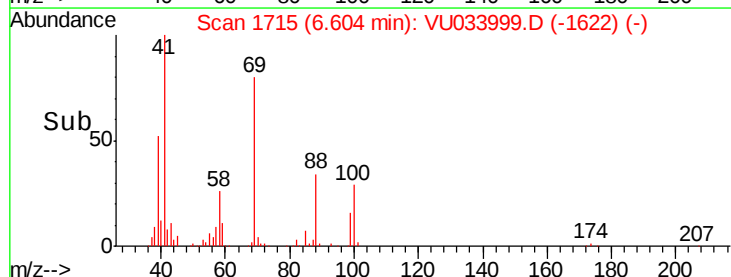
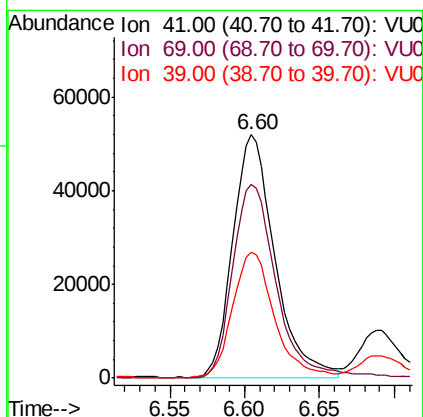
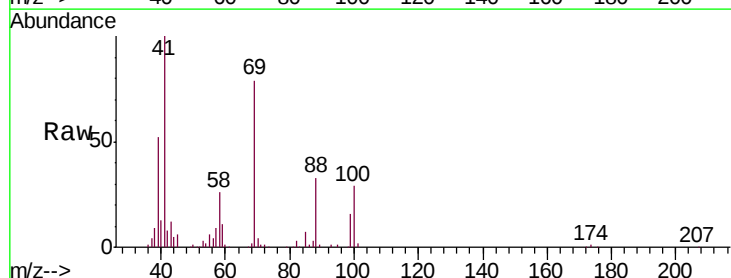
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

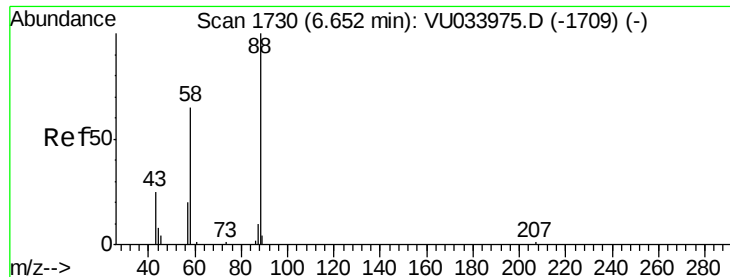
Tgt Ion: 83 Resp: 124505  
 Ion Ratio Lower Upper  
 83 100  
 85 63.8 50.6 76.0  
 127 8.4 7.4 11.0



#48  
 Methyl methacrylate  
 Concen: 23.604 ug/l  
 RT: 6.60 min Scan# 1715  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 41 Resp: 100866  
 Ion Ratio Lower Upper  
 41 100  
 69 83.9 76.3 114.5  
 39 52.4 41.1 61.7





#49

1,4-Dioxane

Concen: 398.731 ug/l

RT: 6.59 min Scan# 1712

Delta R.T. -0.06 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

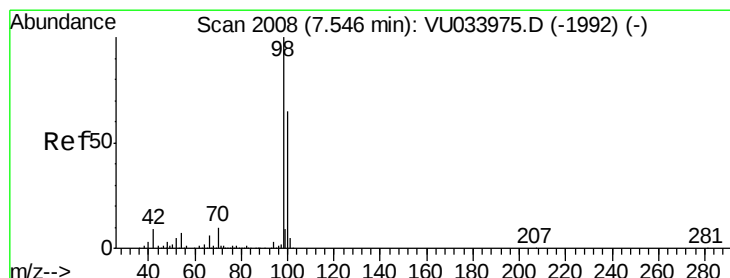
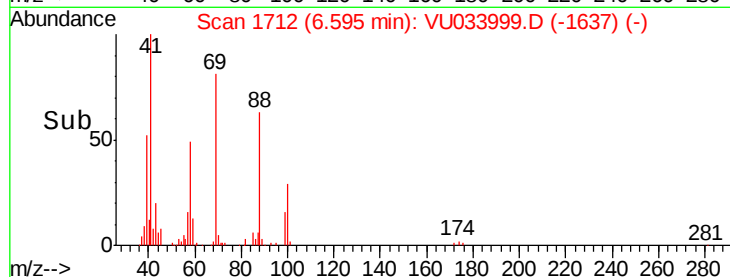
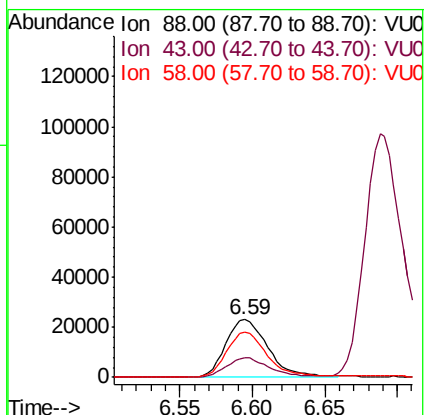
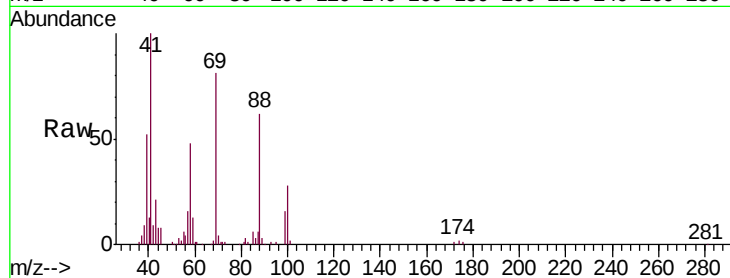
Tgt Ion: 88 Resp: 46761

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 76.8 56.6 85.0



#50

Toluene-d8

Concen: 54.139 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033999.D

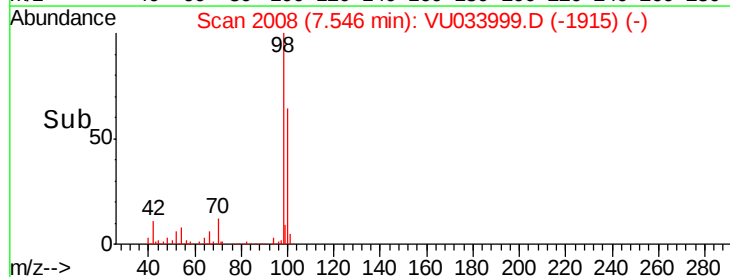
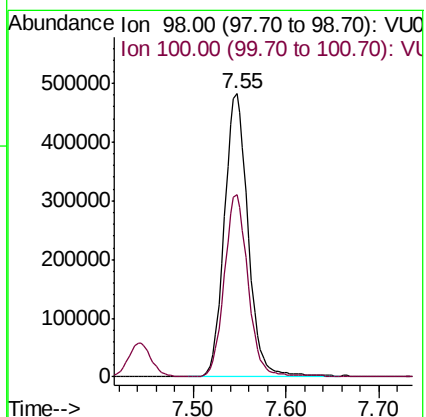
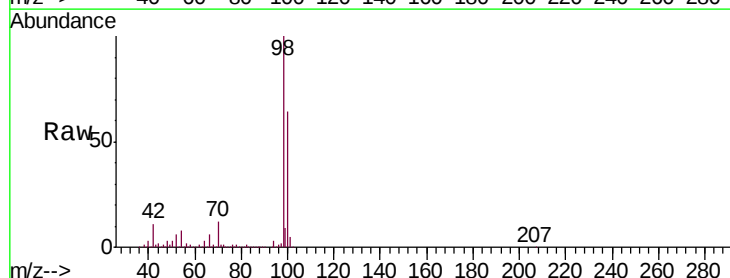
Acq: 28 Aug 2019 03:03

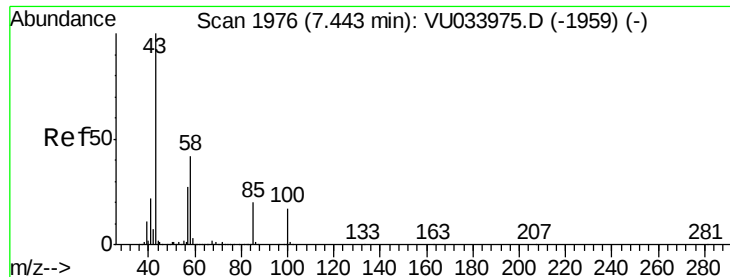
Tgt Ion: 98 Resp: 856475

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

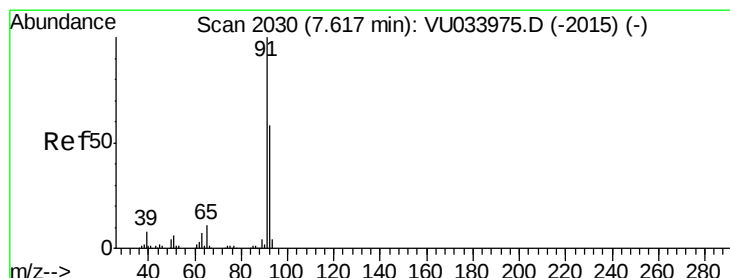
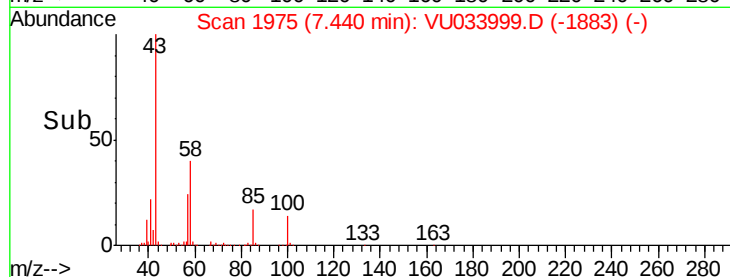
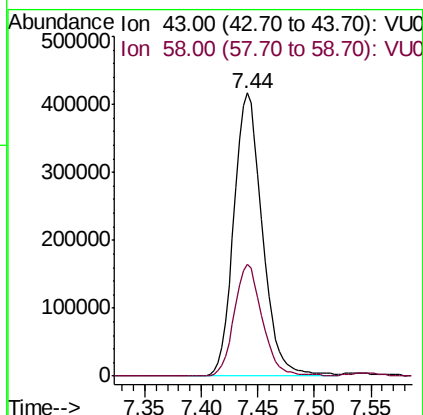
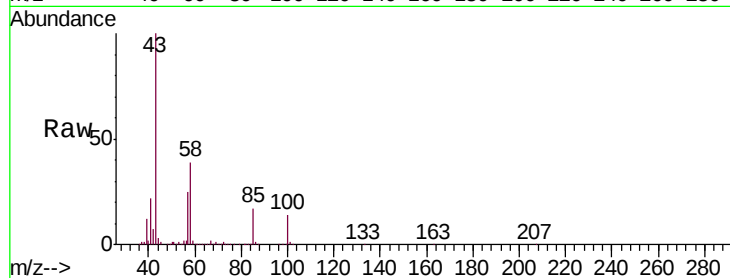




#51  
 4-Methyl-2-Pentanone  
 Concen: 118.197 ug/l  
 RT: 7.44 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

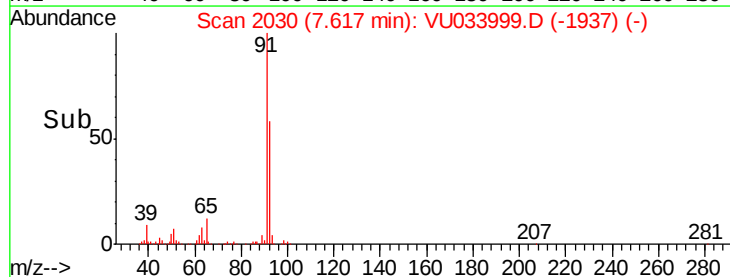
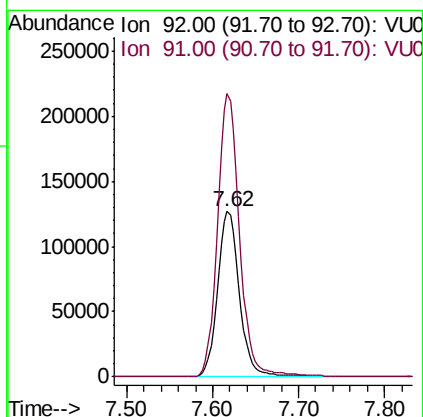
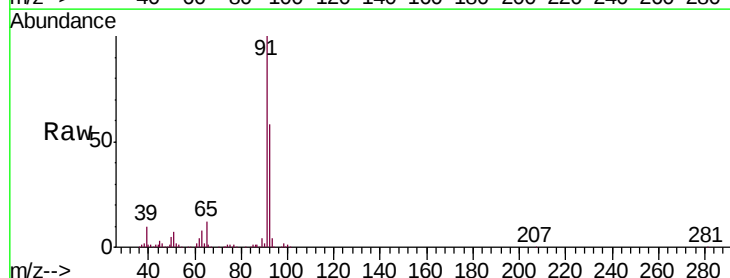
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

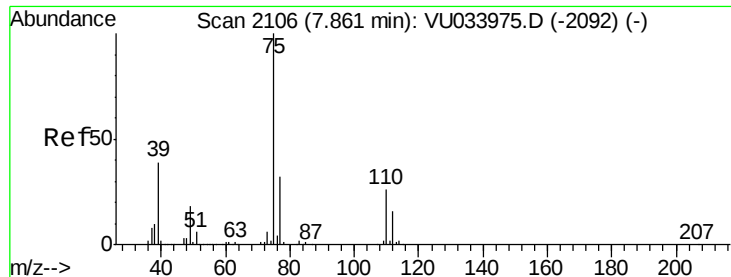
Tgt Ion: 43 Resp: 732441  
 Ion Ratio Lower Upper  
 43 100  
 58 38.9 33.6 50.4



#52  
 Toluene  
 Concen: 20.609 ug/l  
 RT: 7.62 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 92 Resp: 225798  
 Ion Ratio Lower Upper  
 92 100  
 91 172.0 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 19.446 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

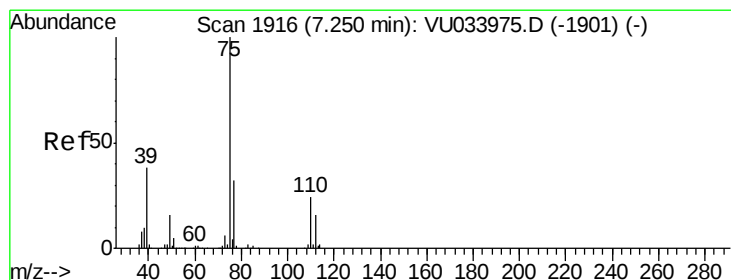
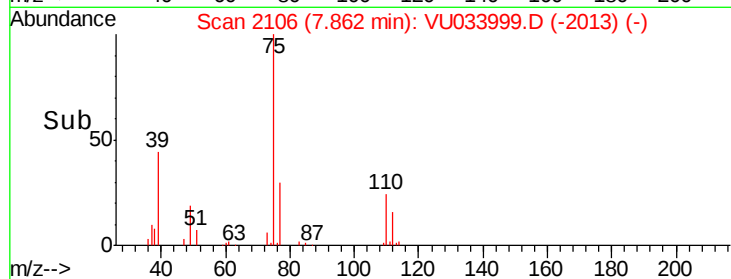
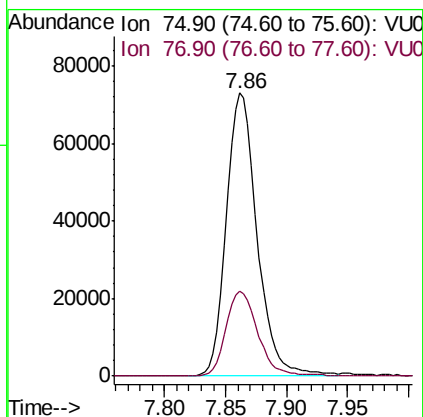
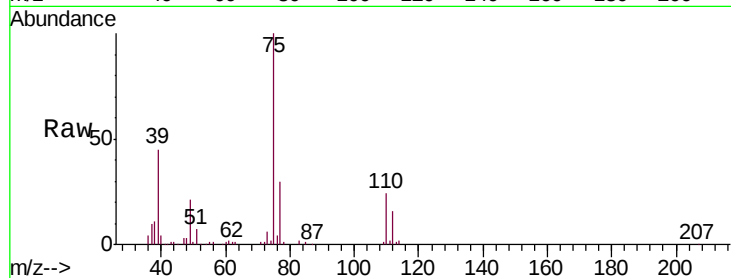
VU0828WBSD02

Tgt Ion: 75 Resp: 129486

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.228 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

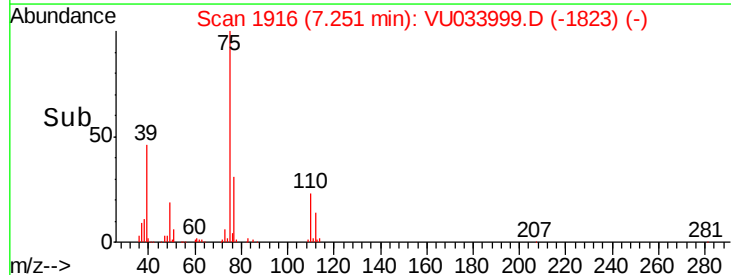
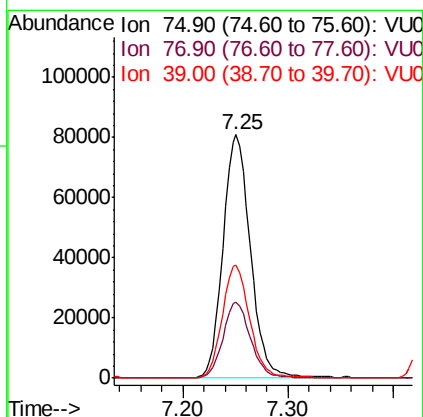
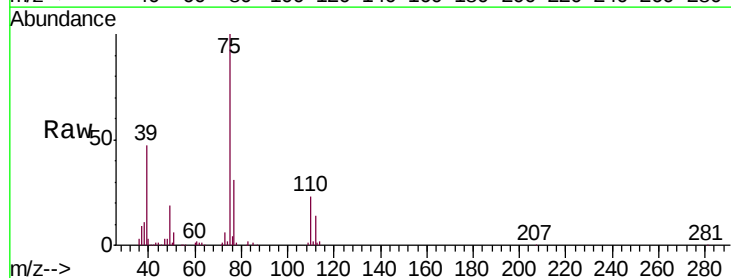
Tgt Ion: 75 Resp: 145607

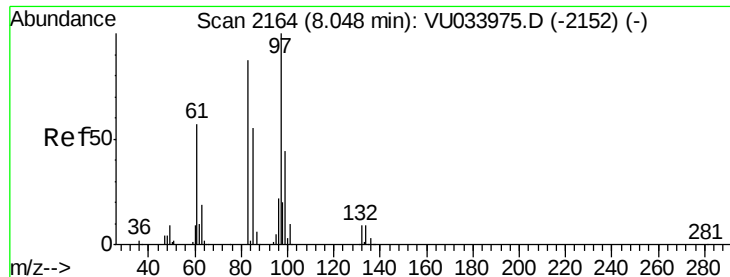
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 46.4 30.7 46.1#





#55

1,1,2-Trichloroethane

Concen: 17.433 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

Tgt Ion: 97 Resp: 80706

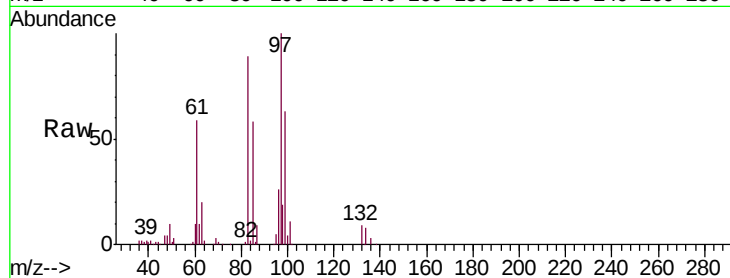
Ion Ratio Lower Upper

97 100

83 89.3 69.8 104.6

85 58.2 45.2 67.8

99 62.8 52.2 78.4

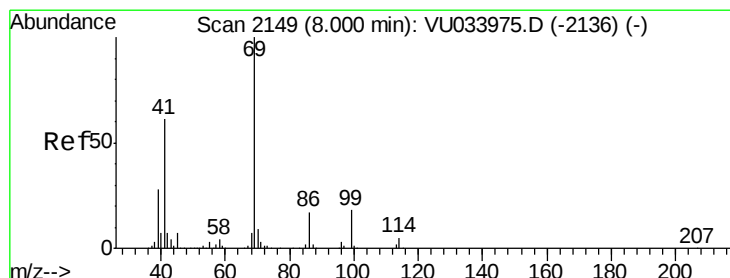
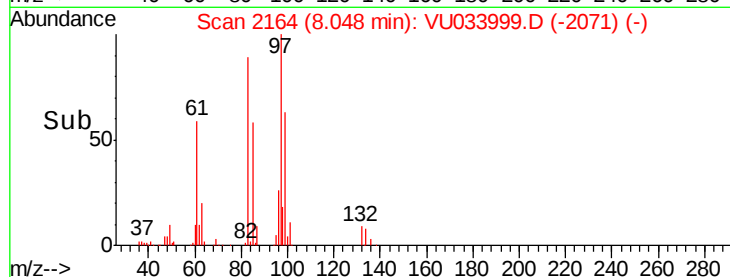
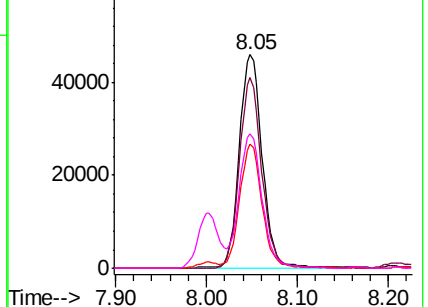


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 17.540 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

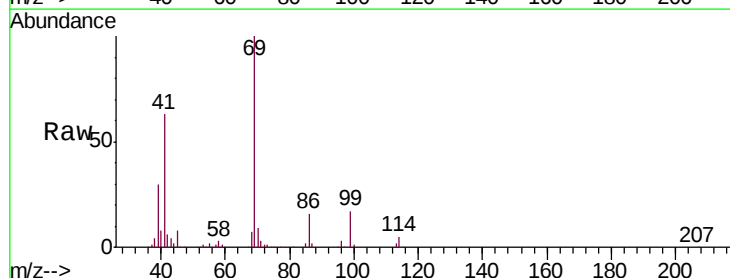
Tgt Ion: 69 Resp: 115470

Ion Ratio Lower Upper

69 100

41 62.4 48.6 72.8

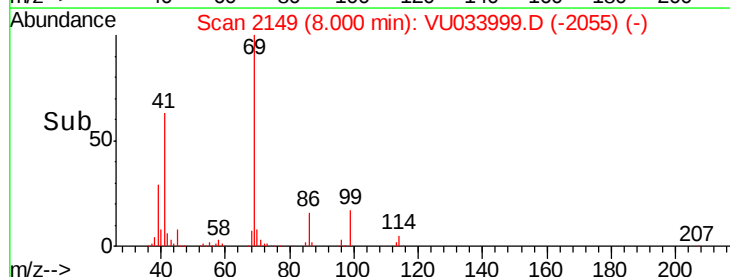
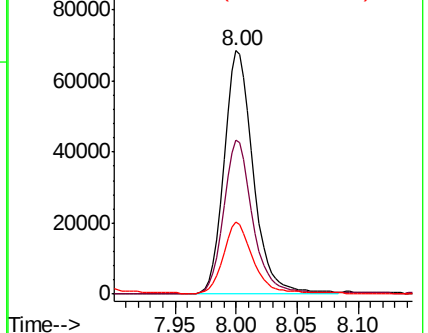
39 29.4 22.4 33.6

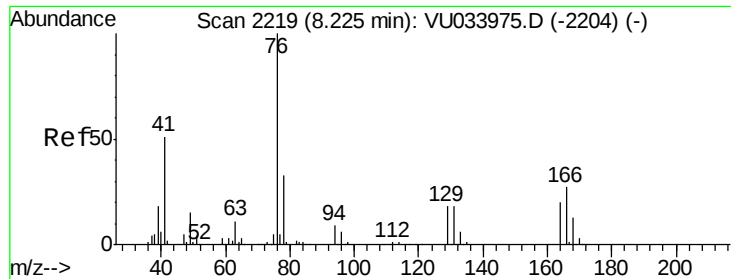


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

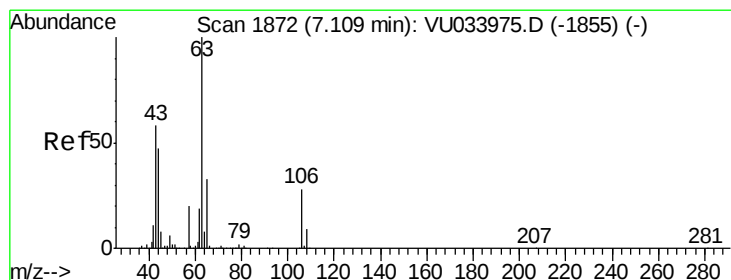
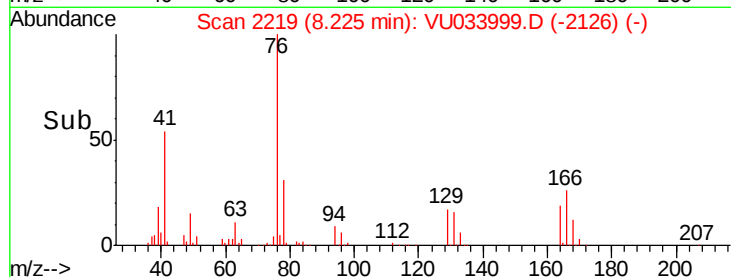
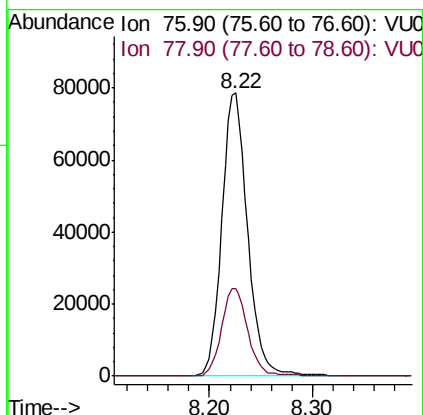
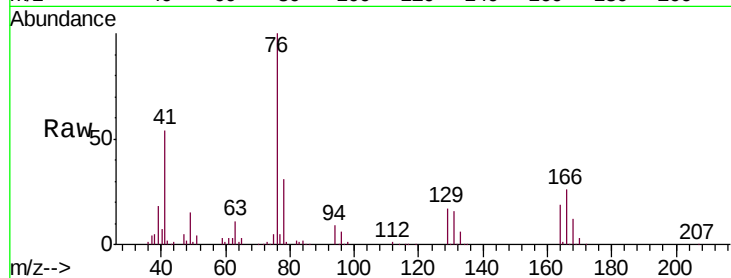




#57  
 1,3-Dichloropropane  
 Concen: 18.105 ug/l  
 RT: 8.22 min Scan# 2219  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

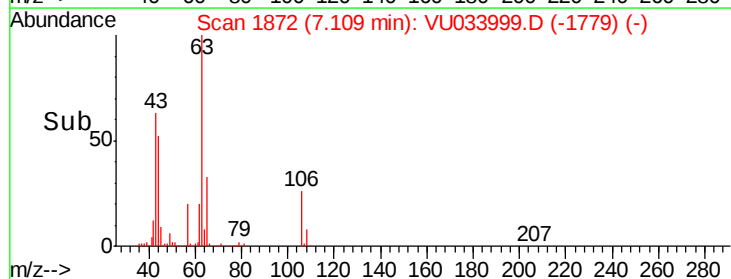
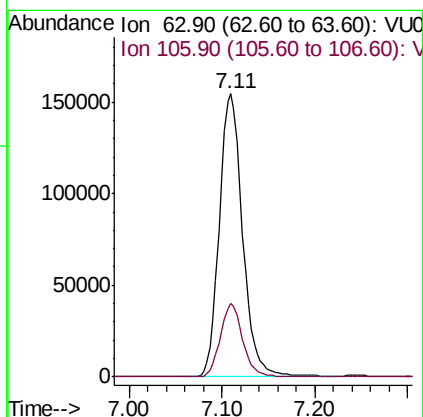
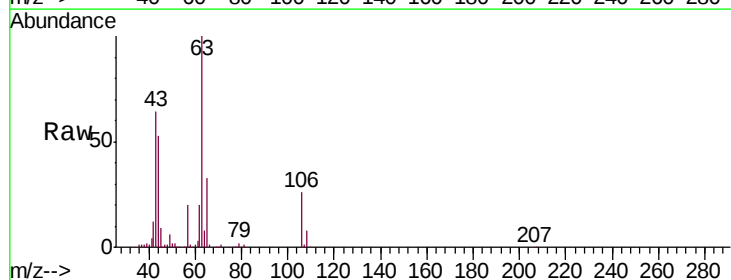
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

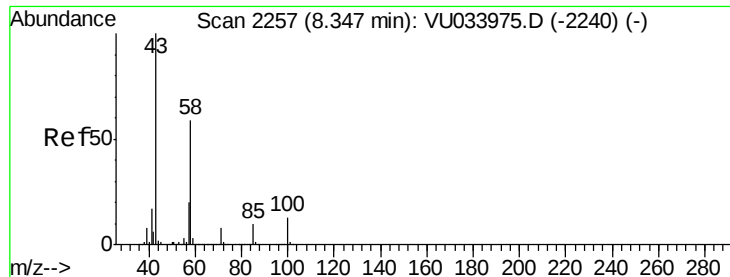
Tgt Ion: 76 Resp: 136597  
 Ion Ratio Lower Upper  
 76 100  
 78 31.6 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 109.231 ug/l  
 RT: 7.11 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 63 Resp: 269985  
 Ion Ratio Lower Upper  
 63 100  
 106 24.8 22.4 33.6

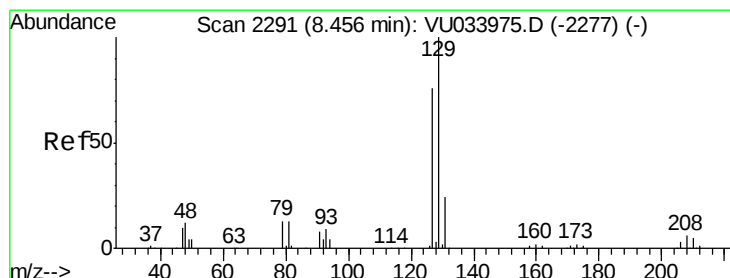
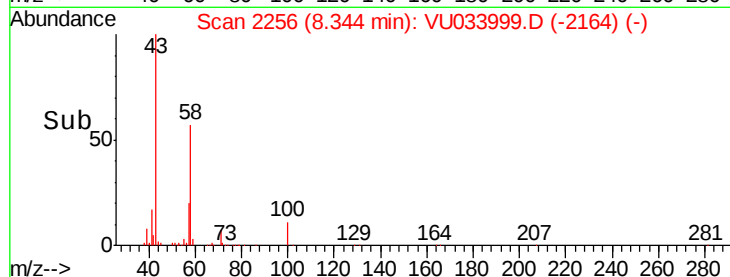
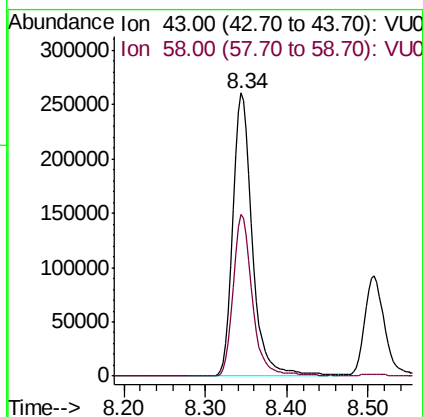
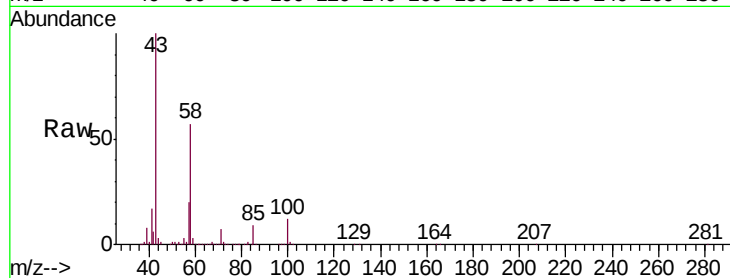




#59  
2-Hexanone  
Concen: 92.187 ug/l  
RT: 8.34 min Scan# 2256  
Delta R.T. -0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

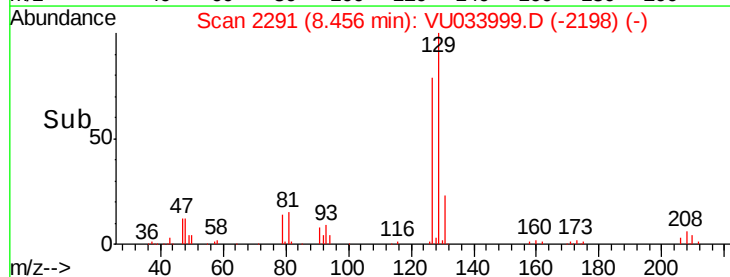
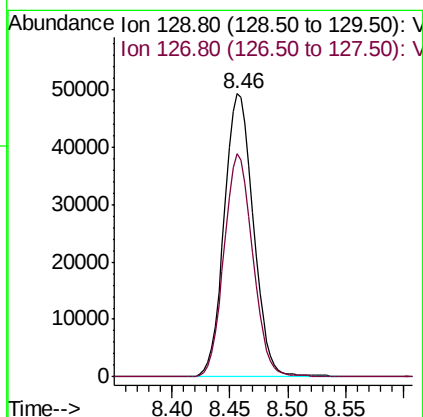
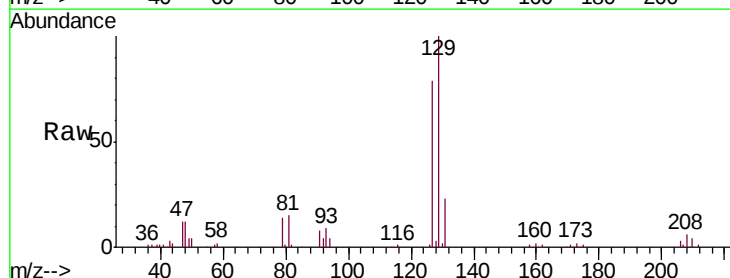
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

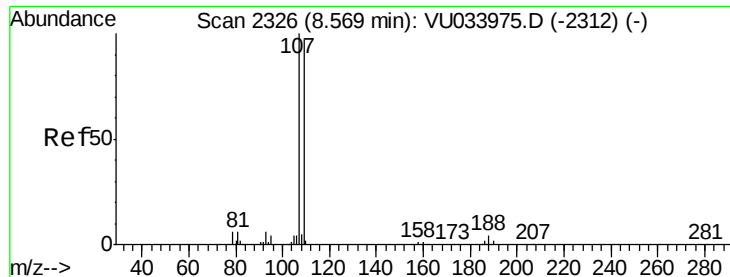
Tgt Ion: 43 Resp: 439095  
Ion Ratio Lower Upper  
43 100  
58 56.3 29.5 88.6



#60  
Dibromochloromethane  
Concen: 16.473 ug/l  
RT: 8.46 min Scan# 2291  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion: 129 Resp: 85760  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 16.901 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

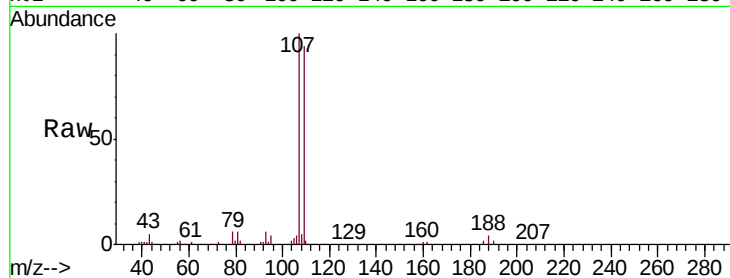
VU0828WBSD02

Tgt Ion: 107 Resp: 82632

Ion Ratio Lower Upper

107 100

109 94.5 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

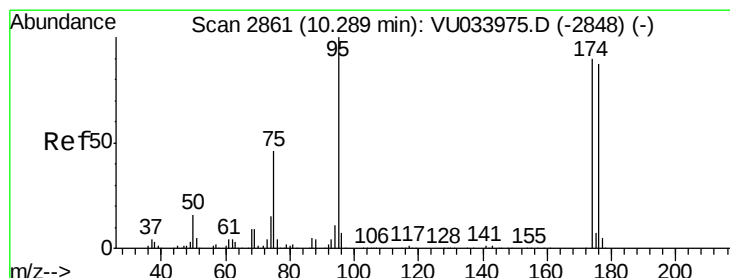
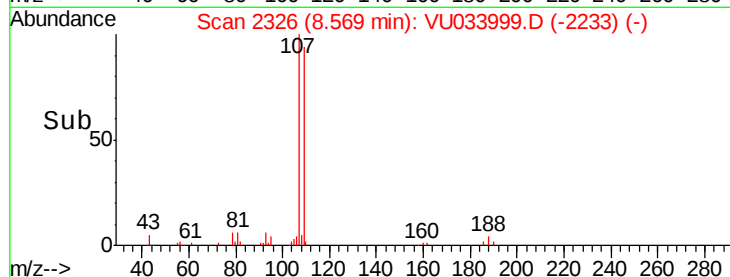
20000

10000

0

8.50 8.55 8.60 8.65

Time-->



#62

4-Bromofluorobenzene

Concen: 50.618 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

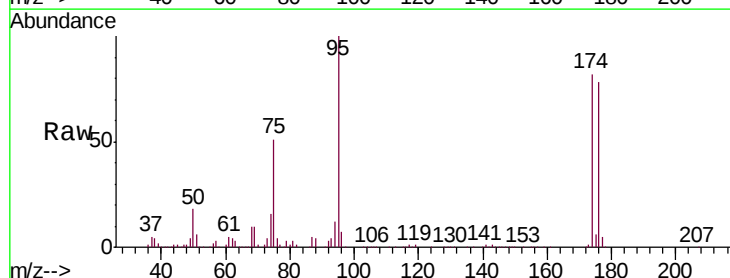
Tgt Ion: 95 Resp: 307175

Ion Ratio Lower Upper

95 100

174 81.8 0.0 183.8

176 78.6 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

250000

200000

150000

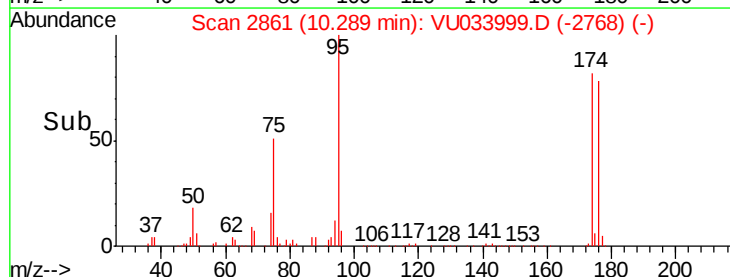
100000

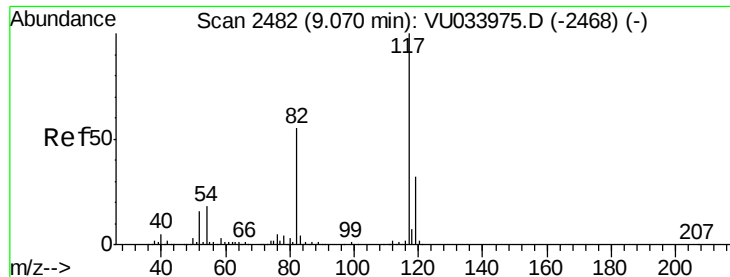
50000

0

10.20 10.30 10.40

Time-->

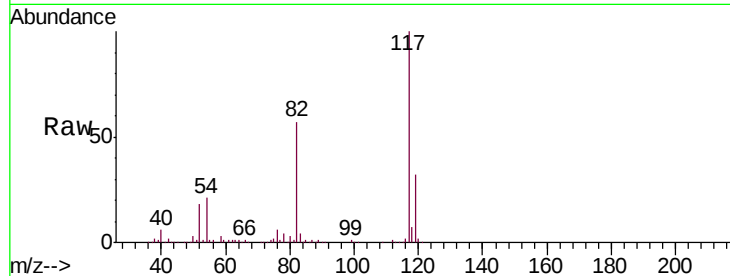




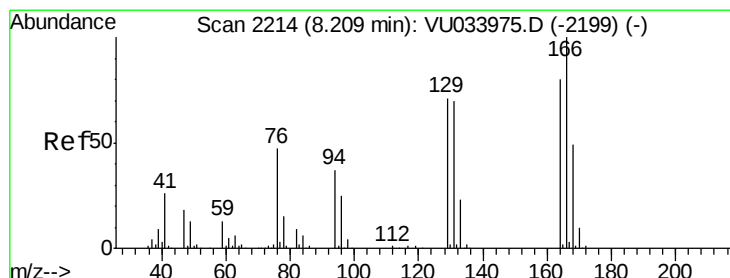
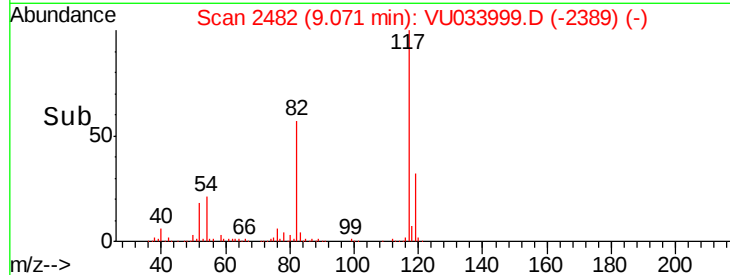
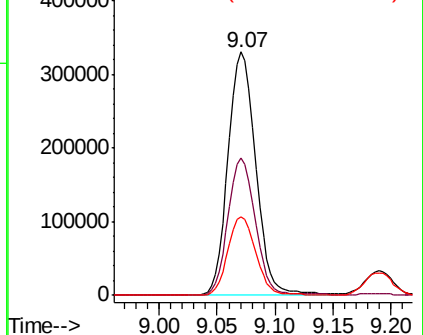
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2482  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

Tgt Ion:117 Resp: 551771  
Ion Ratio Lower Upper  
117 100  
82 56.6 43.8 65.8  
119 32.4 25.7 38.5

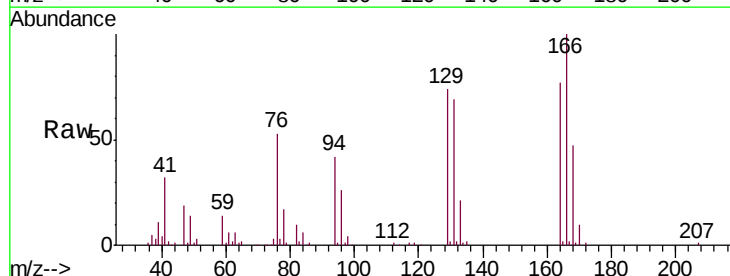


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

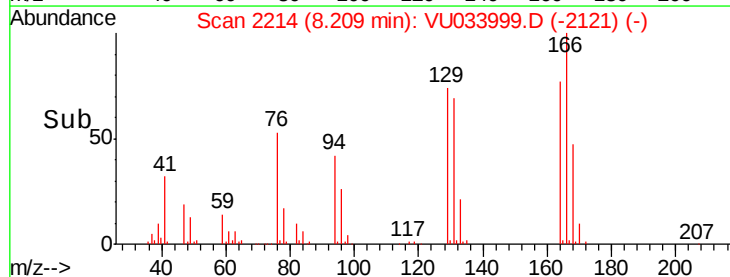
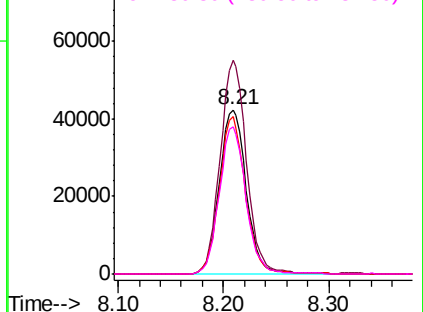


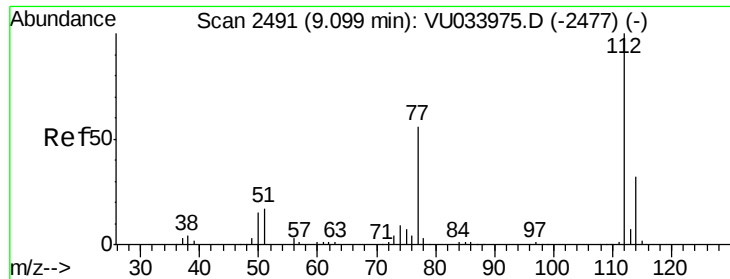
#64  
Tetrachloroethene  
Concen: 16.914 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion:164 Resp: 75039  
Ion Ratio Lower Upper  
164 100  
166 130.1 99.5 149.3  
129 95.7 70.9 106.3  
131 89.8 69.4 104.2



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

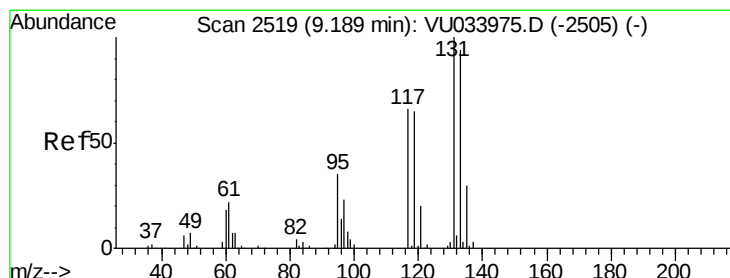
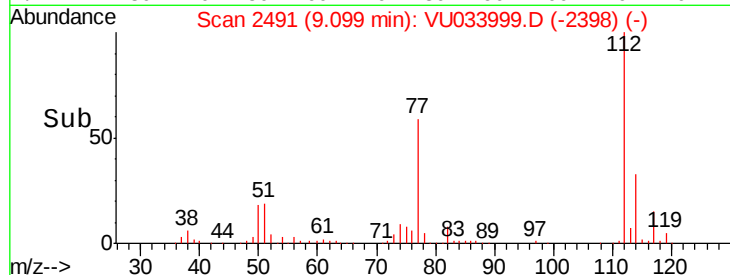
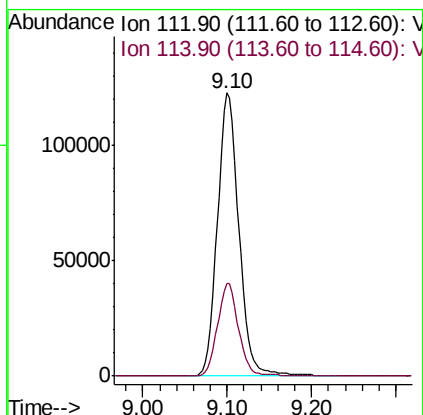
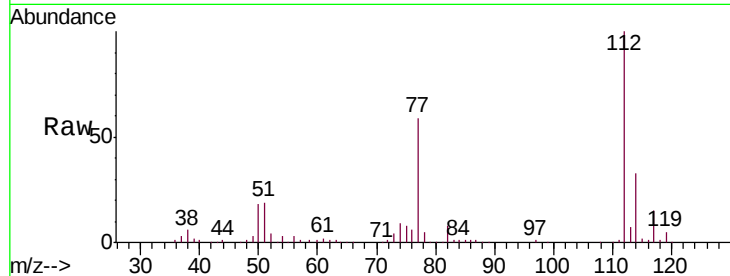




#65  
Chlorobenzene  
Concen: 19.099 ug/l  
RT: 9.10 min Scan# 2491  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

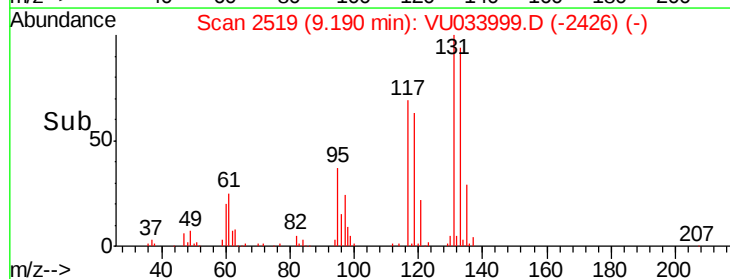
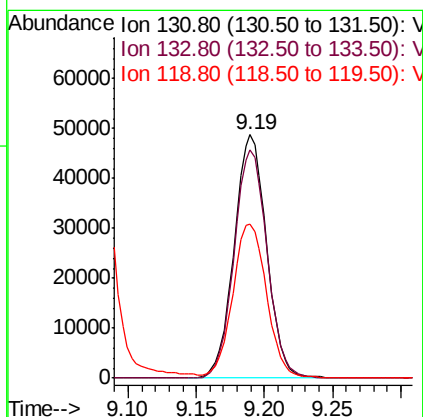
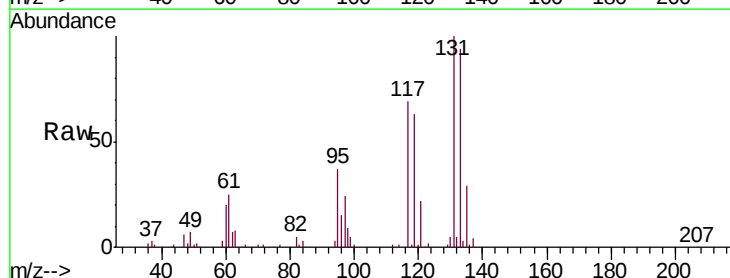
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

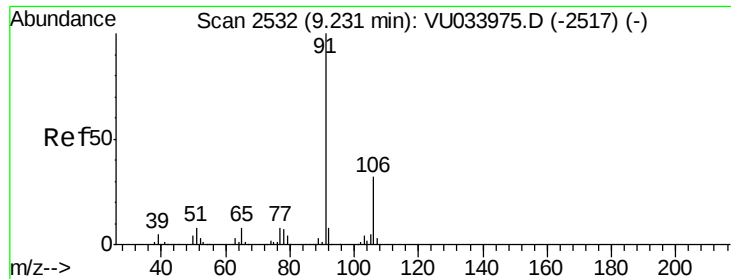
Tgt Ion:112 Resp: 216996  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.021 ug/l  
RT: 9.19 min Scan# 2519  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion:131 Resp: 80575  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.6 142.9  
119 65.7 33.0 98.9

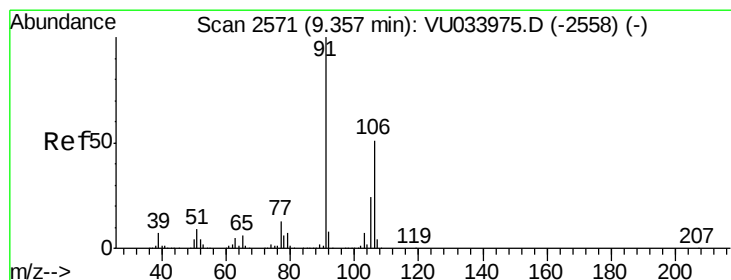
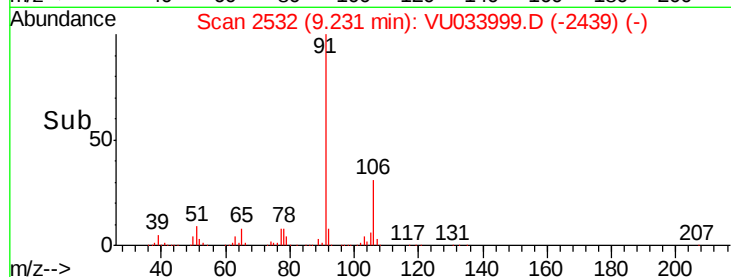
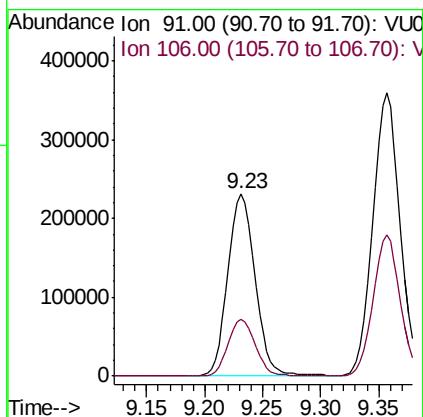
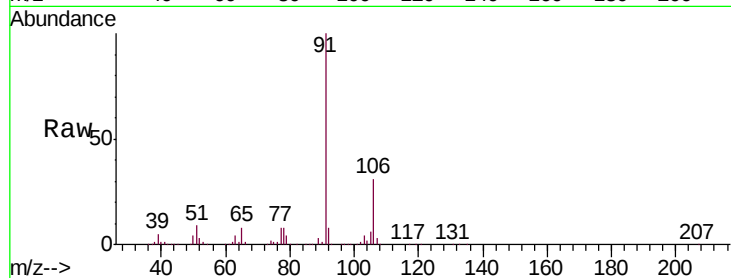




#67  
 Ethyl Benzene  
 Concen: 19.937 ug/l  
 RT: 9.23 min Scan# 2532  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

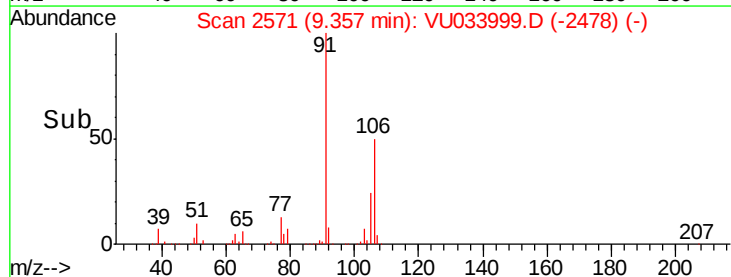
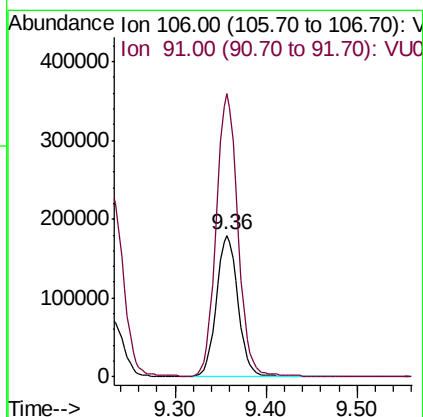
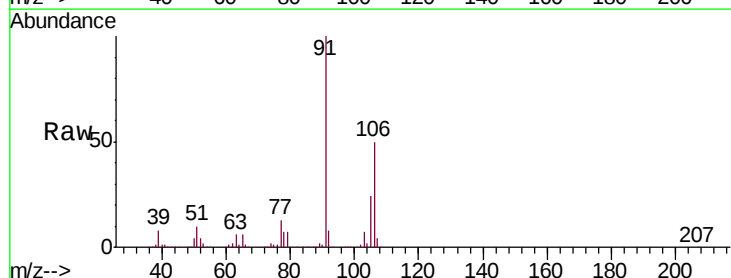
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

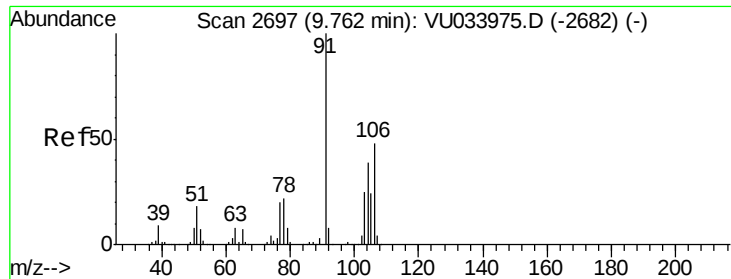
Tgt Ion: 91 Resp: 377695  
 Ion Ratio Lower Upper  
 91 100  
 106 31.0 25.4 38.0



#68  
 m/p-Xylenes  
 Concen: 40.477 ug/l  
 RT: 9.36 min Scan# 2571  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 106 Resp: 295726  
 Ion Ratio Lower Upper  
 106 100  
 91 201.1 158.4 237.6

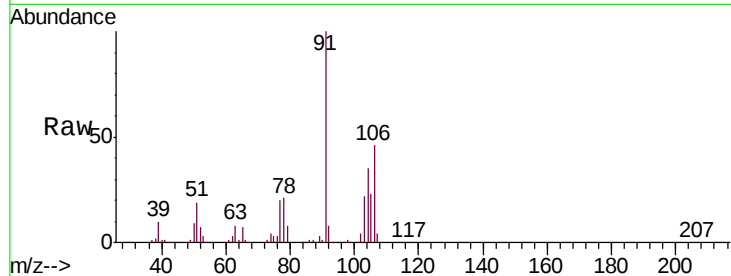




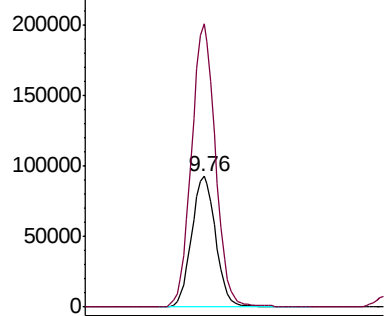
#69  
o-Xylene  
Concen: 21.053 ug/l  
RT: 9.76 min Scan# 2697  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

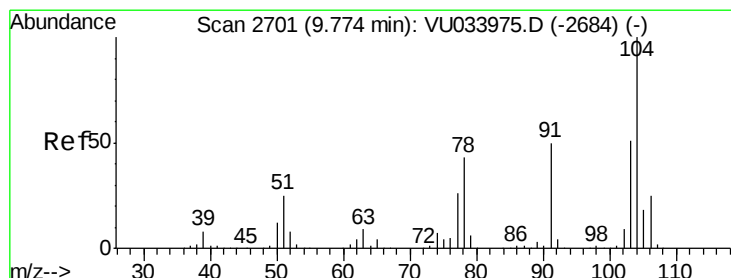
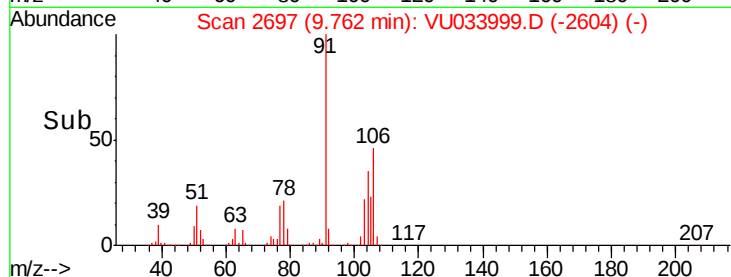
Tgt Ion:106 Resp: 147055  
Ion Ratio Lower Upper  
106 100  
91 215.5 104.5 313.3



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

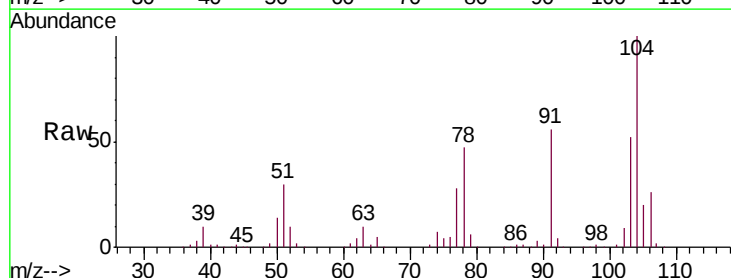


Time-->

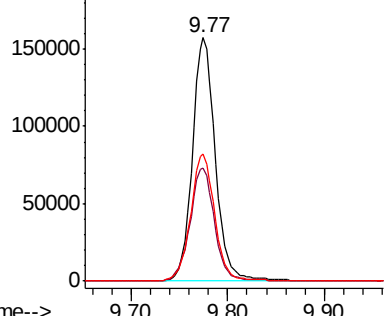


#70  
Styrene  
Concen: 21.633 ug/l  
RT: 9.77 min Scan# 2701  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

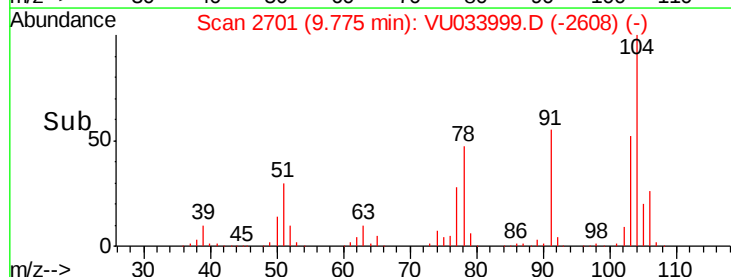
Tgt Ion:104 Resp: 258613  
Ion Ratio Lower Upper  
104 100  
78 50.0 37.5 56.3  
103 55.0 43.9 65.9

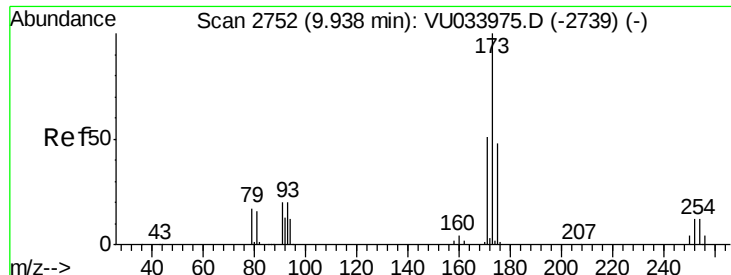


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VU0  
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 19.309 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

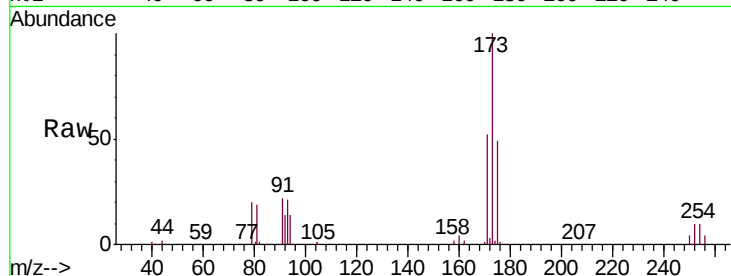
Tgt Ion:173 Resp: 72408

Ion Ratio Lower Upper

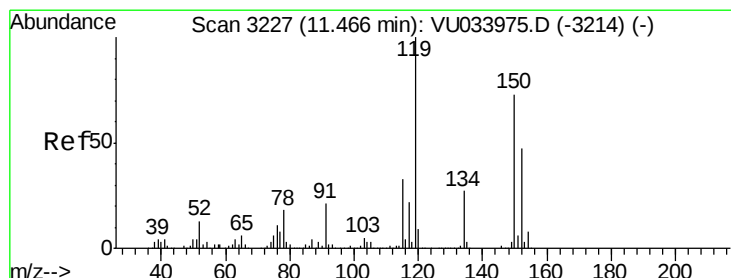
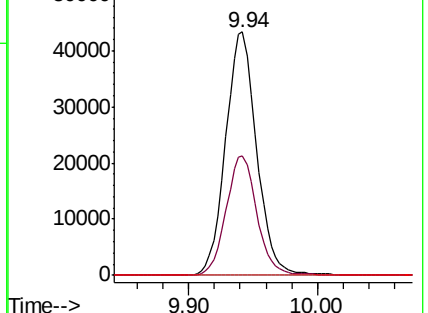
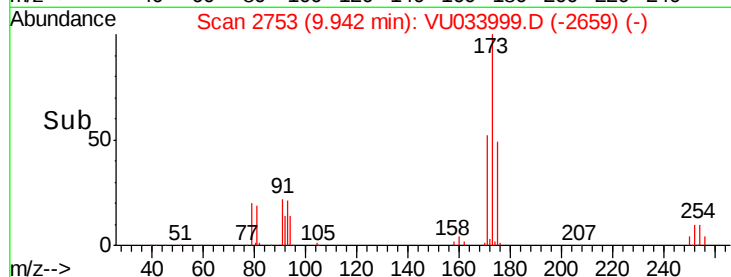
173 100

175 48.6 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: VU033999.D

Acq: 28 Aug 2019 03:03

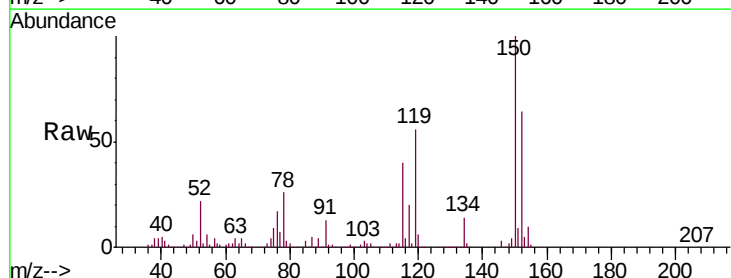
Tgt Ion:152 Resp: 306883

Ion Ratio Lower Upper

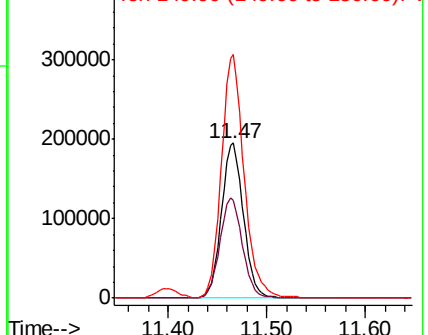
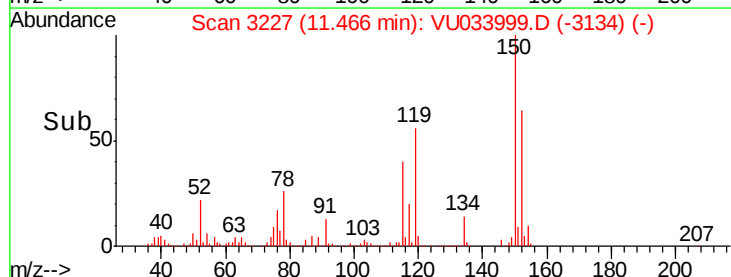
152 100

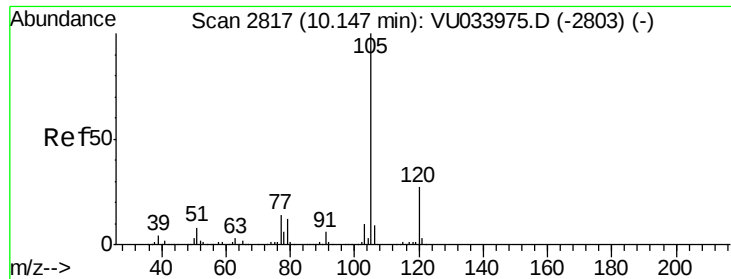
115 66.4 38.6 115.7

150 161.0 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: 20.462 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

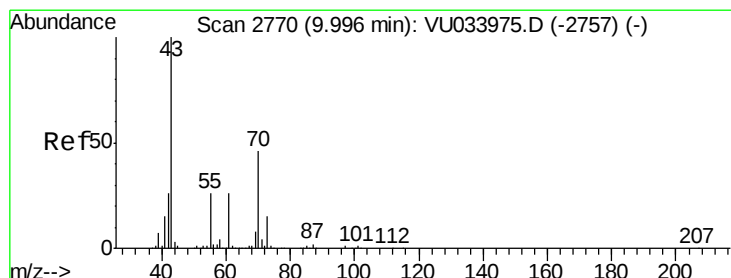
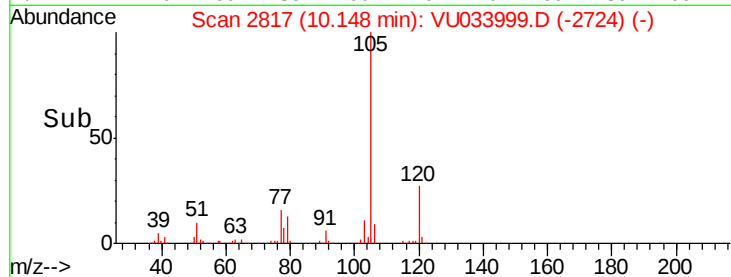
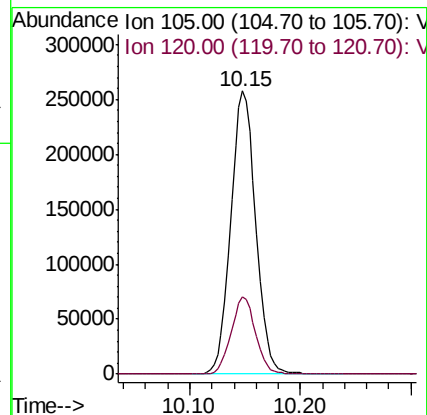
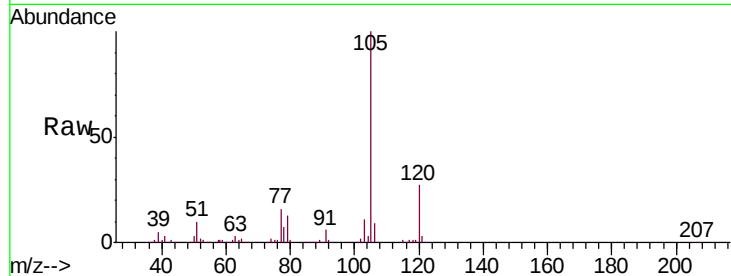
VU0828WBSD02

Tgt Ion: 105 Resp: 404149

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 24.599 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Tgt Ion: 43 Resp: 182378

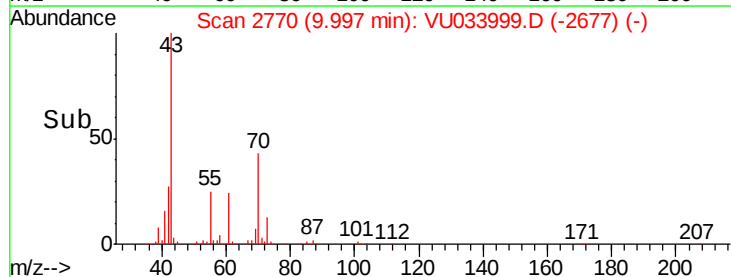
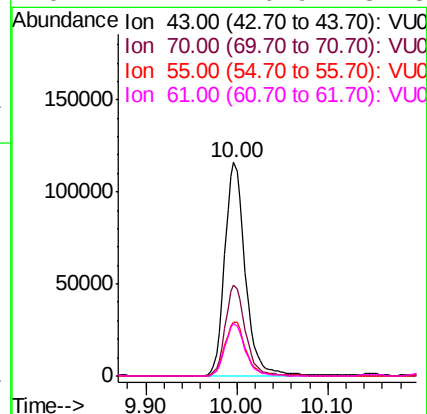
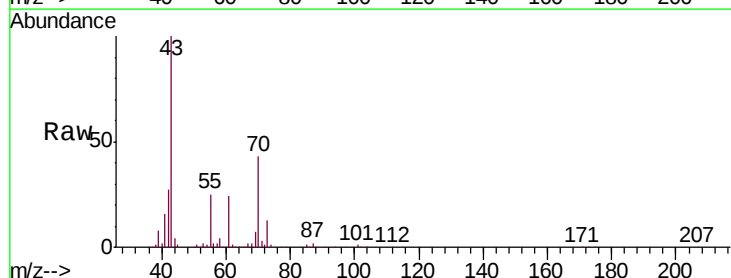
Ion Ratio Lower Upper

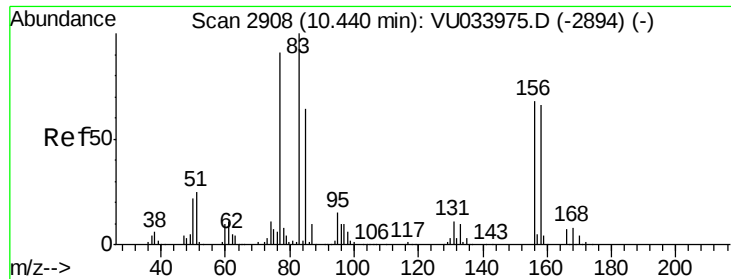
43 100

70 41.6 37.4 56.0

55 25.8 21.0 31.4

61 24.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.015 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

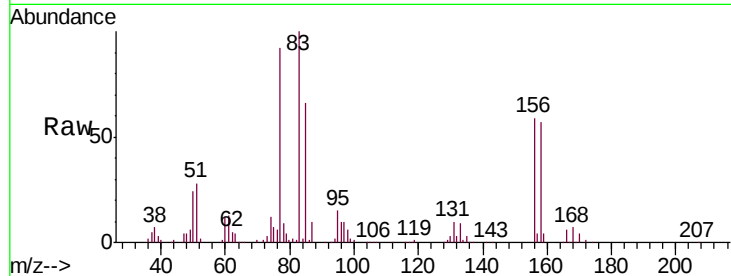
Tgt Ion: 83 Resp: 156605

Ion Ratio Lower Upper

83 100

131 9.8 5.3 16.1

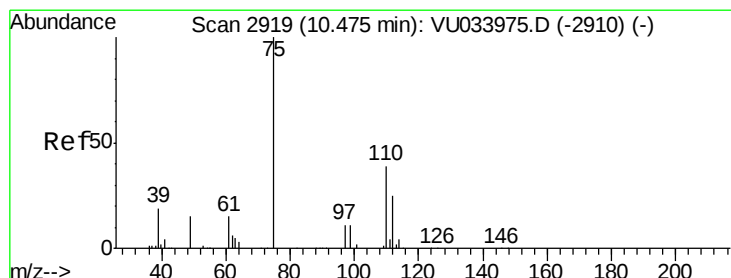
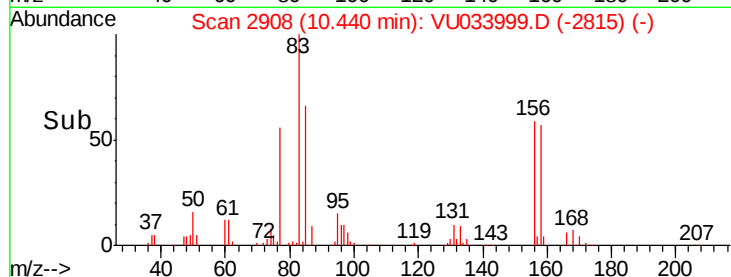
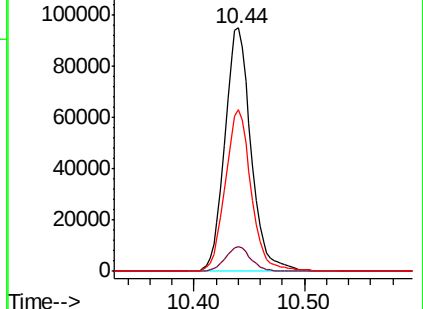
85 65.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU033999.D (-2815) (-)

Ion 130.80 (130.50 to 131.50): VU033999.D (-2815) (-)

Ion 84.90 (84.60 to 85.60): VU033999.D (-2815) (-)



#76

1,2,3-Trichloropropane

Concen: 28.189 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033999.D

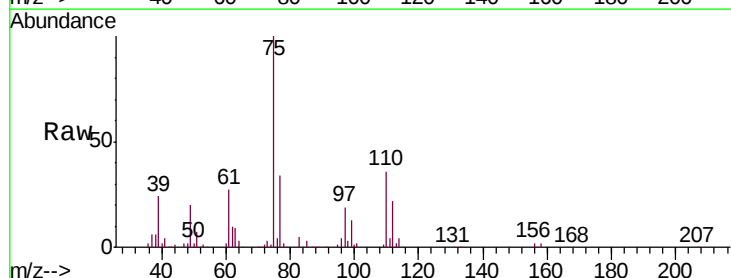
Acq: 28 Aug 2019 03:03

Tgt Ion: 75 Resp: 172364

Ion Ratio Lower Upper

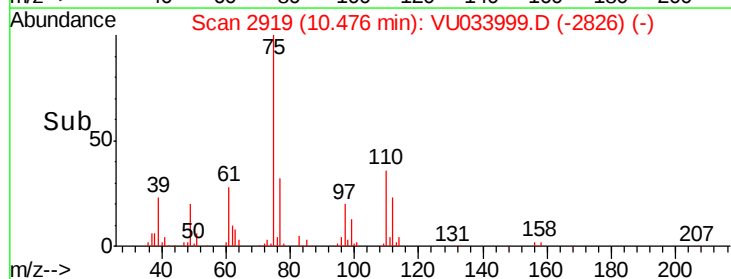
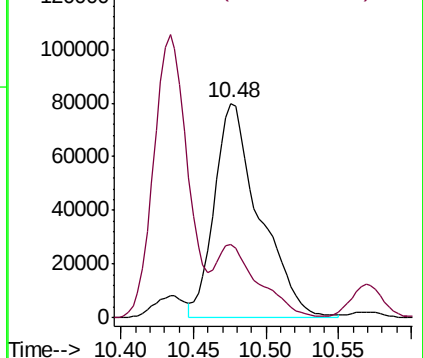
75 100

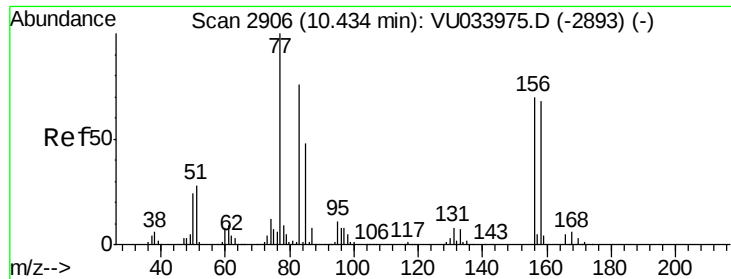
77 30.7 21.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VU033999.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU033999.D (-2826) (-)





#77

Bromobenzene

Concen: 19.221 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

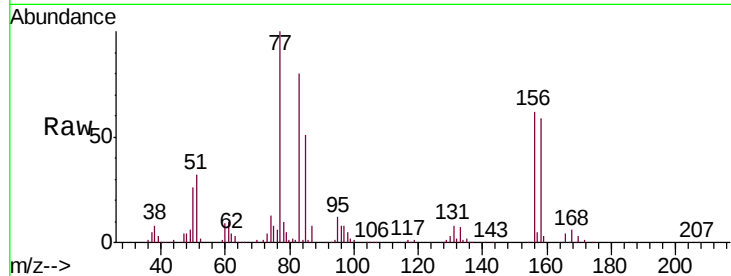
Tgt Ion: 156 Resp: 107278

Ion Ratio Lower Upper

156 100

77 160.2 70.3 211.1

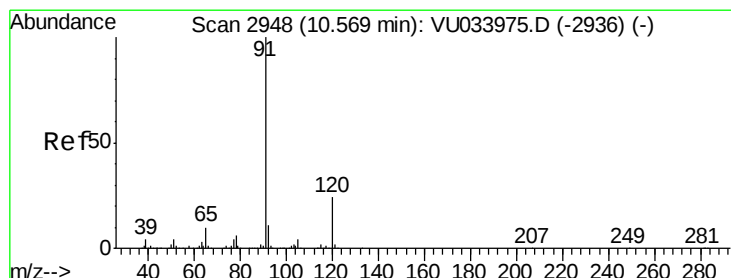
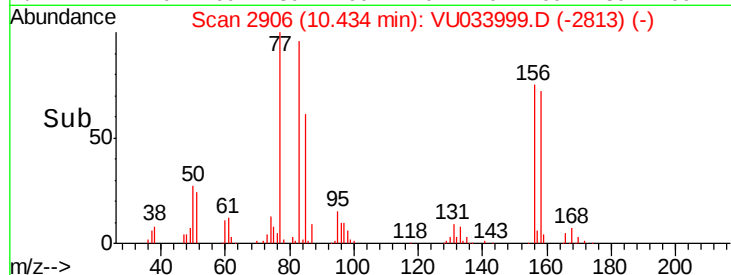
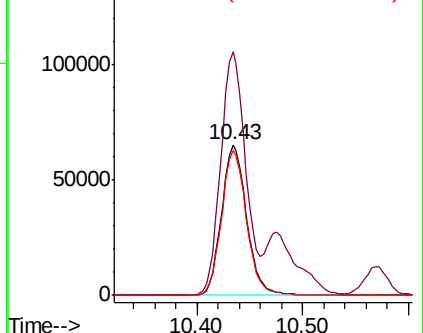
158 95.9 48.3 144.8



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: 21.016 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033999.D

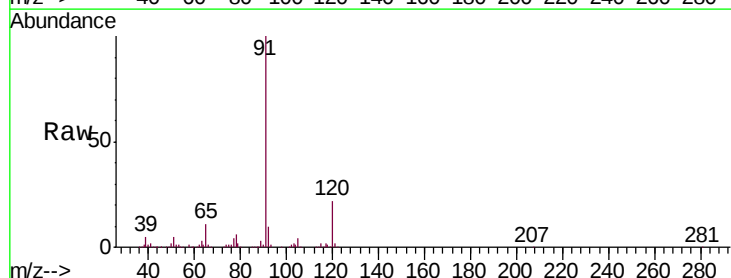
Acq: 28 Aug 2019 03:03

Tgt Ion: 91 Resp: 470731

Ion Ratio Lower Upper

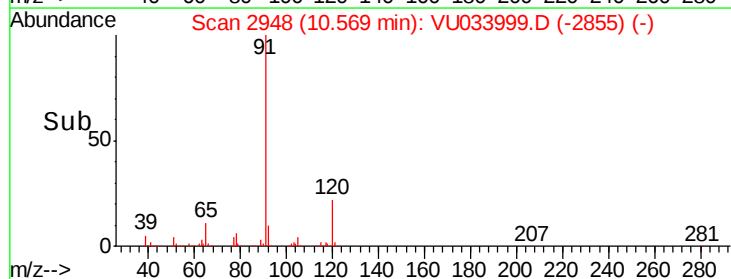
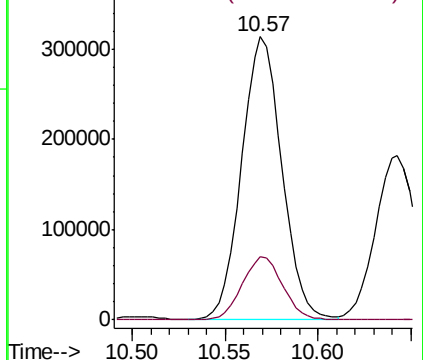
91 100

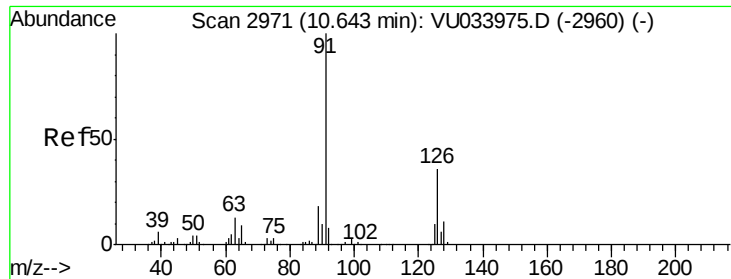
120 22.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.298 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

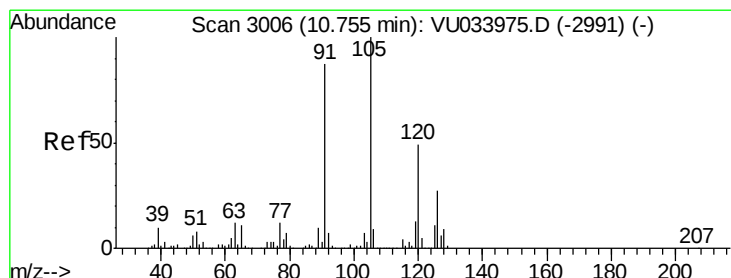
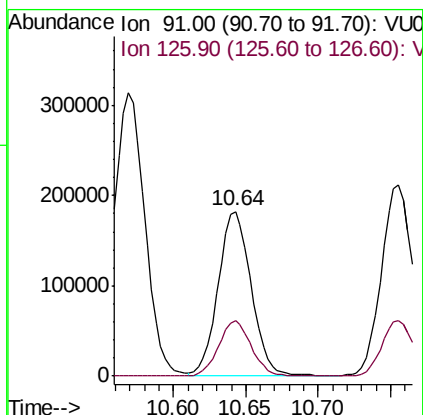
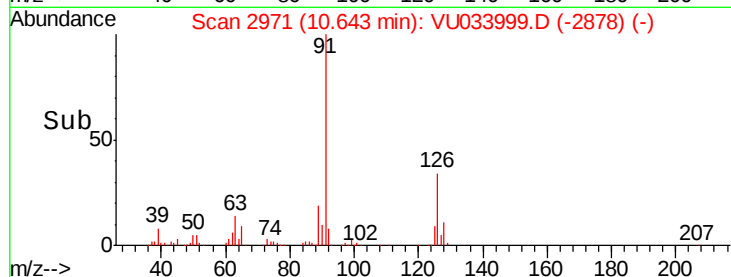
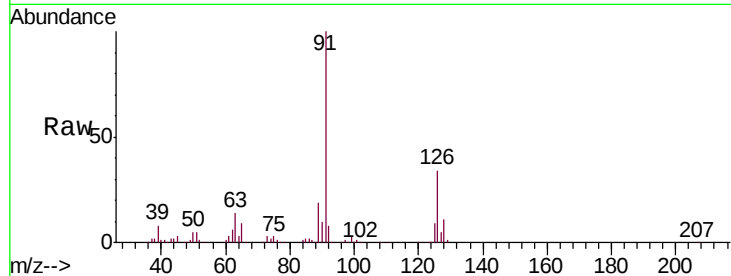
VU0828WBSD02

Tgt Ion: 91 Resp: 287854

Ion Ratio Lower Upper

91 100

126 33.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.028 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033999.D

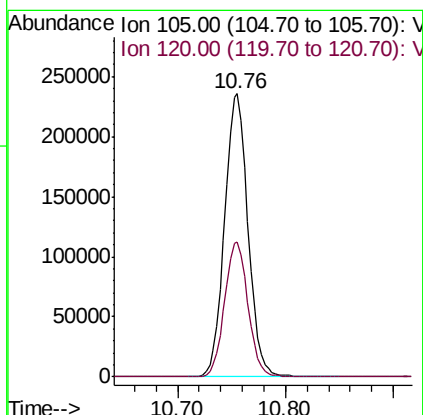
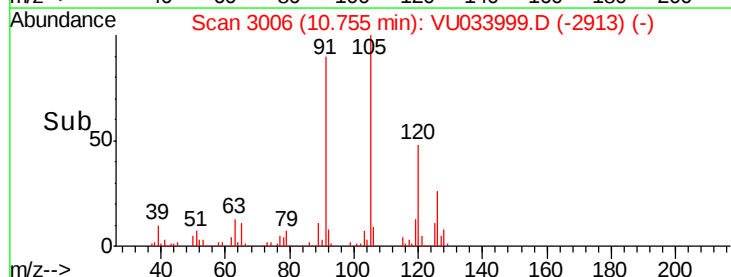
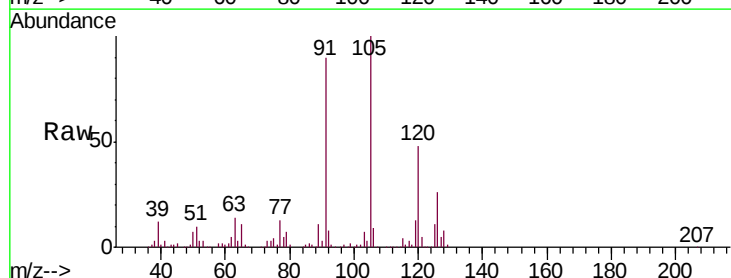
Acq: 28 Aug 2019 03:03

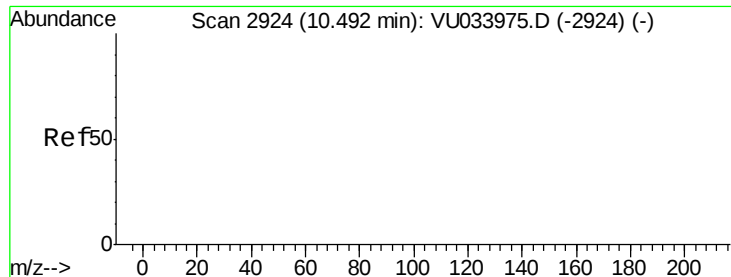
Tgt Ion: 105 Resp: 355702

Ion Ratio Lower Upper

105 100

120 47.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 80.739 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

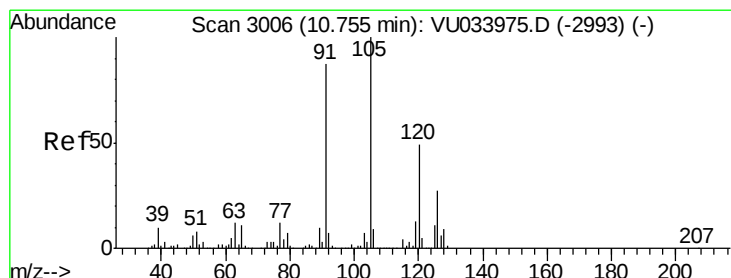
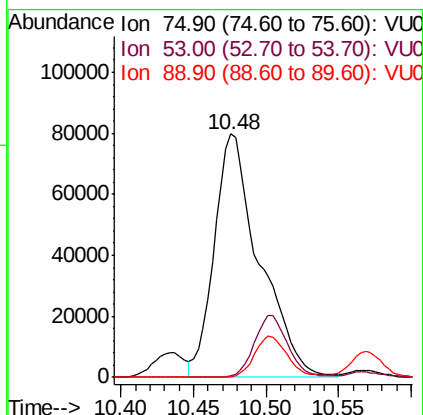
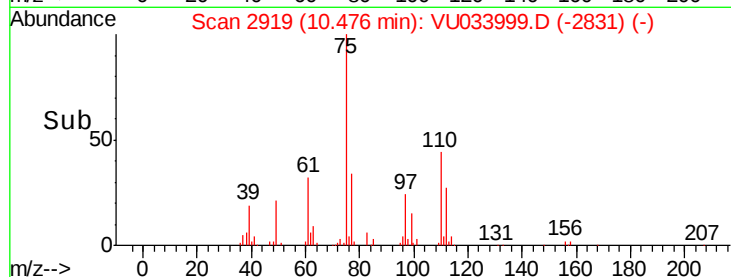
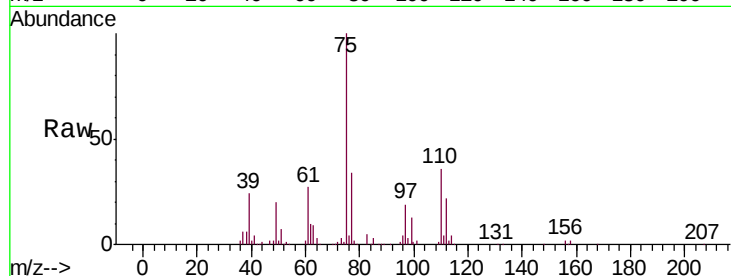
Tgt Ion: 75 Resp: 172364

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 21.107 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033999.D

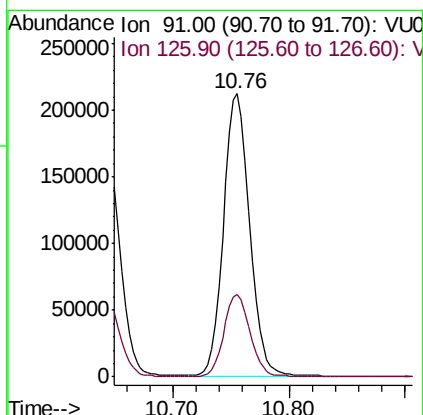
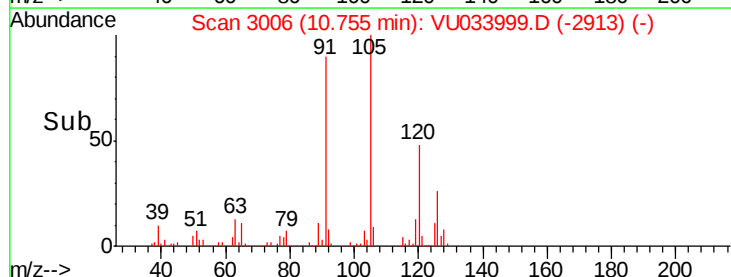
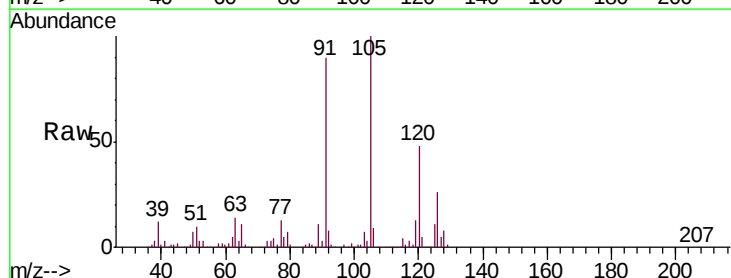
Acq: 28 Aug 2019 03:03

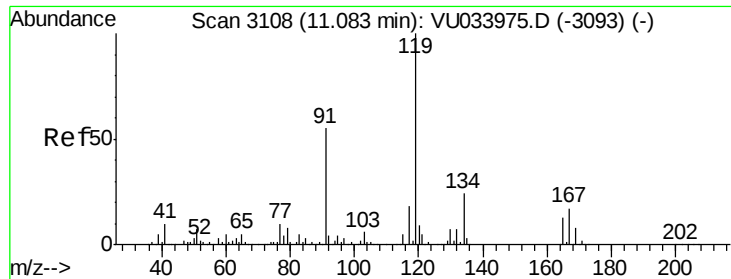
Tgt Ion: 91 Resp: 330243

Ion Ratio Lower Upper

91 100

126 29.4 15.4 46.4

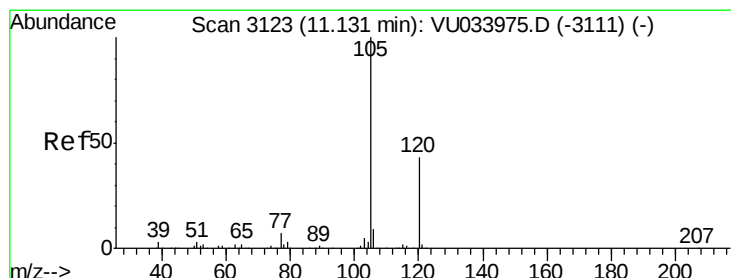
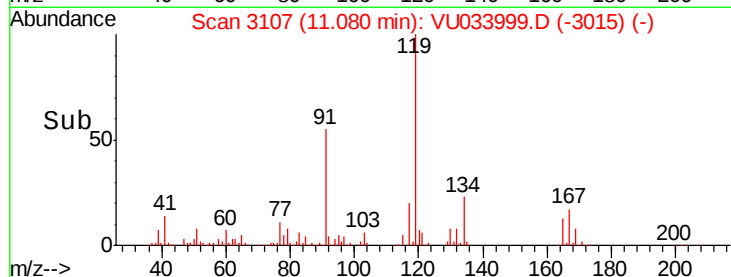
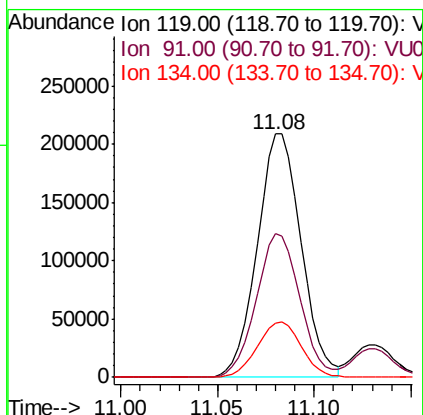
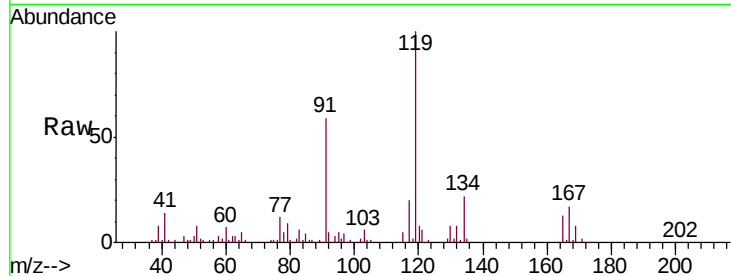




#83  
 tert-Butylbenzene  
 Concen: 20.066 ug/l  
 RT: 11.08 min Scan# 3107  
 Delta R.T. -0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

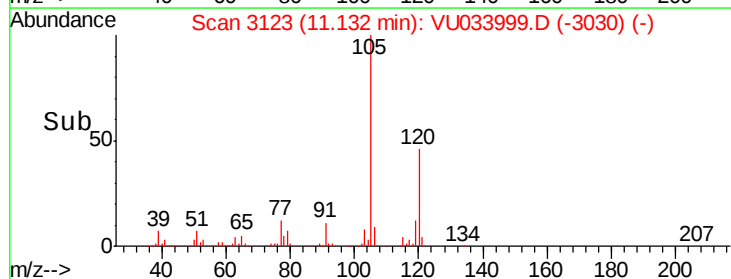
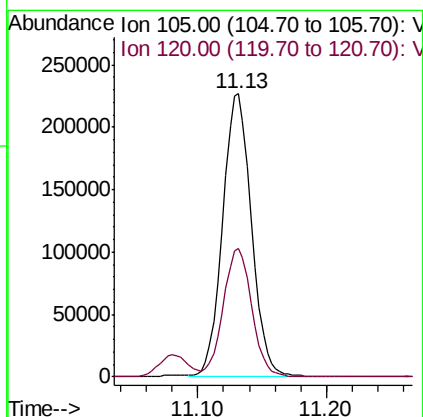
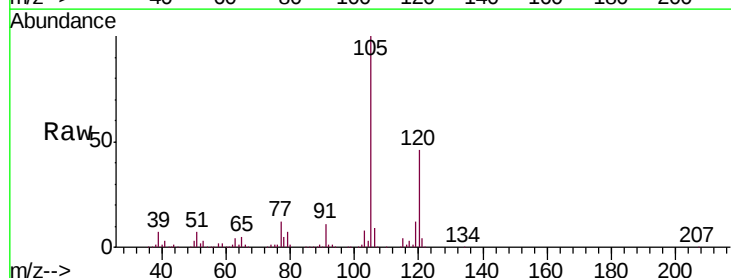
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

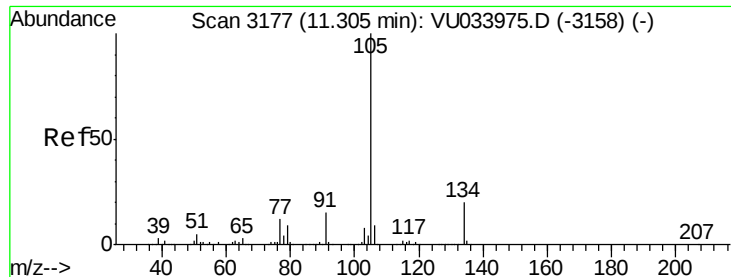
Tgt Ion:119 Resp: 329490  
 Ion Ratio Lower Upper  
 119 100  
 91 58.2 27.6 82.8  
 134 22.9 11.6 34.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.053 ug/l  
 RT: 11.13 min Scan# 3123  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion:105 Resp: 349624  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 23.3 69.9

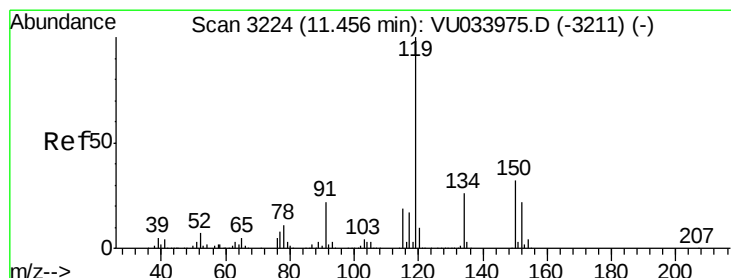
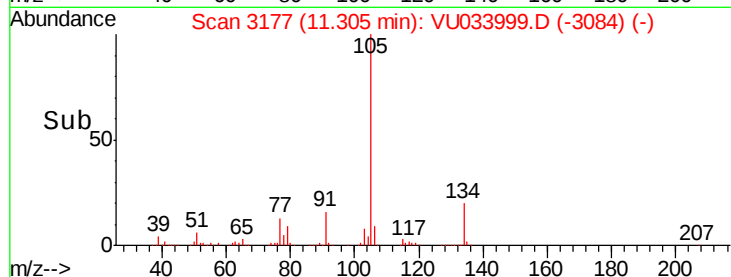
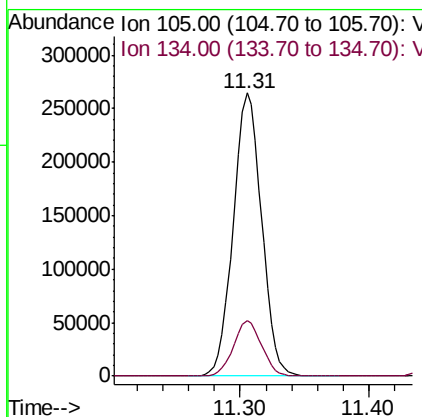
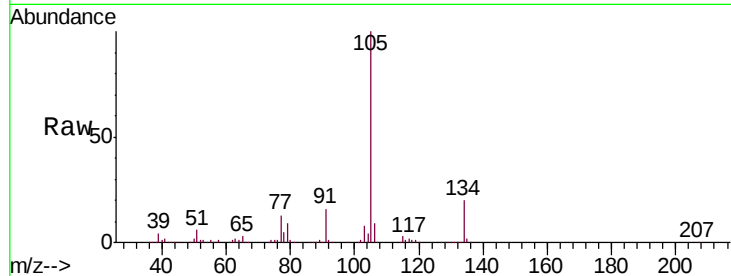




#85  
 sec-Butylbenzene  
 Concen: 20.526 ug/l  
 RT: 11.31 min Scan# 3177  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

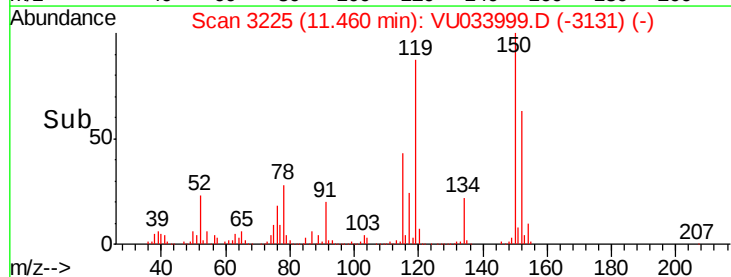
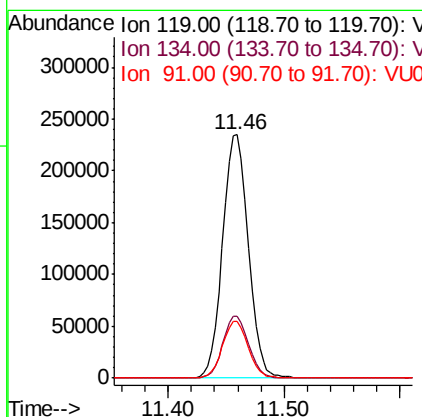
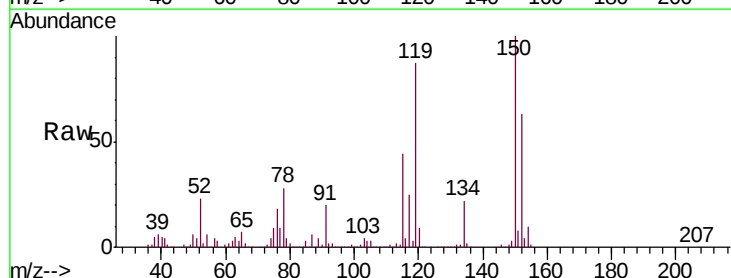
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

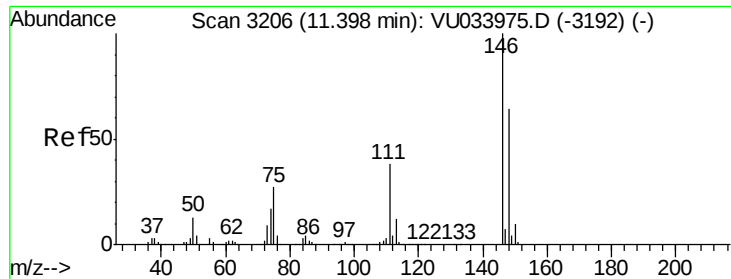
Tgt Ion:105 Resp: 402259  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 19.496 ug/l  
 RT: 11.46 min Scan# 3225  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion:119 Resp: 357614  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.0 38.9  
 91 23.5 10.9 32.9

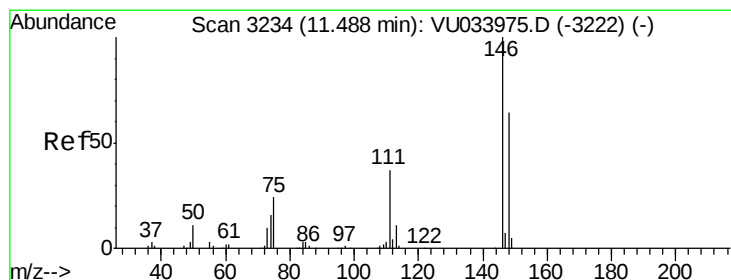
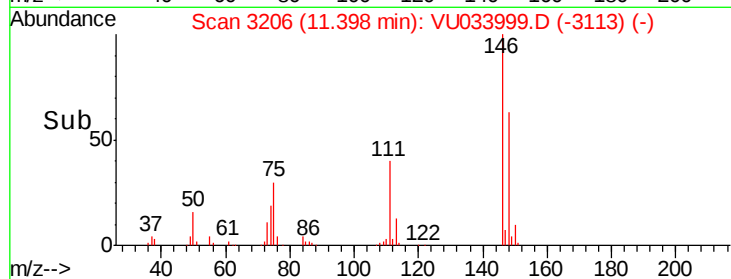
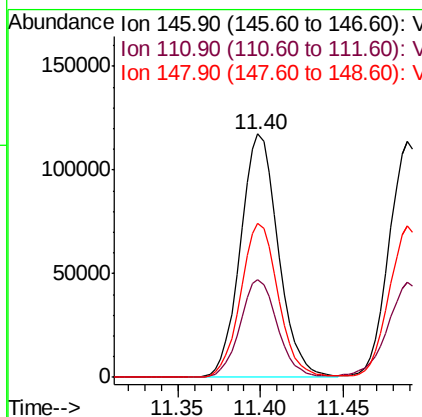
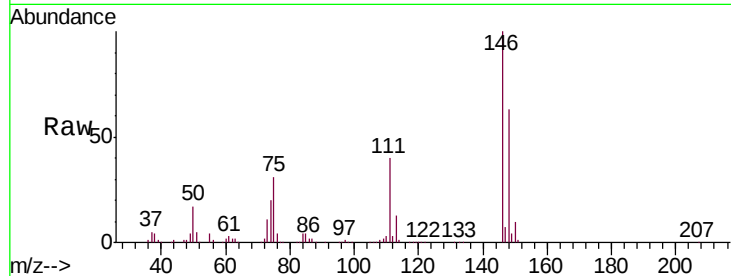




#87  
 1,3-Dichlorobenzene  
 Concen: 18.857 ug/l  
 RT: 11.40 min Scan# 3206  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

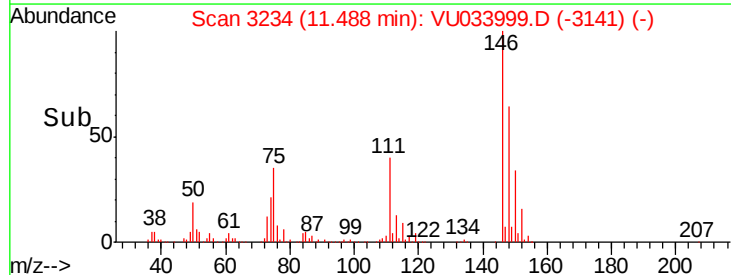
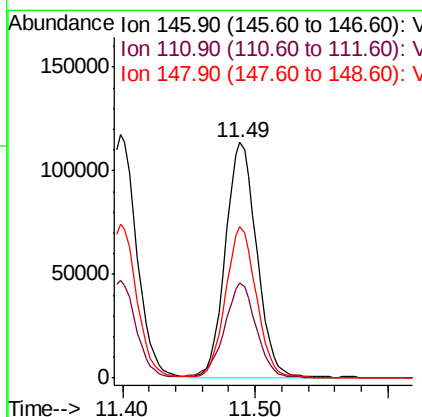
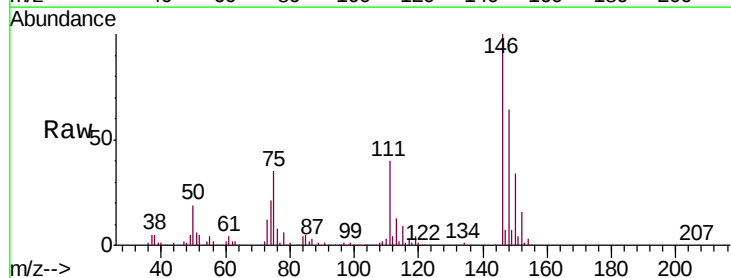
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

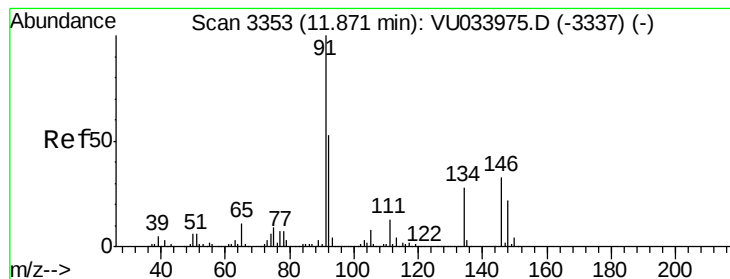
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 18.8  | 56.4  |
| 148     | 62.7  | 31.9  | 95.7  |



#88  
 1,4-Dichlorobenzene  
 Concen: 18.477 ug/l  
 RT: 11.49 min Scan# 3234  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 18.8  | 56.4  |
| 148     | 63.6  | 31.9  | 95.7  |





#89

n-Butylbenzene

Concen: 19.754 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU033999.D

Acq: 28 Aug 2019 03:03

Instrument :

MSVOA\_U

ClientSampleId :

VU0828WBSD02

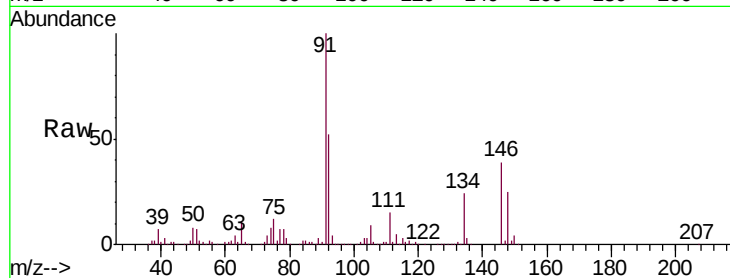
Tgt Ion: 91 Resp: 302852

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.0

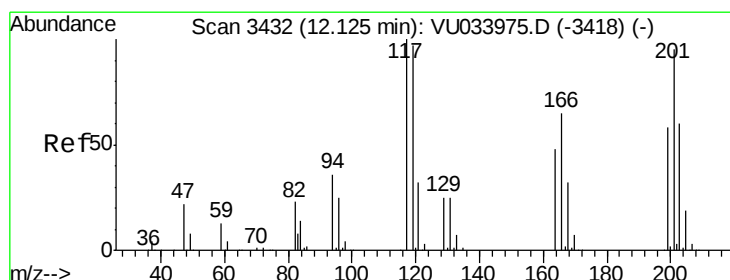
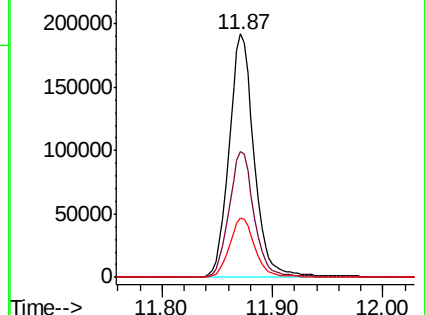
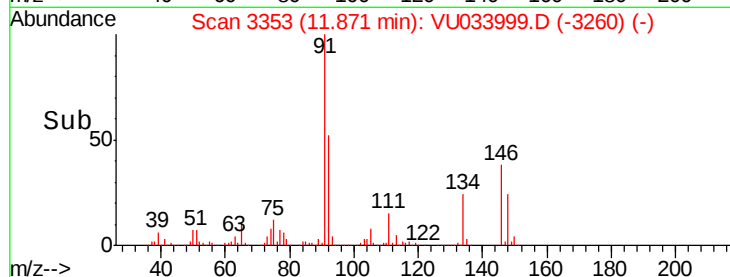
134 24.8 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU033999.D (-3260) (-)

Ion 92.00 (91.70 to 92.70): VU033999.D (-3260) (-)

Ion 134.00 (133.70 to 134.70): VU033999.D (-3260) (-)



#90

Hexachloroethane

Concen: 19.955 ug/l

RT: 12.13 min Scan# 3432

Delta R.T. 0.00 min

Lab File: VU033999.D

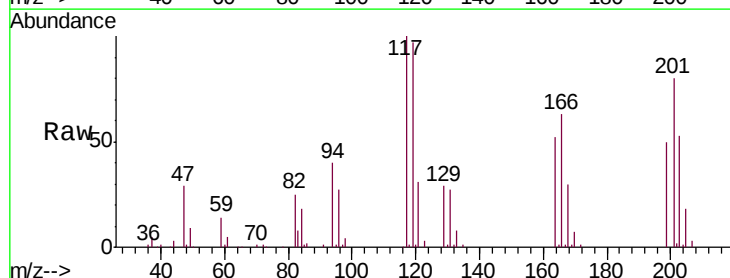
Acq: 28 Aug 2019 03:03

Tgt Ion: 117 Resp: 60543

Ion Ratio Lower Upper

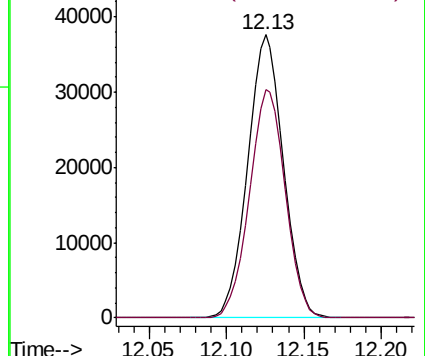
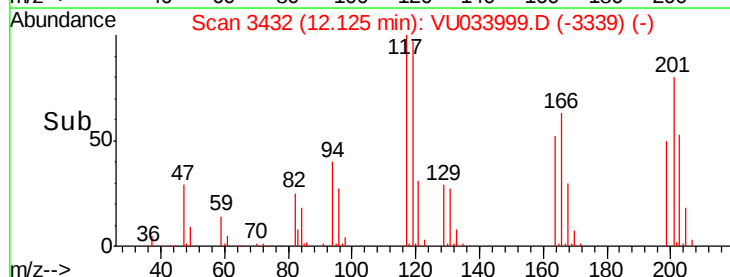
117 100

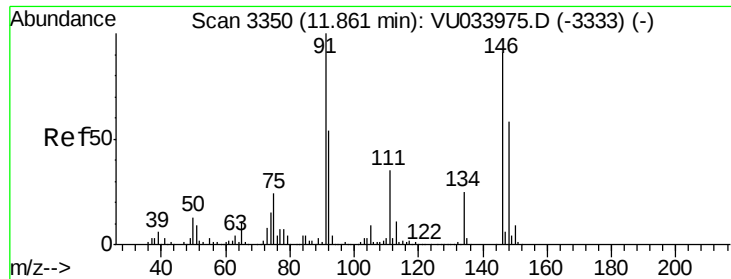
201 80.9 47.5 142.5



Abundance Ion 116.80 (116.50 to 117.50): VU033999.D (-3339) (-)

Ion 200.70 (200.40 to 201.40): VU033999.D (-3339) (-)

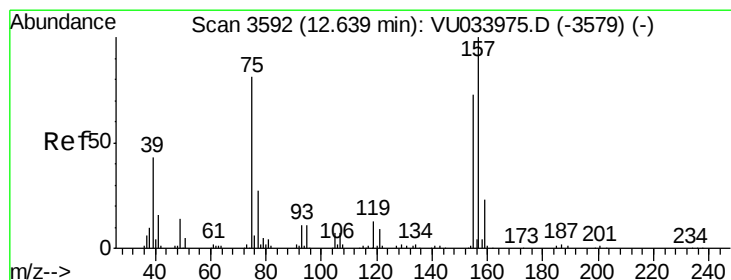
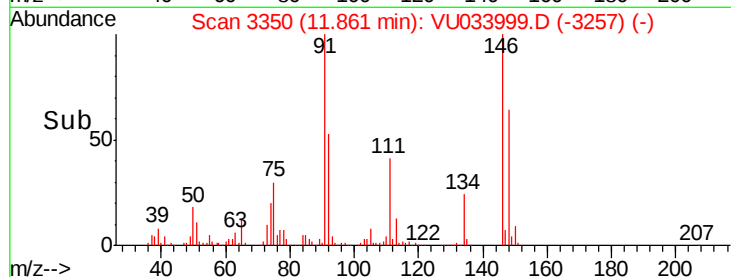
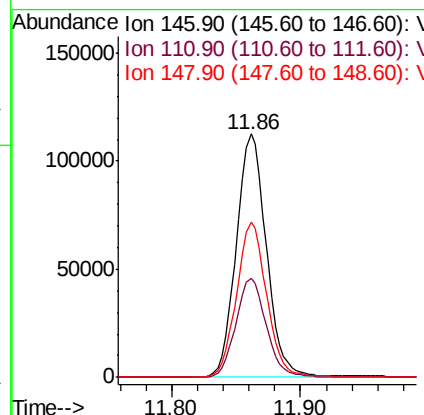
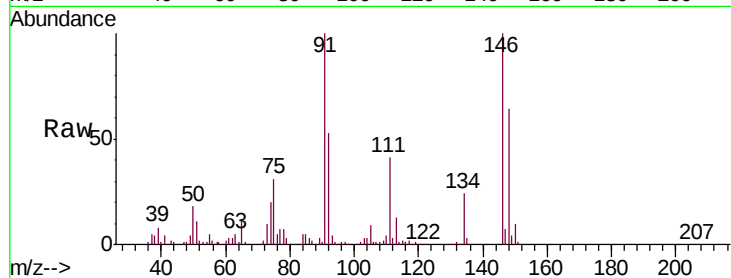




#91  
 1,2-Dichlorobenzene  
 Concen: 18.804 ug/l  
 RT: 11.86 min Scan# 3350  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

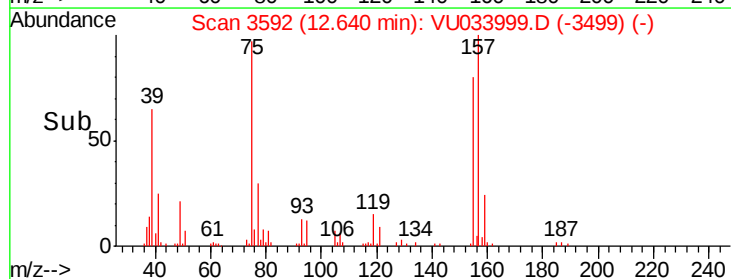
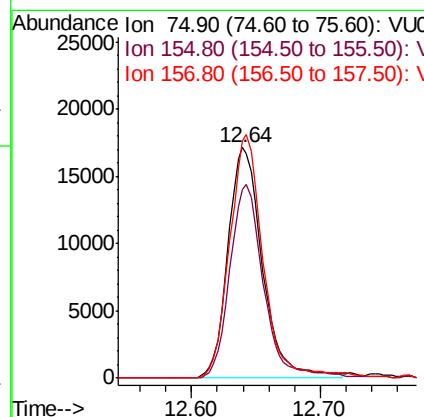
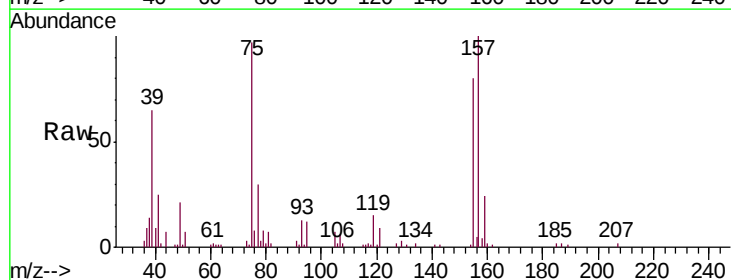
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

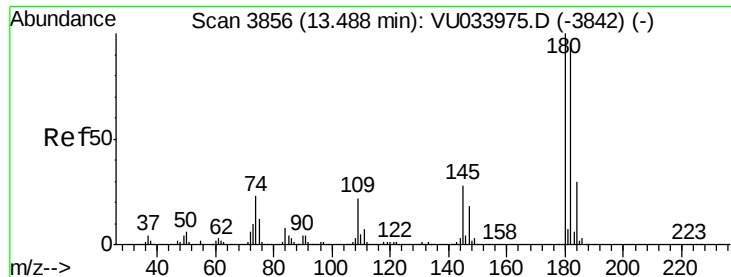
Tgt Ion: 146 Resp: 183271  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 19.8 59.3  
 148 63.6 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.377 ug/l  
 RT: 12.64 min Scan# 3592  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion: 75 Resp: 31885  
 Ion Ratio Lower Upper  
 75 100  
 155 81.7 46.9 140.6  
 157 101.1 61.2 183.6

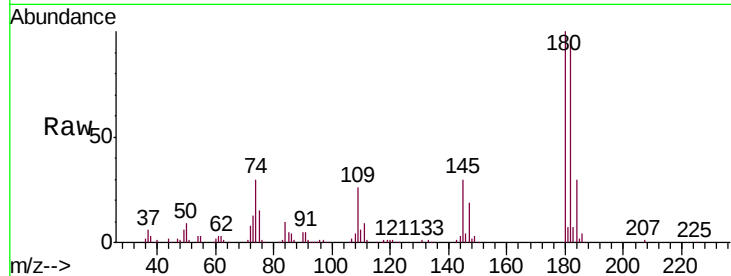




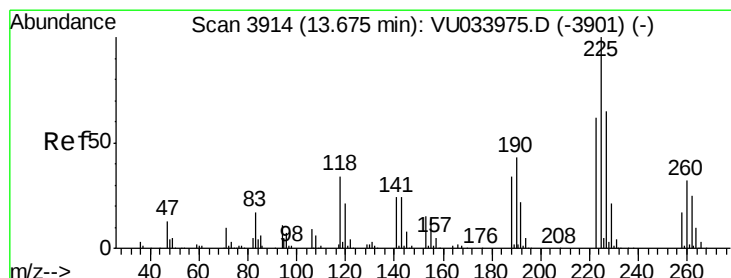
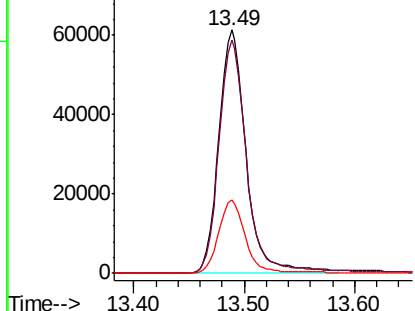
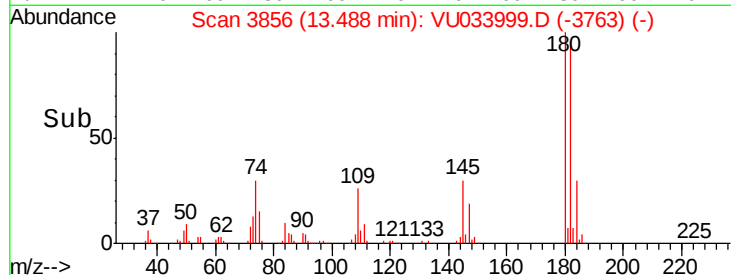
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.657 ug/l  
 RT: 13.49 min Scan# 3856  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0828WBSD02

Tgt Ion:180 Resp: 105935  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 47.4 142.2  
 145 28.8 14.4 43.2

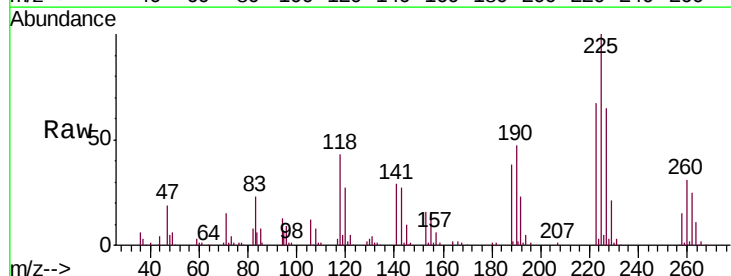


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

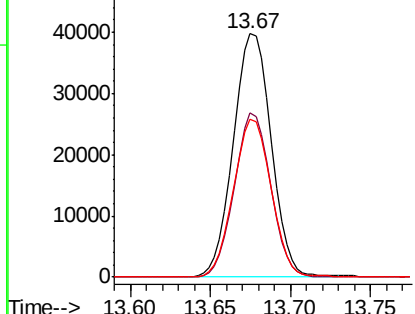
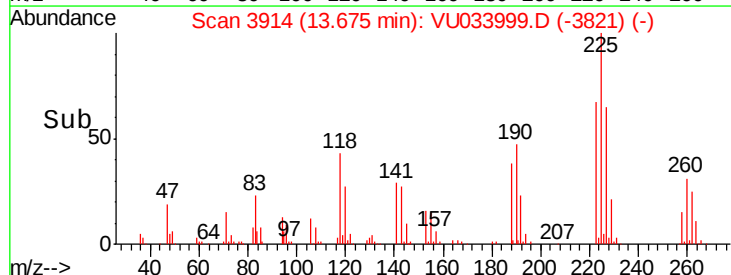


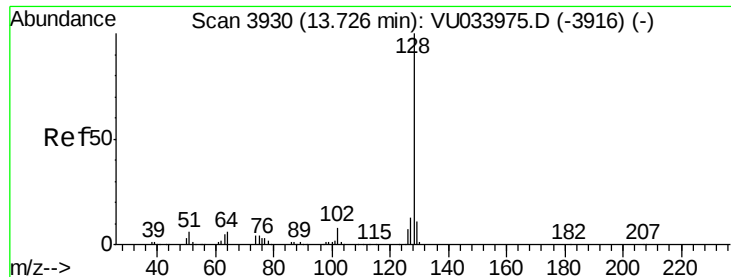
#94  
 Hexachlorobutadiene  
 Concen: 16.068 ug/l  
 RT: 13.67 min Scan# 3914  
 Delta R.T. 0.00 min  
 Lab File: VU033999.D  
 Acq: 28 Aug 2019 03:03

Tgt Ion:225 Resp: 64203  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 31.7 95.1  
 227 64.4 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

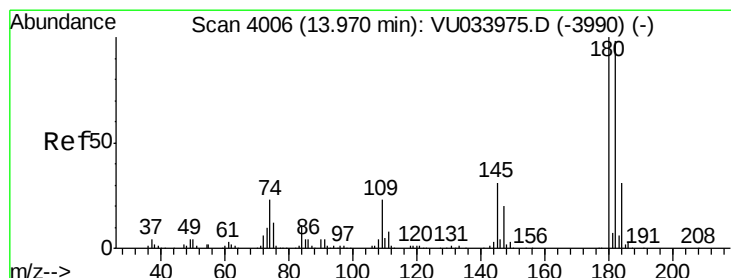
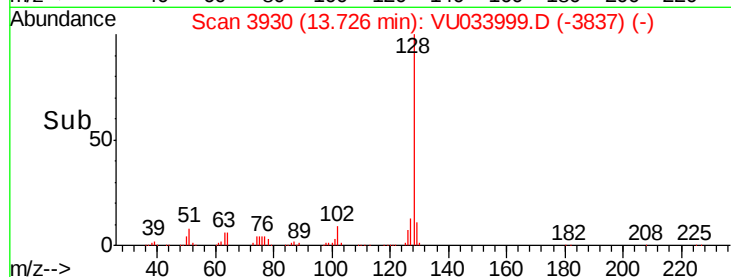
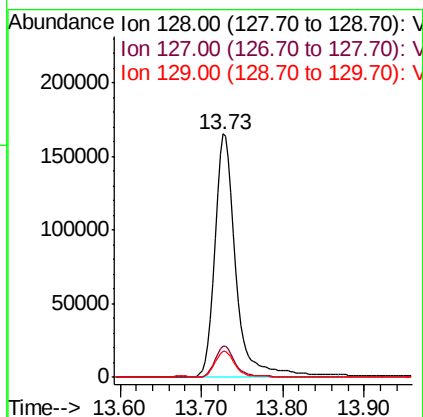
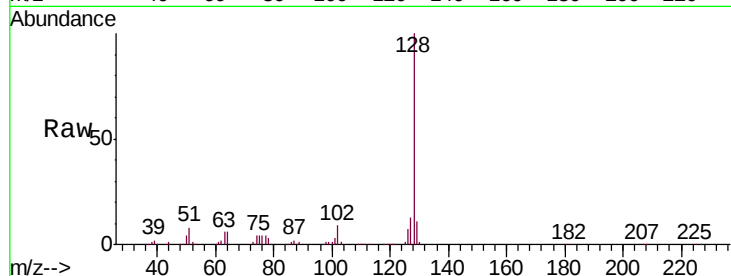




#95  
Naphthalene  
Concen: 17.507 ug/l  
RT: 13.73 min Scan# 3930  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0828WBSD02

Tgt Ion:128 Resp: 304891  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.2 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 17.759 ug/l  
RT: 13.97 min Scan# 4006  
Delta R.T. 0.00 min  
Lab File: VU033999.D  
Acq: 28 Aug 2019 03:03

Tgt Ion:180 Resp: 110603  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.4 145.3  
145 31.3 15.1 45.3

