

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\  
 Data File : VU029083.D  
 Acq On : 09 Jan 2019 10:26  
 Operator : MD/SY  
 Sample : VU0109WBS01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 10 04:02:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:22:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 111676   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.88  | 114  | 184680   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 171094   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 81377    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 75189      | 54.46   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 108.92% |       |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 63196      | 52.79   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 105.58% |       |          |
| 50) Toluene-d8              | 7.56  | 98   | 242728     | 51.36   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 102.72% |       |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 83015      | 48.88   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 97.76%  |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85   | 22042    | 19.902  | ug/l  | 98     |
| 3) Chloromethane              | 1.33 | 50   | 35792    | 19.826  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 33056    | 20.254  | ug/l  | 98     |
| 5) Bromomethane               | 1.62 | 94   | 19689    | 21.748  | ug/l  | 94     |
| 6) Chloroethane               | 1.69 | 64   | 20080    | 20.655  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.88 | 101  | 35255    | 19.824  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.10 | 74   | 17341    | 20.296  | ug/l  | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101  | 24322    | 20.440  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.41 | 142  | 23050    | 20.601  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 2.83 | 59   | 36774    | 104.796 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.28 | 96   | 23600    | 20.376  | ug/l  | 98     |
| 13) Acrolein                  | 2.19 | 56   | 25985    | 98.616  | ug/l  | 98     |
| 14) Allyl chloride            | 2.59 | 41   | 41061    | 19.321  | ug/l  | 92     |
| 15) Acrylonitrile             | 2.94 | 53   | 94816    | 110.135 | ug/l  | 99     |
| 16) Acetone                   | 2.32 | 43   | 88133    | 101.339 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.48 | 76   | 74289    | 19.024  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.61 | 43   | 46300    | 22.896  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 82376    | 20.230  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.70 | 84   | 29485    | 19.968  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 26435    | 19.645  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.57 | 45   | 90249    | 21.487  | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.52 | 43   | 363770   | 105.943 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.44 | 63   | 51060    | 21.059  | ug/l  | 99     |
| 25) 2-Butanone                | 4.26 | 43   | 130716   | 111.282 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.23 | 77   | 41069    | 20.963  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96   | 30179    | 20.505  | ug/l  | 98     |
| 28) Bromochloromethane        | 4.55 | 49   | 24236    | 23.344  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 4.64 | 42   | 80945    | 113.618 | ug/l  | 98     |
| 30) Chloroform                | 4.67 | 83   | 49150    | 21.283  | ug/l  | 100    |
| 31) Cyclohexane               | 4.99 | 56   | 47224    | 19.958  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 4.91 | 97   | 39561    | 20.732  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.13 | 75   | 37040    | 20.065  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.38 | 43   | 44508    | 21.966  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.13 | 117  | 31590    | 20.518  | ug/l  | 95     |

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 Sample : VU0109WBS01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 10 04:02:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:22:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.41  | 83   | 43430    | 19.137  | ug/l   | 98       |
| 40) Benzene                    | 5.39  | 78   | 117244   | 20.362  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.54  | 41   | 24214    | 22.325  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 36918    | 21.337  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 5.55  | 43   | 68740    | 22.116  | ug/l   | 98       |
| 44) Trichloroethene            | 6.19  | 130  | 27799    | 19.485  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 32025    | 21.061  | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 20035    | 20.611  | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.76  | 83   | 37855    | 21.151  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 32106    | 21.213  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 15805    | 440.654 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 231107   | 109.253 | ug/l   | 99       |
| 52) Toluene                    | 7.64  | 92   | 70274    | 20.048  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 42425    | 19.733  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 46634    | 20.074  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 8.06  | 97   | 29409    | 20.942  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 42664    | 19.720  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 49618    | 20.649  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.12  | 63   | 91915    | 96.605  | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 178965   | 107.780 | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.48  | 129  | 28855    | 20.740  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.58  | 107  | 30666    | 20.135  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.22  | 164  | 24614    | 19.971  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.12  | 112  | 74795    | 19.503  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 25276    | 20.309  | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.25  | 91   | 124603   | 19.460  | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.37  | 106  | 96794    | 38.906  | ug/l   | 99       |
| 69) o-Xylene                   | 9.78  | 106  | 46929    | 19.577  | ug/l   | 98       |
| 70) Styrene                    | 9.79  | 104  | 76497    | 19.466  | ug/l   | 99       |
| 71) Bromoform                  | 9.96  | 173  | 22081    | 19.925  | ug/l # | 98       |
| 73) Isopropylbenzene           | 10.17 | 105  | 123040   | 20.427  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 54398    | 20.958  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 51134    | 21.182  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 59246    | 29.714  | ug/l   | 83       |
| 77) Bromobenzene               | 10.45 | 156  | 31399    | 20.004  | ug/l   | 97       |
| 78) n-propylbenzene            | 10.58 | 91   | 144626   | 20.375  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 87776    | 20.385  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 104143   | 20.705  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 59246    | 76.634  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 97094    | 19.665  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.10 | 119  | 98085    | 19.785  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 103980   | 20.705  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 125049   | 20.856  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 103960   | 20.348  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 55756    | 19.366  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 56220    | 18.917  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 92250    | 20.230  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.14 | 117  | 16618    | 19.335  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 56546    | 19.499  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 10240    | 22.054  | ug/l   | 96       |

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Acq On : 09 Jan 2019 10:26  
Operator : MD/SY  
Sample : VU0109WBS01  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

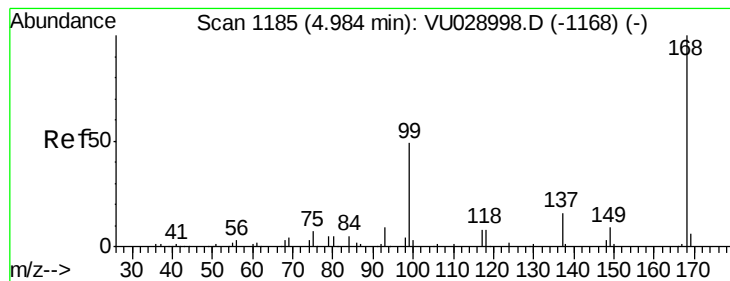
Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jan 10 04:02:43 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U010319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 04 02:22:53 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 35001    | 18.907 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 17864    | 21.098 | ug/l  | 98       |
| 95) Naphthalene            | 13.74 | 128  | 112265   | 17.827 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 36712    | 19.741 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

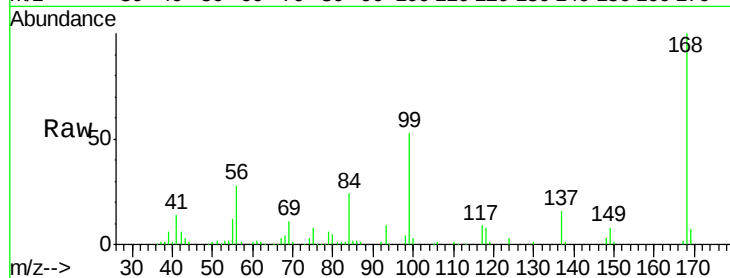
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:168 Resp: 111676

Ion Ratio Lower Upper

168 100

99 52.6 42.0 63.0

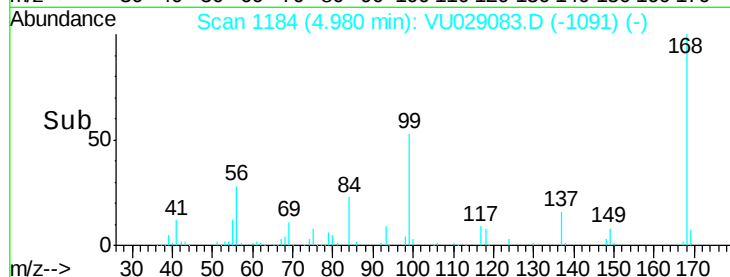


Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

Time-->



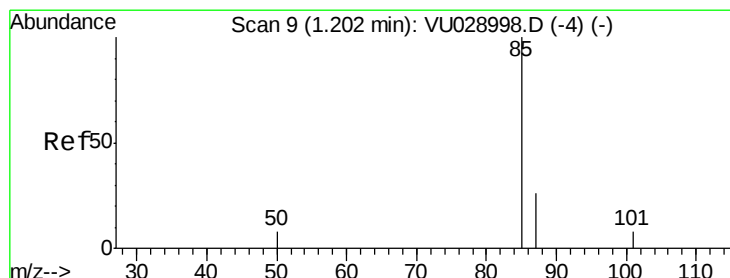
Abundance

Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

Time-->



#2

Dichlorodifluoromethane

Concen: 19.902 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029083.D

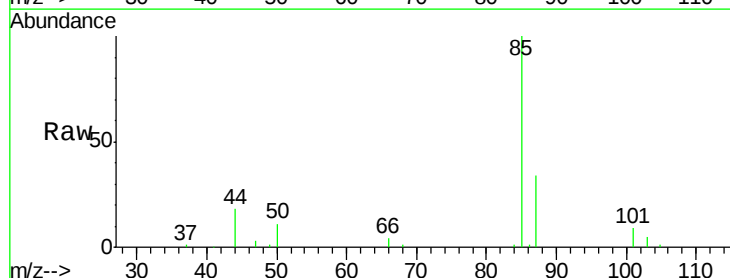
Acq: 09 Jan 2019 10:26

Tgt Ion: 85 Resp: 22042

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8

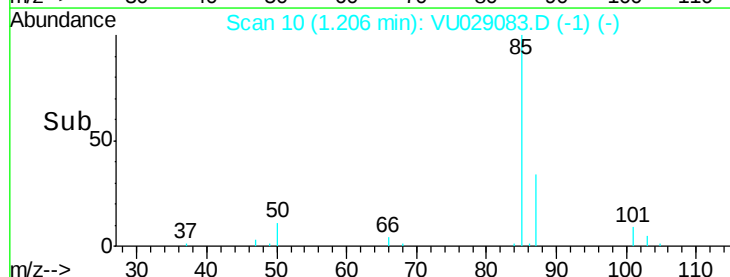


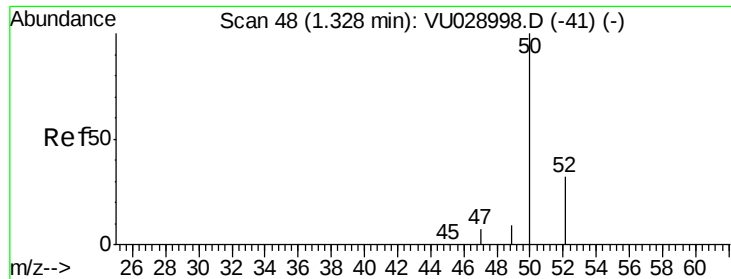
Abundance Ion 84.90 (84.60 to 85.60): VU028998.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VU028998.D (-4) (-)

1.21

Time-->





#3

Chloromethane

Concen: 19.826 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

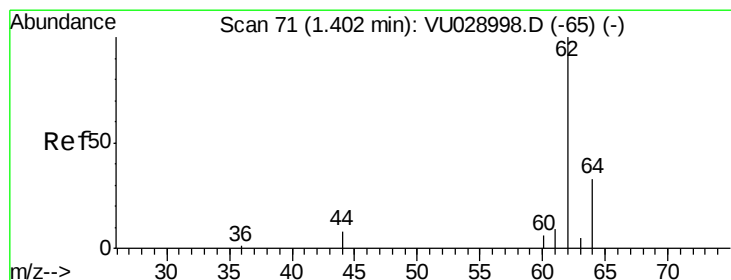
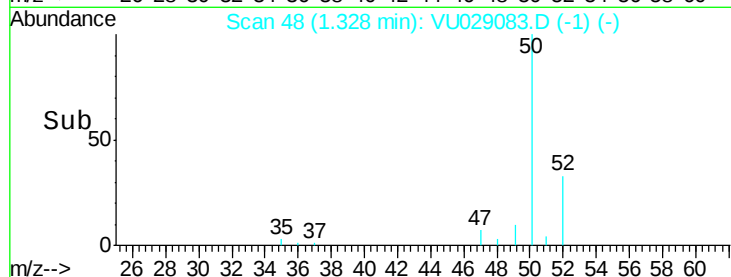
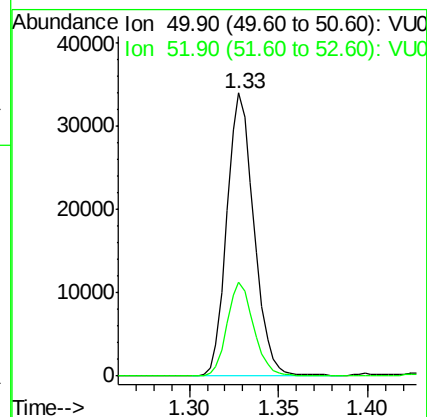
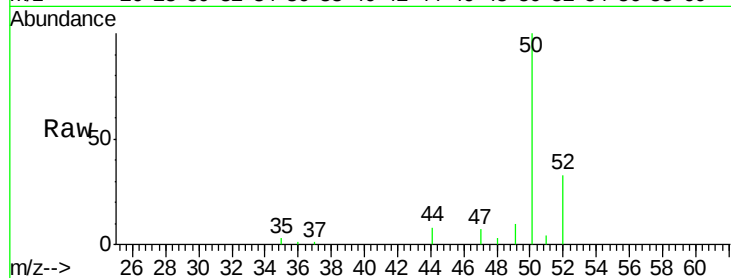
ClientSampleId :

Tot Ion: 50 Resp: 35792

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 20.254 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU029083.D

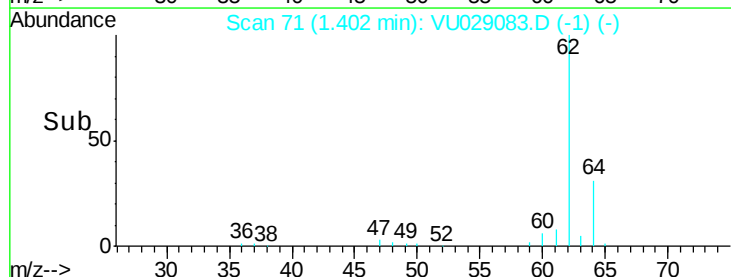
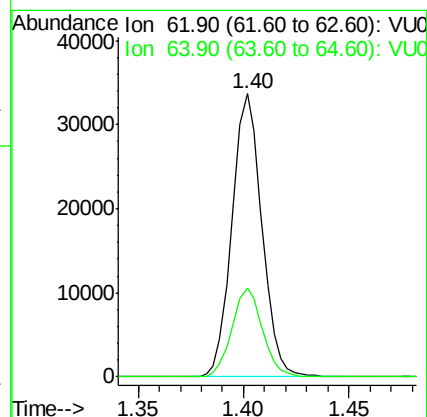
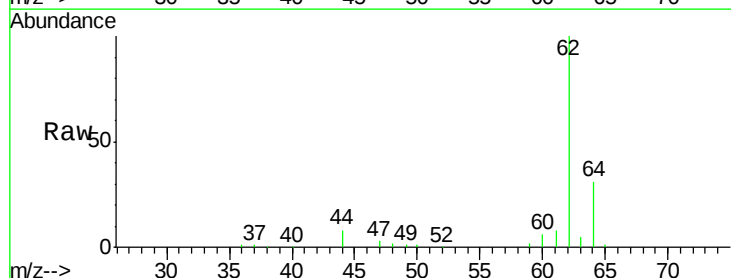
Acq: 09 Jan 2019 10:26

Tgt Ion: 62 Resp: 33056

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 21.748 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

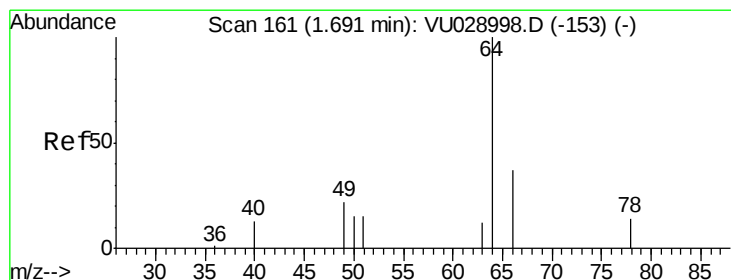
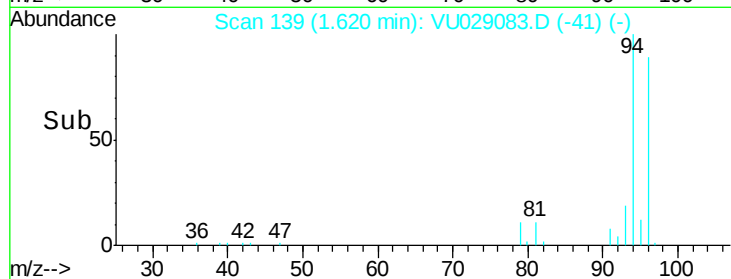
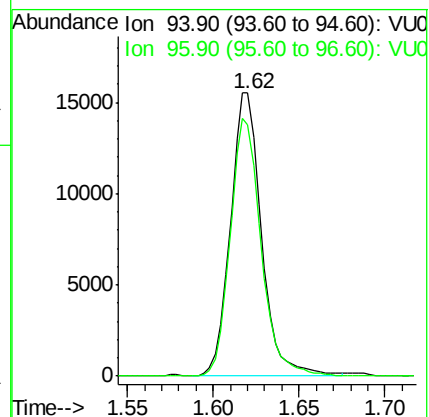
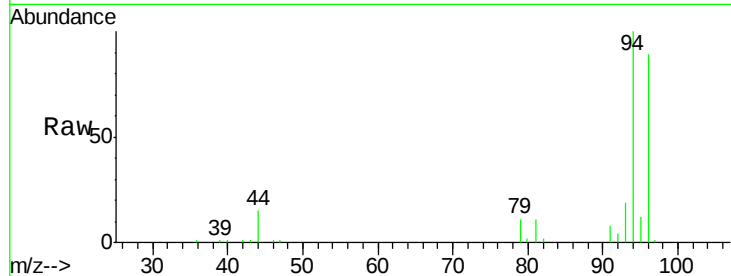
ClientSampleId :

Tot Ion: 94 Resp: 19689

Ion Ratio Lower Upper

94 100

96 88.9 75.5 113.3



#6

Chloroethane

Concen: 20.655 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU029083.D

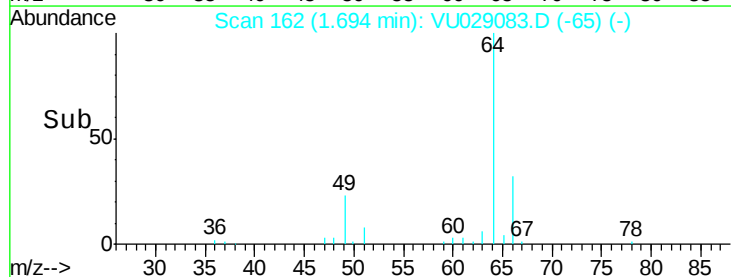
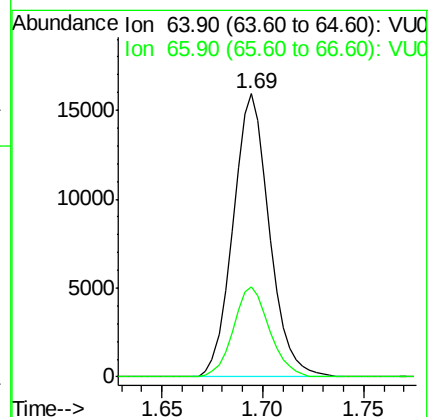
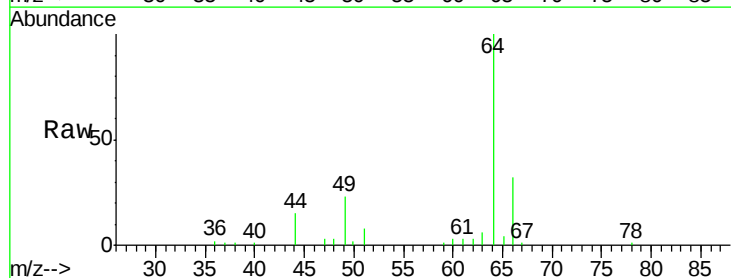
Acq: 09 Jan 2019 10:26

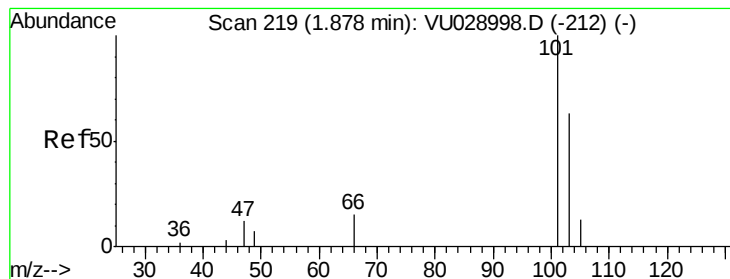
Tgt Ion: 64 Resp: 20080

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8



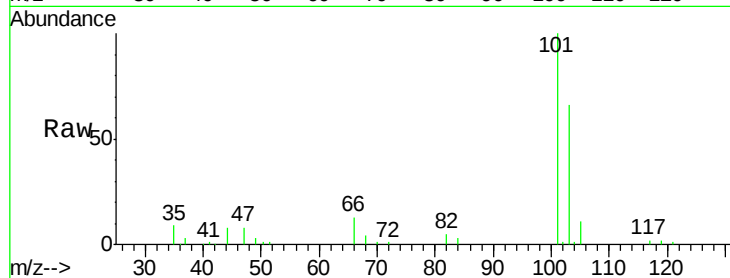


#7

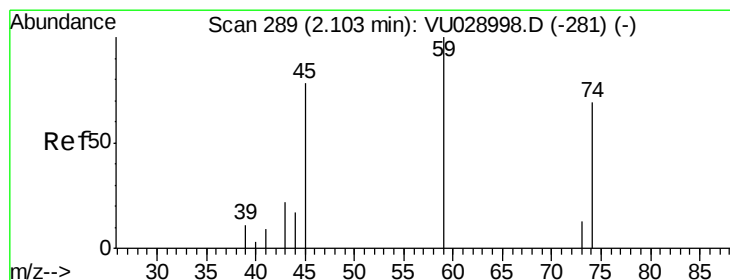
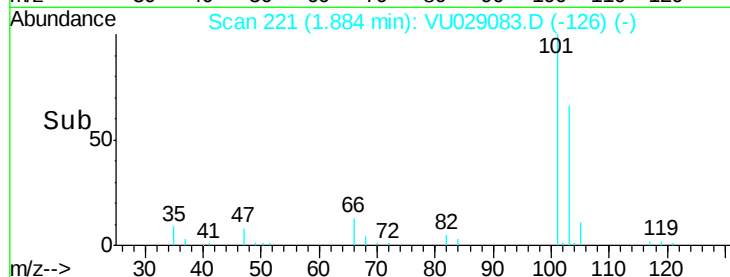
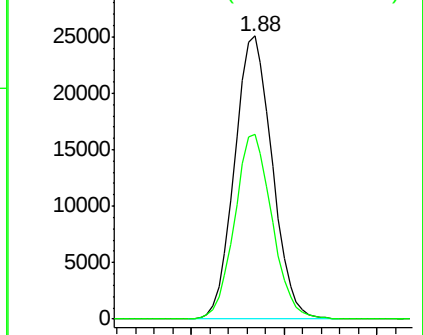
Trichlorofluoromethane  
 Concen: 19.824 ug/l  
 RT: 1.88 min Scan# 221  
 Delta R.T. 0.01 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion:101 Resp: 35255  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 51.5 77.3



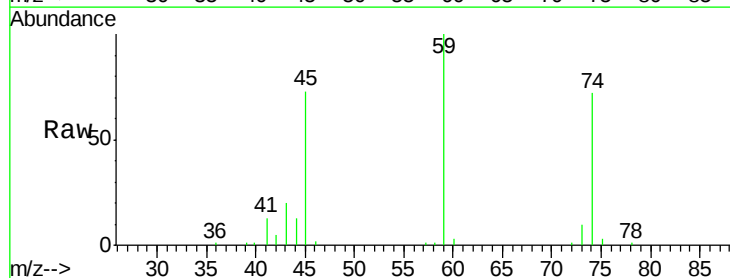
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



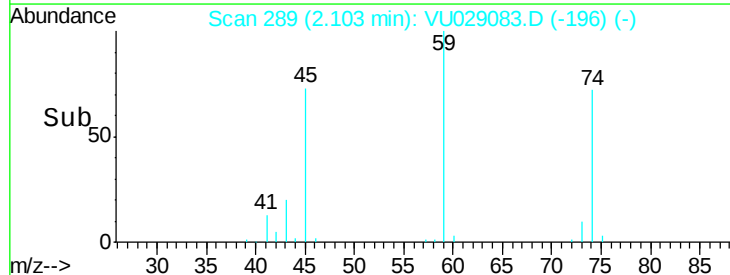
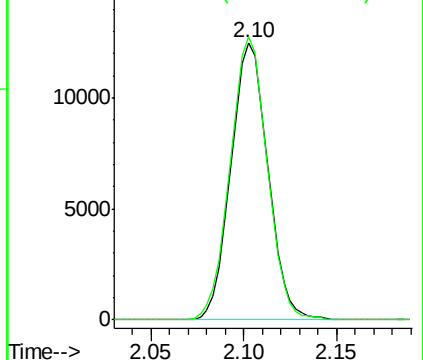
#8

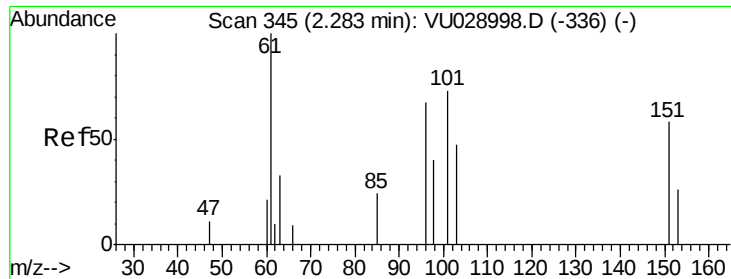
Diethyl Ether  
 Concen: 20.296 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 74 Resp: 17341  
 Ion Ratio Lower Upper  
 74 100  
 45 102.3 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): VU0  
 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.440 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

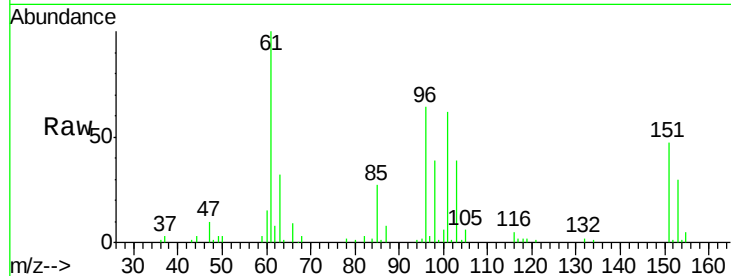
Tot Ion:101 Resp: 24322

Ion Ratio Lower Upper

101 100

85 42.0 35.1 52.7

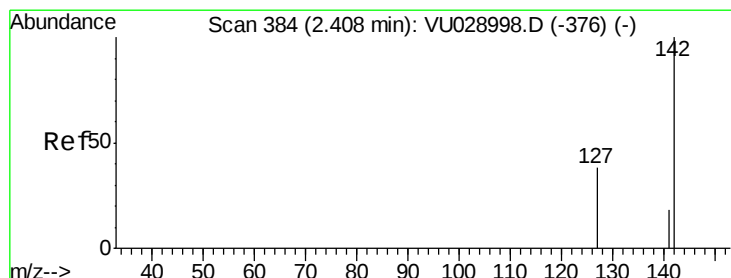
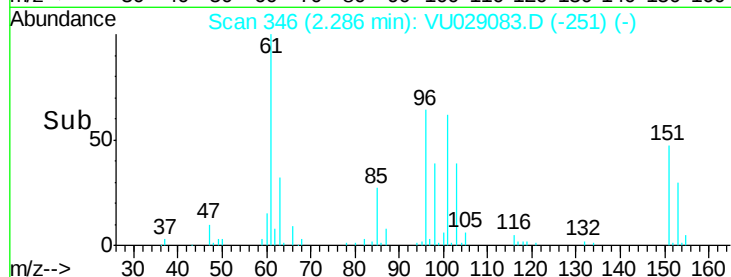
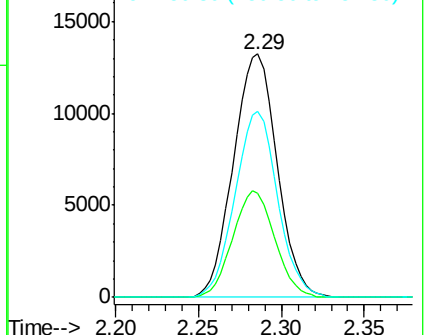
151 74.2 60.2 90.2



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: 20.601 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

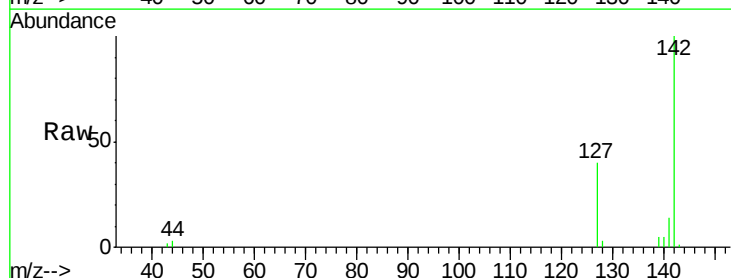
Tgt Ion:142 Resp: 23050

Ion Ratio Lower Upper

142 100

127 39.4 29.8 44.6

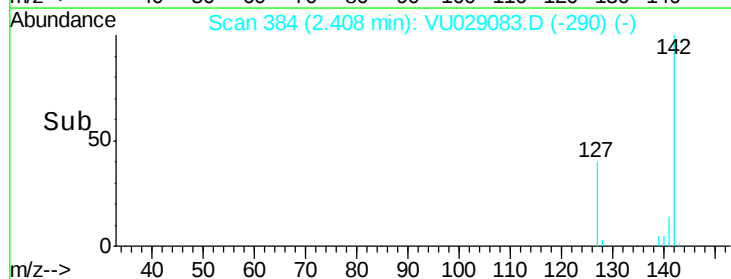
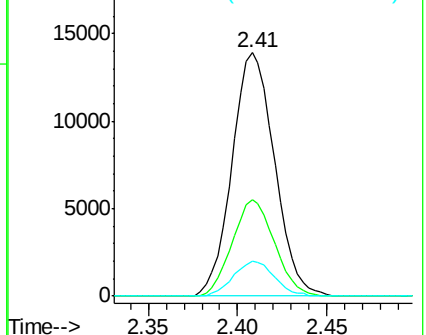
141 13.7 11.5 17.3

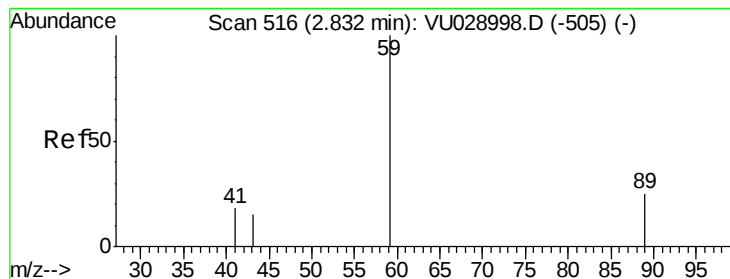


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



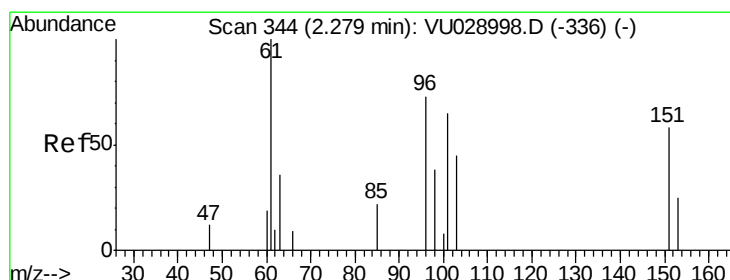
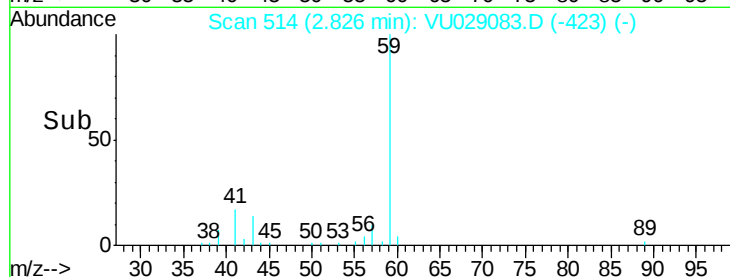
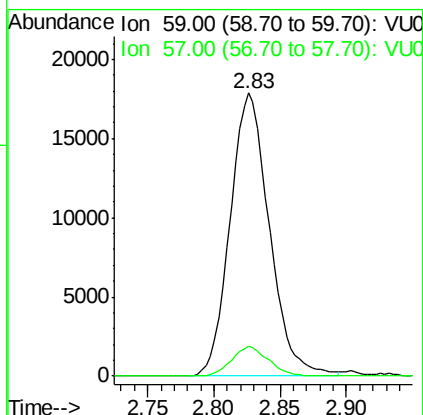
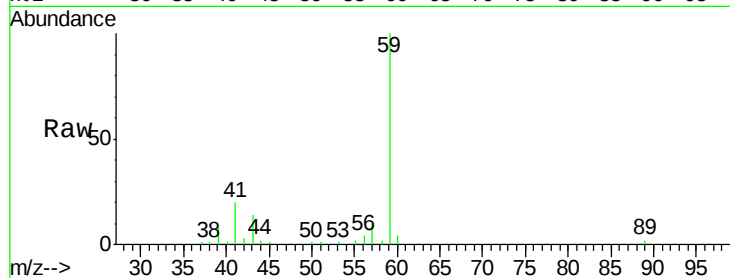


#11

Tert butyl alcohol  
 Concen: 104.796 ug/l  
 RT: 2.83 min Scan# 514  
 Delta R.T. -0.01 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :

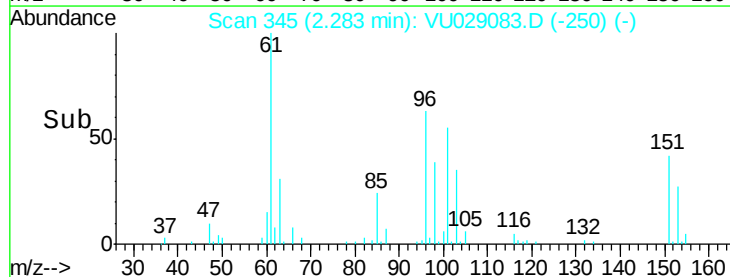
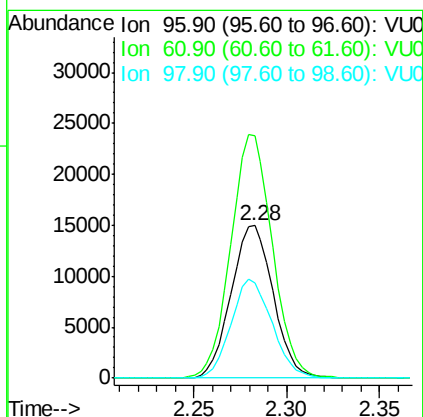
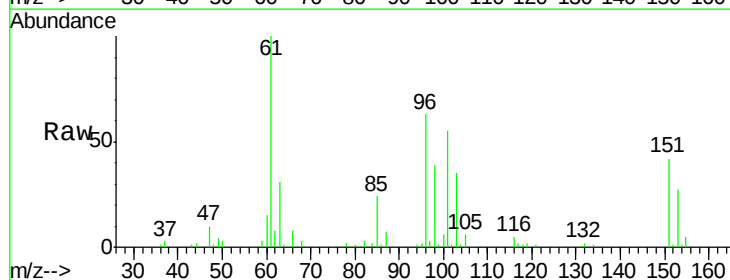
Tot Ion: 59 Resp: 36774  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 7.9 11.9

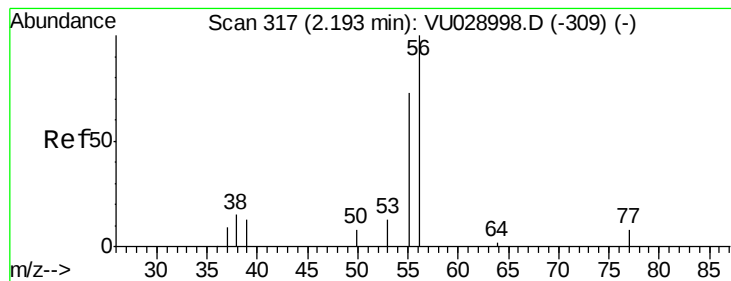


#12

1,1-Dichloroethene  
 Concen: 20.376 ug/l  
 RT: 2.28 min Scan# 345  
 Delta R.T. 0.01 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 96 Resp: 23600  
 Ion Ratio Lower Upper  
 96 100  
 61 159.6 125.4 188.0  
 98 62.9 49.7 74.5





#13

Acrolein

Concen: 98.616 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

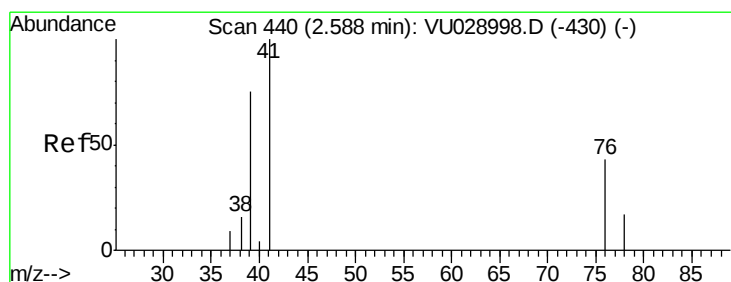
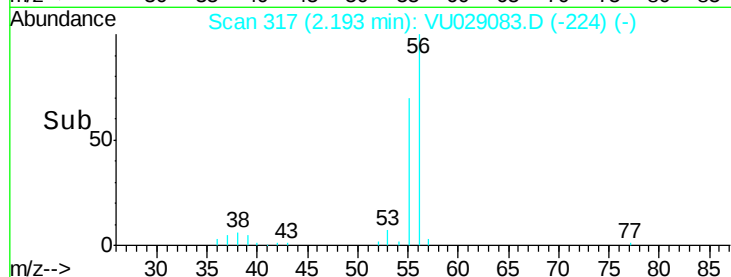
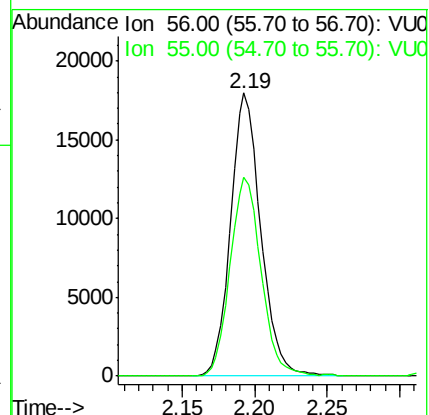
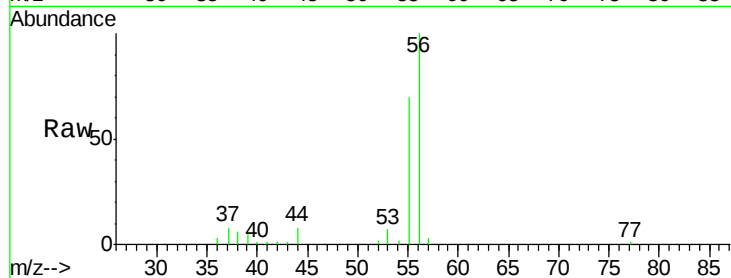
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 56 Resp: 25985

Ion Ratio Lower Upper

56 100

55 71.9 56.5 84.7



#14

Allyl chloride

Concen: 19.321 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

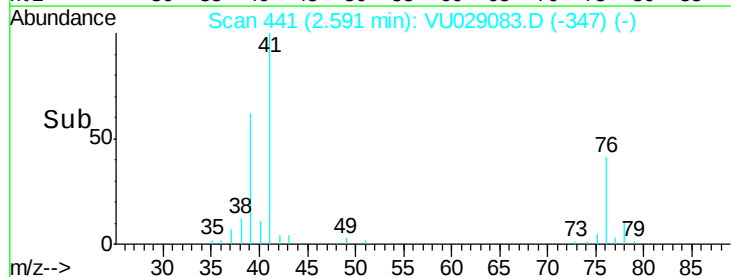
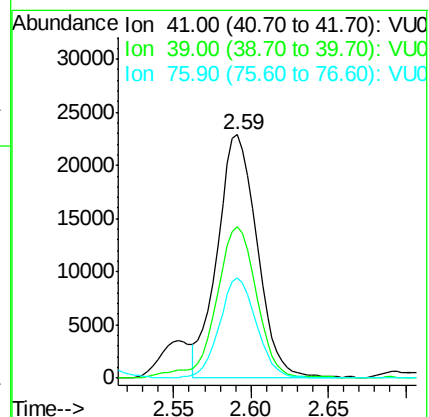
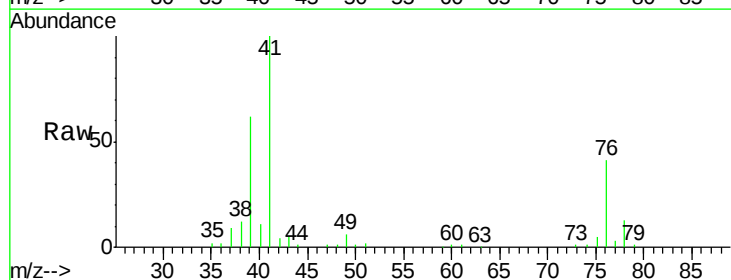
Tgt Ion: 41 Resp: 41061

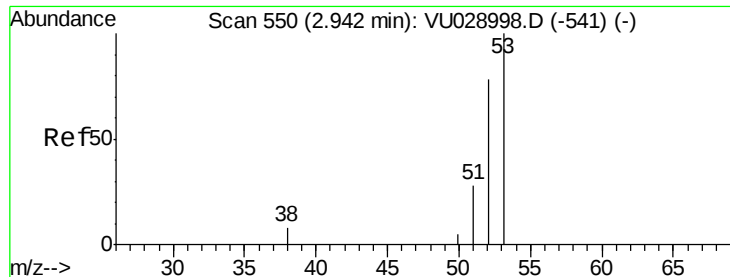
Ion Ratio Lower Upper

41 100

39 63.4 45.0 67.6

76 38.2 28.1 42.1





#15

Acrylonitrile

Concen: 110.135 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

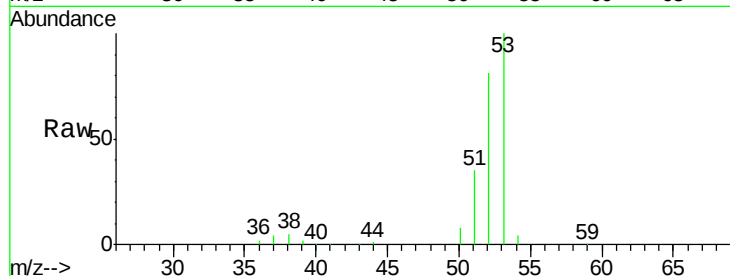
Tot Ion: 53 Resp: 94816

Ion Ratio Lower Upper

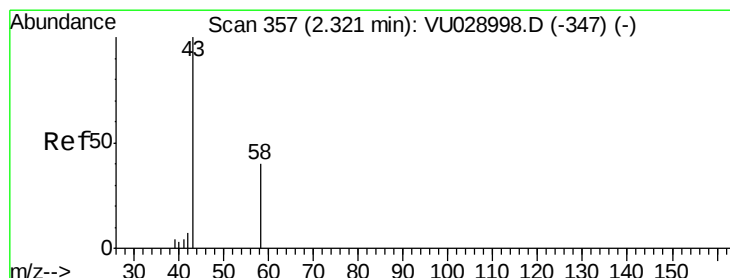
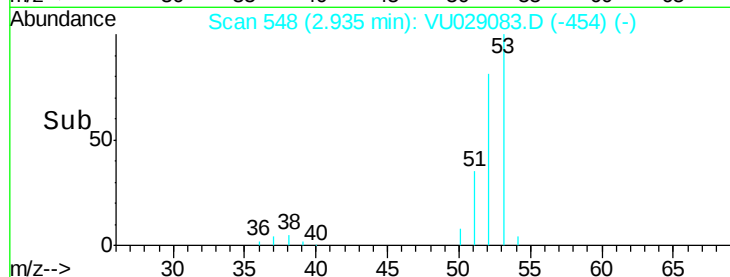
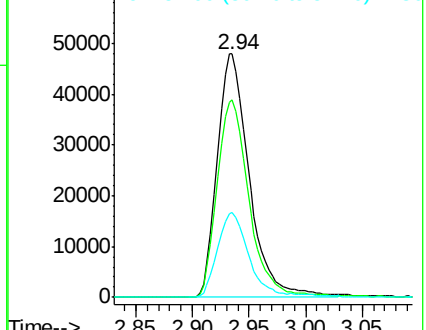
53 100

52 80.8 64.8 97.2

51 34.8 27.3 40.9



Abundance Ion 53.00 (52.70 to 53.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0  
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 101.339 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029083.D

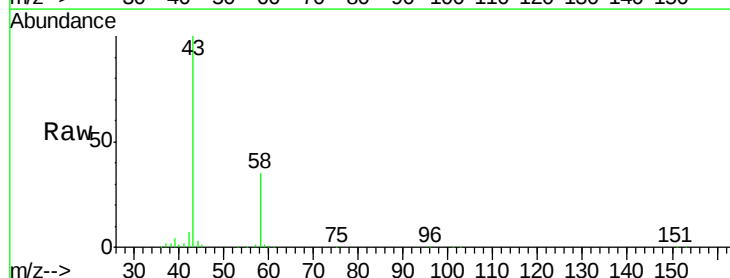
Acq: 09 Jan 2019 10:26

Tgt Ion: 43 Resp: 88133

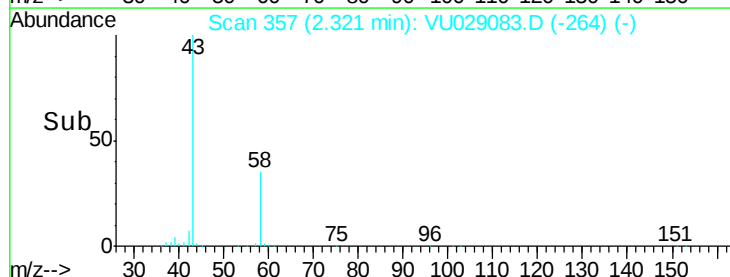
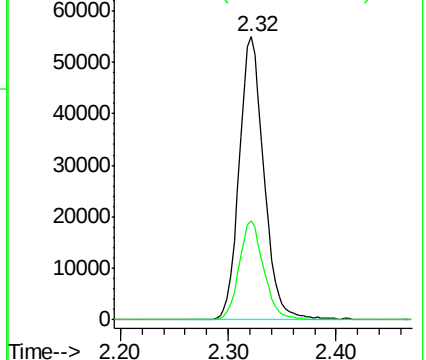
Ion Ratio Lower Upper

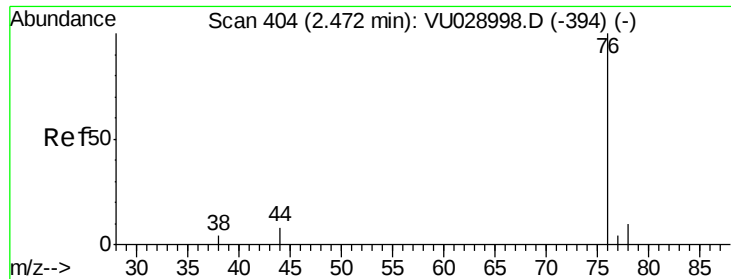
43 100

58 35.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 19.024 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

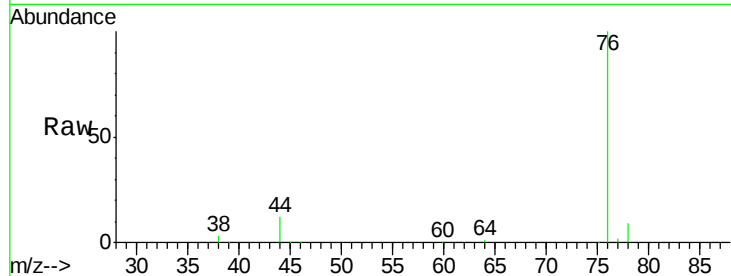
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 76 Resp: 74289

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VU028998.D (-394) (-)

2.48

50000

40000

30000

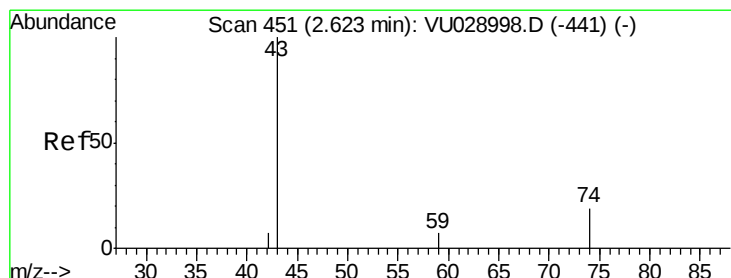
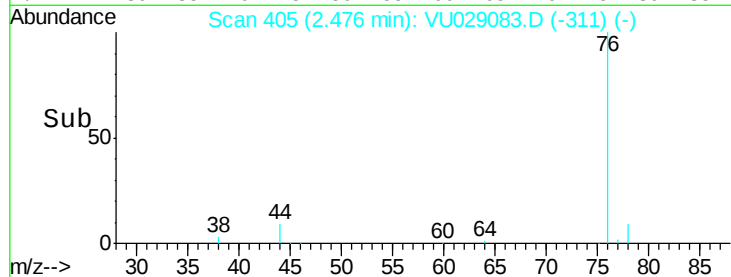
20000

10000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 22.896 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU029083.D

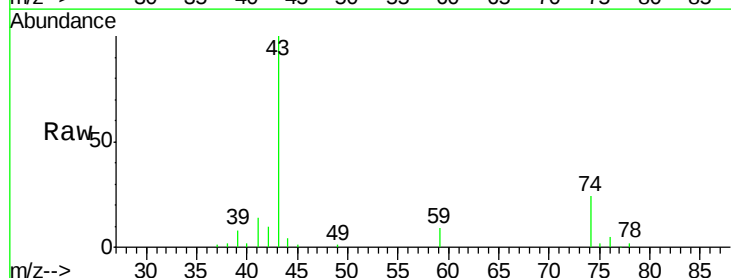
Acq: 09 Jan 2019 10:26

Tgt Ion: 43 Resp: 46300

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VU028998.D (-441) (-)

2.61

30000

25000

20000

15000

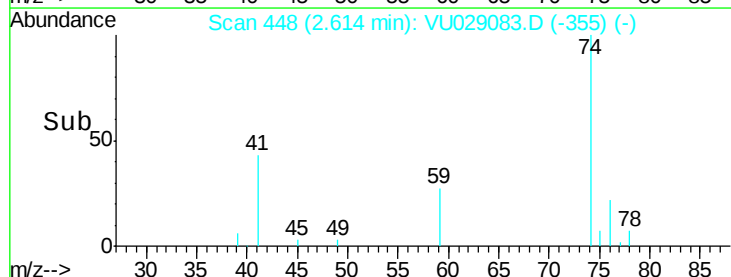
10000

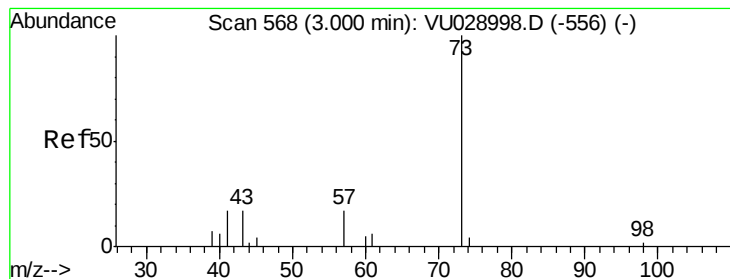
5000

0

Time-->

2.55 2.60 2.65 2.70



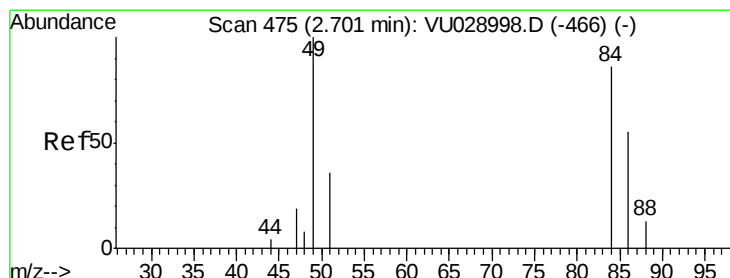
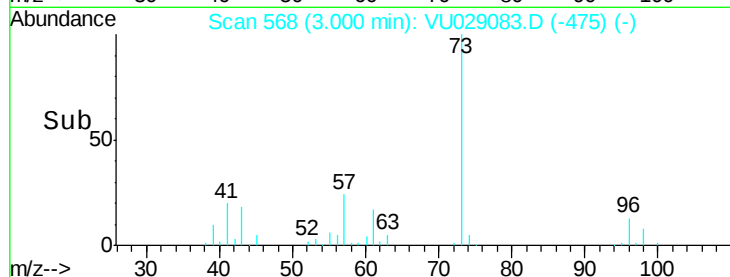
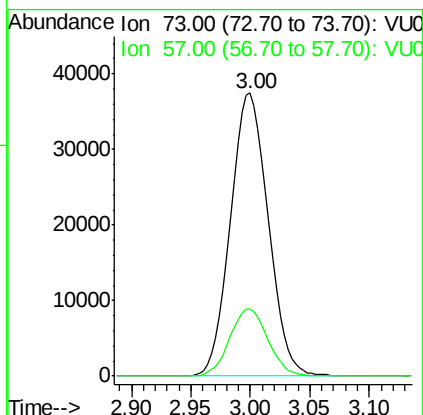
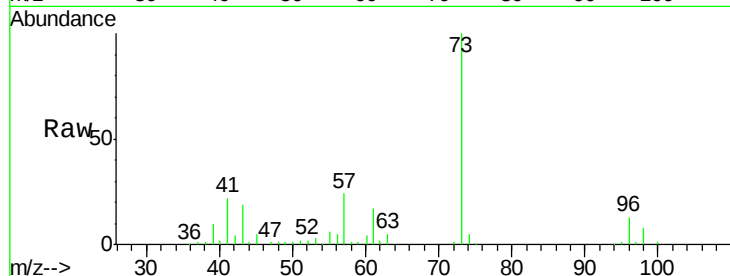


#19

Methyl tert-butyl Ether  
 Concen: 20.230 ug/l  
 RT: 3.00 min Scan# 568  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :

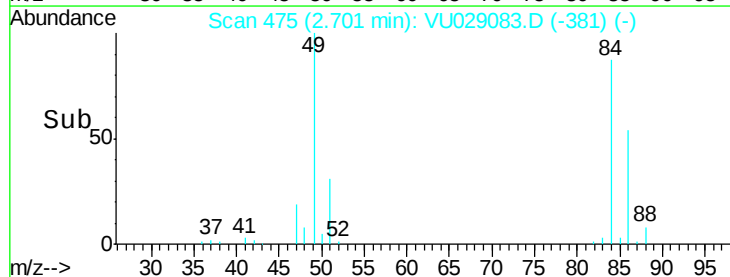
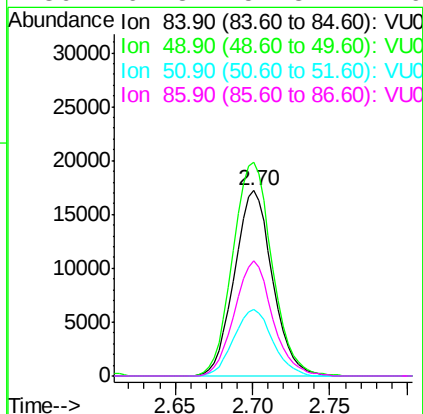
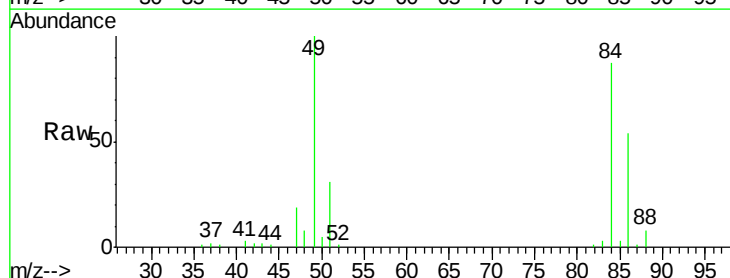
Tot Ion: 73 Resp: 82376  
 Ion Ratio Lower Upper  
 73 100  
 57 23.9 18.6 28.0

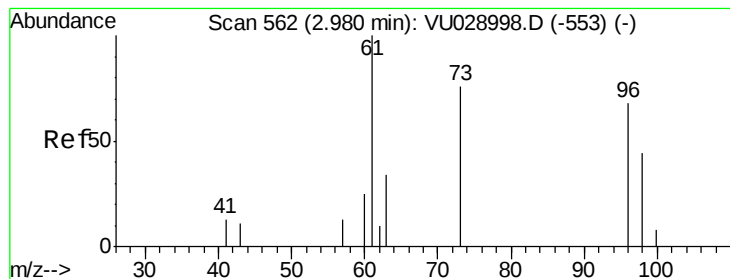


#20

Methylene Chloride  
 Concen: 19.968 ug/l  
 RT: 2.70 min Scan# 475  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 84 Resp: 29485  
 Ion Ratio Lower Upper  
 84 100  
 49 115.1 91.9 137.9  
 51 35.8 29.2 43.8  
 86 61.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.645 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampled :

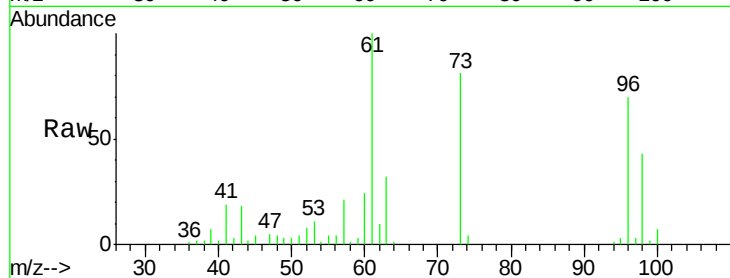
Tot Ion: 96 Resp: 26435

Ion Ratio Lower Upper

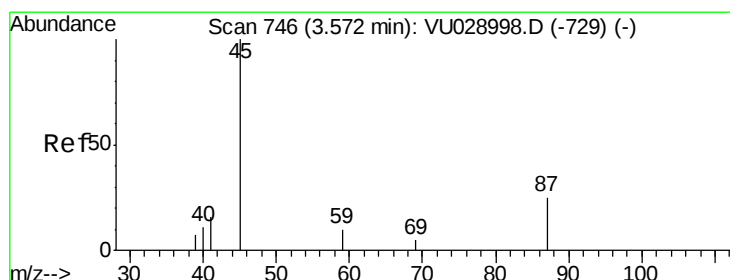
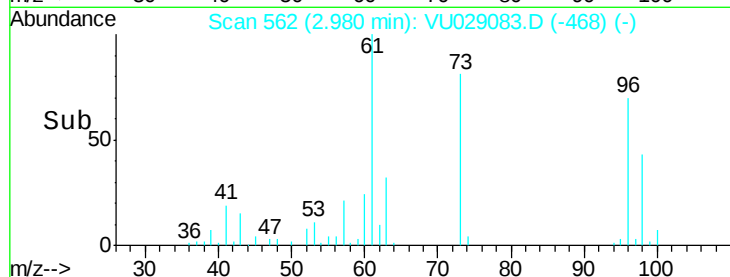
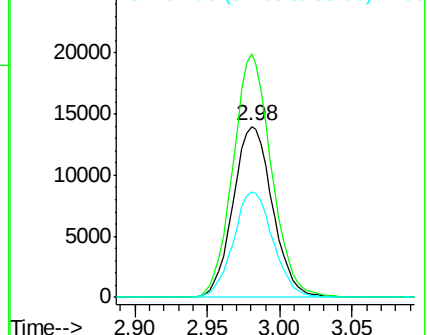
96 100

61 142.1 107.7 161.5

98 61.8 49.2 73.8



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



#22

Diisopropyl ether

Concen: 21.487 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Tgt Ion: 45 Resp: 90249

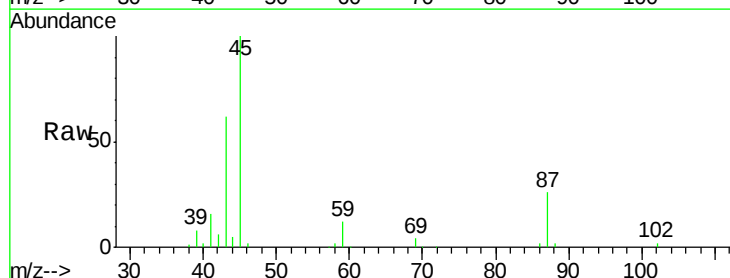
Ion Ratio Lower Upper

45 100

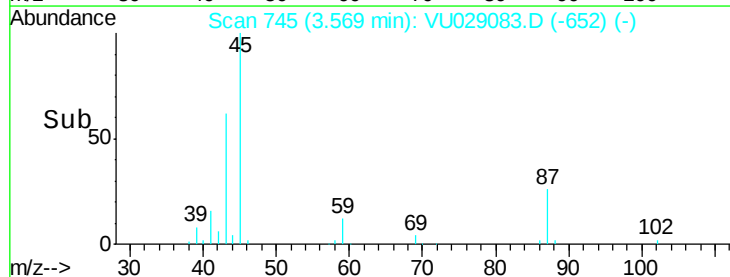
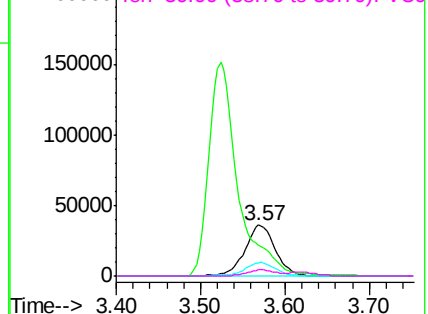
43 59.8 44.7 67.1

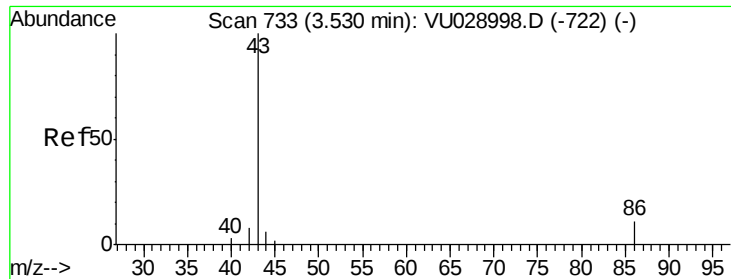
87 26.2 22.2 33.2

59 11.7 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VU0  
Ion 43.00 (42.70 to 43.70): VU0  
Ion 87.00 (86.70 to 87.70): VU0  
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 105.943 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

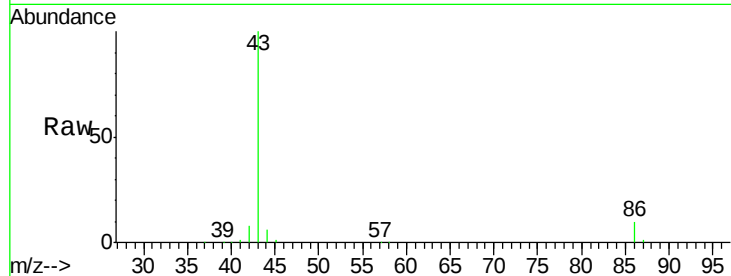
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 363770

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU029083.D (-637) (-)

Ion 86.00 (85.70 to 86.70): VU029083.D (-637) (-)

3.52

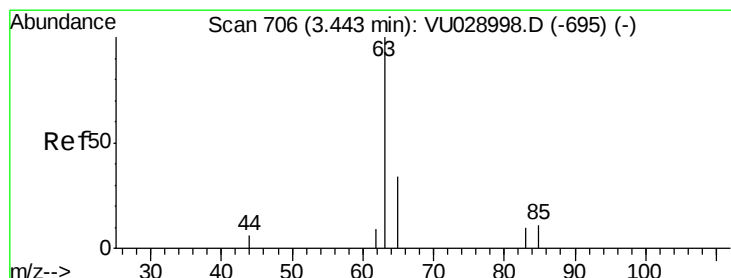
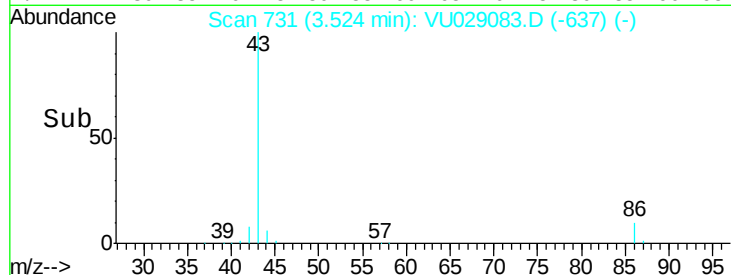
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.059 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

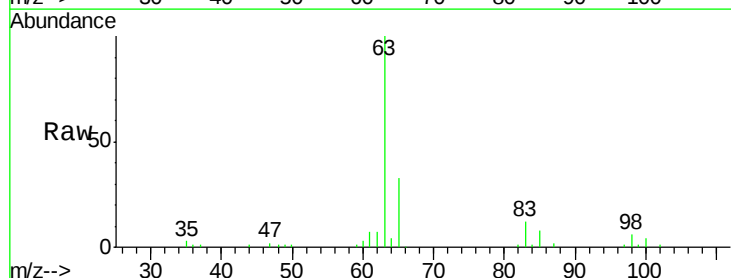
Tgt Ion: 63 Resp: 51060

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU029083.D (-613) (-)

Ion 97.90 (97.60 to 98.60): VU029083.D (-613) (-)

Ion 99.90 (99.60 to 100.60): VU029083.D (-613) (-)

3.44

30000

25000

20000

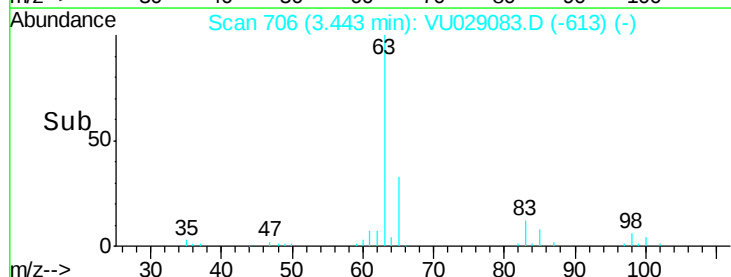
15000

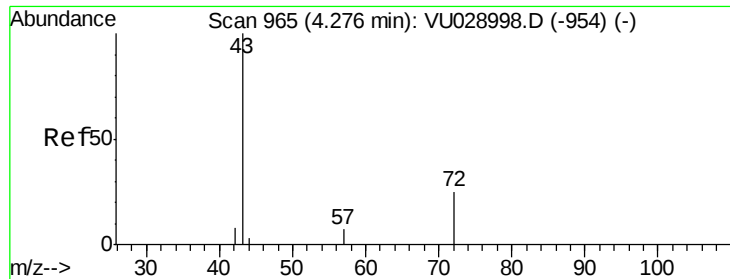
10000

5000

0

Time-->





#25

2-Butanone

Concen: 111.282 ug/l

RT: 4.26 min Scan# 960

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

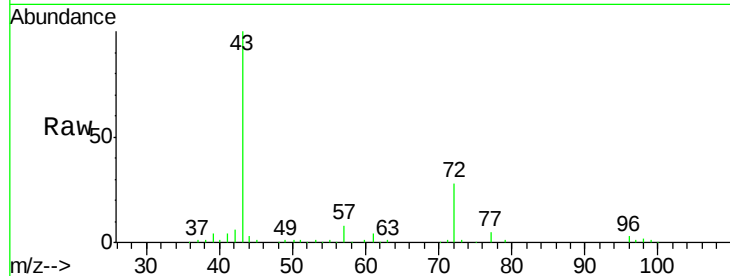
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 130716

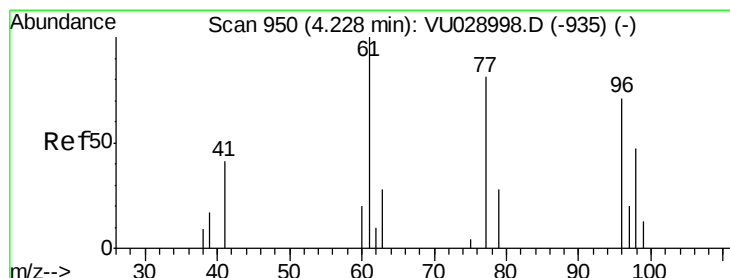
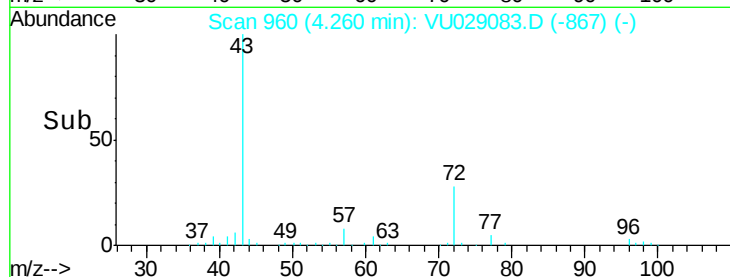
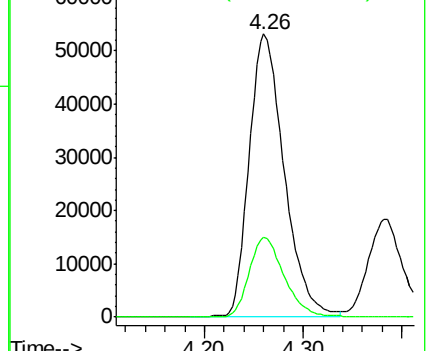
Ion Ratio Lower Upper

43 100

72 28.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-954) (-)



#26

2,2-Dichloropropane

Concen: 20.963 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU029083.D

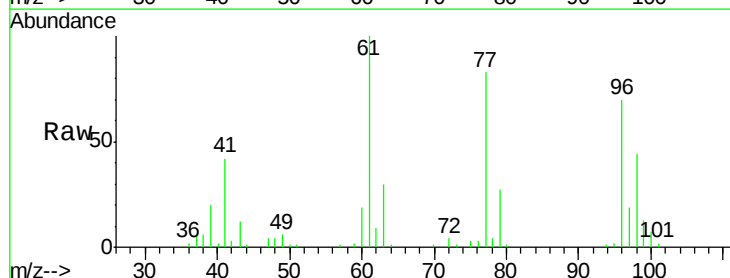
Acq: 09 Jan 2019 10:26

Tgt Ion: 77 Resp: 41069

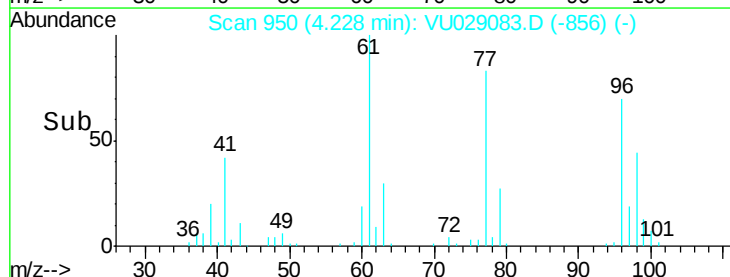
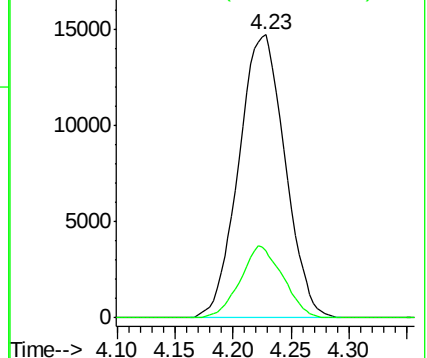
Ion Ratio Lower Upper

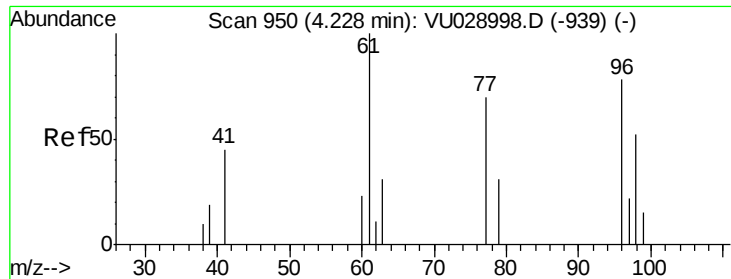
77 100

97 23.3 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028998.D (-935) (-)

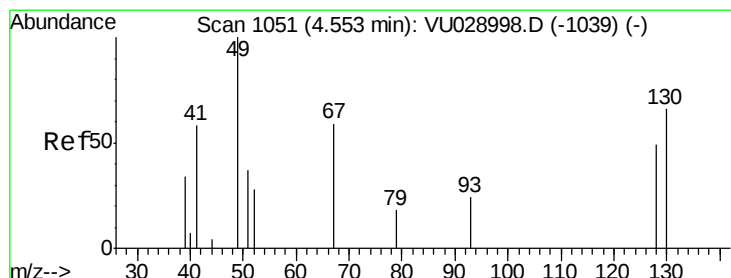
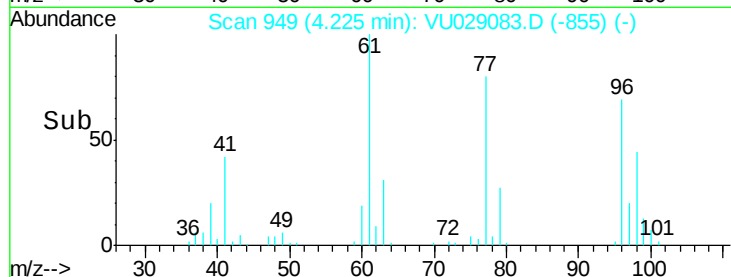
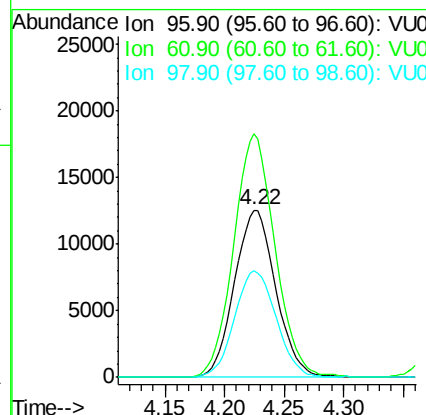
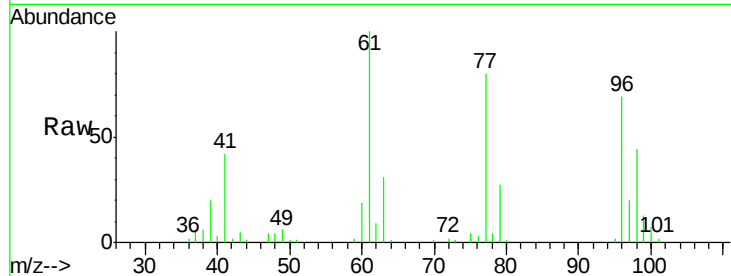




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.505 ug/l  
 RT: 4.22 min Scan# 949  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

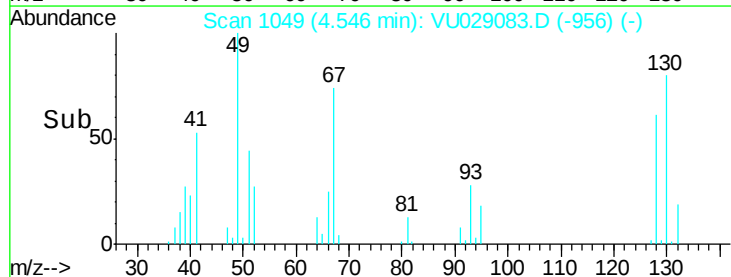
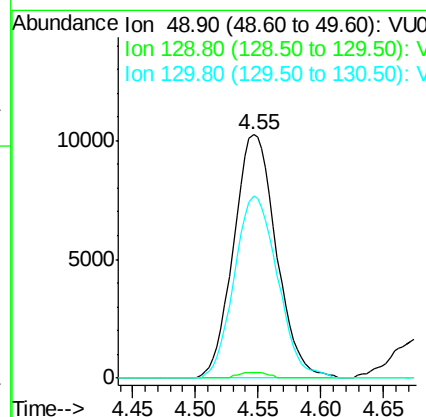
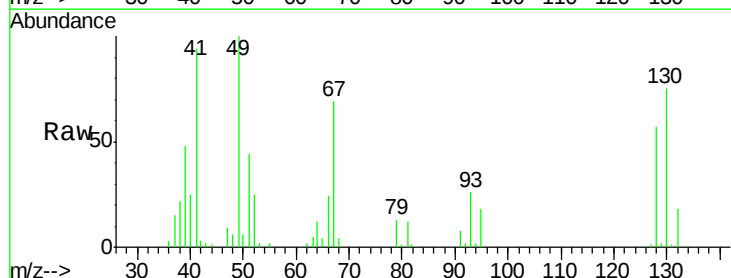
Instrument :  
 MSVOA\_U  
 ClientSampled :

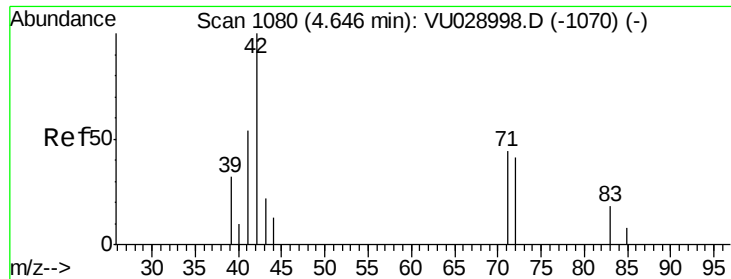
Tot Ion: 96 Resp: 30179  
 Ion Ratio Lower Upper  
 96 100  
 61 145.7 0.0 285.6  
 98 64.2 0.0 130.2



#28  
 Bromochloromethane  
 Concen: 23.344 ug/l  
 RT: 4.55 min Scan# 1049  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 49 Resp: 24236  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 3.4  
 130 75.8 62.9 94.3

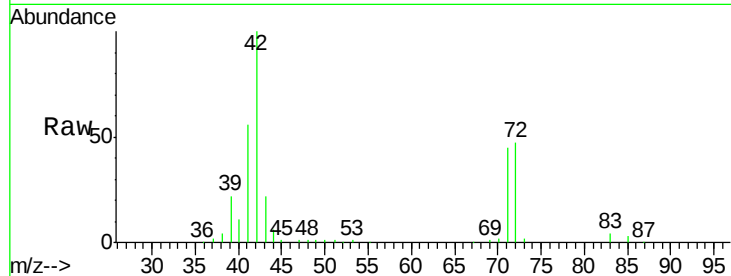




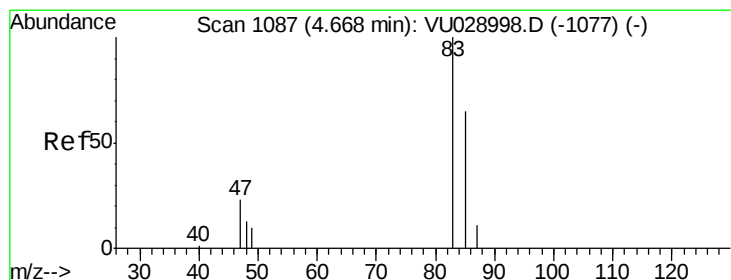
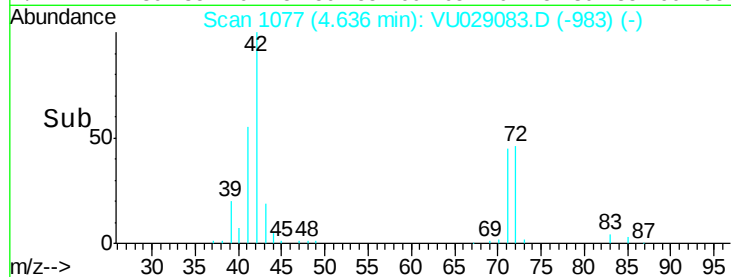
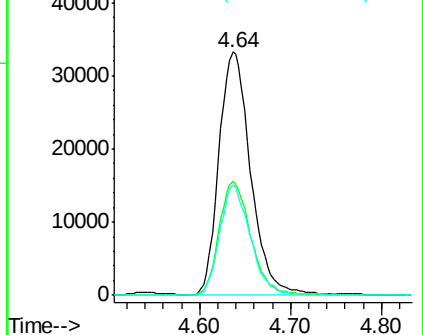
#29  
Tetrahydrofuran  
Concen: 113.618 ug/l  
RT: 4.64 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 42 Resp: 80945  
Ion Ratio Lower Upper  
42 100  
72 46.5 38.3 57.5  
71 43.8 36.1 54.1

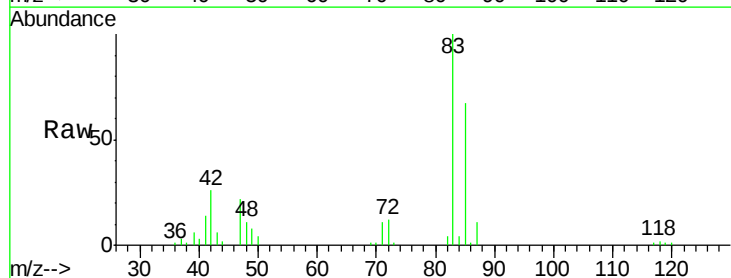


Abundance Ion 42.00 (41.70 to 42.70): VU0  
Ion 72.00 (71.70 to 72.70): VU0  
Ion 71.00 (70.70 to 71.70): VU0

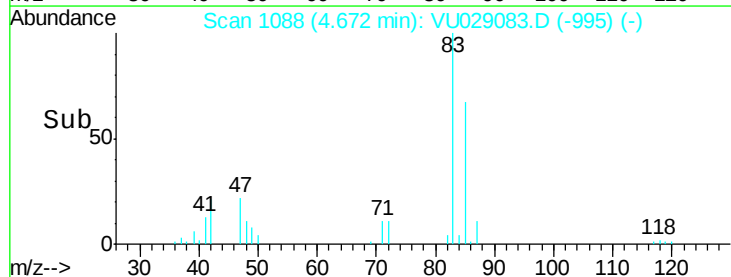
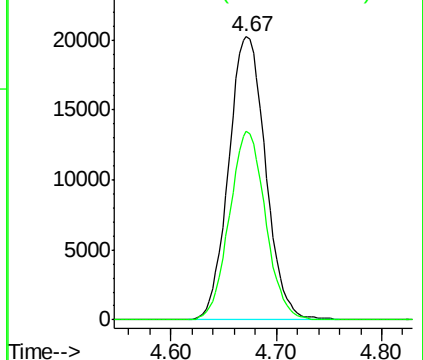


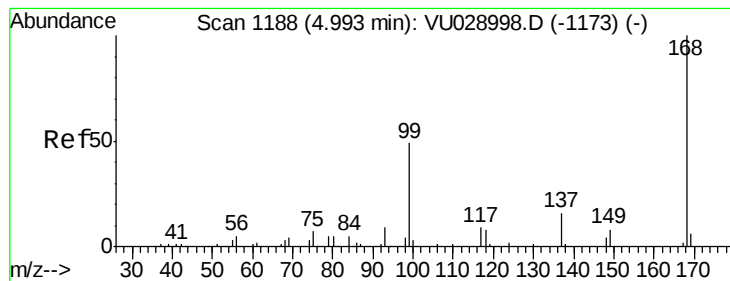
#30  
Chloroform  
Concen: 21.283 ug/l  
RT: 4.67 min Scan# 1088  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 83 Resp: 49150  
Ion Ratio Lower Upper  
83 100  
85 66.9 53.4 80.0



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





#31

Cyclohexane

Concen: 19.958 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampled :

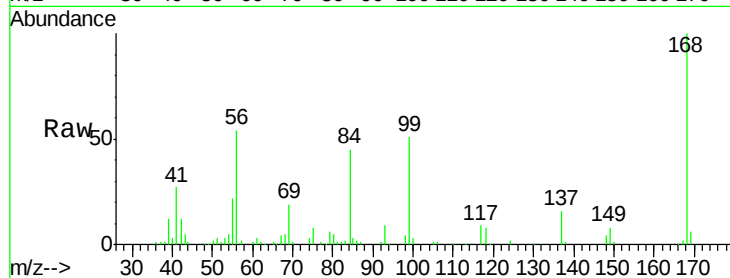
Tot Ion: 56 Resp: 47224

Ion Ratio Lower Upper

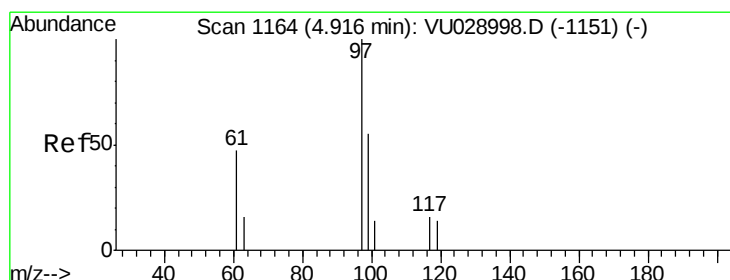
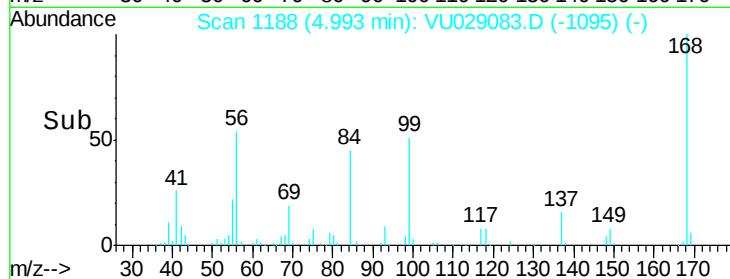
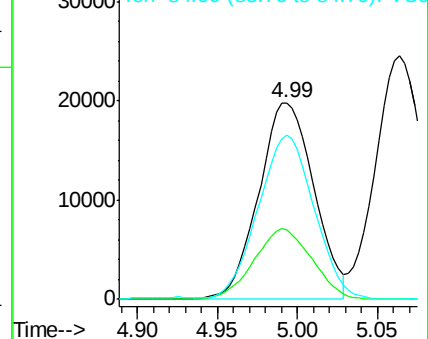
56 100

69 35.3 26.7 40.1

84 83.3 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 20.732 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

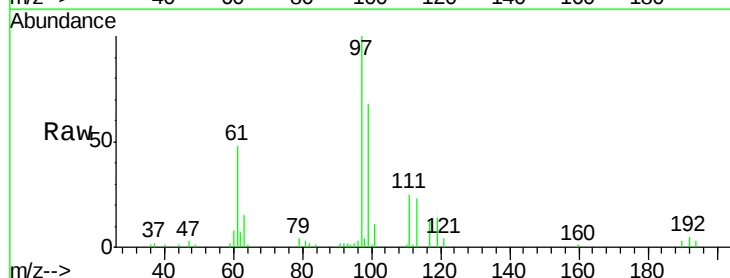
Tgt Ion: 97 Resp: 39561

Ion Ratio Lower Upper

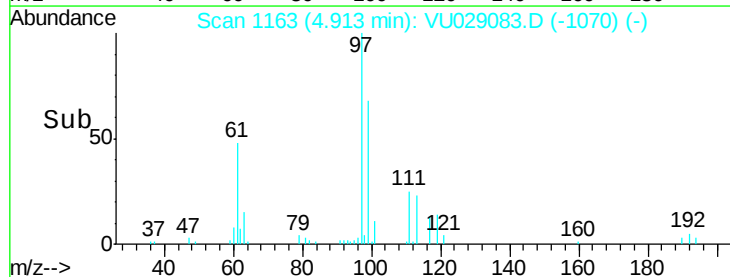
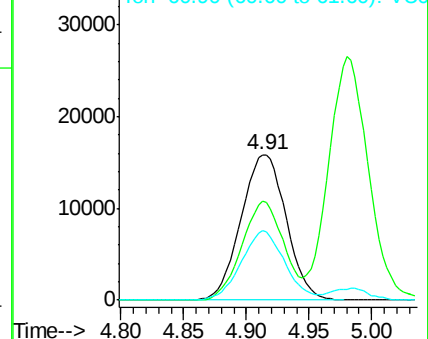
97 100

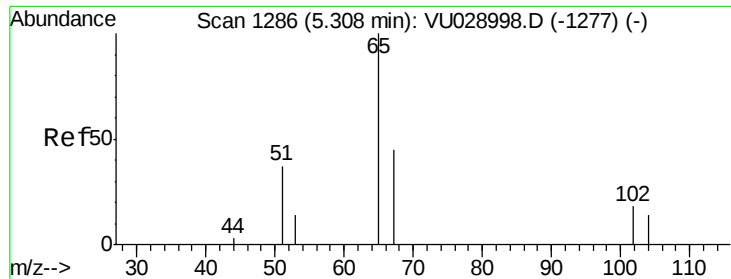
99 63.4 51.0 76.4

61 46.1 34.4 51.6



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

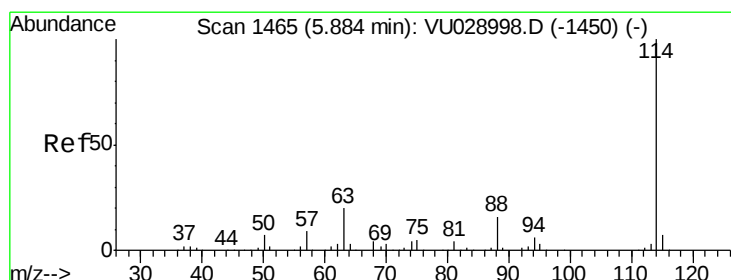
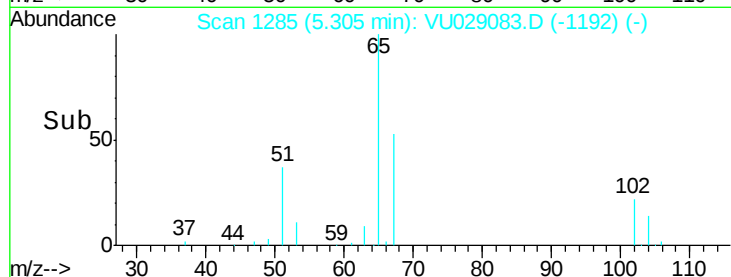
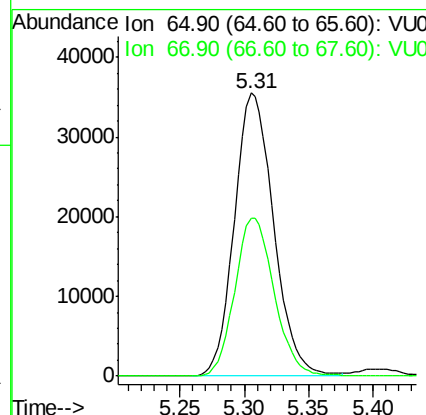
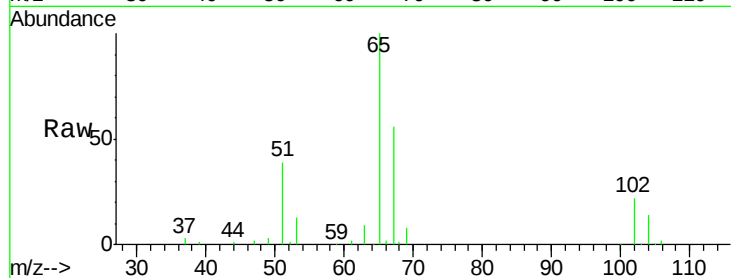




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.464 ug/l  
 RT: 5.31 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

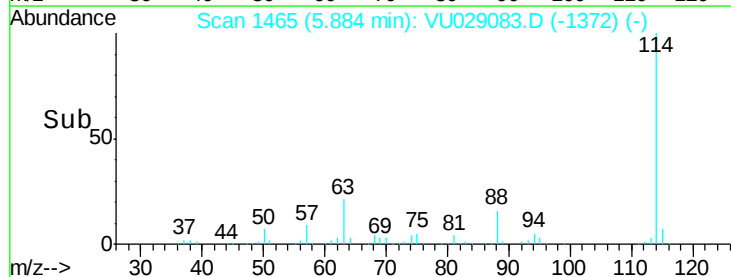
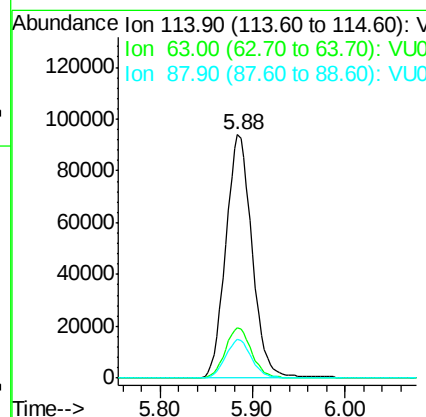
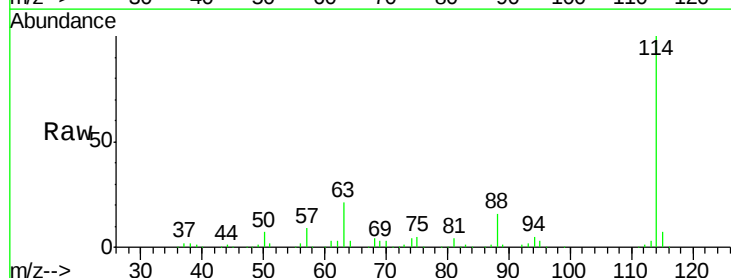
Instrument :  
 MSVOA\_U  
 ClientSampleId :

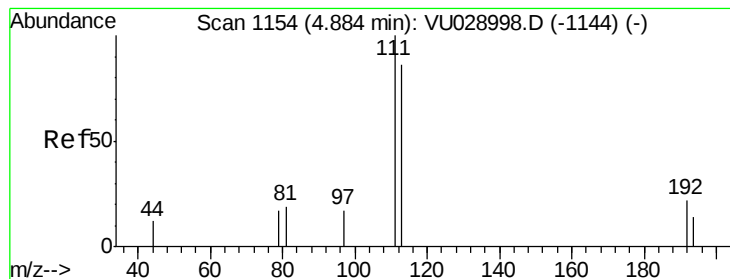
Tot Ion: 65 Resp: 75189  
 Ion Ratio Lower Upper  
 65 100  
 67 55.9 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.88 min Scan# 1465  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 114 Resp: 184680  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 40.2  
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.789 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

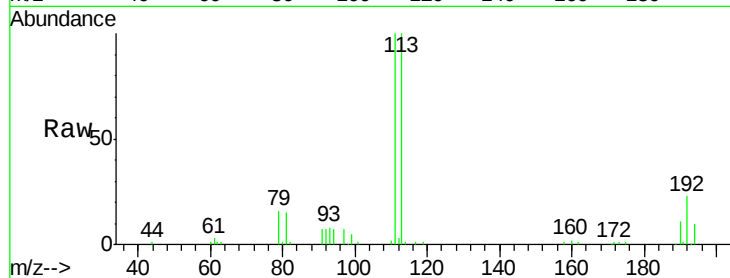
Tot Ion:113 Resp: 63196

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

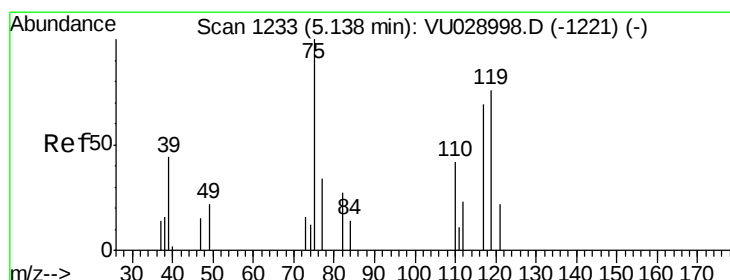
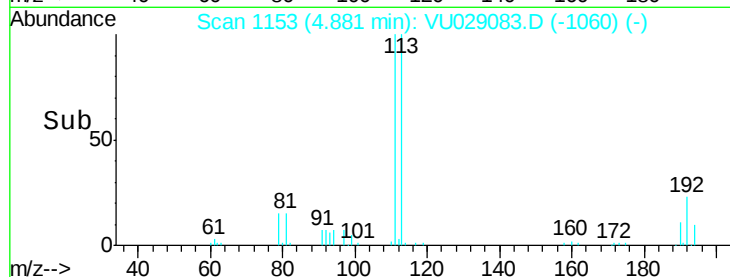
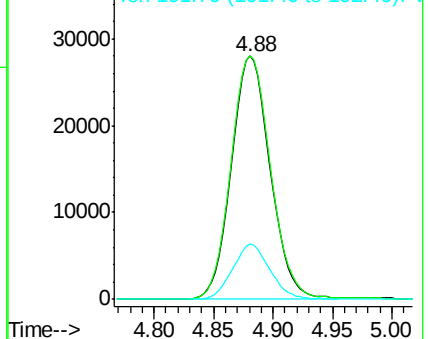
192 21.8 16.8 25.2



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: 20.065 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

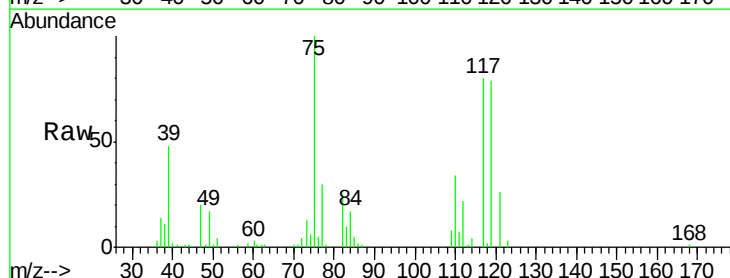
Tgt Ion: 75 Resp: 37040

Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.4

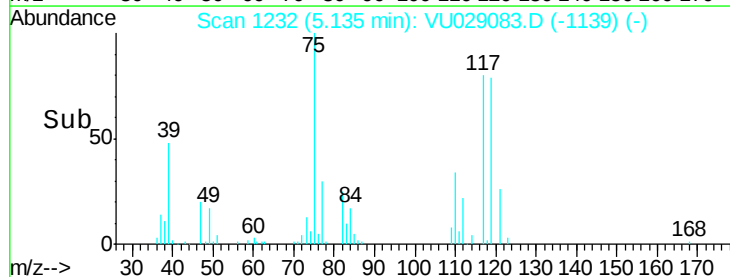
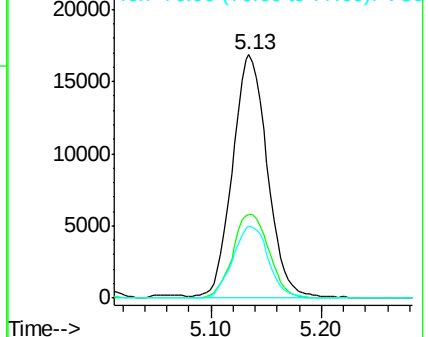
77 30.0 25.1 37.7

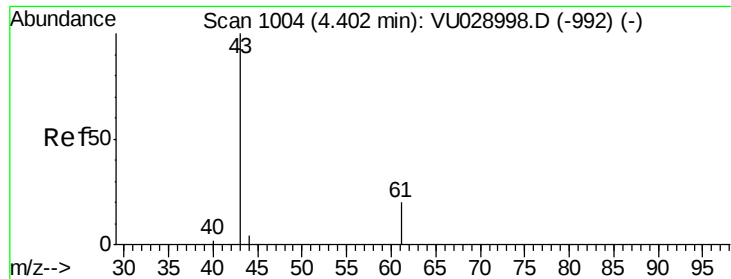


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

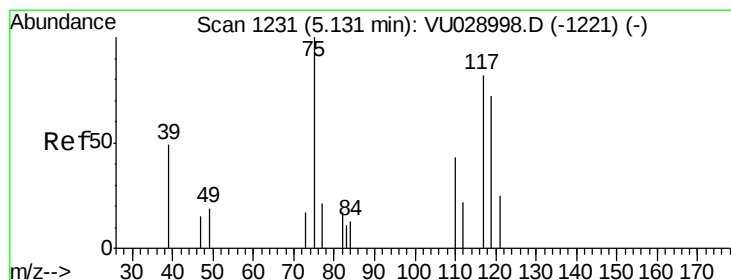
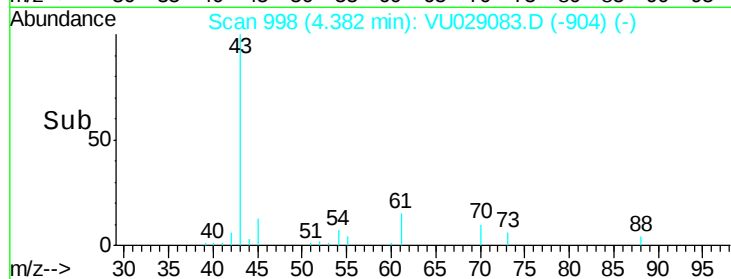
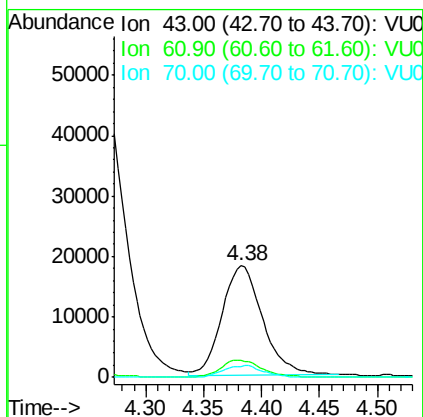
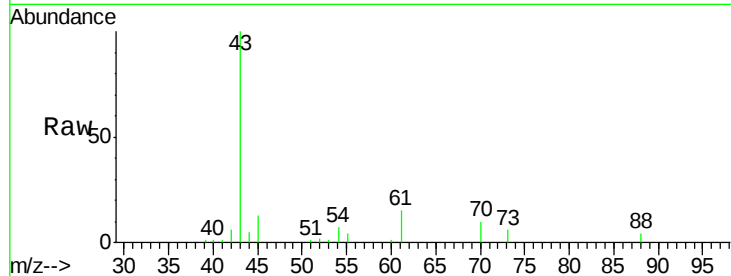




#37  
Ethyl Acetate  
Concen: 21.966 ug/l  
RT: 4.38 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

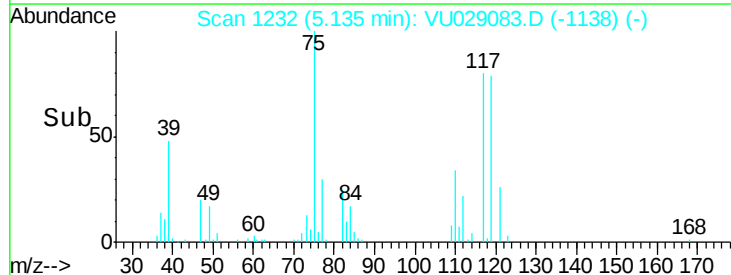
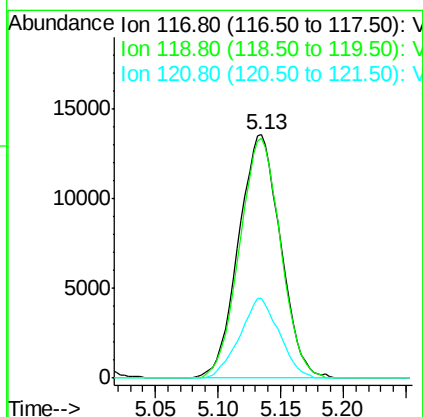
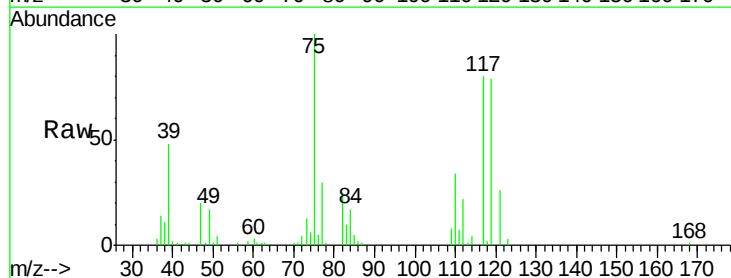
Instrument :  
MSVOA\_U  
ClientSampled :

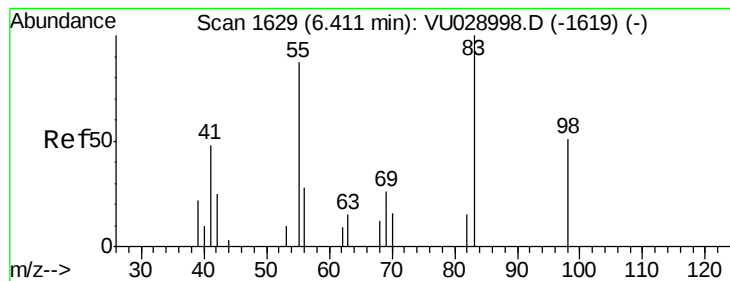
Tot Ion: 43 Resp: 44508  
Ion Ratio Lower Upper  
43 100  
61 15.5 12.6 18.8  
70 10.7 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 20.518 ug/l  
RT: 5.13 min Scan# 1232  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 117 Resp: 31590  
Ion Ratio Lower Upper  
117 100  
119 98.5 74.6 111.8  
121 32.9 25.0 37.6





#39

Methvlcvclohexane

Concen: 19.137 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

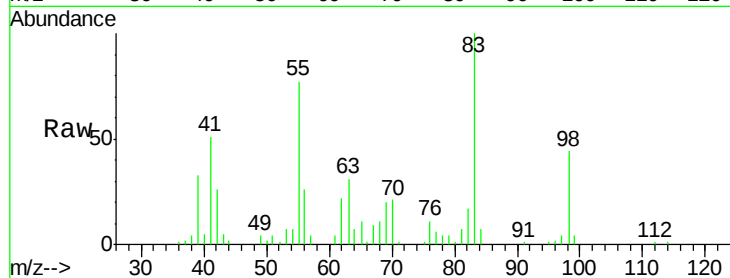
Tot Ion: 83 Resp: 43430

Ion Ratio Lower Upper

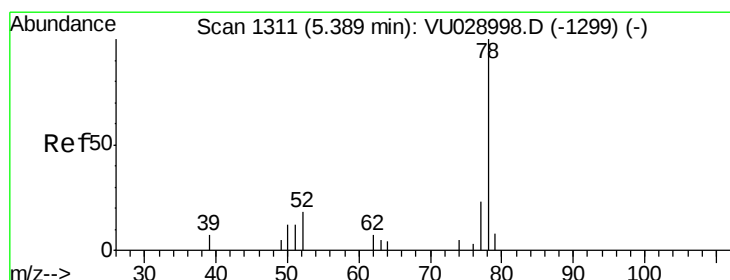
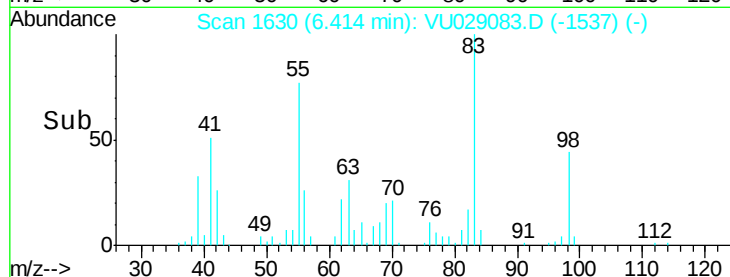
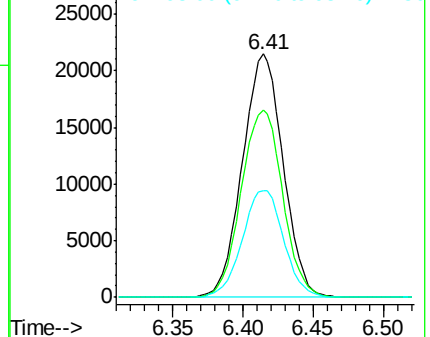
83 100

55 76.8 62.4 93.6

98 43.9 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VU0  
Ion 55.00 (54.70 to 55.70): VU0  
Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 20.362 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU029083.D

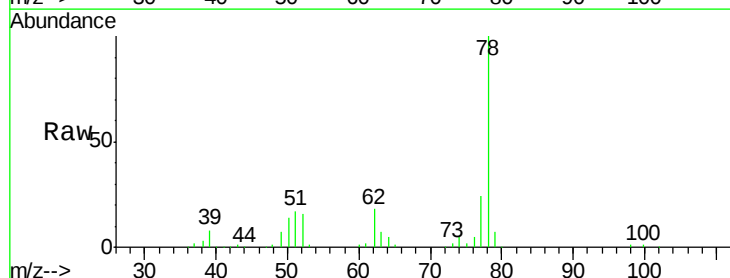
Acq: 09 Jan 2019 10:26

Tgt Ion: 78 Resp: 117244

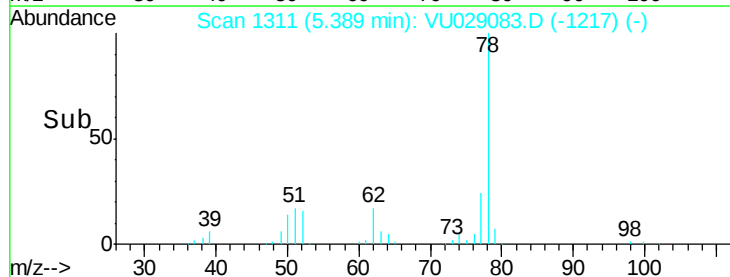
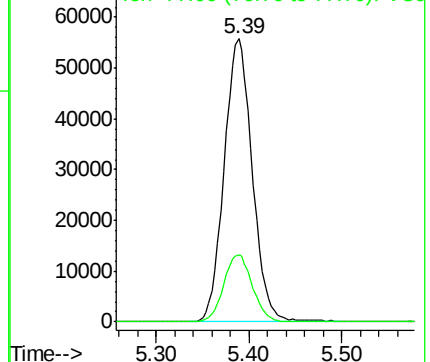
Ion Ratio Lower Upper

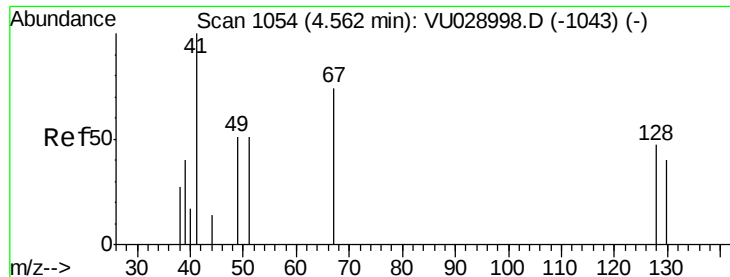
78 100

77 23.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0  
Ion 77.00 (76.70 to 77.70): VU0

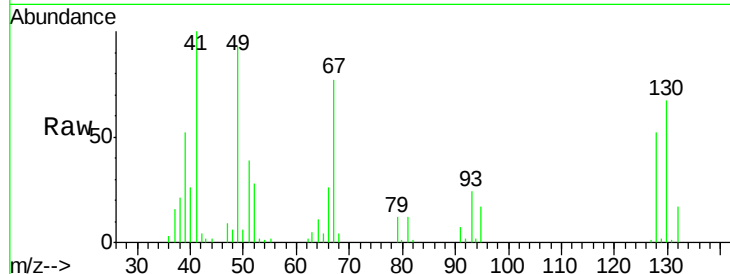




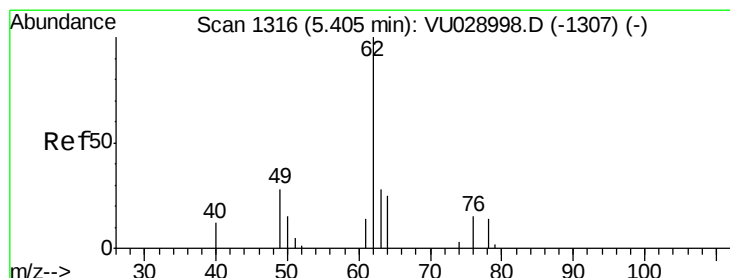
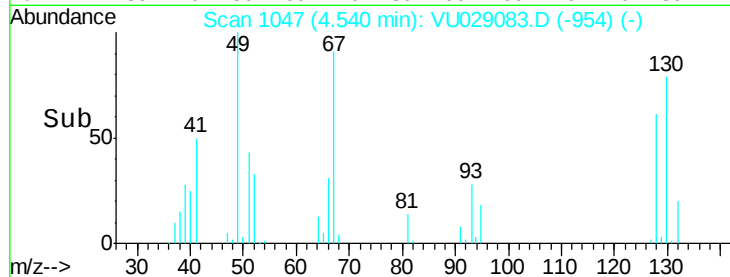
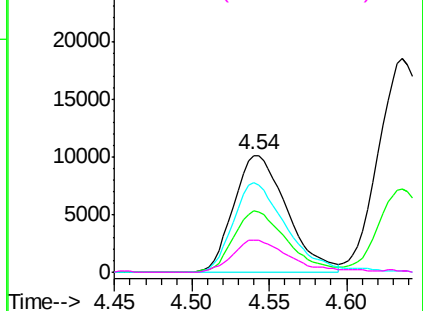
#41  
Methacrylonitrile  
Concen: 22.325 ug/l  
RT: 4.54 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 24214 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.4  | 42.3  | 63.5  |
| 67       | 76.0  | 64.4  | 96.6  |
| 52       | 29.0  | 23.9  | 35.9  |

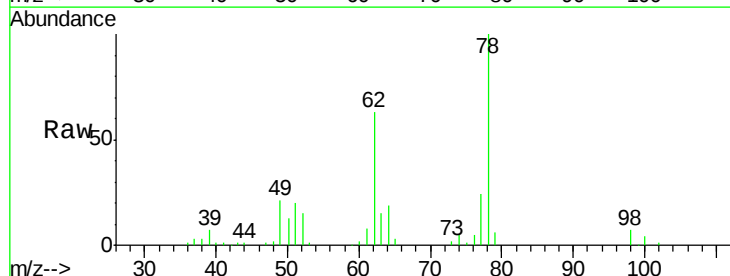


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

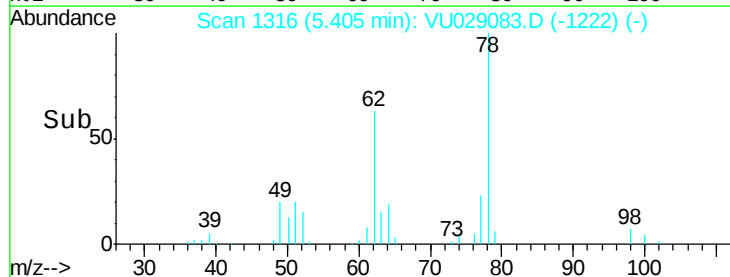
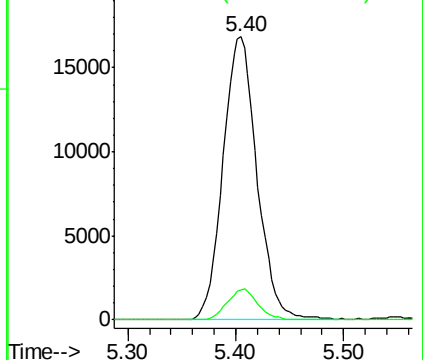


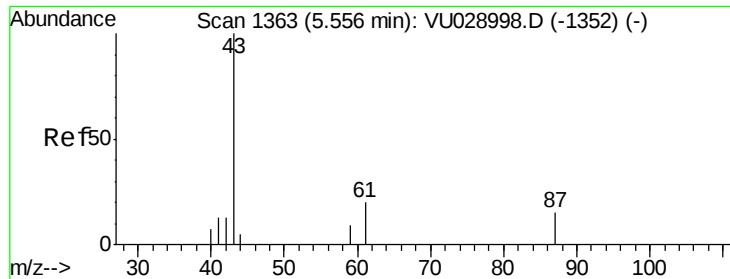
#42  
1,2-Dichloroethane  
Concen: 21.337 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 36918 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.8   | 0.0   | 19.6  |



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

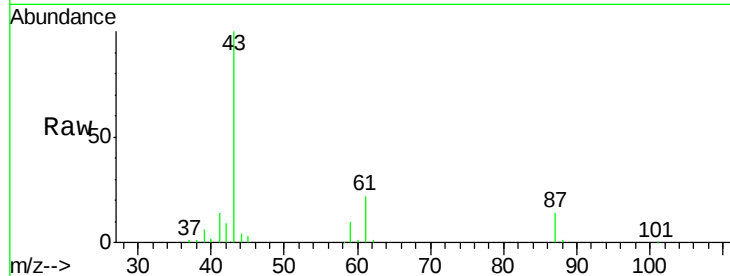




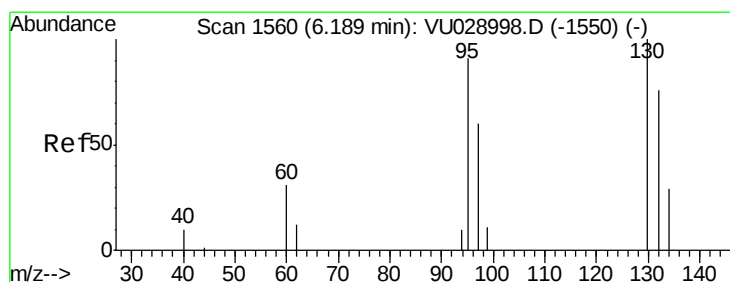
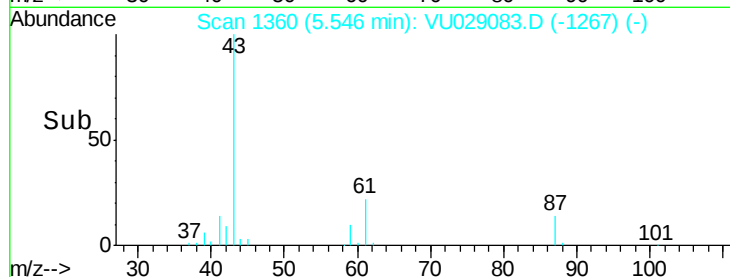
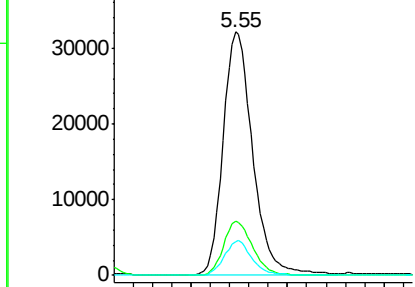
#43  
Isopropyl Acetate  
Concen: 22.116 ug/l  
RT: 5.55 min Scan# 1360  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 68740  
Ion Ratio Lower Upper  
43 100  
61 21.5 17.8 26.6  
87 13.1 11.3 16.9

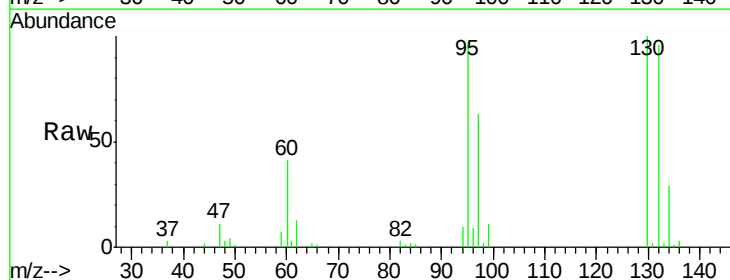


Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1352) (-)  
Ion 61.00 (60.70 to 61.70): VU028998.D (-1352) (-)  
Ion 87.00 (86.70 to 87.70): VU028998.D (-1352) (-)

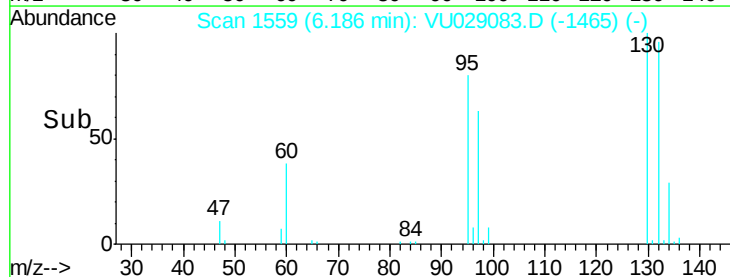
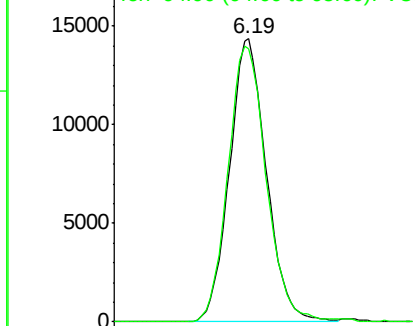


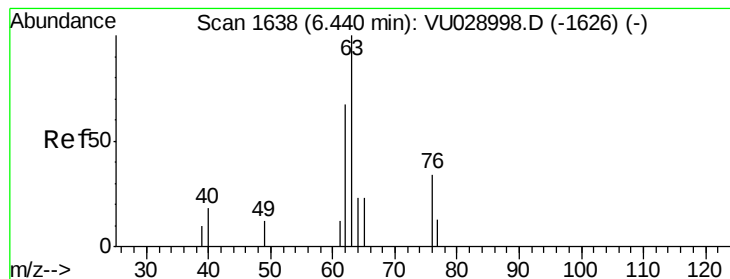
#44  
Trichloroethene  
Concen: 19.485 ug/l  
RT: 6.19 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 130 Resp: 27799  
Ion Ratio Lower Upper  
130 100  
95 96.7 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU028998.D (-1550) (-)  
Ion 94.90 (94.60 to 95.60): VU028998.D (-1550) (-)





#45

1,2-Dichloropropane

Concen: 21.061 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

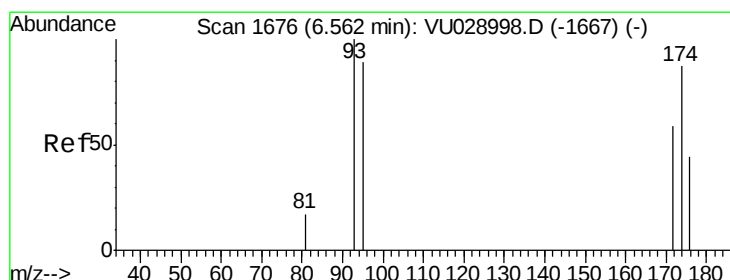
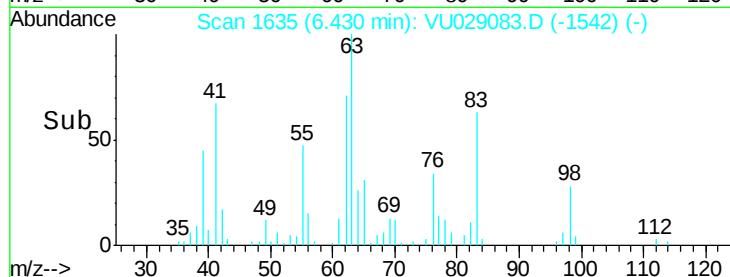
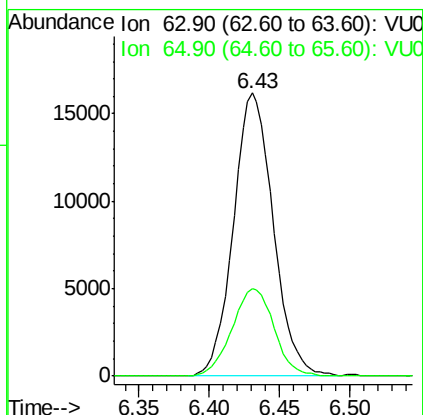
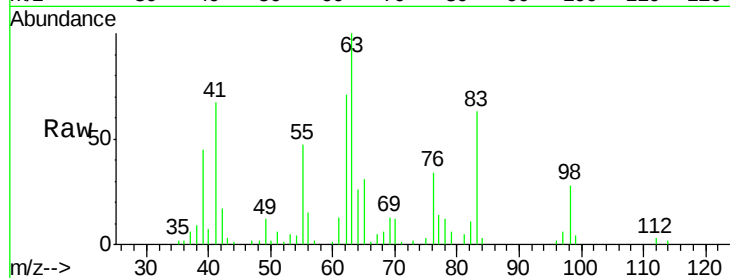
ClientSampled :

Tot Ion: 63 Resp: 32025

Ion Ratio Lower Upper

63 100

65 31.0 25.1 37.7



#46

Dibromomethane

Concen: 20.611 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

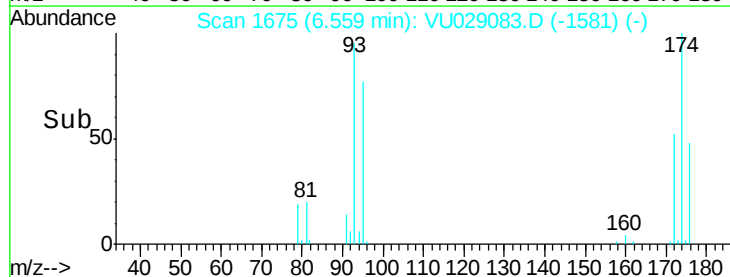
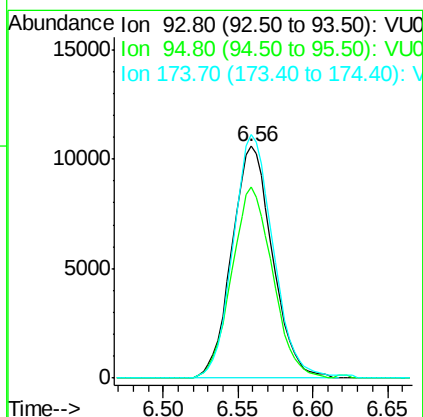
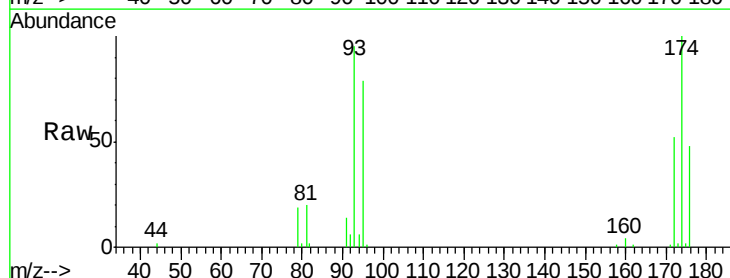
Tgt Ion: 93 Resp: 20035

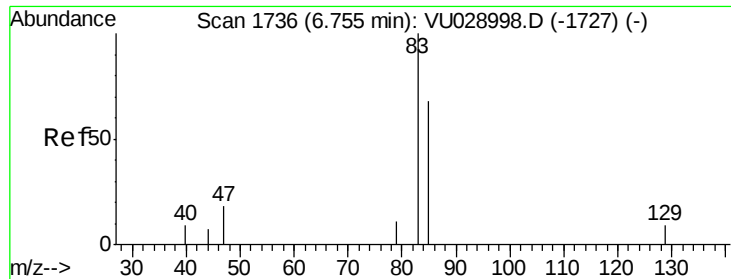
Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

174 103.9 82.6 123.8

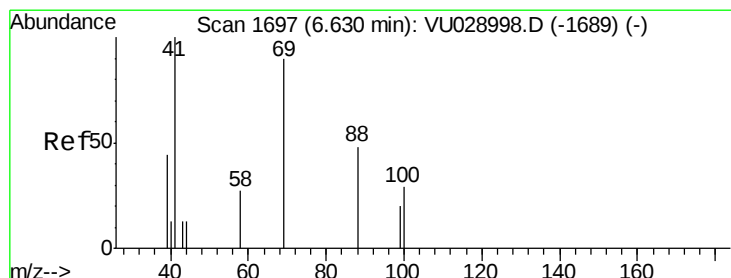
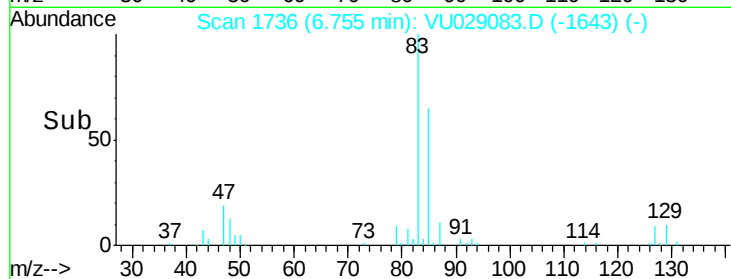
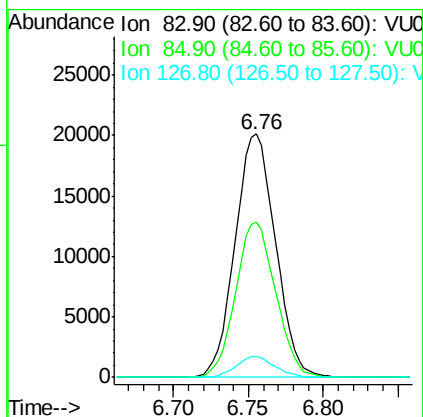
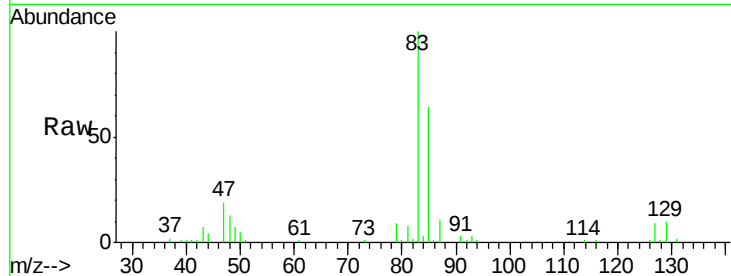




#47  
Bromodichloromethane  
Concen: 21.151 ug/l  
RT: 6.76 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

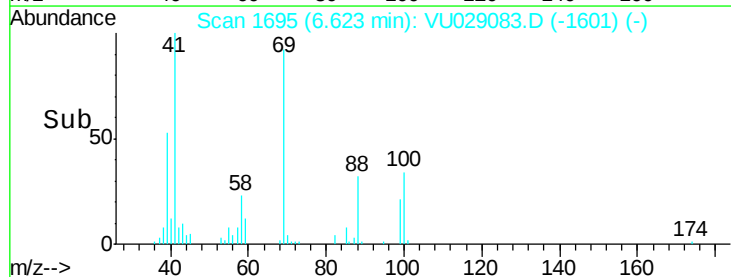
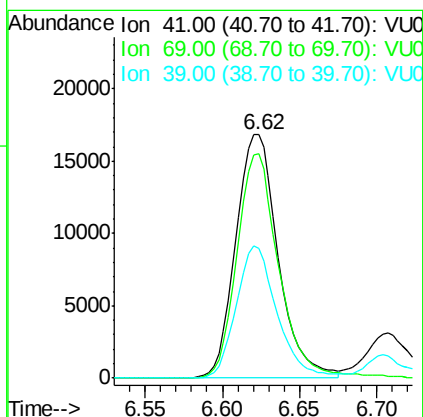
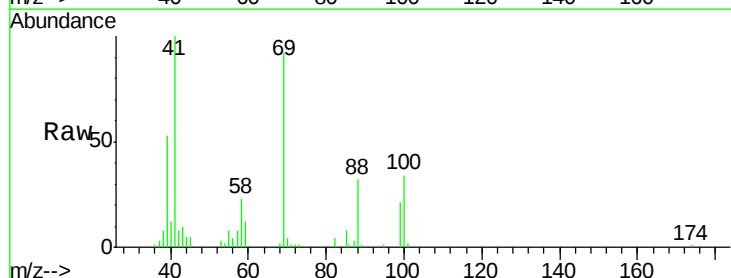
Instrument :  
MSVOA\_U  
ClientSampleId :

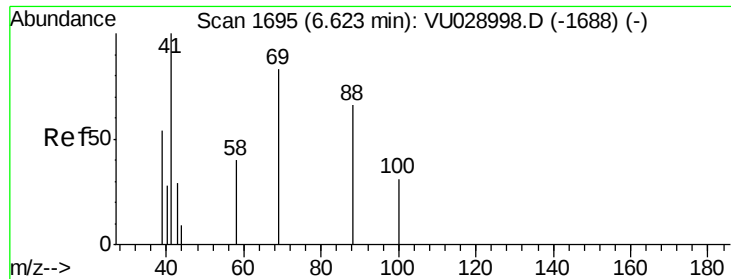
Tot Ion: 83 Resp: 37855  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.4 77.2  
127 8.8 7.0 10.4



#48  
Methyl methacrylate  
Concen: 21.213 ug/l  
RT: 6.62 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 41 Resp: 32106  
Ion Ratio Lower Upper  
41 100  
69 91.4 73.6 110.4  
39 51.8 39.6 59.4

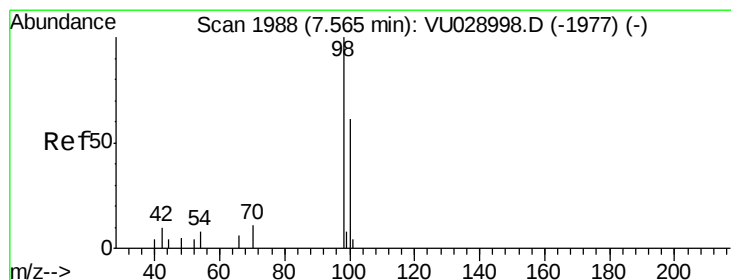
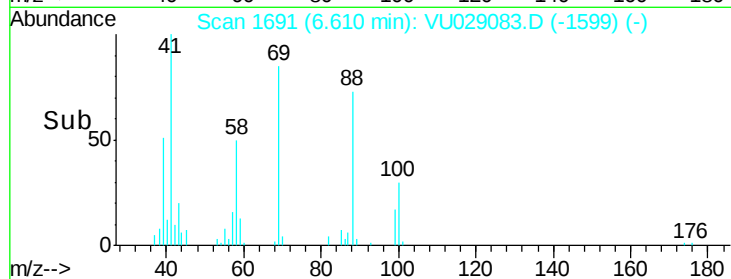
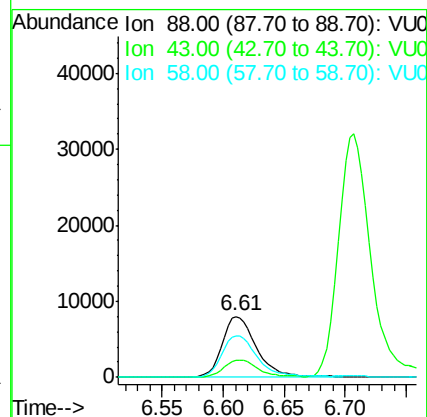
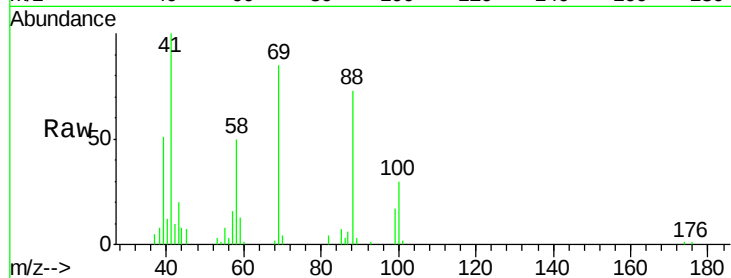




#49  
1,4-Dioxane  
Concen: 440.654 ug/l  
RT: 6.61 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

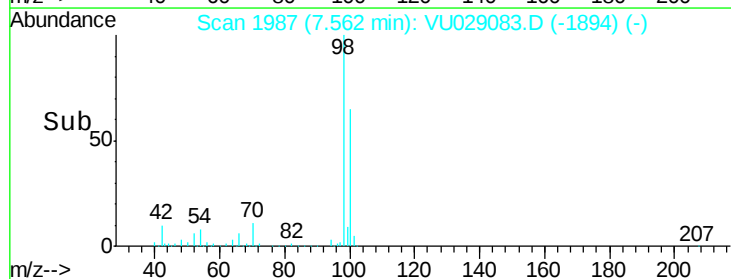
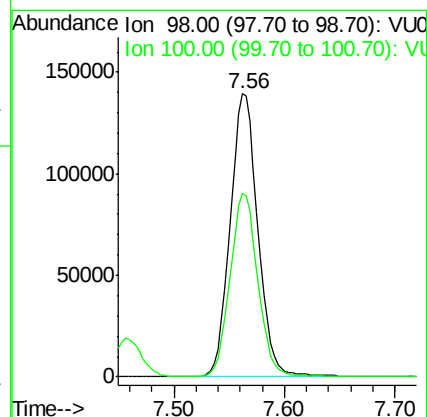
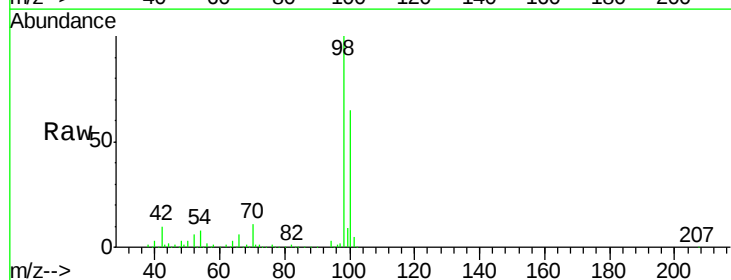
Instrument :  
MSVOA\_U  
ClientSampleId :

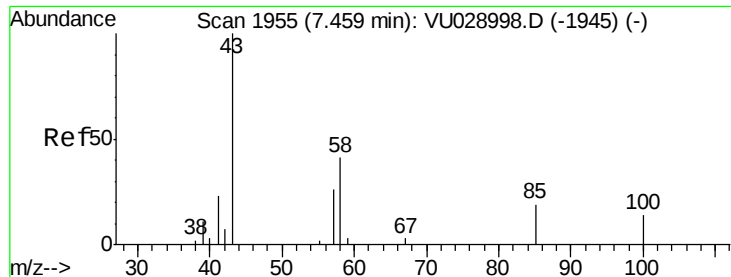
Tot Ion: 88 Resp: 15805  
Ion Ratio Lower Upper  
88 100  
43 29.0 23.0 34.4  
58 71.2 57.9 86.9



#50  
Toluene-d8  
Concen: 51.358 ug/l  
RT: 7.56 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 98 Resp: 242728  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 109.253 ug/l

RT: 7.46 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

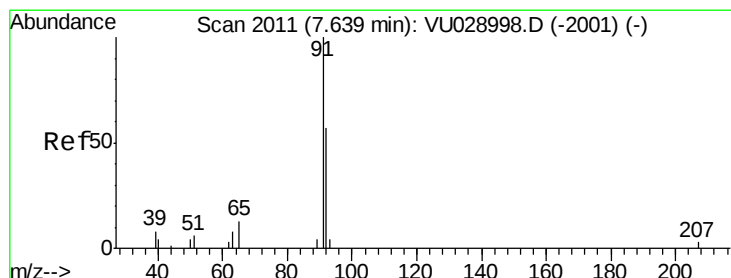
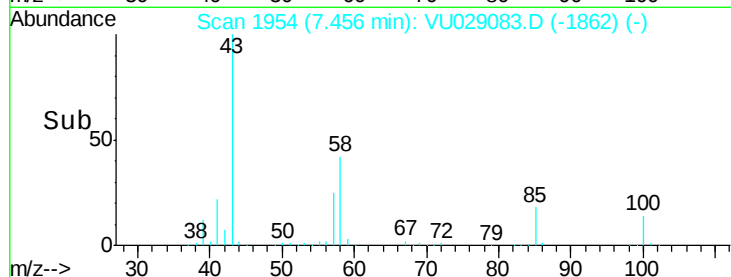
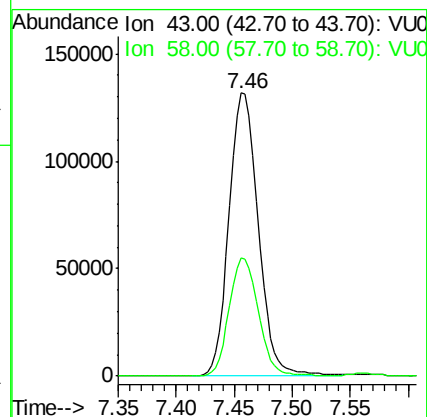
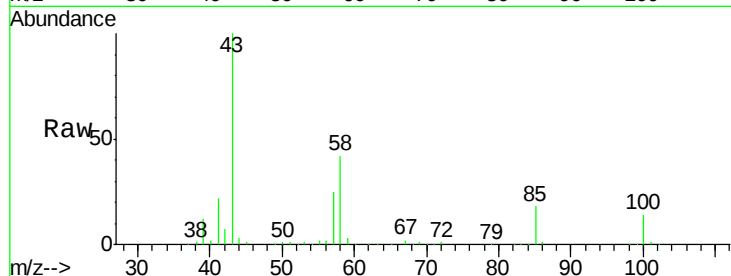
ClientSampleId :

Tot Ion: 43 Resp: 231107

Ion Ratio Lower Upper

43 100

58 41.6 33.9 50.9



#52

Toluene

Concen: 20.048 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029083.D

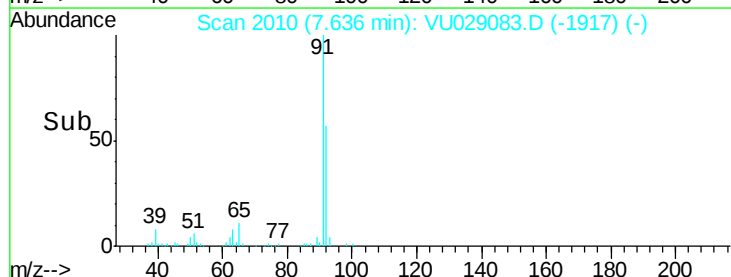
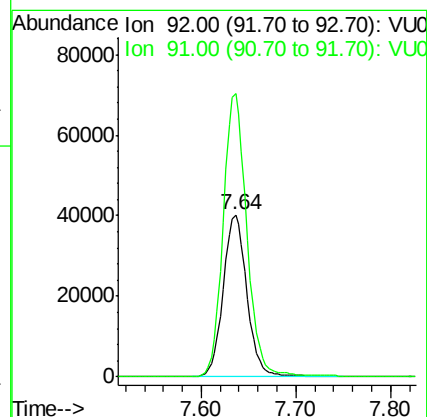
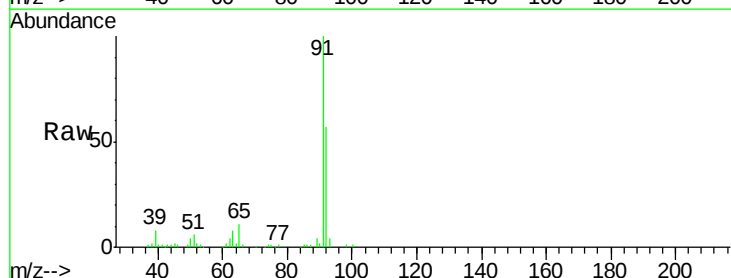
Acq: 09 Jan 2019 10:26

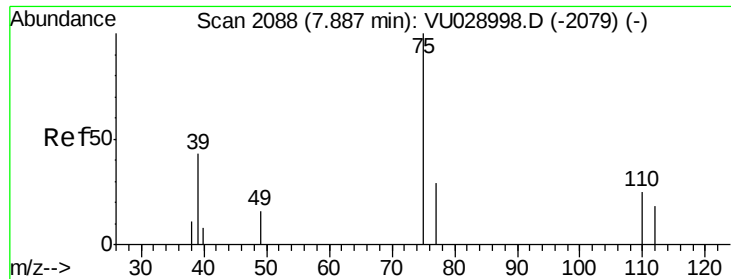
Tgt Ion: 92 Resp: 70274

Ion Ratio Lower Upper

92 100

91 173.4 139.8 209.8

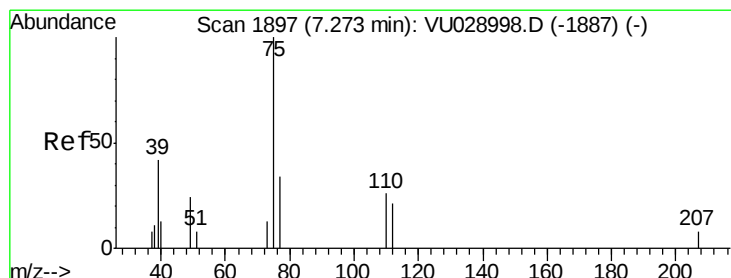
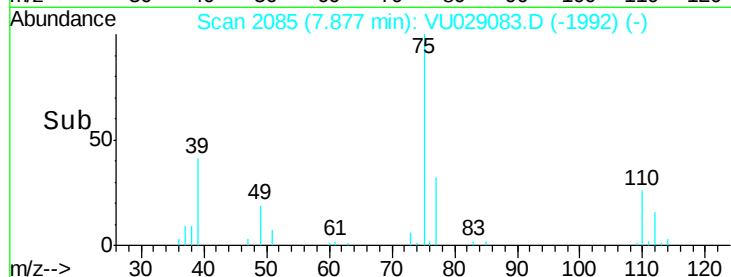
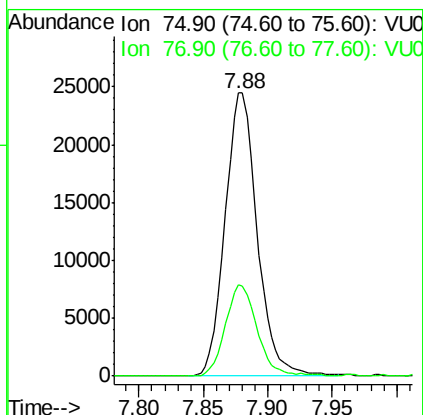
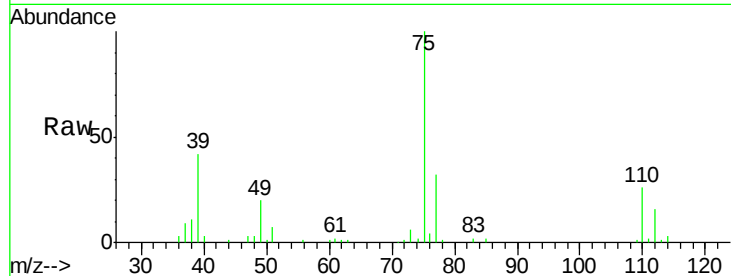




#53  
 t-1,3-Dichloropropene  
 Concen: 19.733 ug/l  
 RT: 7.88 min Scan# 2085  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

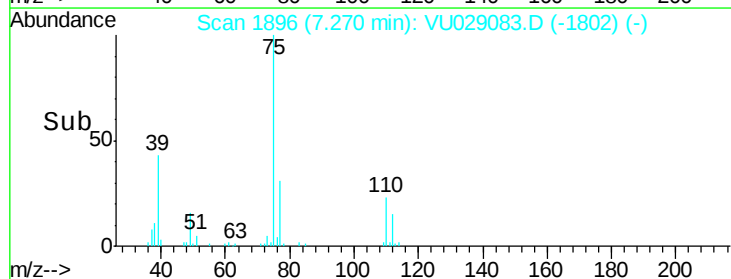
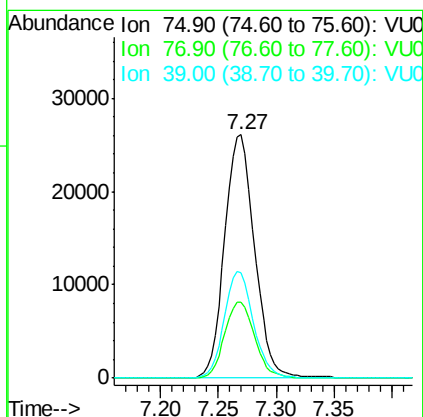
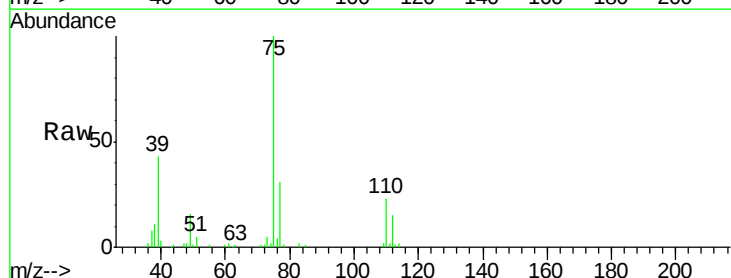
Instrument :  
 MSVOA\_U  
 ClientSampled :

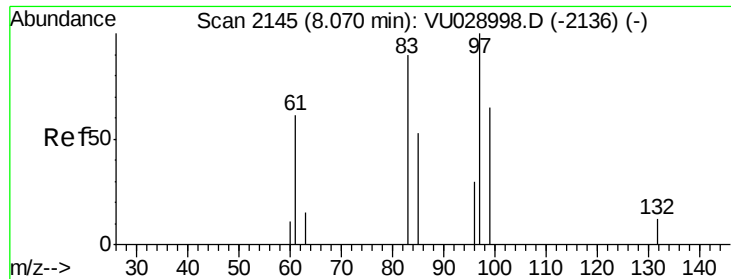
Tot Ion: 75 Resp: 42425  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.074 ug/l  
 RT: 7.27 min Scan# 1896  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 75 Resp: 46634  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.0 37.6  
 39 43.1 32.2 48.4

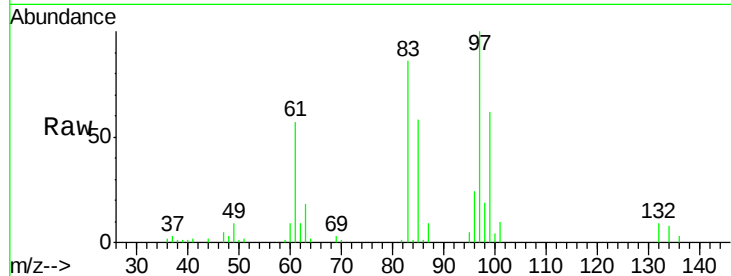




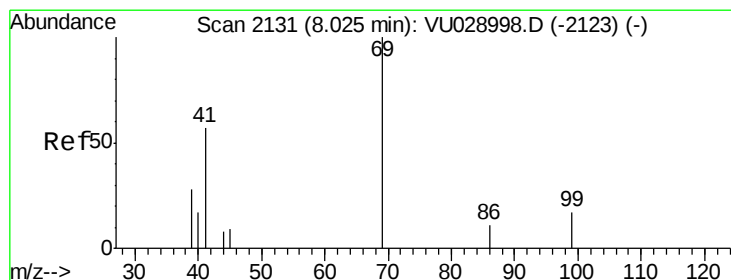
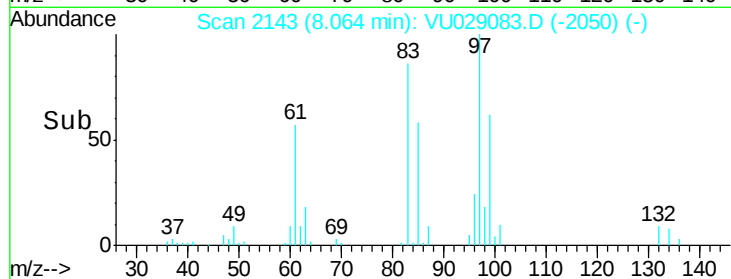
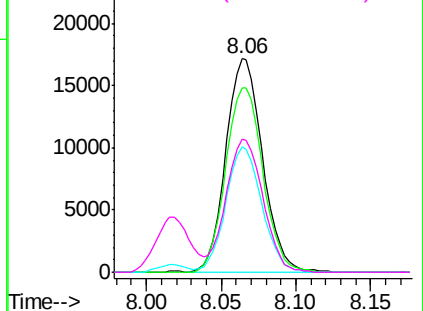
#55  
 1,1,2-Trichloroethane  
 Concen: 20.942 ug/l  
 RT: 8.06 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion: 97 Resp: 29409  
 Ion Ratio Lower Upper  
 97 100  
 83 86.3 69.8 104.8  
 85 58.5 47.3 70.9  
 99 62.1 49.7 74.5

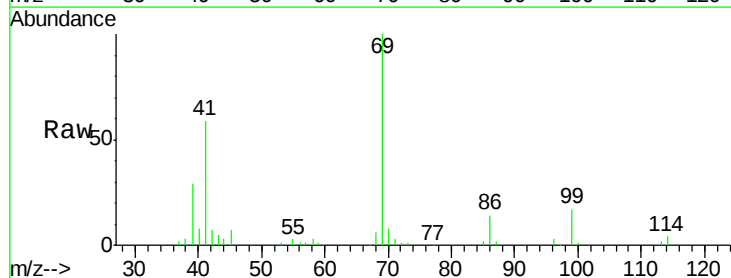


Abundance Ion 96.90 (96.60 to 97.60): VU0  
 Ion 82.90 (82.60 to 83.60): VU0  
 Ion 84.90 (84.60 to 85.60): VU0  
 Ion 98.90 (98.60 to 99.60): VU0

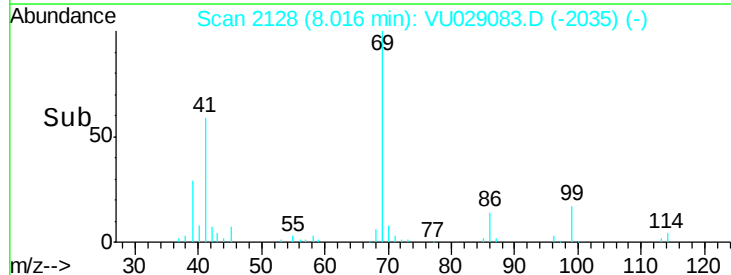
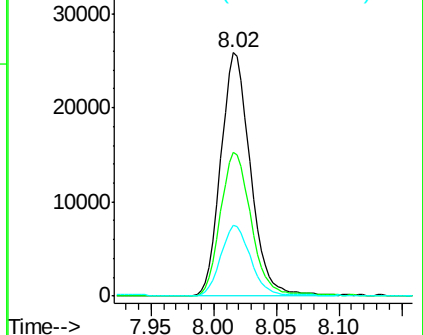


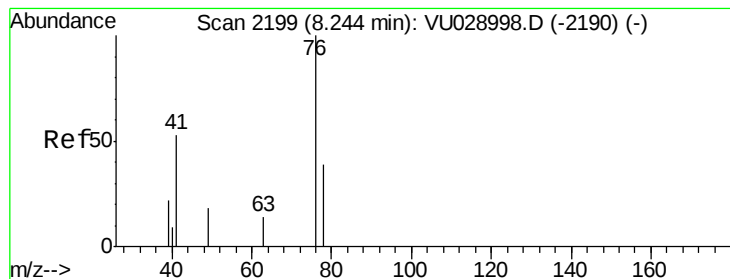
#56  
 Ethyl methacrylate  
 Concen: 19.720 ug/l  
 RT: 8.02 min Scan# 2128  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 69 Resp: 42664  
 Ion Ratio Lower Upper  
 69 100  
 41 61.4 47.5 71.3  
 39 29.1 22.5 33.7



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





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

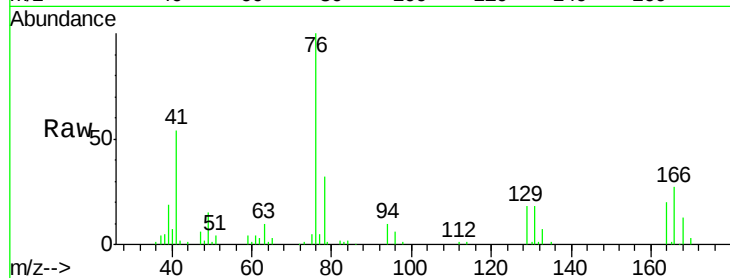
ClientSampleId :

Tot Ion: 76 Resp: 49618

Ion Ratio Lower Upper

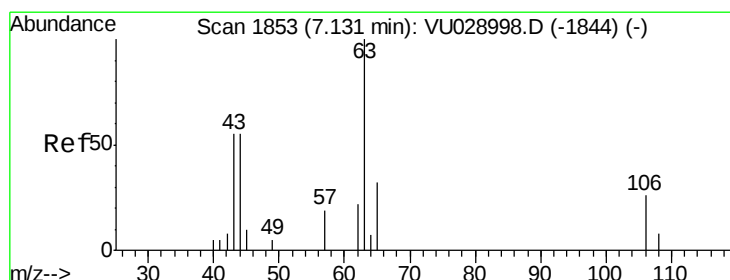
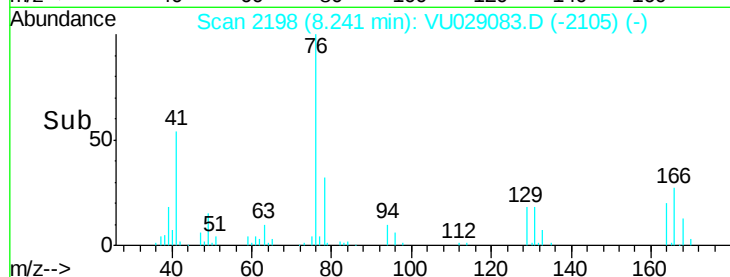
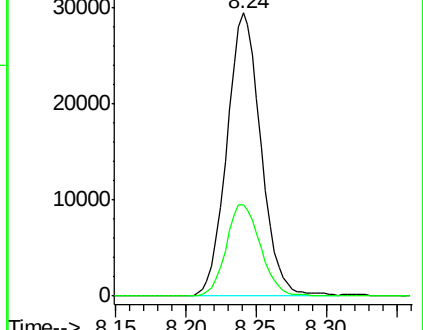
76 100

78 32.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-2190) (-)

Ion 77.90 (77.60 to 78.60): VU029083.D (-2105) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 96.605 ug/l

RT: 7.12 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VU029083.D

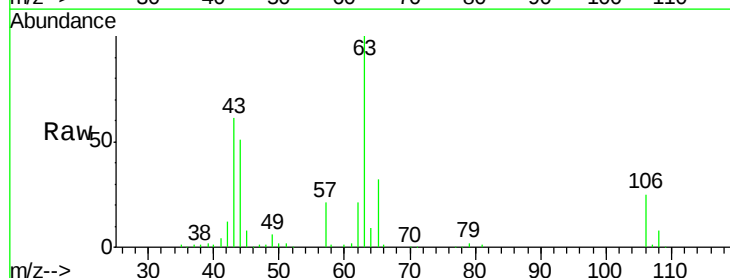
Acq: 09 Jan 2019 10:26

Tgt Ion: 63 Resp: 91915

Ion Ratio Lower Upper

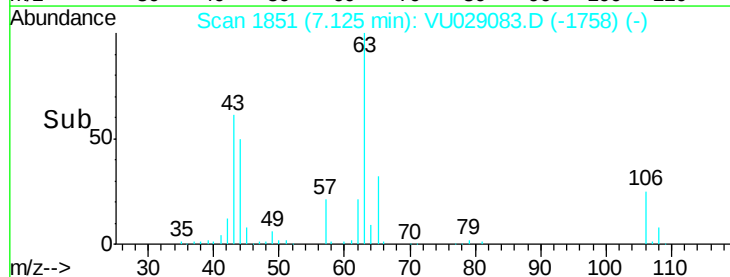
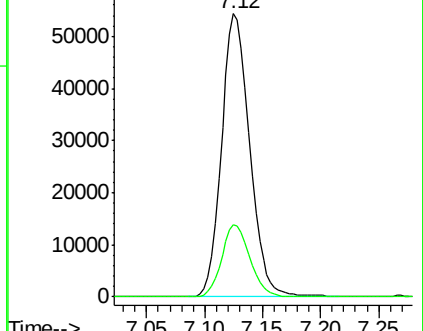
63 100

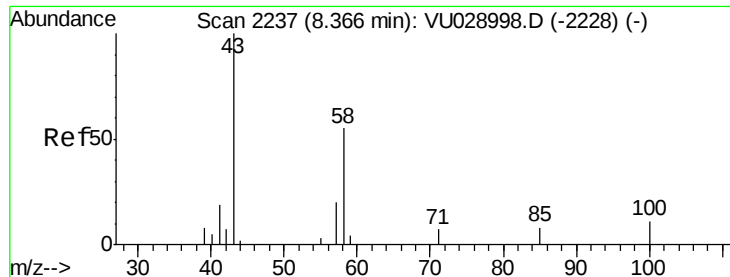
106 25.5 20.6 31.0



Abundance Ion 62.90 (62.60 to 63.60): VU028998.D (-1844) (-)

Ion 105.90 (105.60 to 106.60): VU029083.D (-1758) (-)

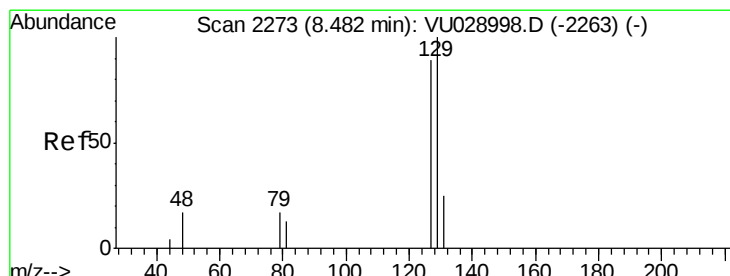
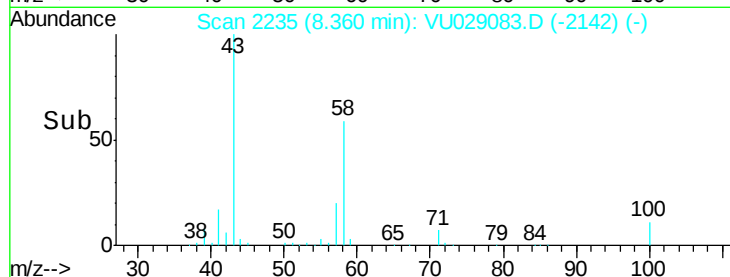
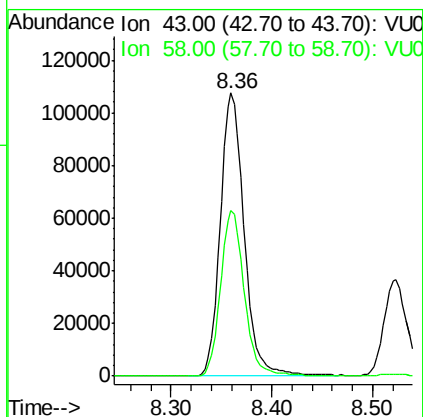
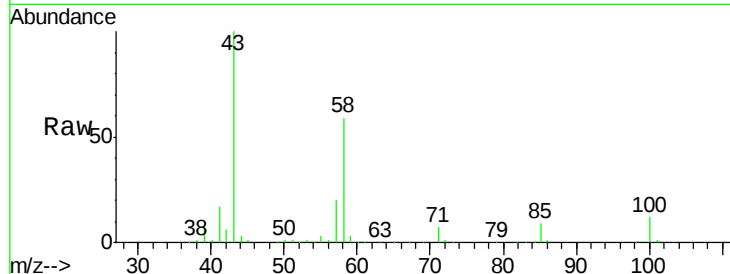




#59  
2-Hexanone  
Concen: 107.780 ug/l  
RT: 8.36 min Scan# 2235  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

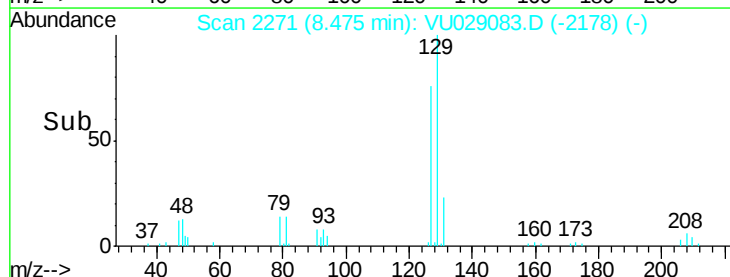
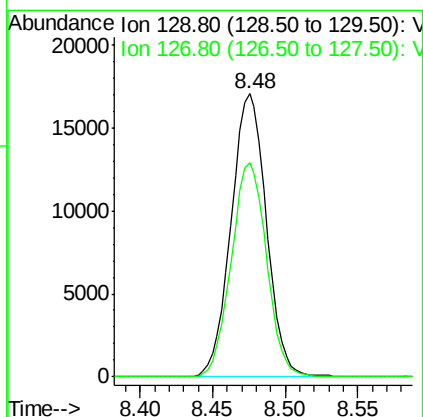
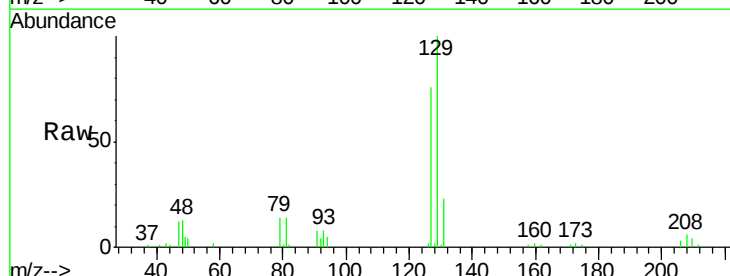
Instrument :  
MSVOA\_U  
ClientSampled :

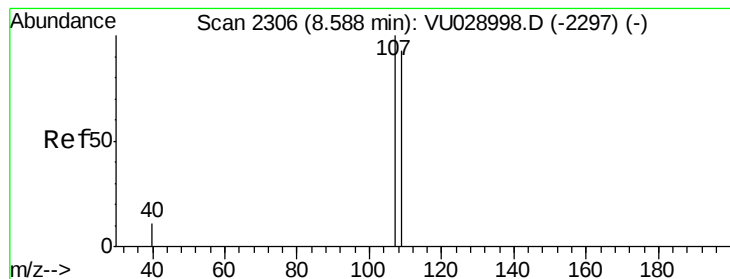
Tot Ion: 43 Resp: 178965  
Ion Ratio Lower Upper  
43 100  
58 57.9 29.8 89.4



#60  
Dibromochloromethane  
Concen: 20.740 ug/l  
RT: 8.48 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion:129 Resp: 28855  
Ion Ratio Lower Upper  
129 100  
127 75.4 38.0 114.0





#61

1,2-Dibromoethane

Concen: 20.135 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

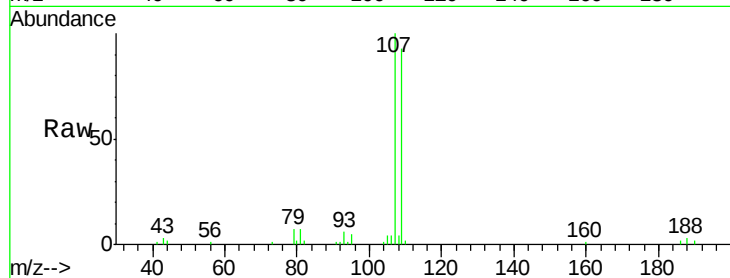
ClientSampleId :

Tot Ion:107 Resp: 30666

Ion Ratio Lower Upper

107 100

109 93.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

20000

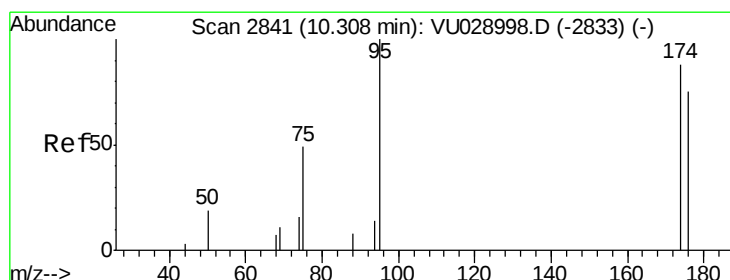
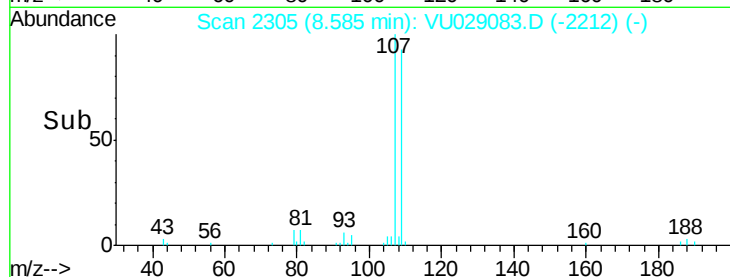
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 48.875 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

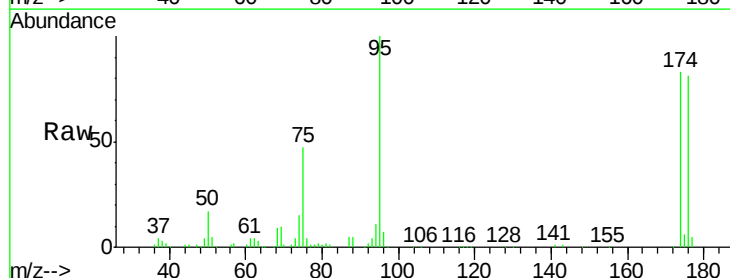
Tgt Ion: 95 Resp: 83015

Ion Ratio Lower Upper

95 100

174 83.1 0.0 170.6

176 80.8 0.0 165.0



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

10.30

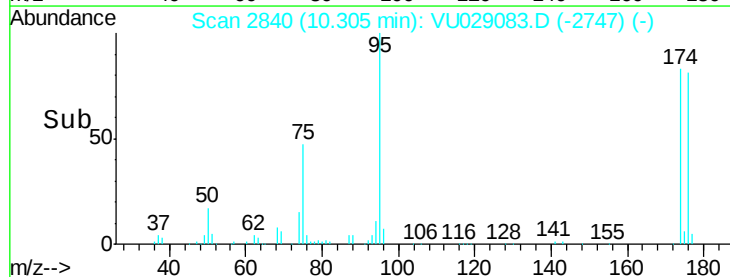
60000

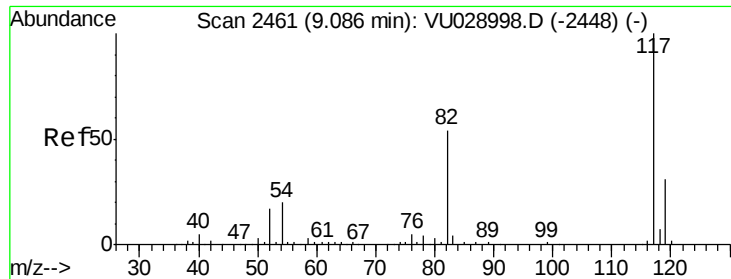
40000

20000

0

Time--> 10.30 10.40

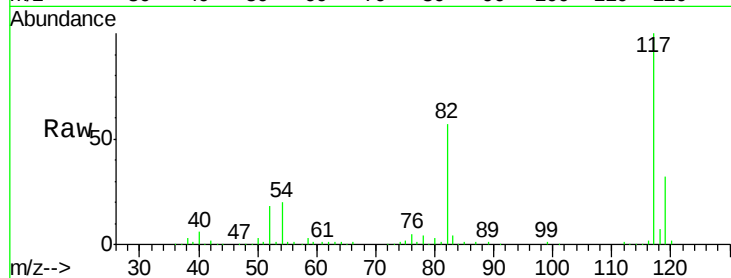




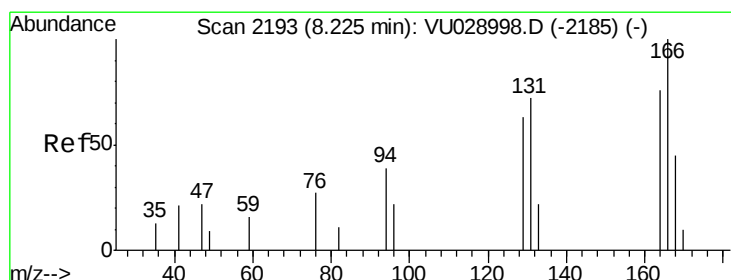
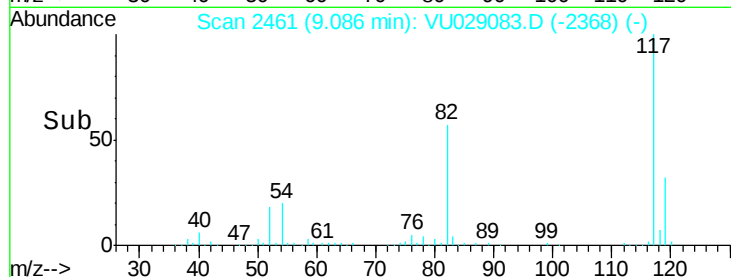
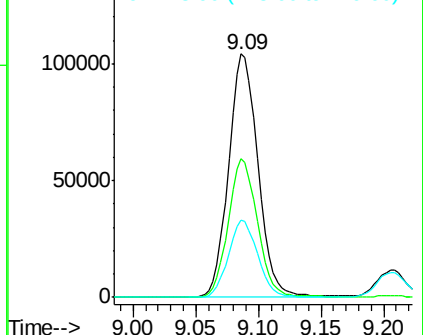
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2461  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:117 Resp: 171094  
Ion Ratio Lower Upper  
117 100  
82 56.8 43.9 65.9  
119 31.7 26.0 39.0

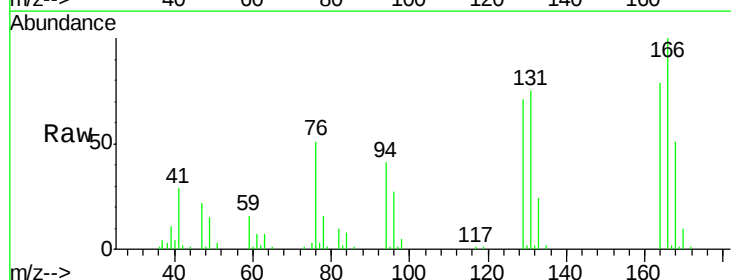


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

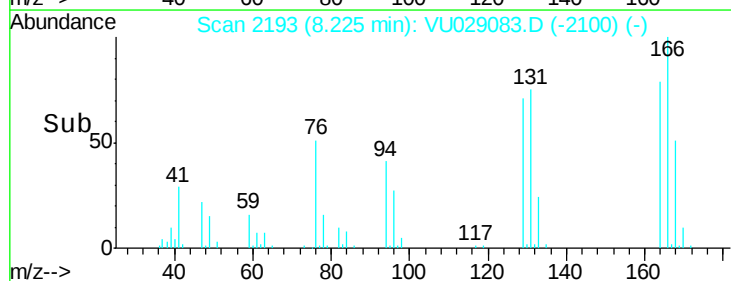
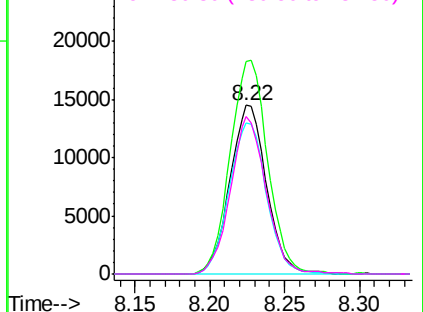


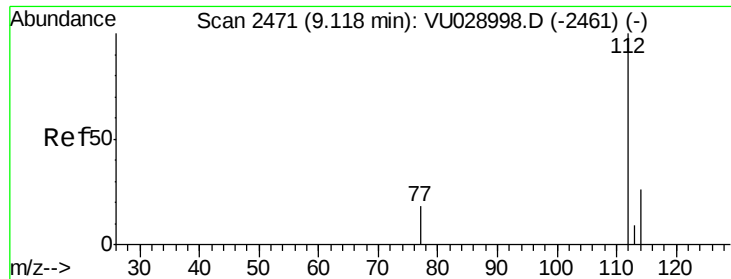
#64  
Tetrachloroethene  
Concen: 19.971 ug/l  
RT: 8.22 min Scan# 2193  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion:164 Resp: 24614  
Ion Ratio Lower Upper  
164 100  
166 125.9 99.4 149.0  
129 89.7 70.5 105.7  
131 93.8 69.0 103.6



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

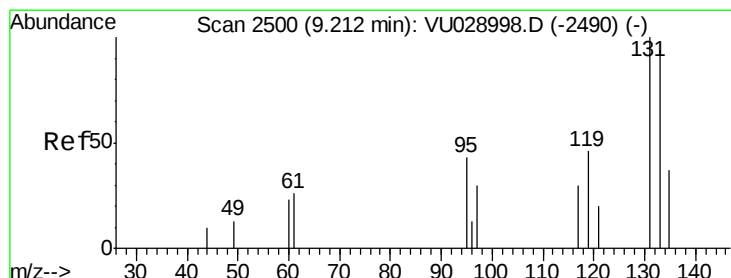
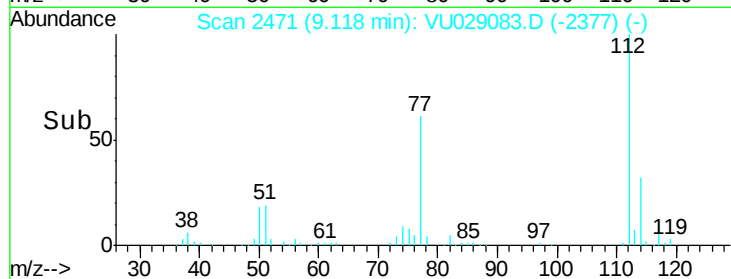
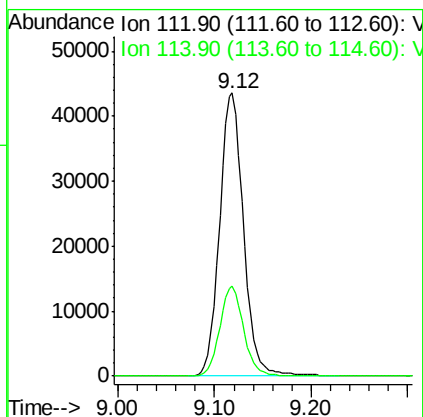
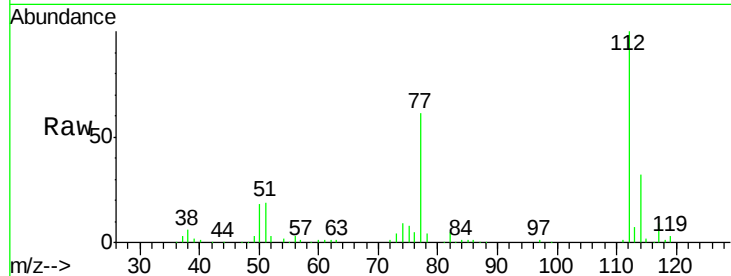




#65  
Chlorobenzene  
Concen: 19.503 ug/l  
RT: 9.12 min Scan# 2471  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

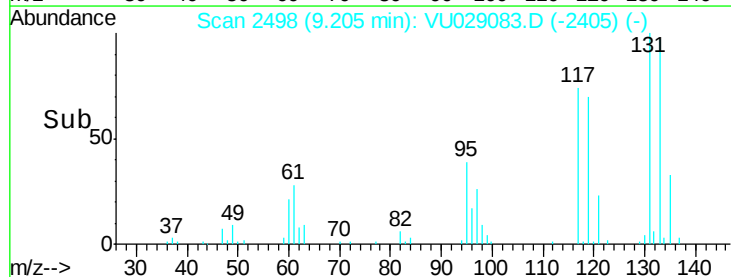
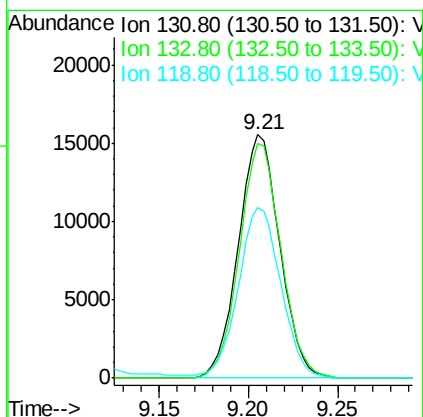
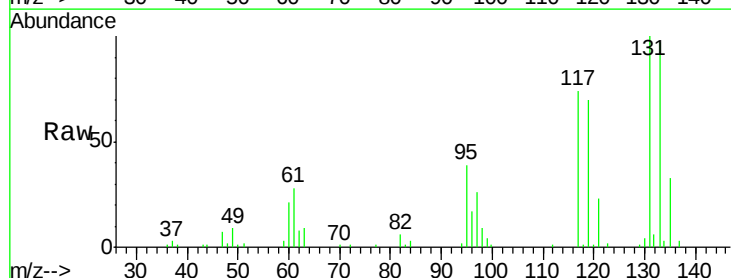
Instrument :  
MSVOA\_U  
ClientSampleId :

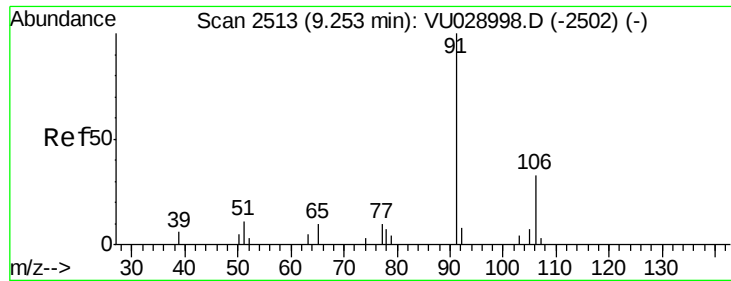
Tot Ion:112 Resp: 74795  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.309 ug/l  
RT: 9.21 min Scan# 2498  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion:131 Resp: 25276  
Ion Ratio Lower Upper  
131 100  
133 96.3 48.2 144.6  
119 71.7 35.4 106.3

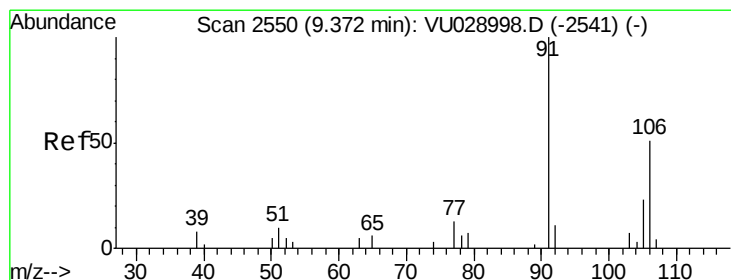
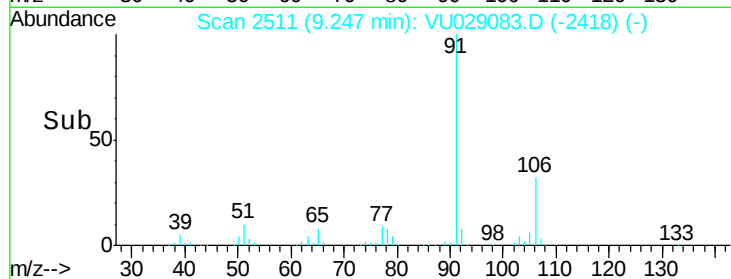
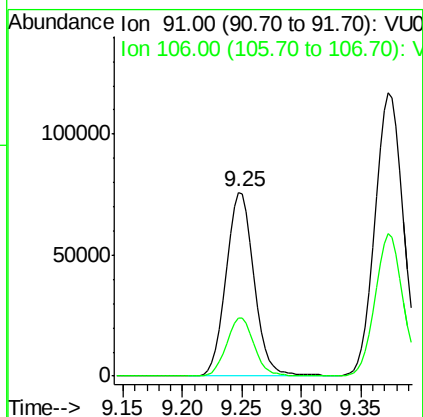
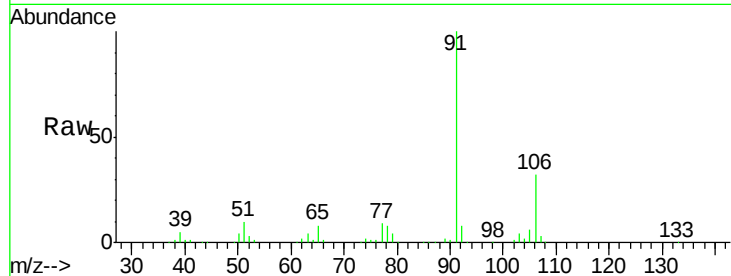




#67  
Ethyl Benzene  
Concen: 19.460 ug/l  
RT: 9.25 min Scan# 2511  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

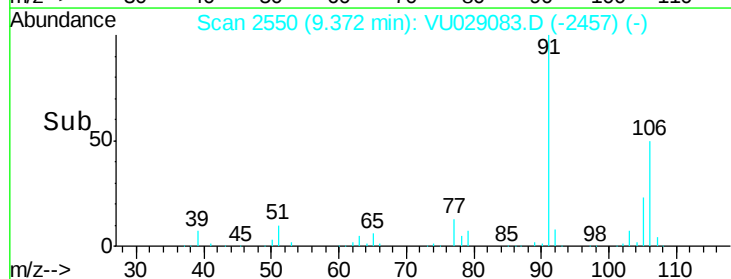
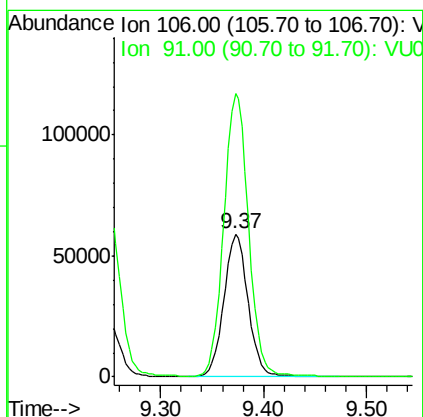
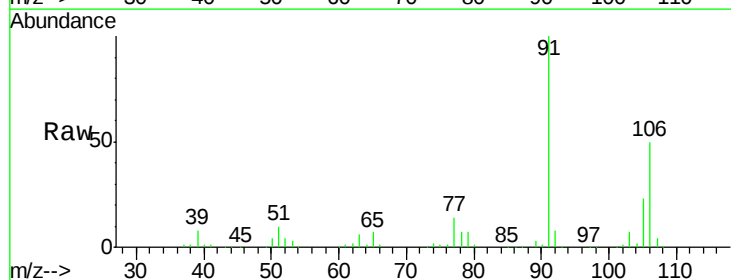
Instrument :  
MSVOA\_U  
ClientSampleId :

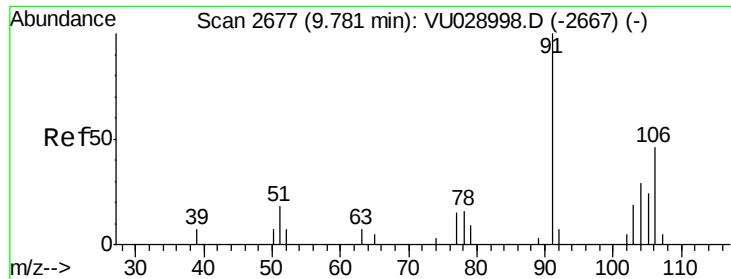
Tot Ion: 91 Resp: 124603  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.0 37.4



#68  
m/p-Xylenes  
Concen: 38.906 ug/l  
RT: 9.37 min Scan# 2550  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion: 106 Resp: 96794  
Ion Ratio Lower Upper  
106 100  
91 201.2 161.7 242.5

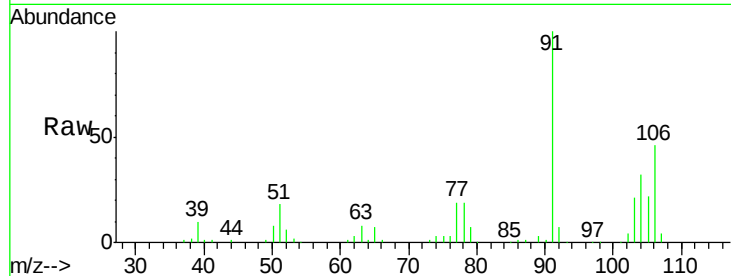




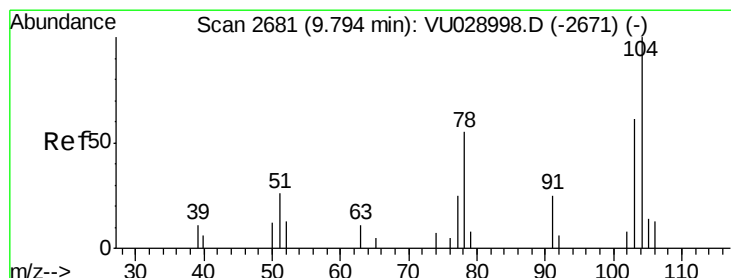
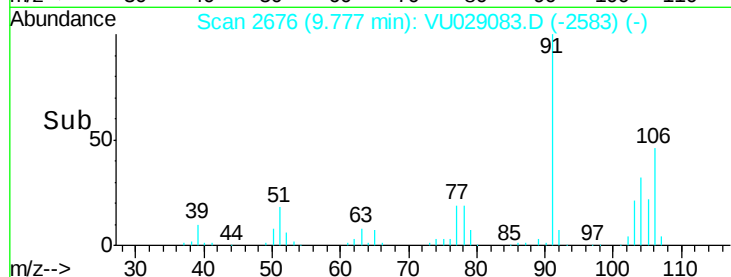
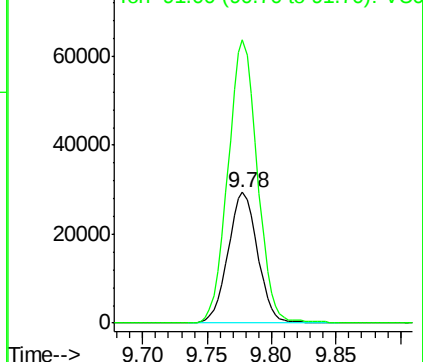
#69  
o-Xylene  
Concen: 19.577 ug/l  
RT: 9.78 min Scan# 2676  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:106 Resp: 46929  
Ion Ratio Lower Upper  
106 100  
91 214.6 106.1 318.3

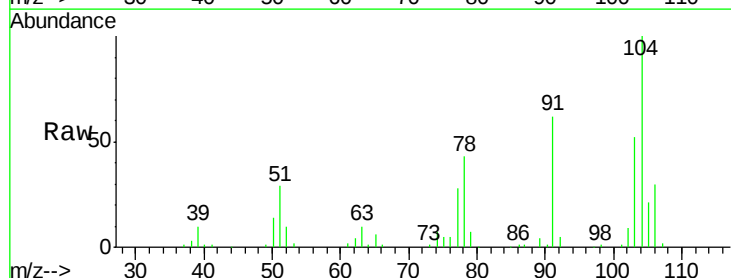


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

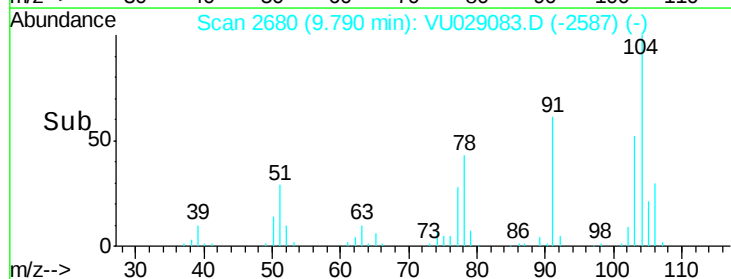
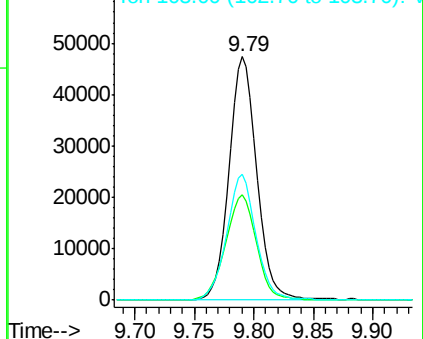


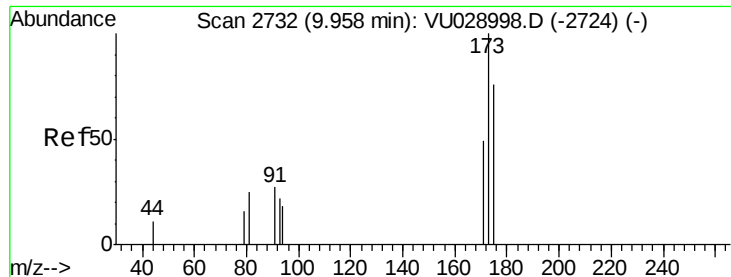
#70  
Styrene  
Concen: 19.466 ug/l  
RT: 9.79 min Scan# 2680  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion:104 Resp: 76497  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.6 58.0  
103 54.6 44.5 66.7



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





#71

Bromoform

Concen: 19.925 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

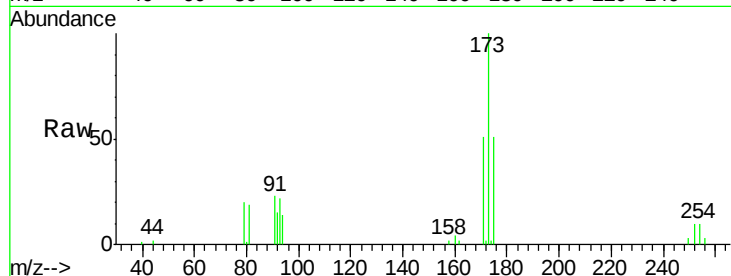
Tot Ion:173 Resp: 22081

Ion Ratio Lower Upper

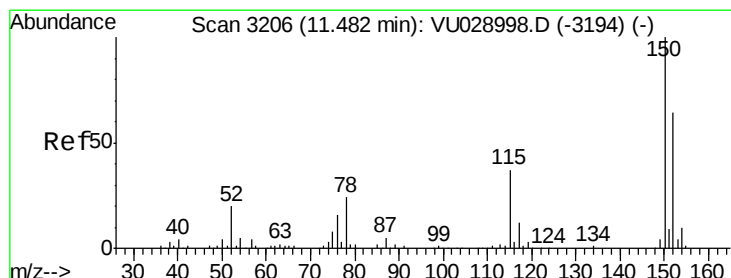
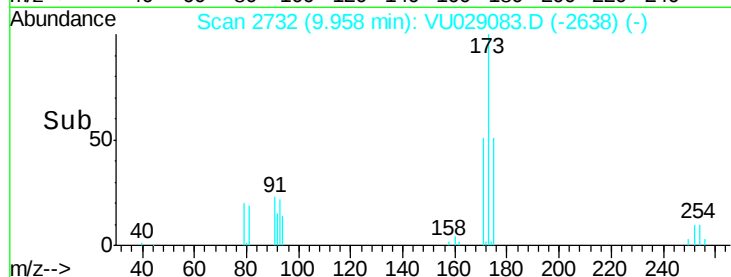
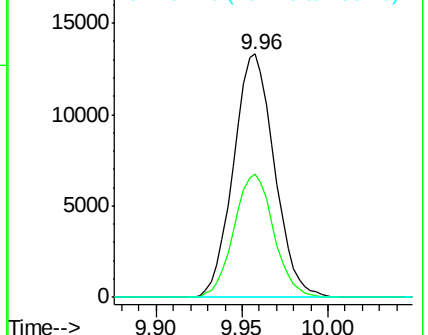
173 100

175 49.2 23.8 71.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

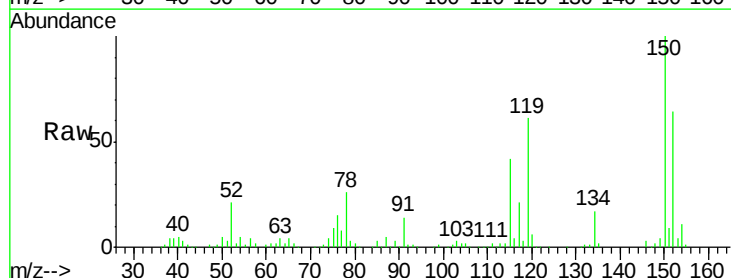
Tgt Ion:152 Resp: 81377

Ion Ratio Lower Upper

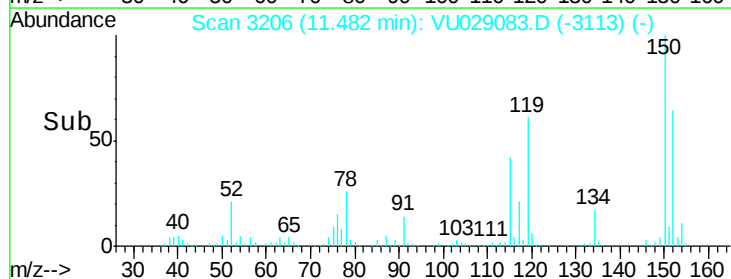
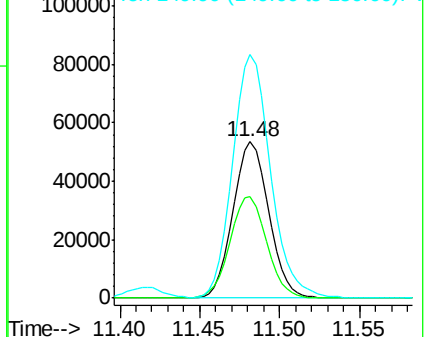
152 100

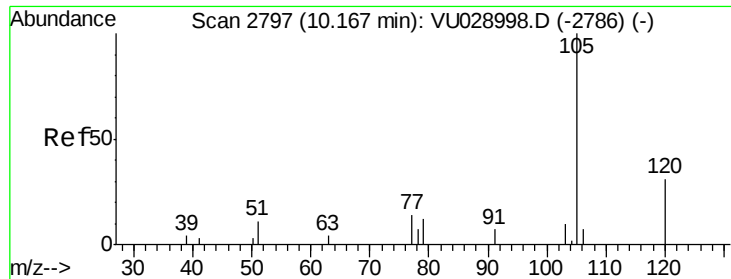
115 66.8 40.1 120.3

150 165.6 0.0 345.2



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: 20.427 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

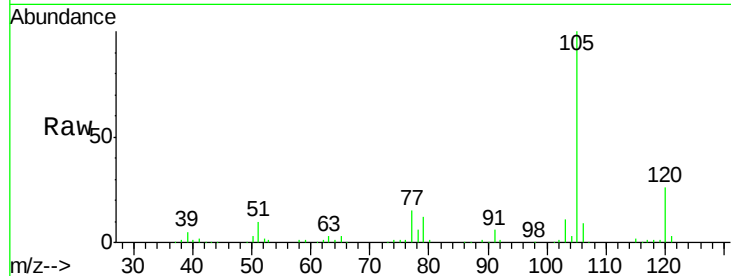
ClientSampleId :

Tot Ion: 105 Resp: 123040

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

80000

60000

40000

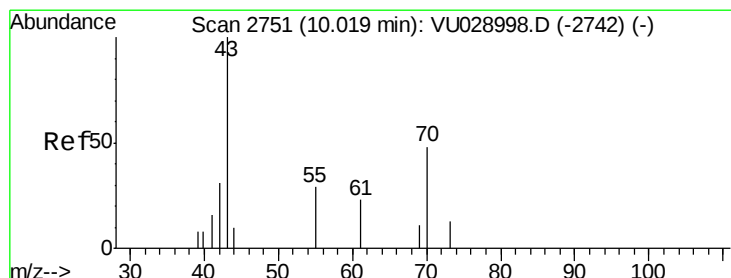
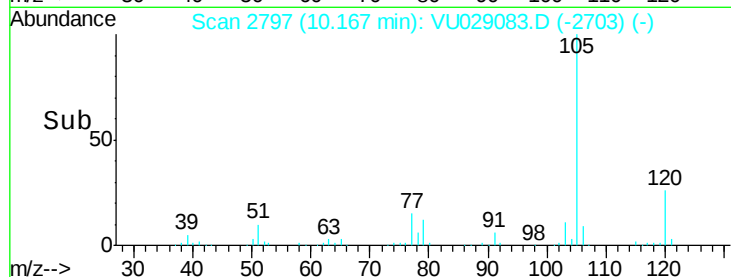
20000

0

Time-->

10.10

10.20



#74

N-ethyl acetate

Concen: 20.958 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Tgt Ion: 43 Resp: 54398

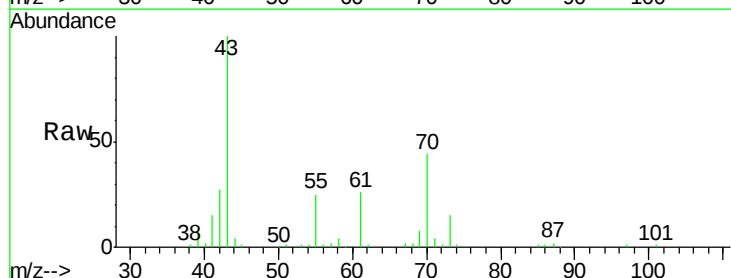
Ion Ratio Lower Upper

43 100

70 44.3 36.3 54.5

55 25.8 20.5 30.7

61 25.6 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

50000

40000

30000

20000

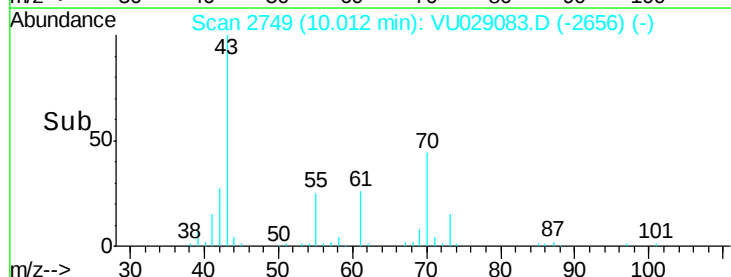
10000

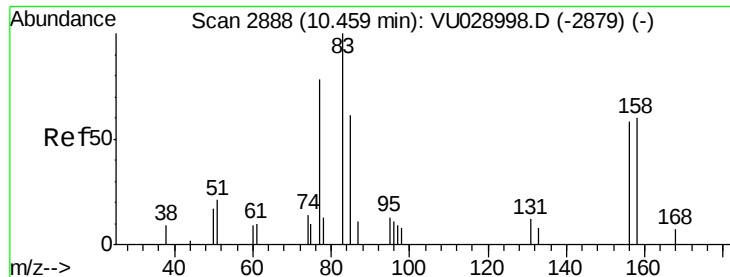
0

Time-->

10.00

10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.182 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampled :

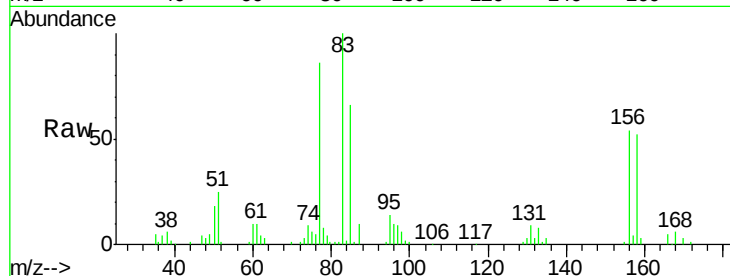
Tot Ion: 83 Resp: 51134

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

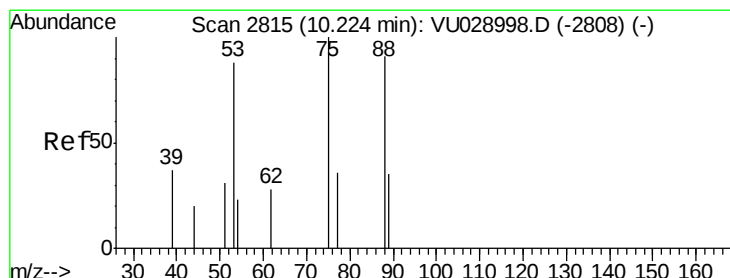
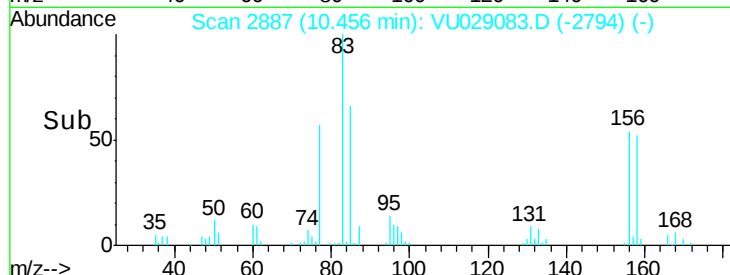
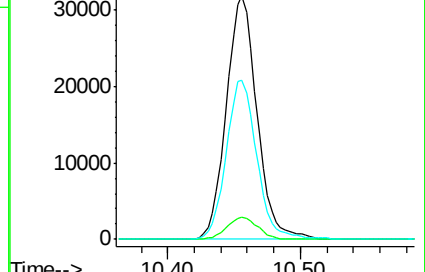
85 65.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU028998.D (-2879) (-)

Ion 130.80 (130.50 to 131.50): VU028998.D (-2879) (-)

Ion 84.90 (84.60 to 85.60): VU028998.D (-2879) (-)



#76

1,2,3-Trichloropropane

Concen: 29.714 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029083.D

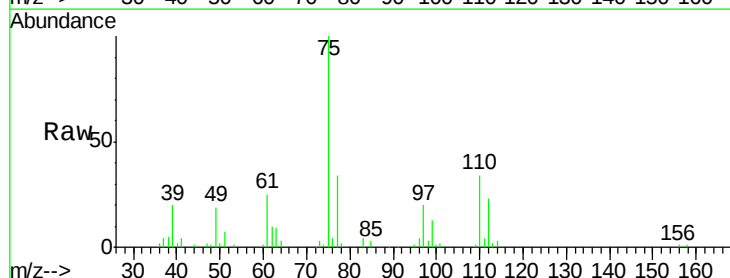
Acq: 09 Jan 2019 10:26

Tgt Ion: 75 Resp: 59246

Ion Ratio Lower Upper

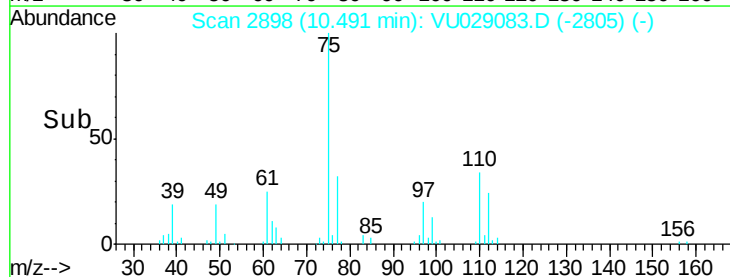
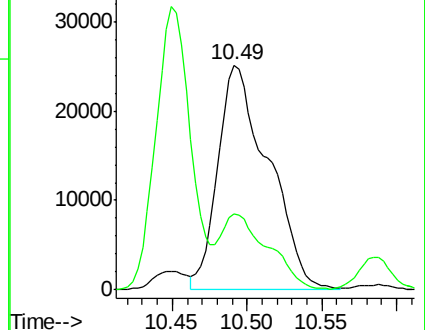
75 100

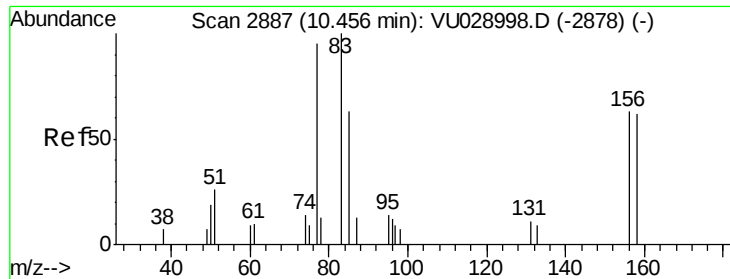
77 31.1 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2808) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-2808) (-)





#77

Bromobenzene

Concen: 20.004 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

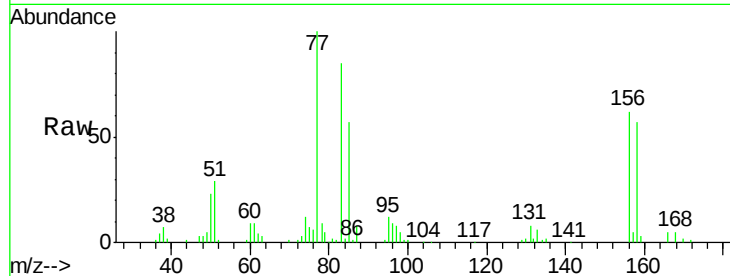
Tot Ion:156 Resp: 31399

Ion Ratio Lower Upper

156 100

77 161.9 79.0 237.2

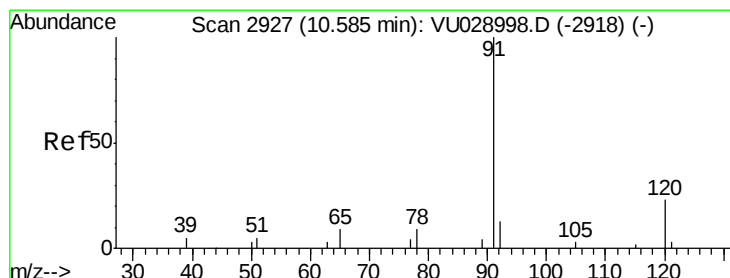
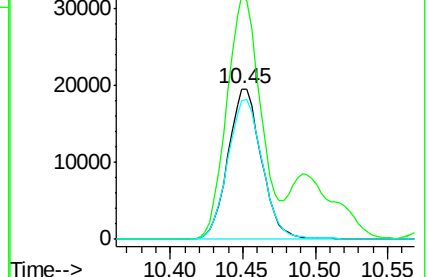
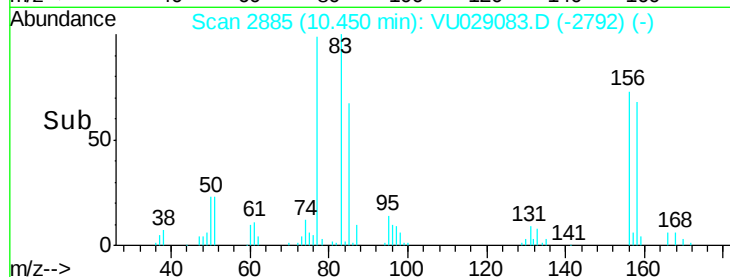
158 95.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.375 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029083.D

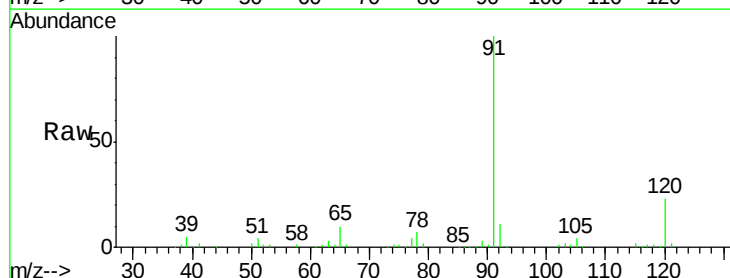
Acq: 09 Jan 2019 10:26

Tgt Ion: 91 Resp: 144626

Ion Ratio Lower Upper

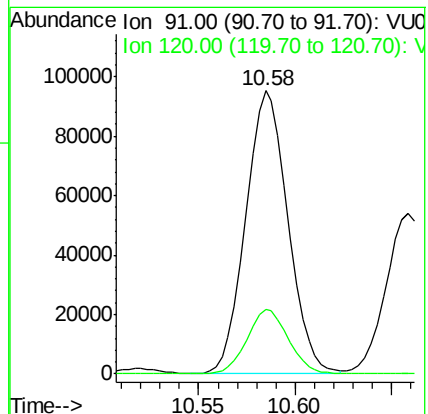
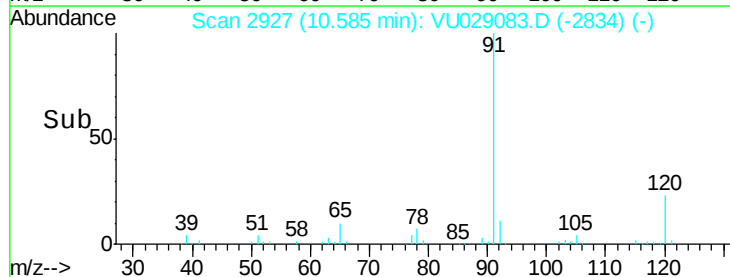
91 100

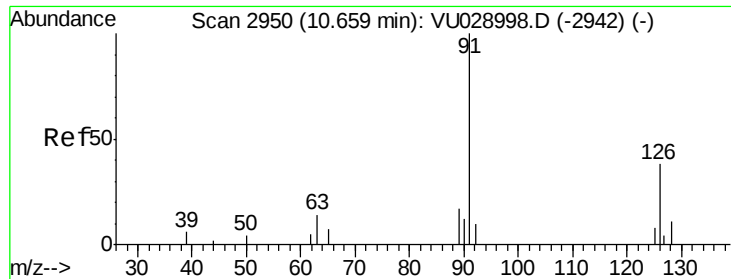
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

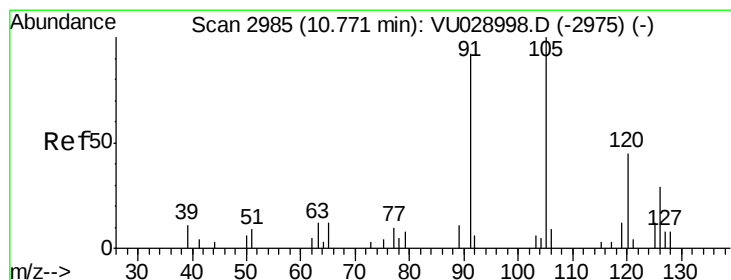
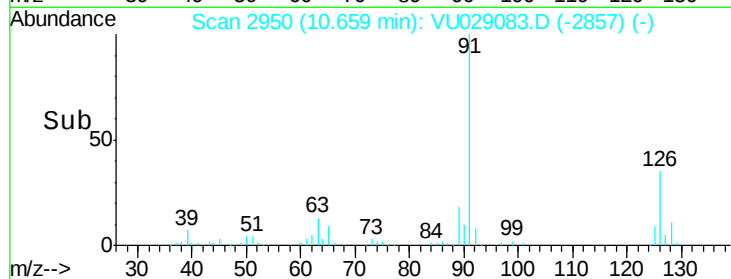
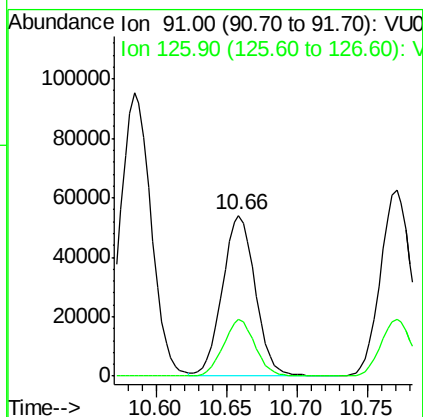
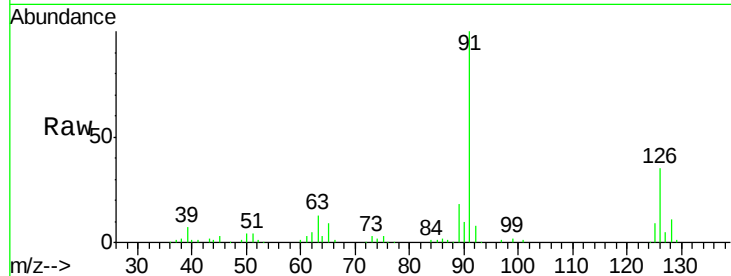




#79  
 2-Chlorotoluene  
 Concen: 20.385 ug/l  
 RT: 10.66 min Scan# 2950  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

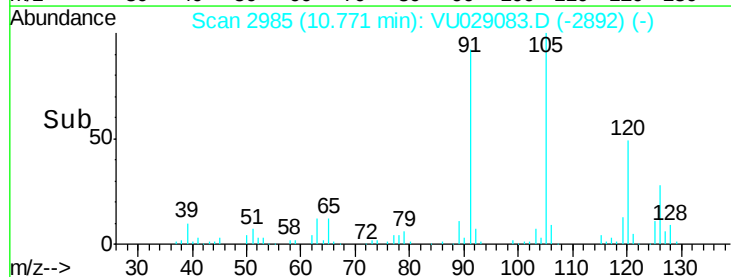
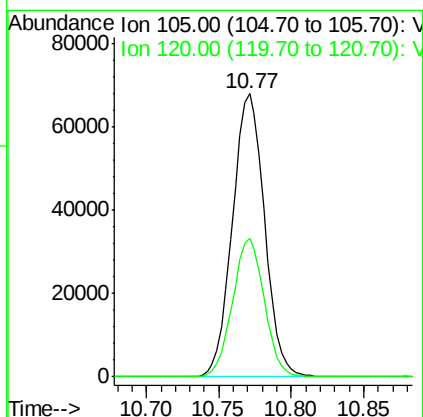
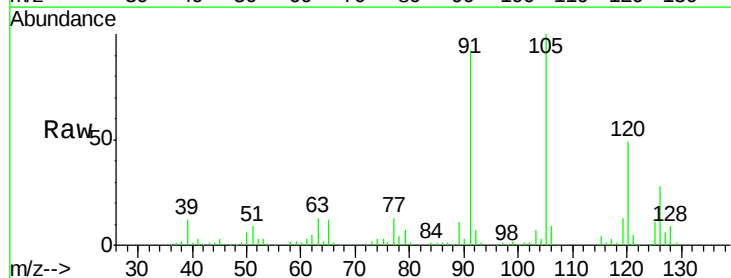
Instrument :  
 MSVOA\_U  
 ClientSampled :

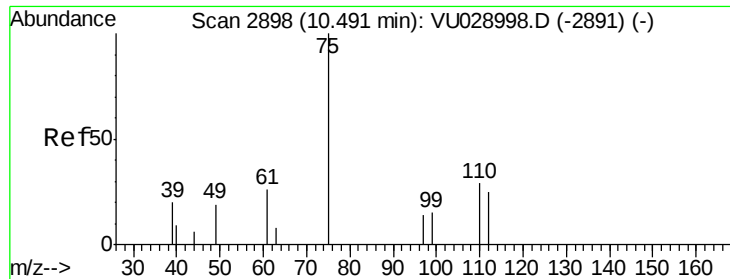
Tot Ion: 91 Resp: 87776  
 Ion Ratio Lower Upper  
 91 100  
 126 33.7 16.8 50.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.705 ug/l  
 RT: 10.77 min Scan# 2985  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion: 105 Resp: 104143  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 76.634 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

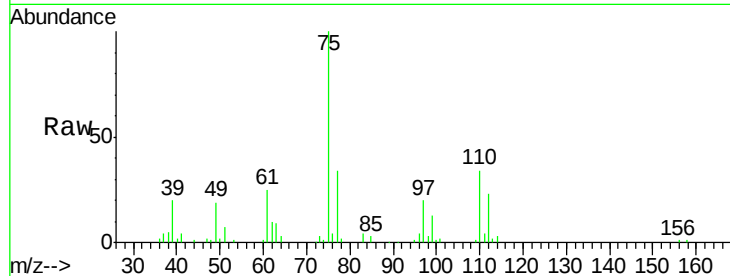
Tot Ion: 75 Resp: 59246

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

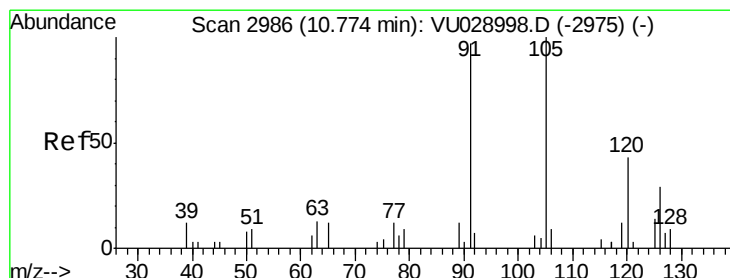
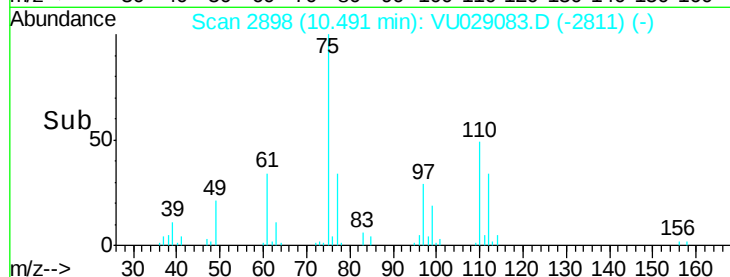
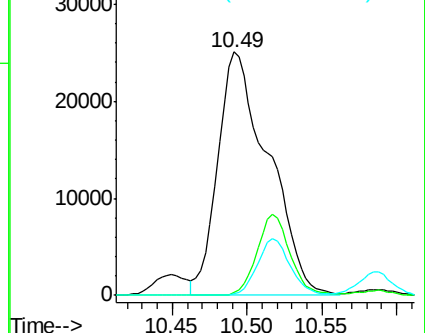
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2891) (-)

Ion 53.00 (52.70 to 53.70): VU028998.D (-2891) (-)

Ion 88.90 (88.60 to 89.60): VU028998.D (-2891) (-)



#82

4-Chlorotoluene

Concen: 19.665 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029083.D

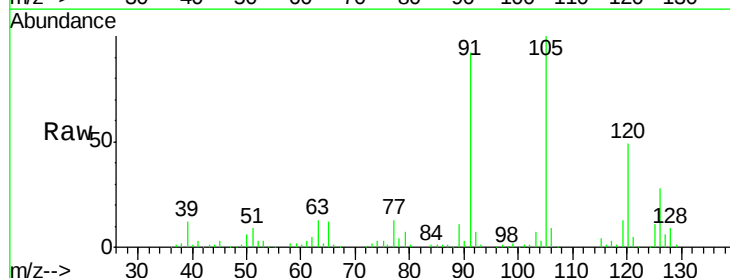
Acq: 09 Jan 2019 10:26

Tgt Ion: 91 Resp: 97094

Ion Ratio Lower Upper

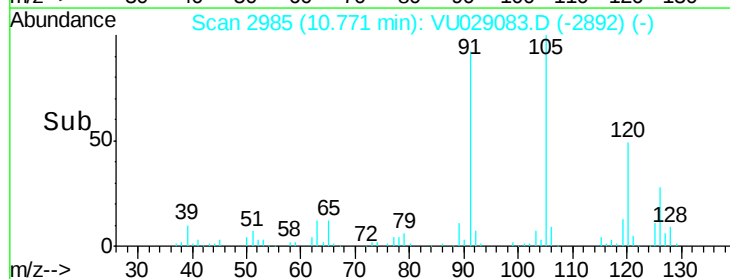
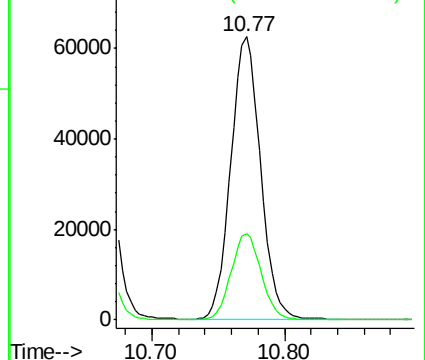
91 100

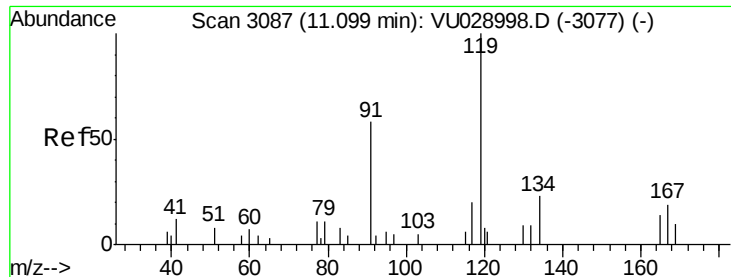
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2975) (-)

Ion 125.90 (125.60 to 126.60): VU028998.D (-2975) (-)

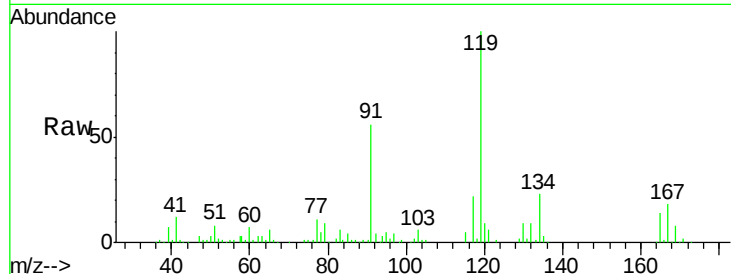




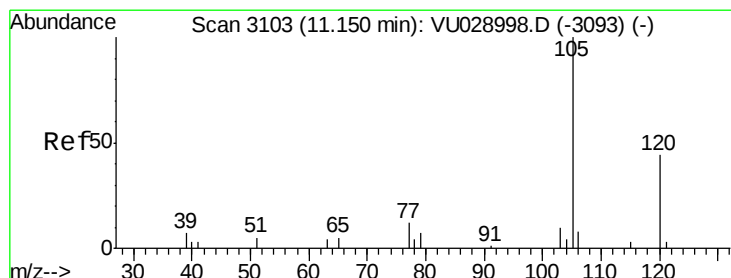
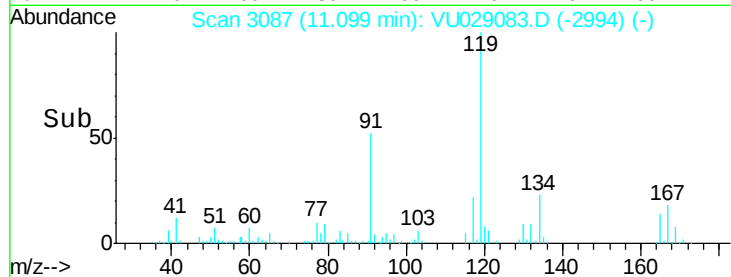
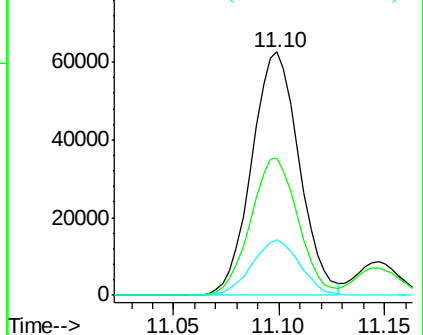
#83  
tert-Butylbenzene  
Concen: 19.785 ug/l  
RT: 11.10 min Scan# 3087  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:119 Resp: 98085  
Ion Ratio Lower Upper  
119 100  
91 56.7 28.2 84.6  
134 23.0 11.3 33.8

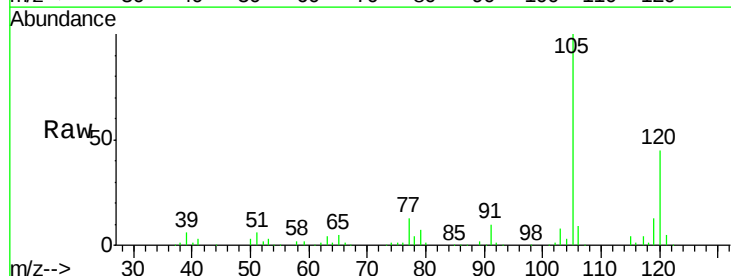


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

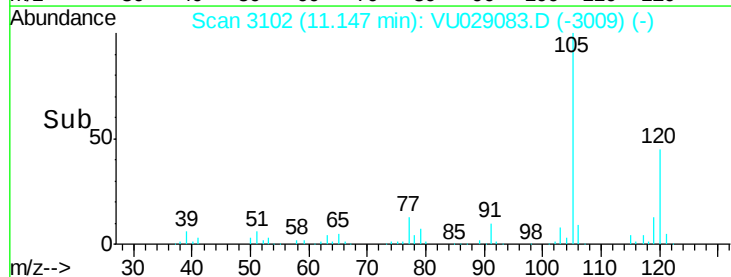
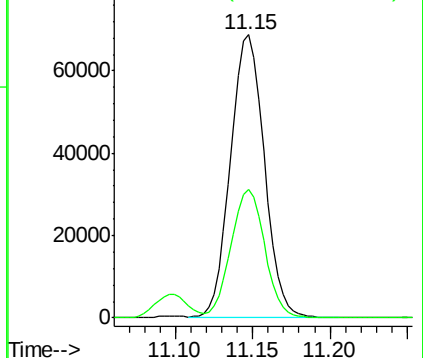


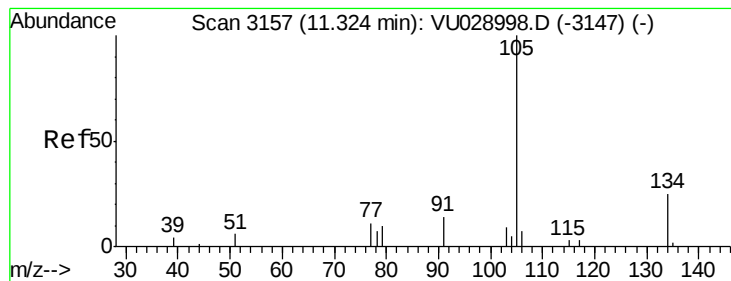
#84  
1,2,4-Trimethylbenzene  
Concen: 20.705 ug/l  
RT: 11.15 min Scan# 3102  
Delta R.T. 0.00 min  
Lab File: VU029083.D  
Acq: 09 Jan 2019 10:26

Tgt Ion:105 Resp: 103980  
Ion Ratio Lower Upper  
105 100  
120 45.5 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 20.856 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

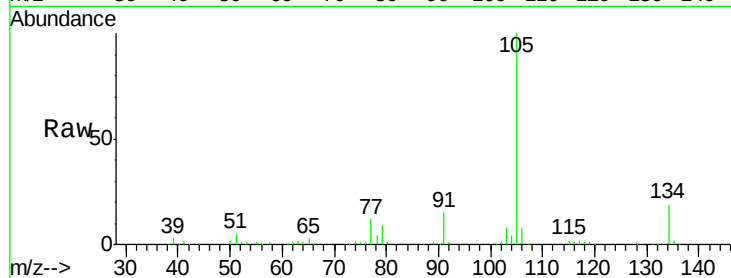
ClientSampleId :

Tot Ion:105 Resp: 125049

Ion Ratio Lower Upper

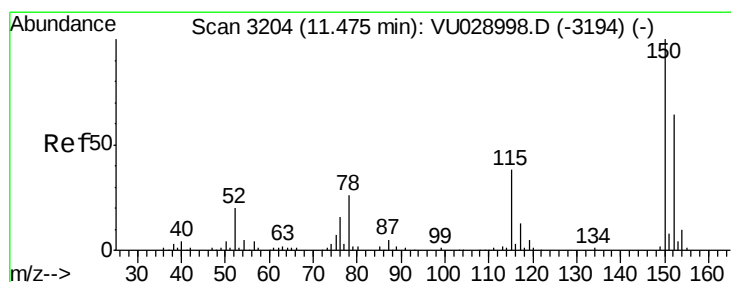
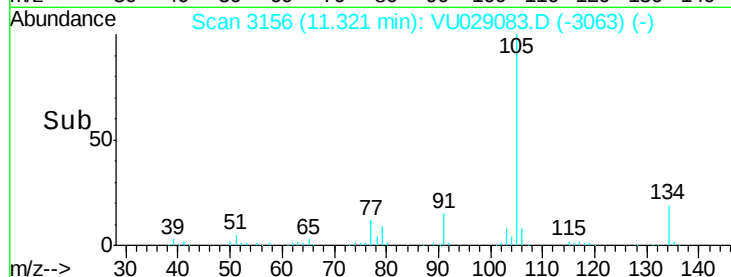
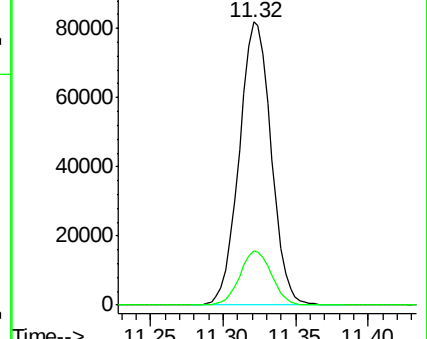
105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.348 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

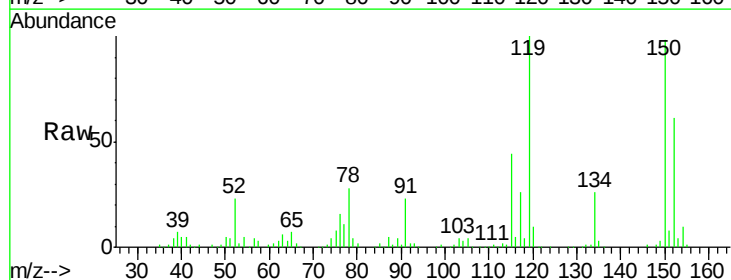
Tgt Ion:119 Resp: 103960

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

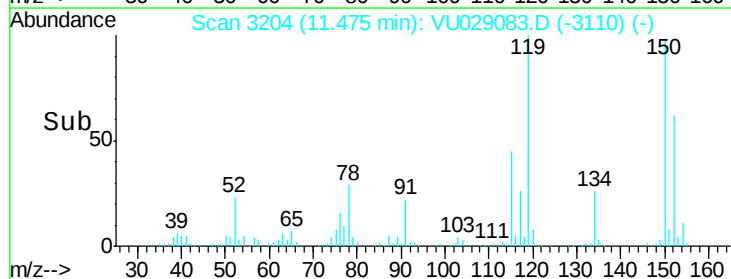
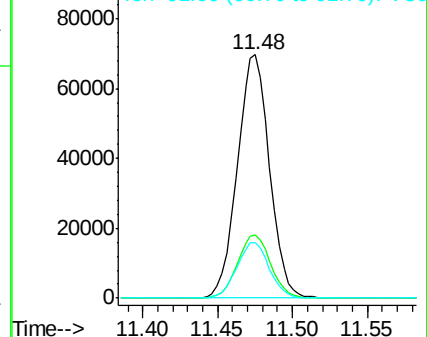
91 23.2 11.3 33.8

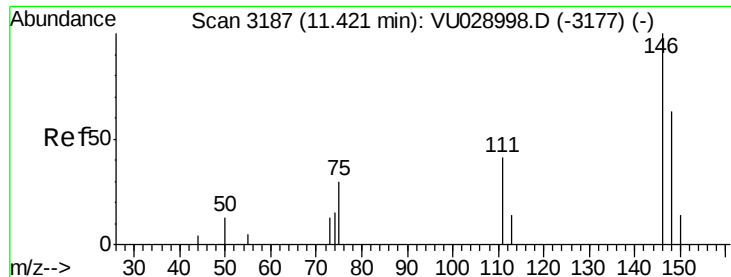


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

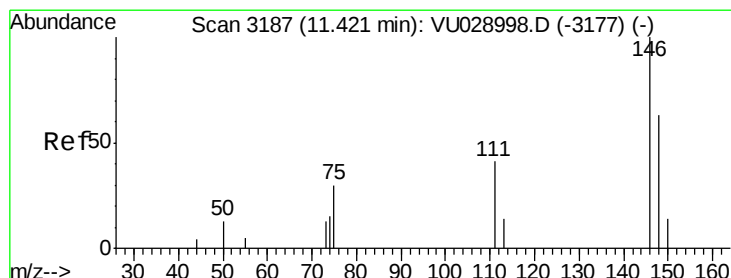
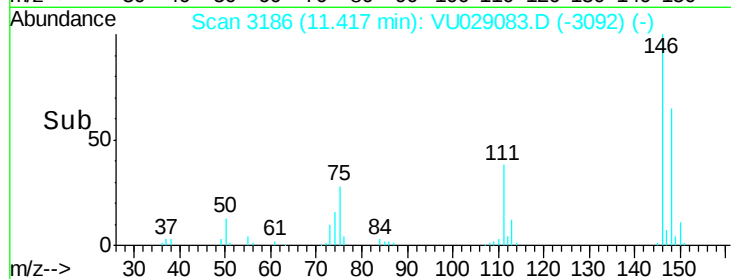
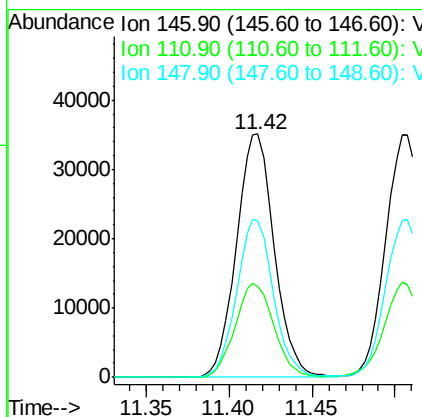
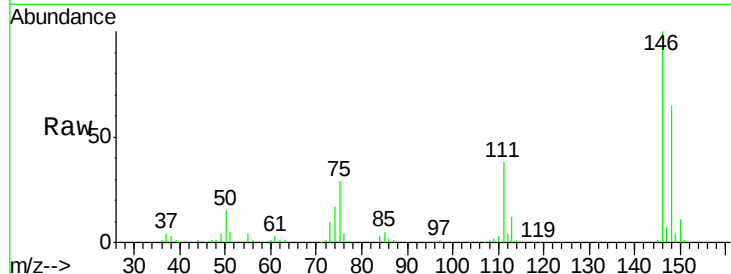




#87  
 1,3-Dichlorobenzene  
 Concen: 19.366 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

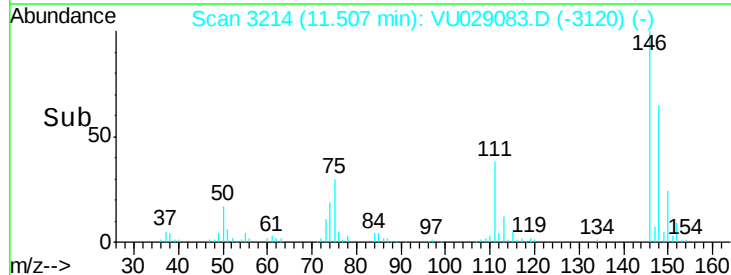
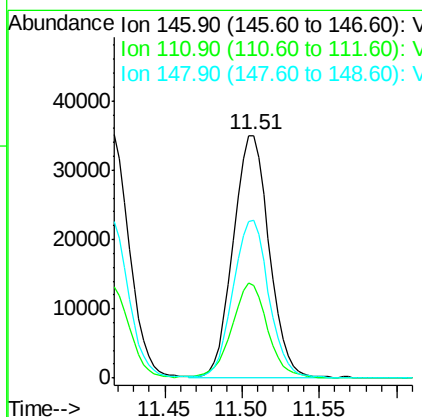
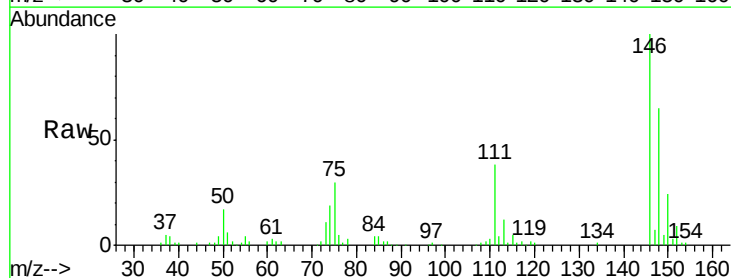
Instrument :  
 MSVOA\_U  
 ClientSampled :

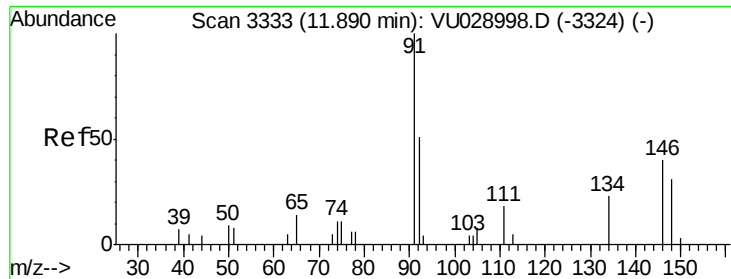
Tot Ion:146 Resp: 55756  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 19.3 57.8  
 148 63.2 32.5 97.5



#88  
 1,4-Dichlorobenzene  
 Concen: 18.917 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion:146 Resp: 56220  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 19.1 57.3  
 148 65.7 32.6 98.0





#89

n-Butylbenzene

Concen: 20.230 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

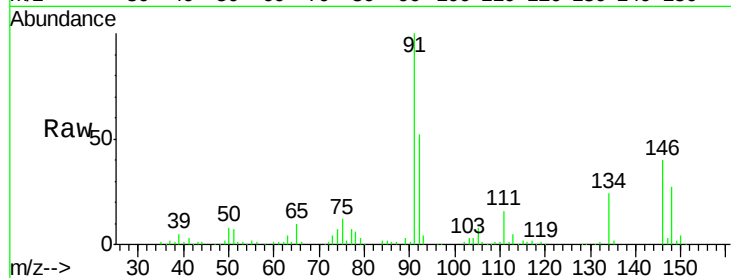
Tot Ion: 91 Resp: 92250

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

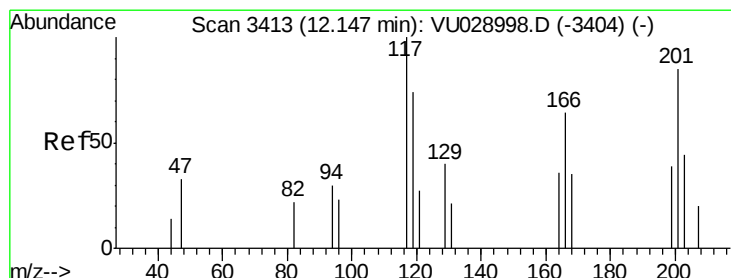
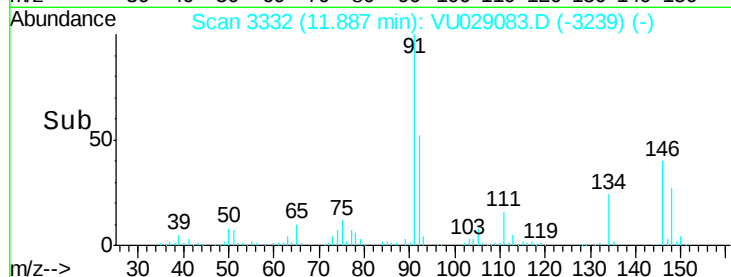
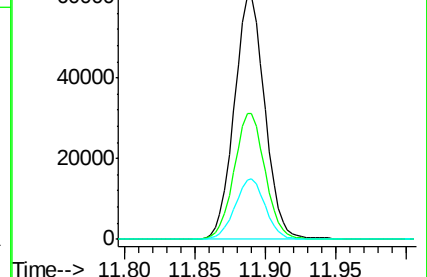
134 24.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-3324) (-)

Ion 92.00 (91.70 to 92.70): VU028998.D (-3324) (-)

Ion 134.00 (133.70 to 134.70): VU028998.D (-3324) (-)



#90

Hexachloroethane

Concen: 19.335 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU029083.D

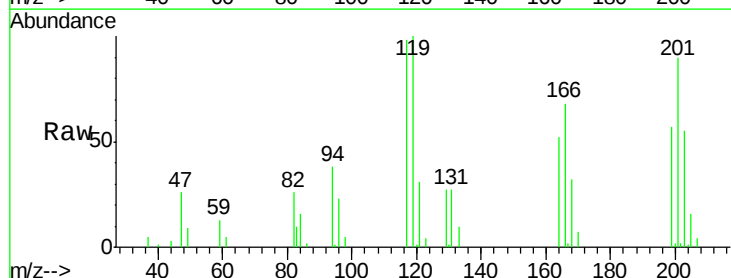
Acq: 09 Jan 2019 10:26

Tgt Ion: 117 Resp: 16618

Ion Ratio Lower Upper

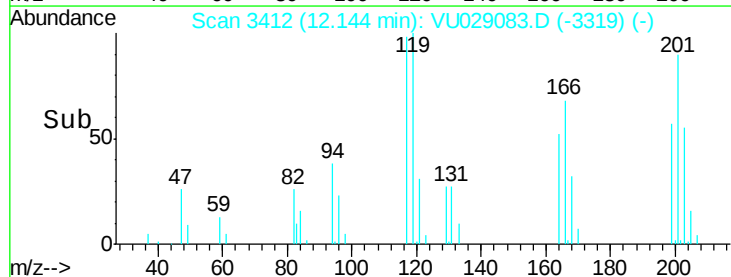
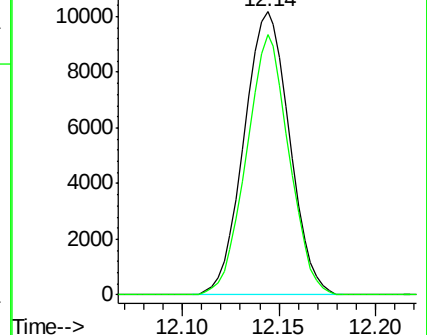
117 100

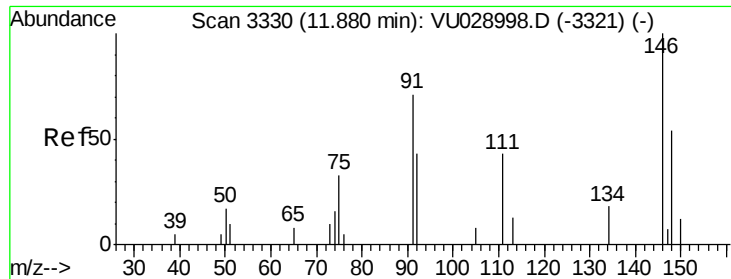
201 86.1 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-3404) (-)

Ion 200.70 (200.40 to 201.40): VU028998.D (-3404) (-)





#91

1,2-Dichlorobenzene

Concen: 19.499 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

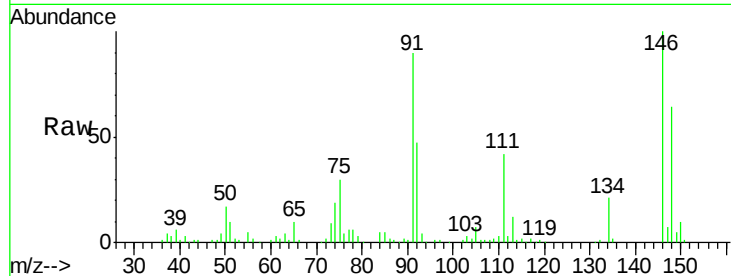
Tot Ion:146 Resp: 56546

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

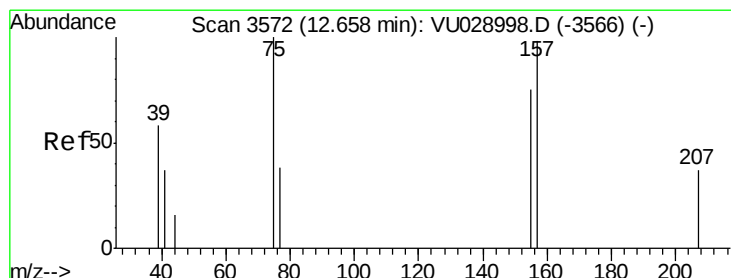
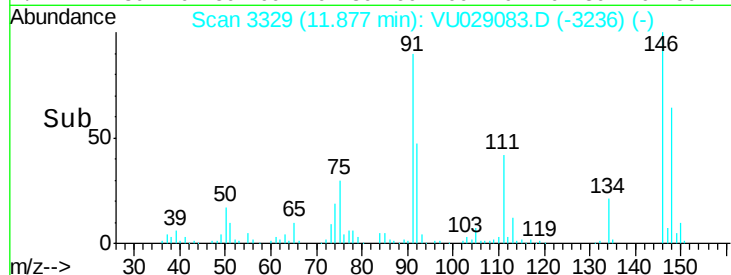
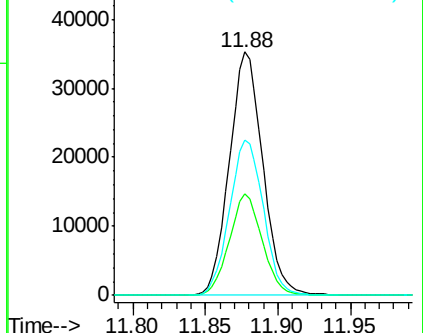
148 64.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.054 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

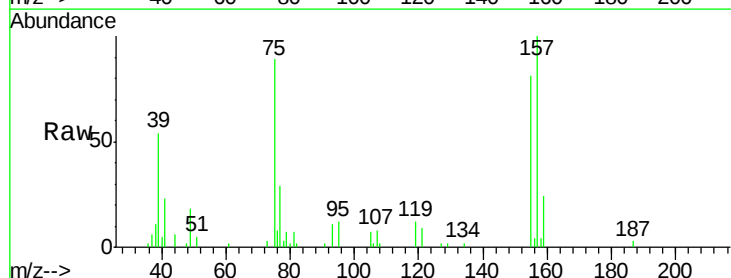
Tgt Ion: 75 Resp: 10240

Ion Ratio Lower Upper

75 100

155 89.7 46.3 138.8

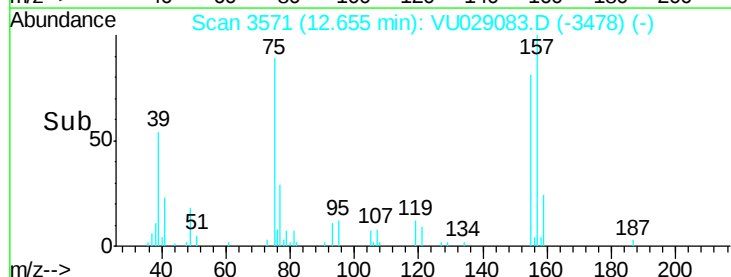
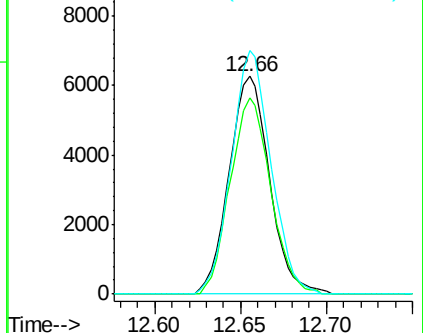
157 109.2 57.4 172.0

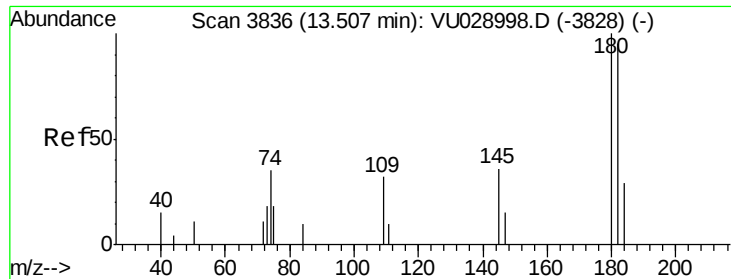


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

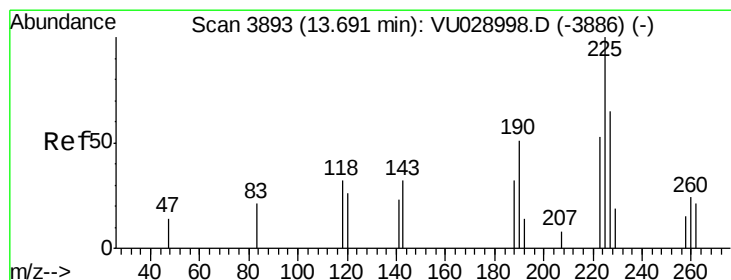
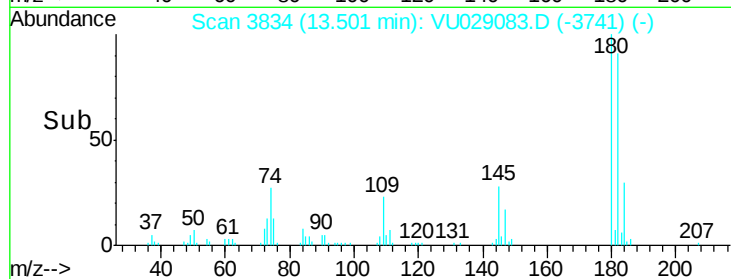
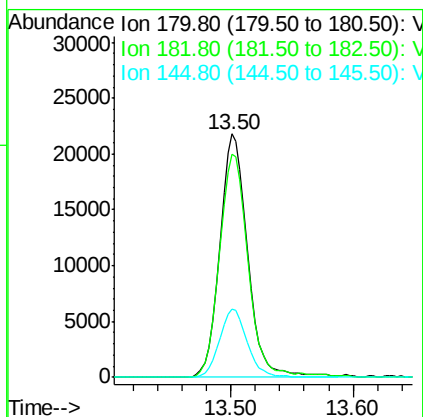
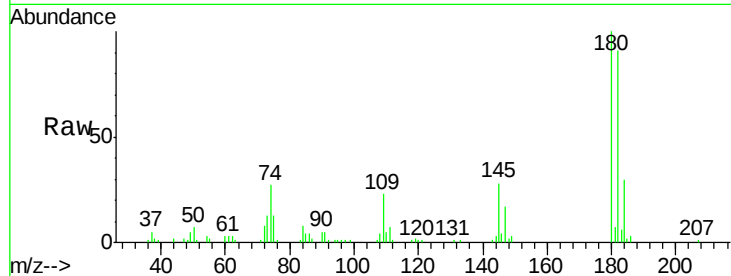




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.907 ug/l  
 RT: 13.50 min Scan# 3834  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

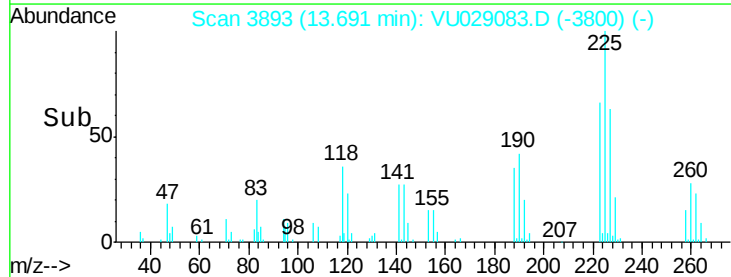
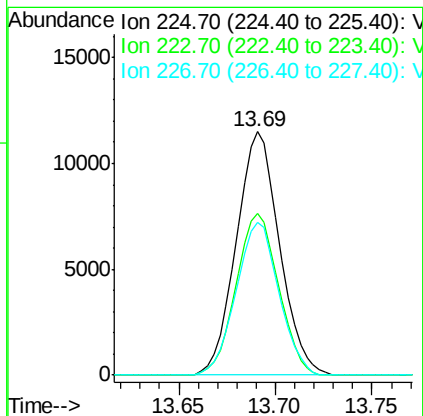
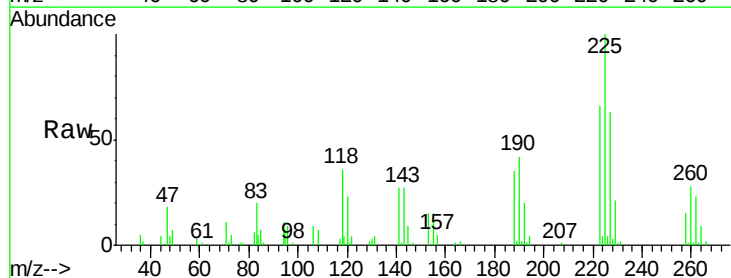
Instrument :  
 MSVOA\_U  
 ClientSampled :

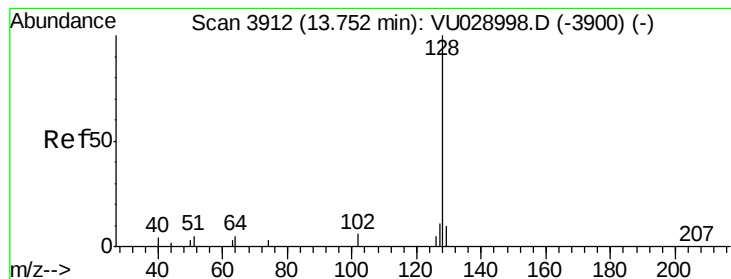
Tot Ion:180 Resp: 35001  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 47.5 142.6  
 145 27.8 14.0 42.0



#94  
 Hexachlorobutadiene  
 Concen: 21.098 ug/l  
 RT: 13.69 min Scan# 3893  
 Delta R.T. 0.00 min  
 Lab File: VU029083.D  
 Acq: 09 Jan 2019 10:26

Tgt Ion:225 Resp: 17864  
 Ion Ratio Lower Upper  
 225 100  
 223 65.0 31.4 94.0  
 227 62.2 31.9 95.5





#95

Naphthalene

Concen: 17.827 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

Instrument :

MSVOA\_U

ClientSampleId :

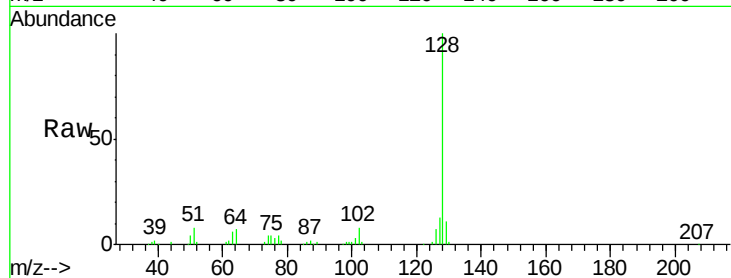
Tot Ion:128 Resp: 112265

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

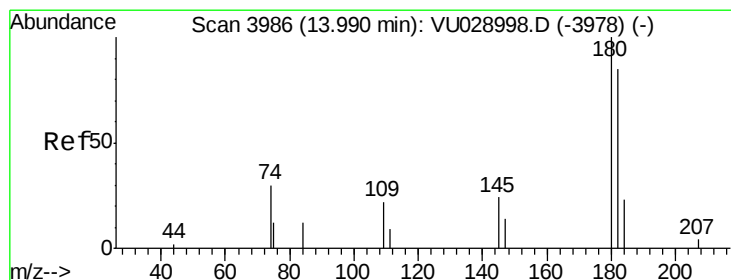
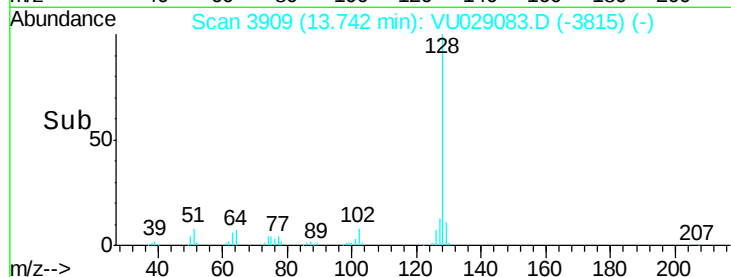
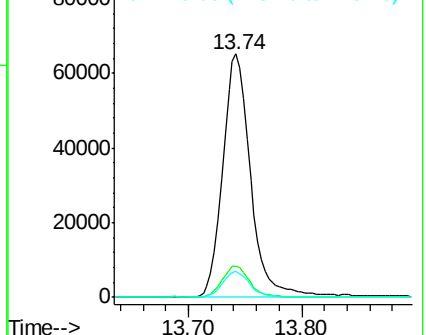
129 10.2 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.741 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU029083.D

Acq: 09 Jan 2019 10:26

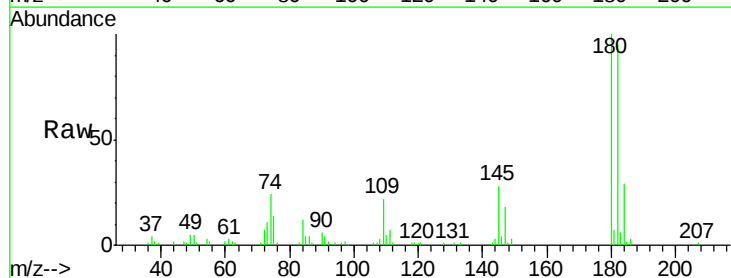
Tgt Ion:180 Resp: 36712

Ion Ratio Lower Upper

180 100

182 96.5 48.1 144.3

145 28.6 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

