

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111218\  
 Data File : VU028055.D  
 Acq On : 12 Nov 2018 11:01  
 Operator : MD/SY  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 13 02:42:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U110218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 02 02:28:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 167595   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 280970   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 269196   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 136379   | 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   | 131467   | 52.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.52% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 93945    | 53.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.06% |          |
| 50) Toluene-d8              | 7.57  | 98   | 373528   | 54.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.16% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 141025   | 55.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.74% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85   | 87574    | 41.122  | ug/l  | 97     |
| 3) Chloromethane              | 1.33 | 50   | 134332   | 52.157  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 122656   | 47.983  | ug/l  | 99     |
| 5) Bromomethane               | 1.62 | 94   | 57243    | 53.605  | ug/l  | 97     |
| 6) Chloroethane               | 1.70 | 64   | 77978    | 52.934  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.89 | 101  | 151908   | 51.427  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.11 | 74   | 65964    | 52.154  | ug/l  | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101  | 91113    | 51.923  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.41 | 142  | 90906    | 55.414  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 2.82 | 59   | 133659   | 202.624 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.29 | 96   | 82915    | 47.205  | ug/l  | 97     |
| 13) Acrolein                  | 2.20 | 56   | 77564    | 321.608 | ug/l  | 96     |
| 14) Allyl chloride            | 2.59 | 41   | 209188   | 48.729  | ug/l  | 98     |
| 15) Acrylonitrile             | 2.93 | 53   | 398630   | 246.015 | ug/l  | 99     |
| 16) Acetone                   | 2.32 | 43   | 386861   | 250.241 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.48 | 76   | 279955   | 48.762  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.61 | 43   | 208403   | 49.005  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 362929   | 51.236  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.70 | 84   | 113094   | 50.104  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 97786    | 48.240  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.57 | 45   | 461002   | 52.015  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.52 | 43   | 1983978  | 260.467 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.45 | 63   | 225662   | 51.117  | ug/l  | 99     |
| 25) 2-Butanone                | 4.26 | 43   | 603561   | 245.403 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.23 | 77   | 180109   | 54.365  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96   | 118981   | 52.343  | ug/l  | 98     |
| 28) Bromochloromethane        | 4.55 | 49   | 117880   | 56.959  | ug/l  | 97     |
| 29) Tetrahydrofuran           | 4.64 | 42   | 371657   | 226.304 | ug/l  | 100    |
| 30) Chloroform                | 4.67 | 83   | 203161   | 50.191  | ug/l  | 97     |
| 31) Cyclohexane               | 5.00 | 56   | 216119   | 49.883  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97   | 169918   | 52.735  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.14 | 75   | 157274   | 53.446  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.38 | 43   | 216755   | 50.271  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.14 | 117  | 139147   | 53.357  | ug/l  | 95     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 13 02:42:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U110218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 02 02:28:20 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 194058   | 54.676  | ug/l   | 97       |
| 40) Benzene                    | 5.39  | 78   | 477210   | 53.041  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.54  | 41   | 121403   | 52.760  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 168412   | 52.662  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 351607   | 52.050  | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 104089   | 53.823  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 142656   | 54.980  | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 80022    | 53.655  | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.76  | 83   | 161389   | 56.152  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 175855   | 53.123  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 52641    | 974.689 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 1125756  | 249.540 | ug/l   | 99       |
| 52) Toluene                    | 7.64  | 92   | 284780   | 53.841  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 192841   | 54.013  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 205862   | 58.101  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 117192   | 54.460  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 204870   | 53.986  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 212706   | 54.263  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 551023   | 271.115 | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 875950   | 251.046 | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.48  | 129  | 116388   | 57.157  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 124703   | 54.538  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.23  | 164  | 94966    | 54.405  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 299309   | 52.627  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 104016   | 53.544  | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.25  | 91   | 559561   | 53.451  | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.38  | 106  | 408773   | 107.616 | ug/l   | 98       |
| 69) o-Xylene                   | 9.78  | 106  | 199505   | 52.014  | ug/l   | 99       |
| 70) Styrene                    | 9.79  | 104  | 328579   | 53.614  | ug/l   | 99       |
| 71) Bromoform                  | 9.96  | 173  | 87543    | 53.772  | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.17 | 105  | 541915   | 51.293  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.01 | 43   | 322061   | 50.412  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 207352   | 48.655  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 247926   | 66.462  | ug/l   | 81       |
| 77) Bromobenzene               | 10.45 | 156  | 123342   | 50.913  | ug/l   | 97       |
| 78) n-propylbenzene            | 10.59 | 91   | 680191   | 53.785  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 385769   | 50.891  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 459064   | 52.452  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 247926   | 165.331 | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 452942   | 52.633  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 438810   | 50.152  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 469435   | 53.266  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 573703   | 53.915  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 488042   | 54.864  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 231026   | 51.623  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 235771   | 51.400  | ug/l   | 100      |
| 89) n-Butylbenzene             | 11.89 | 91   | 496861   | 58.772  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.15 | 117  | 87087    | 54.989  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 235524   | 52.333  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 43573    | 48.523  | ug/l   | 99       |

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

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Nov 13 02:42:13 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U110218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 02 02:28:20 2018  
Response via : Initial Calibration

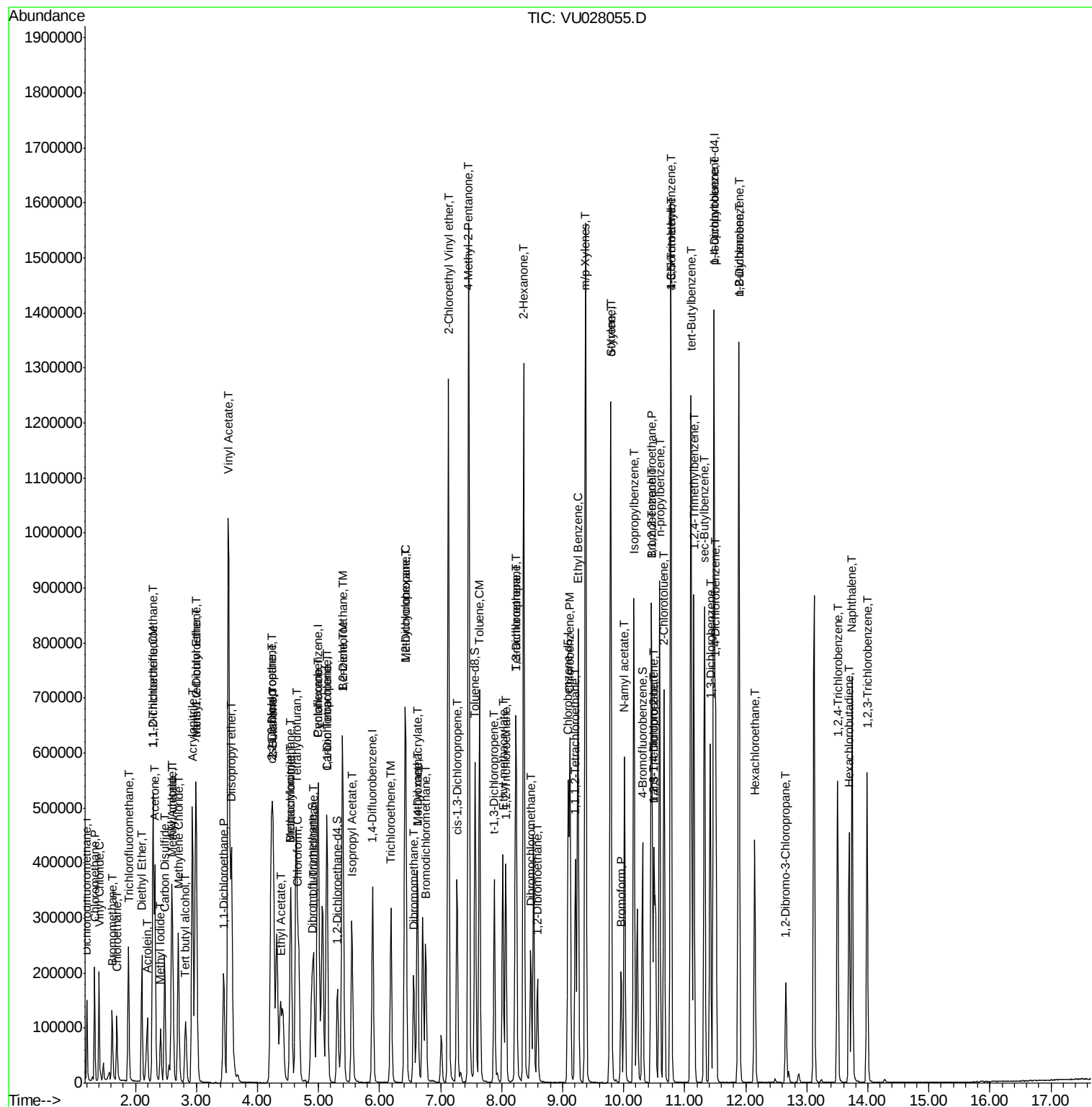
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 162878   | 51.583 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 82101    | 57.400 | ug/l  | 98       |
| 95) Naphthalene            | 13.74 | 128  | 540378   | 48.299 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 165211   | 54.707 | ug/l  | 100      |

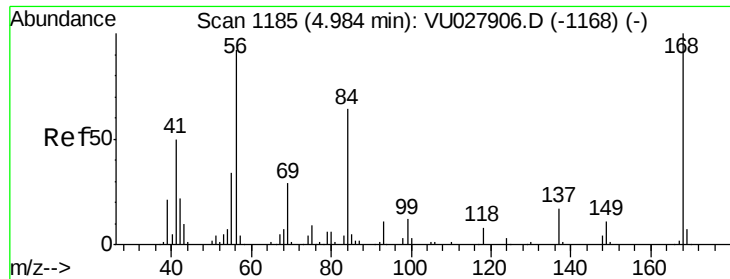
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111218\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

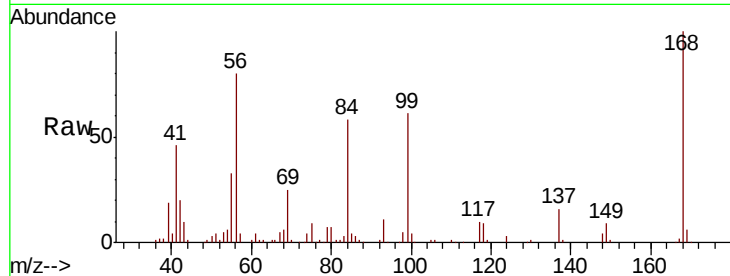
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion:168 Resp: 167595

Ion Ratio Lower Upper

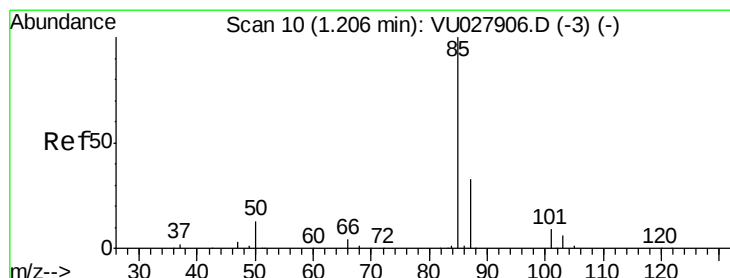
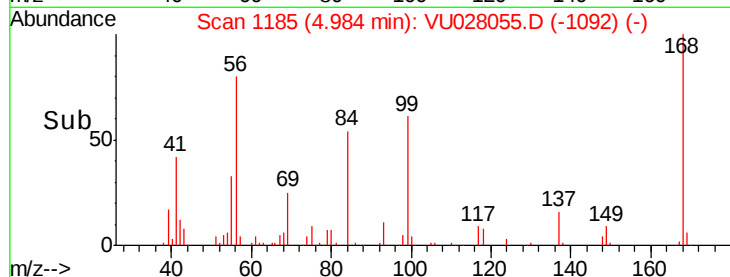
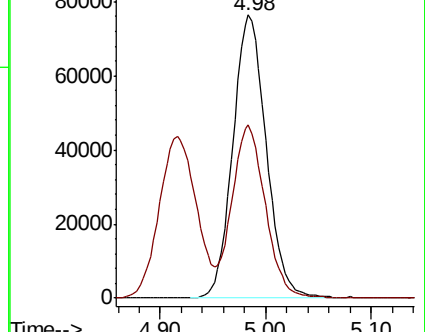
168 100

99 60.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028055.D (-1092) (-)



#2

Dichlorodifluoromethane

Concen: 41.122 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028055.D

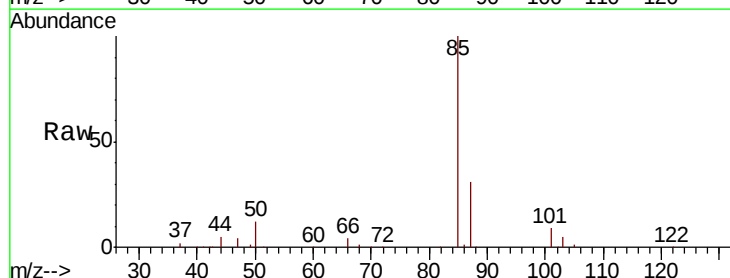
Acq: 12 Nov 2018 11:01

Tgt Ion: 85 Resp: 87574

Ion Ratio Lower Upper

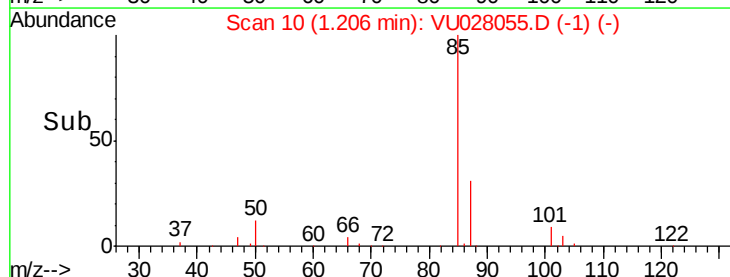
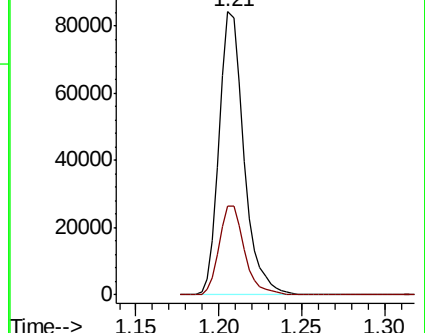
85 100

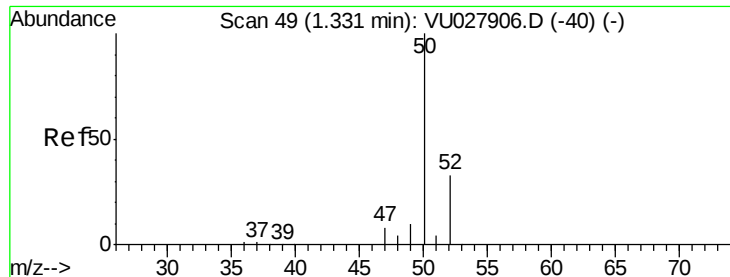
87 31.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028055.D (-1) (-)





#3

Chloromethane

Concen: 52.157 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

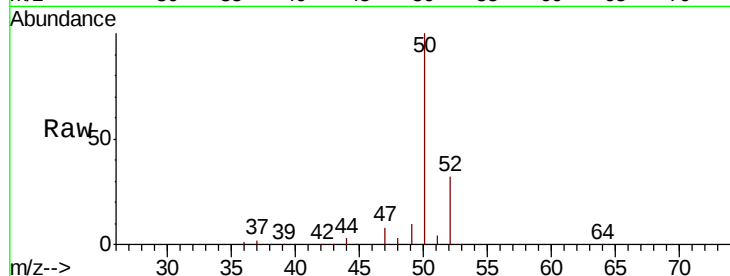
VSTDCCC050

Tot Ion: 50 Resp: 134332

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU027906.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028055.D (-1) (-)

1.33

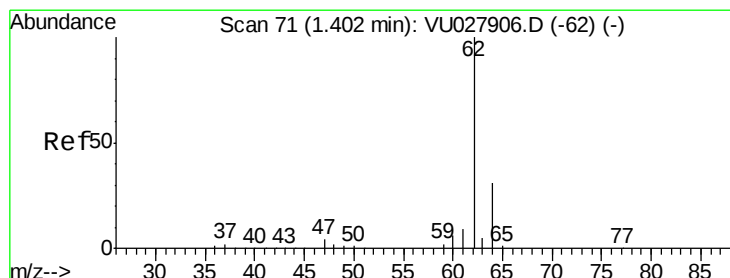
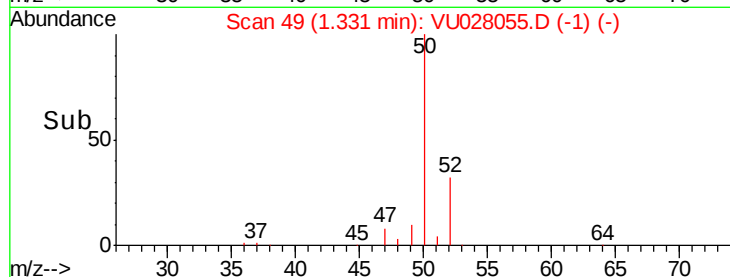
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.983 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028055.D

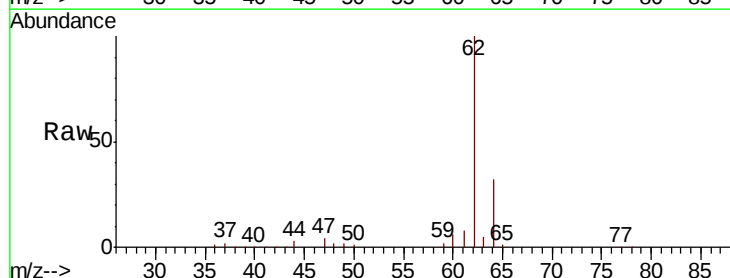
Acq: 12 Nov 2018 11:01

Tgt Ion: 62 Resp: 122656

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028055.D (-1) (-)

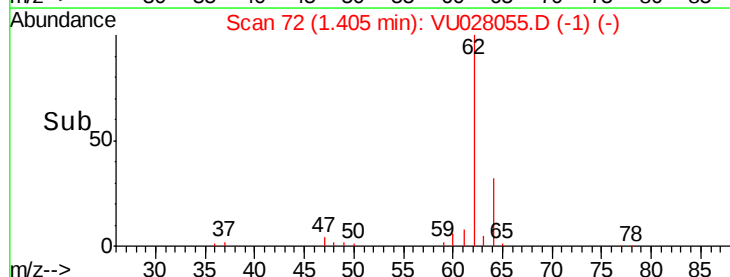
1.40

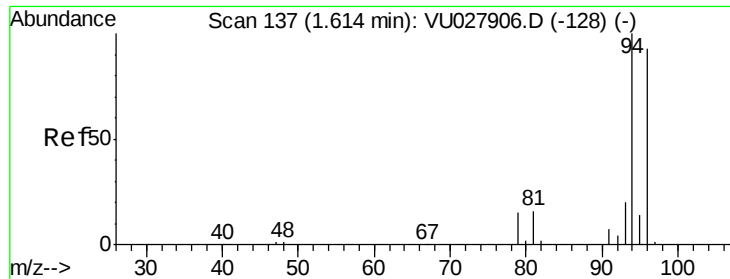
100000

50000

0

Time-->

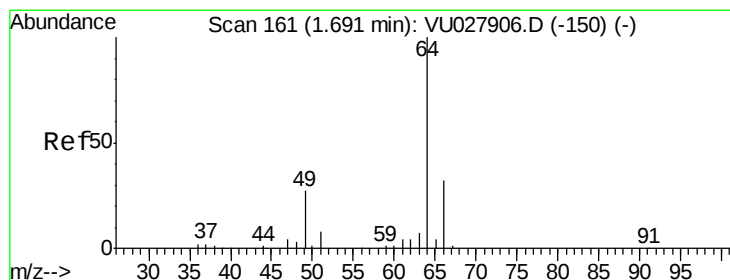
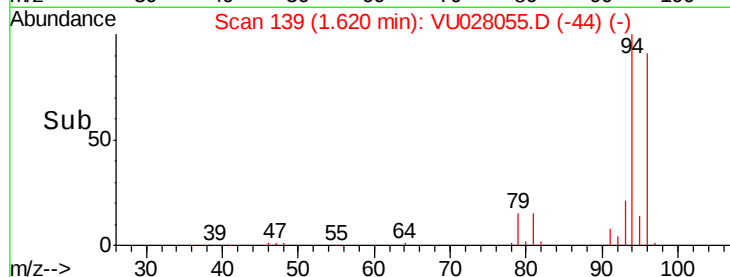
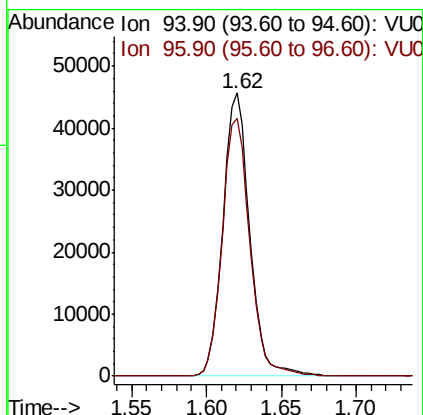
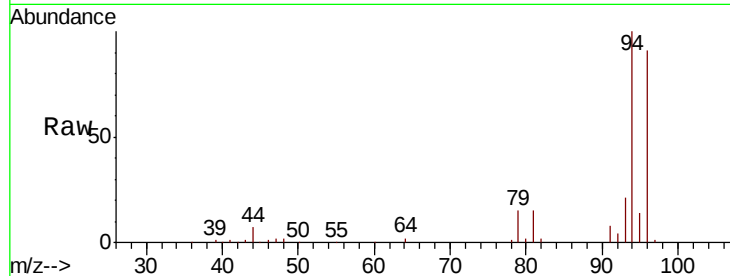




#5  
Bromomethane  
Concen: 53.605 ug/l  
RT: 1.62 min Scan# 139  
Delta R.T. 0.01 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

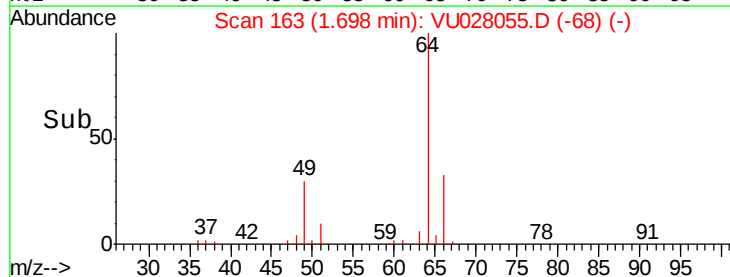
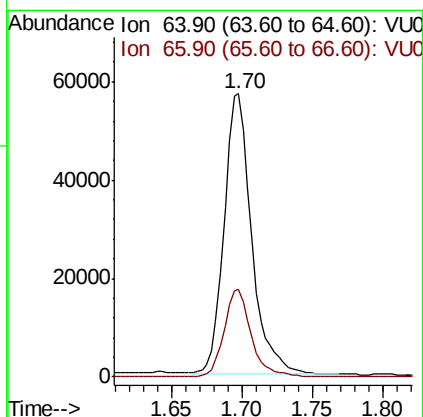
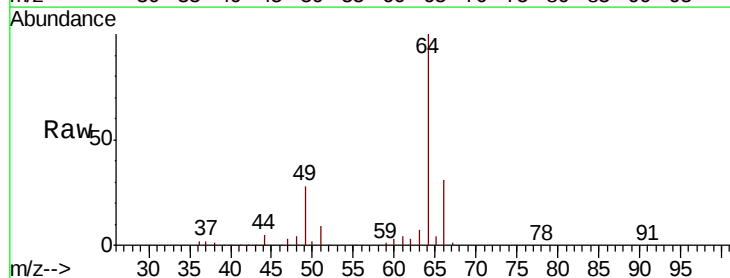
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

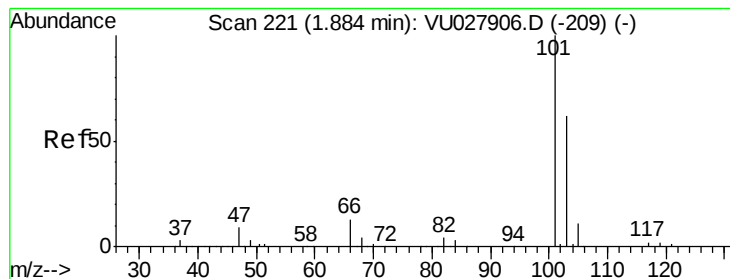
Tot Ion: 94 Resp: 57243  
Ion Ratio Lower Upper  
94 100  
96 91.0 74.8 112.2



#6  
Chloroethane  
Concen: 52.934 ug/l  
RT: 1.70 min Scan# 163  
Delta R.T. 0.01 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 64 Resp: 77978  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.9 38.9



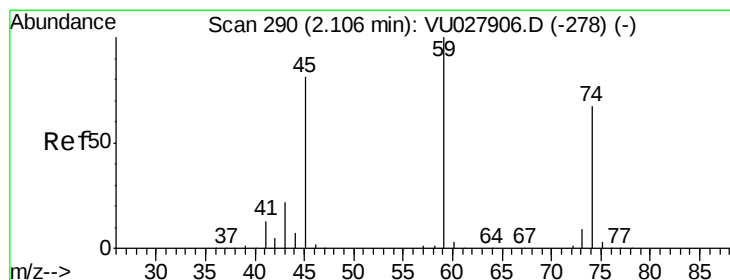
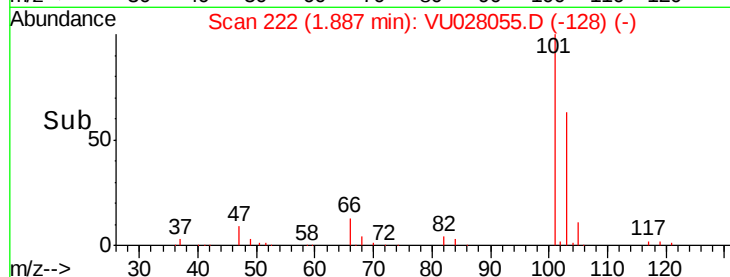
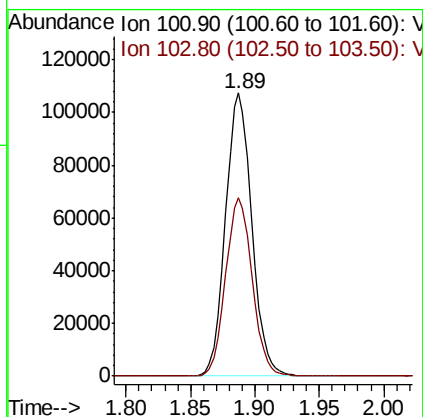
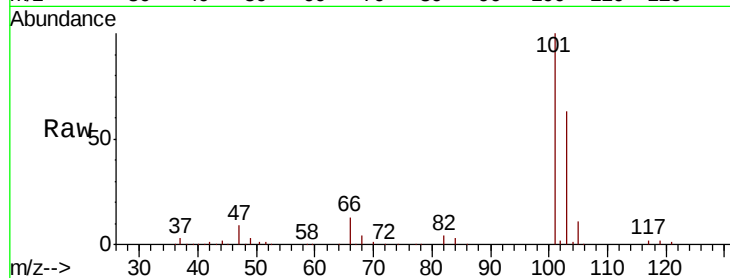


#7

Trichlorofluoromethane  
Concen: 51.427 ug/l  
RT: 1.89 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

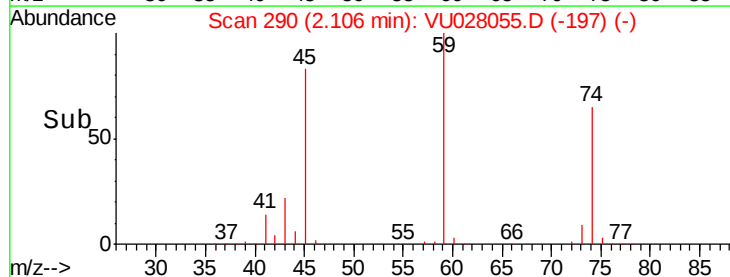
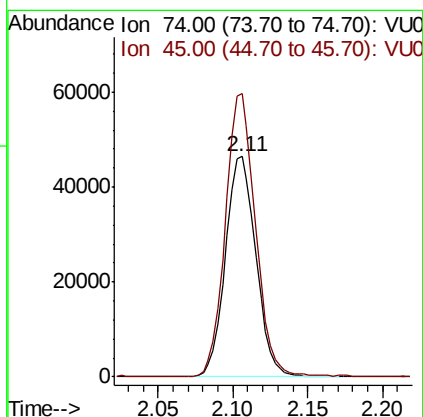
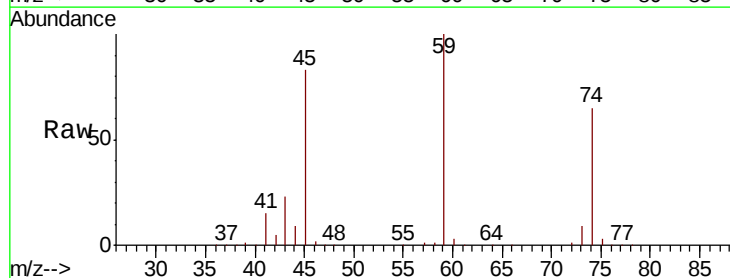
Tot Ion:101 Resp: 151908  
Ion Ratio Lower Upper  
101 100  
103 63.1 49.4 74.2

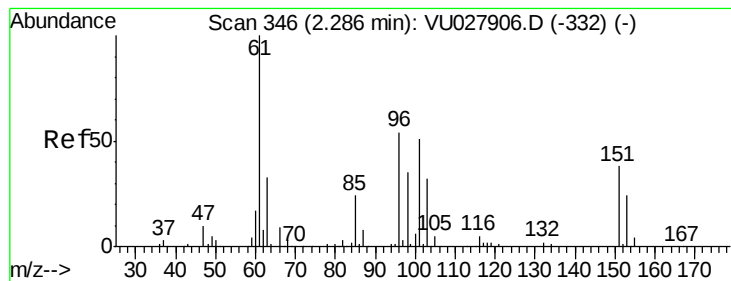


#8

Diethyl Ether  
Concen: 52.154 ug/l  
RT: 2.11 min Scan# 290  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 74 Resp: 65964  
Ion Ratio Lower Upper  
74 100  
45 127.1 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.923 ug/l

RT: 2.29 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

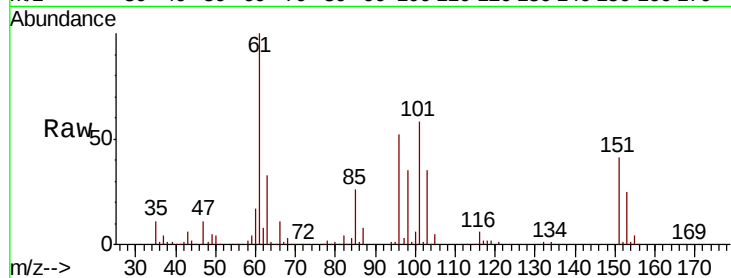
Tot Ion:101 Resp: 91113

Ion Ratio Lower Upper

101 100

85 46.7 36.9 55.3

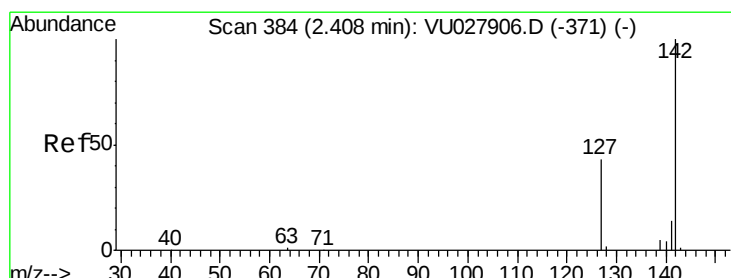
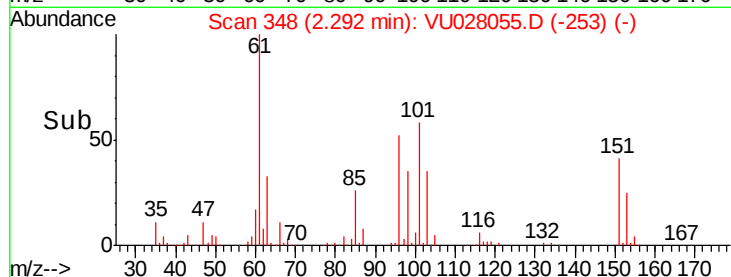
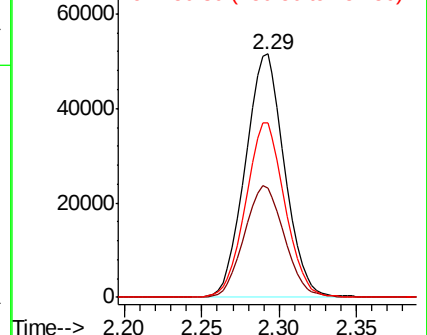
151 71.5 58.0 87.0



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: 55.414 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.01 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

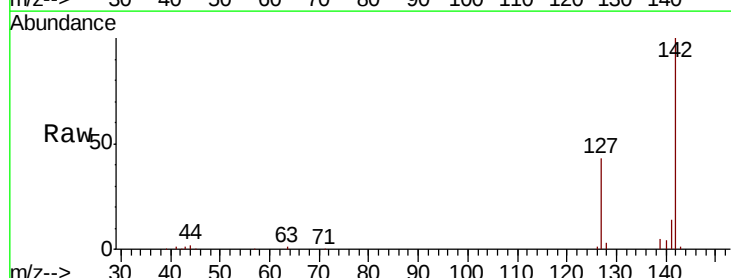
Tgt Ion:142 Resp: 90906

Ion Ratio Lower Upper

142 100

127 44.2 35.2 52.8

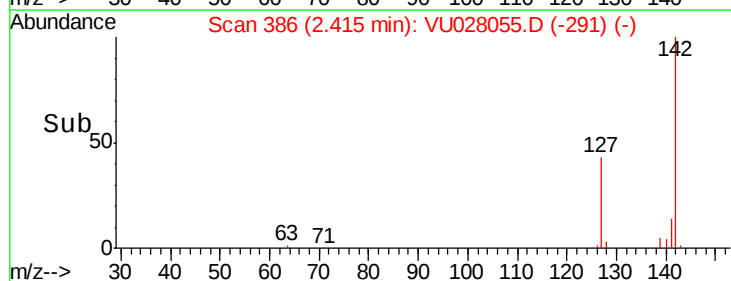
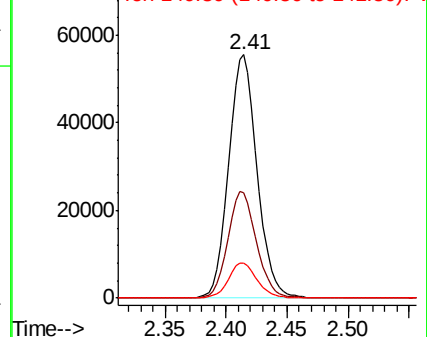
141 14.4 11.8 17.8

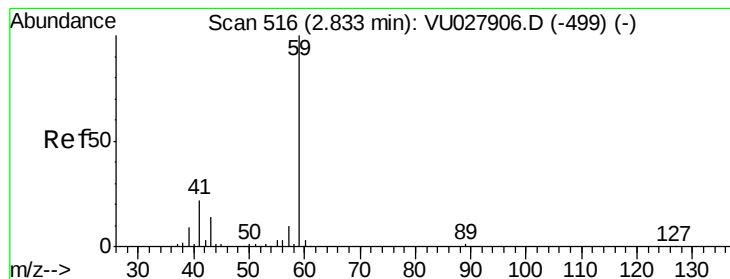


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 202.624 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.01 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

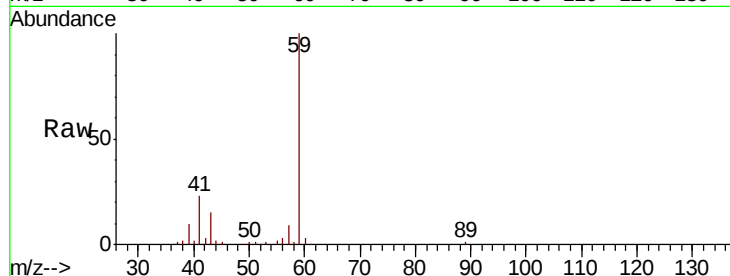
VSTDCCC050

Tot Ion: 59 Resp: 133659

Ion Ratio Lower Upper

59 100

57 9.4 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027906.D (-499) (-)

2.82

60000

40000

20000

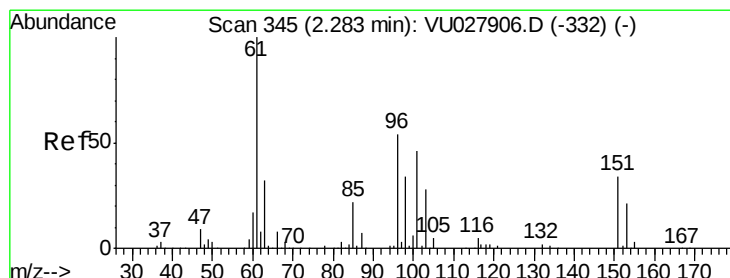
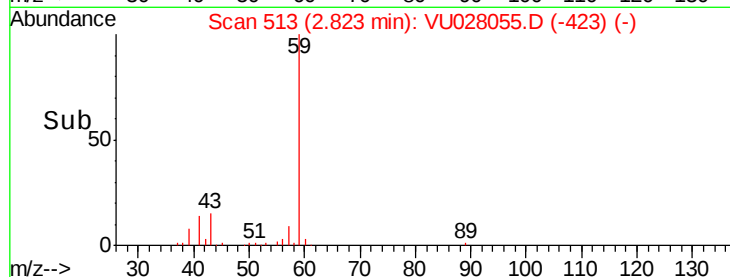
0

Time-->

2.70

2.80

2.90



#12

1,1-Dichloroethene

Concen: 47.205 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

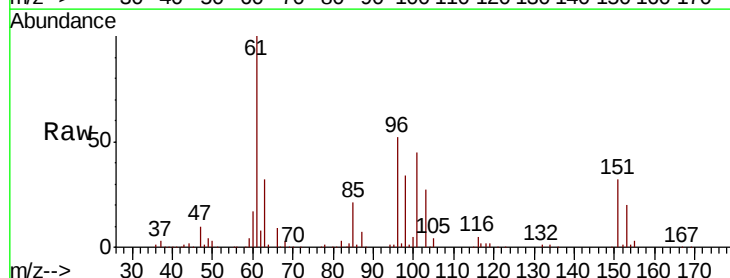
Tgt Ion: 96 Resp: 82915

Ion Ratio Lower Upper

96 100

61 191.7 149.3 223.9

98 64.9 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-332) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-332) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-332) (-)

2.29

100000

50000

0

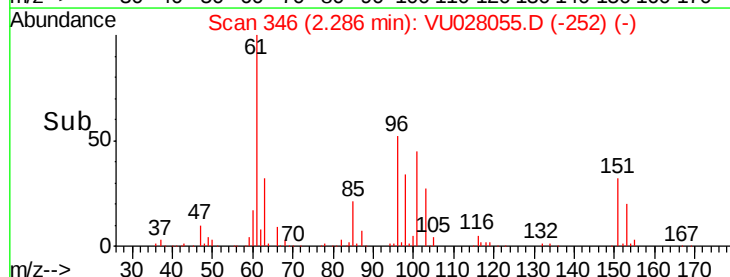
Time-->

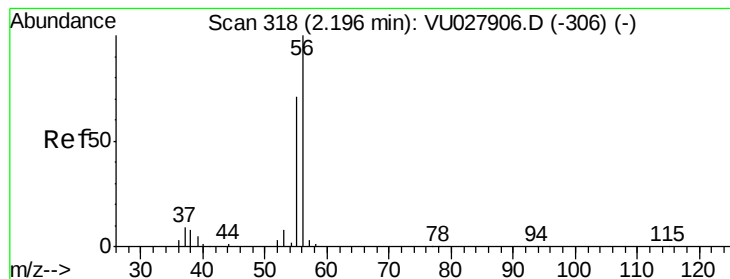
2.20

2.25

2.30

2.35





#13

Acrolein

Concen: 321.608 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

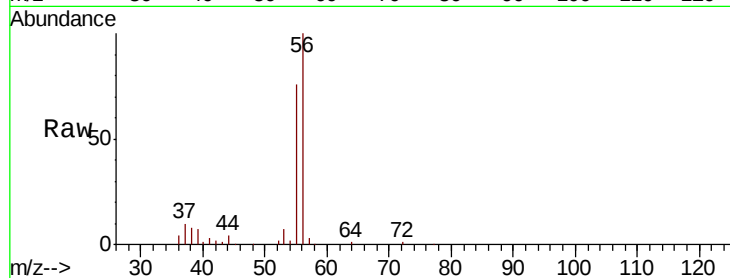
VSTDCCC050

Tot Ion: 56 Resp: 77564

Ion Ratio Lower Upper

56 100

55 73.6 56.2 84.4

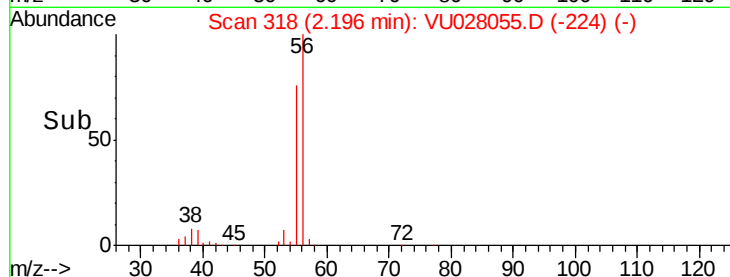


Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU028055.D (-224) (-)

2.20

Time-->

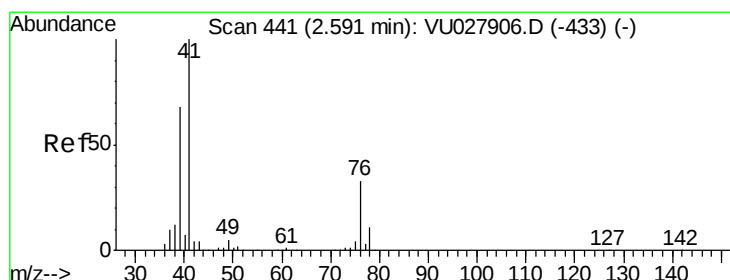


Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU028055.D (-224) (-)

2.20

Time-->



#14

Allyl chloride

Concen: 48.729 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

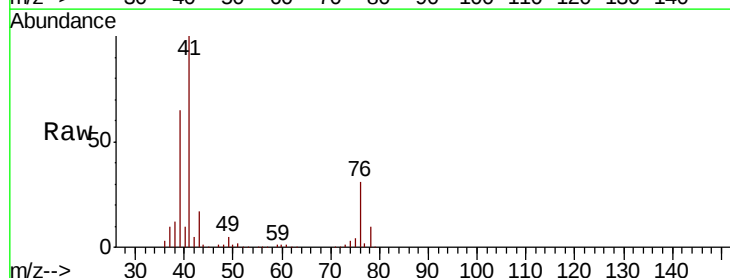
Tgt Ion: 41 Resp: 209188

Ion Ratio Lower Upper

41 100

39 63.6 51.9 77.9

76 30.4 23.8 35.6



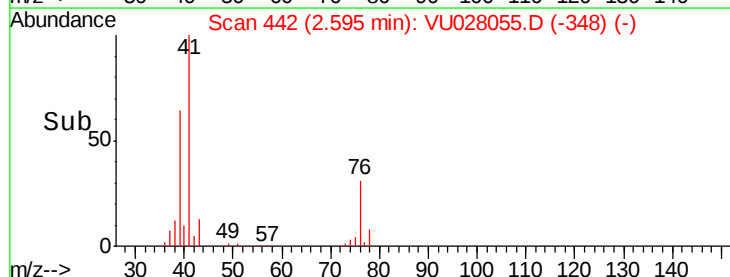
Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU028055.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU028055.D (-348) (-)

2.59

Time-->



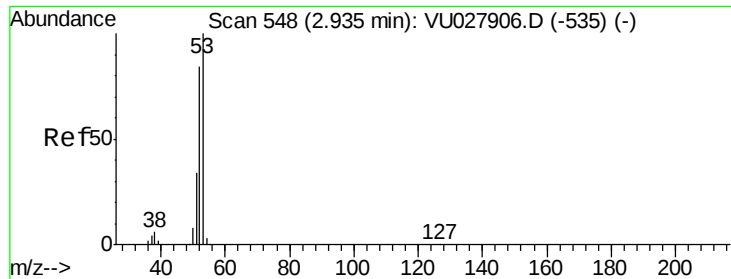
Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU028055.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU028055.D (-348) (-)

2.59

Time-->



#15

Acrylonitrile

Concen: 246.015 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

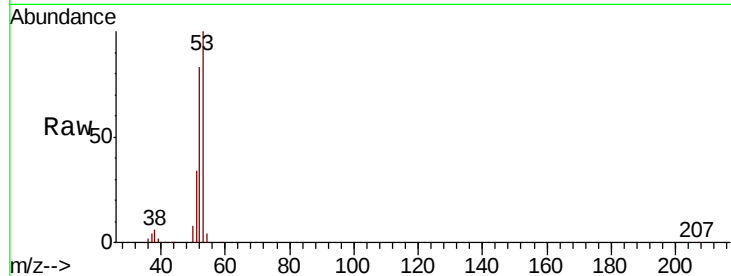
Tot Ion: 53 Resp: 398630

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

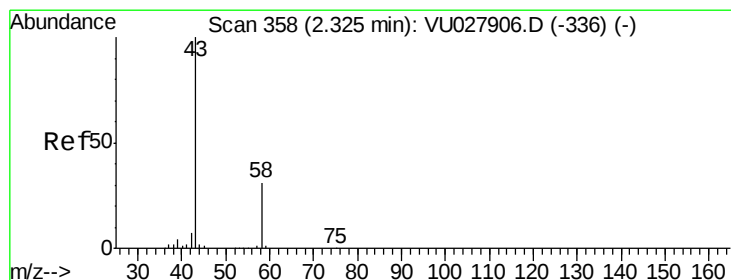
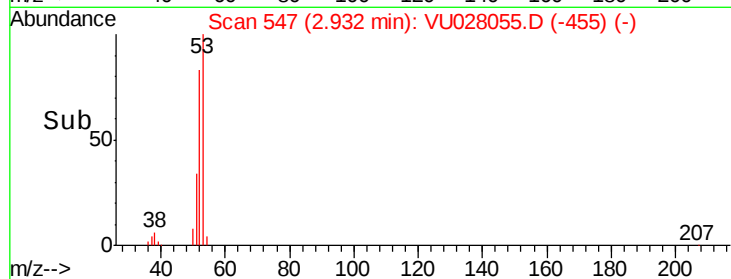
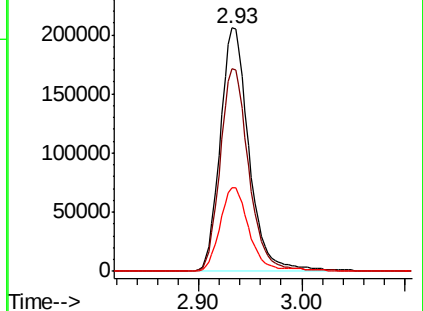
51 34.1 27.0 40.4



Abundance Ion 53.00 (52.70 to 53.70): VU027906.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027906.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027906.D (-535) (-)



#16

Acetone

Concen: 250.241 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU028055.D

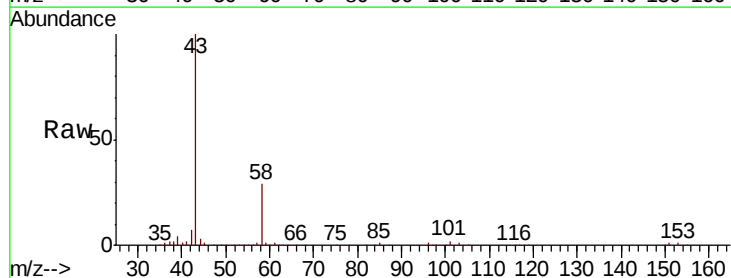
Acq: 12 Nov 2018 11:01

Tgt Ion: 43 Resp: 386861

Ion Ratio Lower Upper

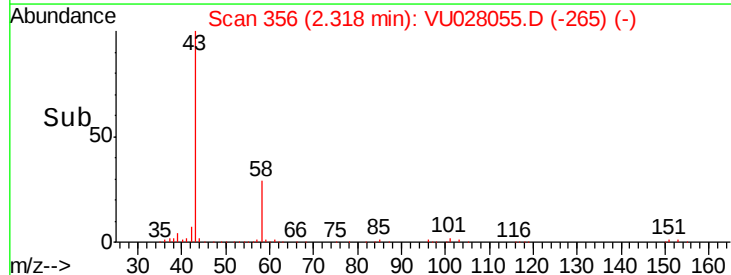
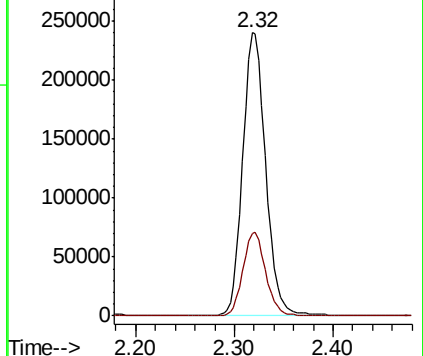
43 100

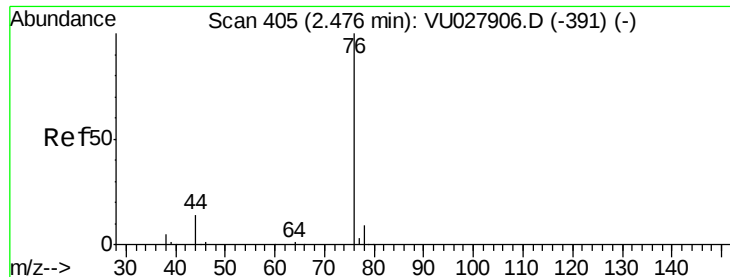
58 29.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

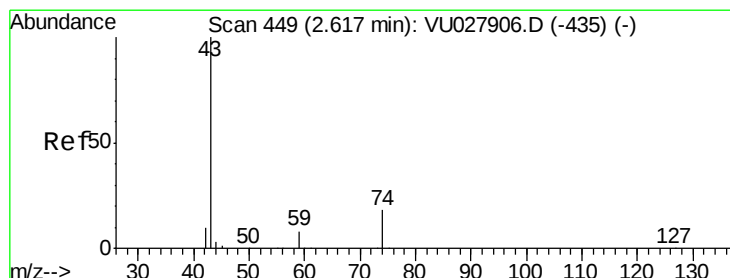
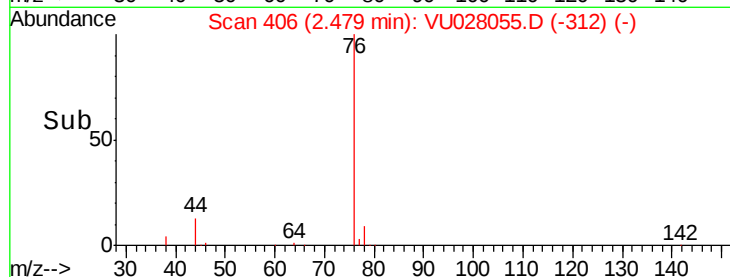
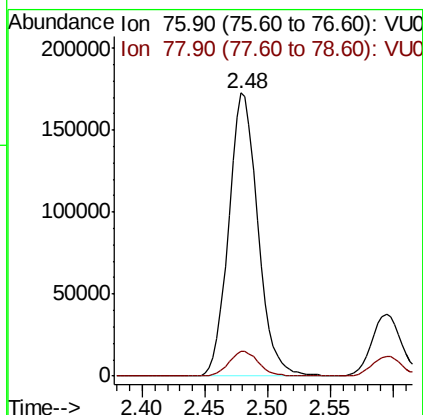
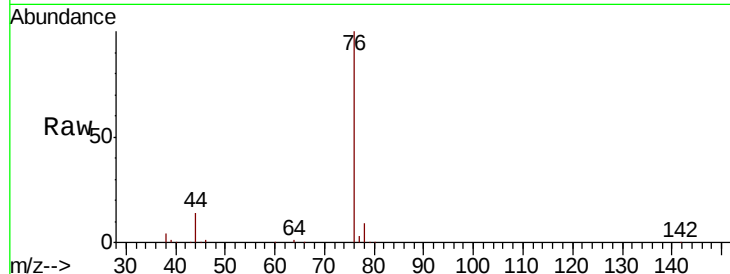




#17  
Carbon Disulfide  
Concen: 48.762 ug/l  
RT: 2.48 min Scan# 406  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

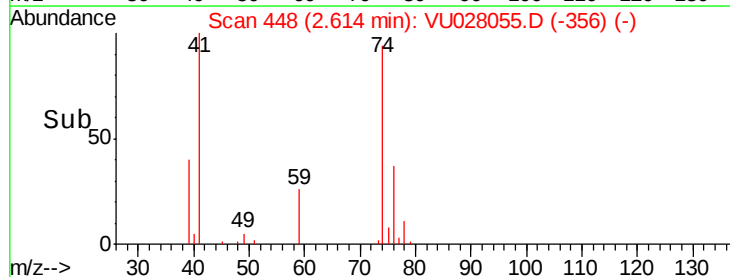
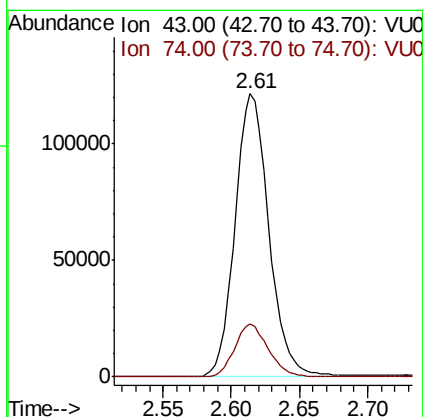
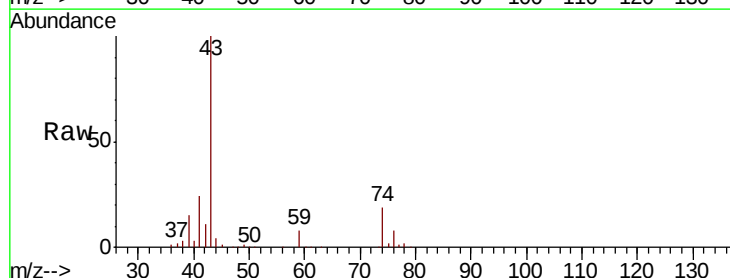
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 76 Resp: 279955  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.005 ug/l  
RT: 2.61 min Scan# 448  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 43 Resp: 208403  
Ion Ratio Lower Upper  
43 100  
74 18.8 14.9 22.3

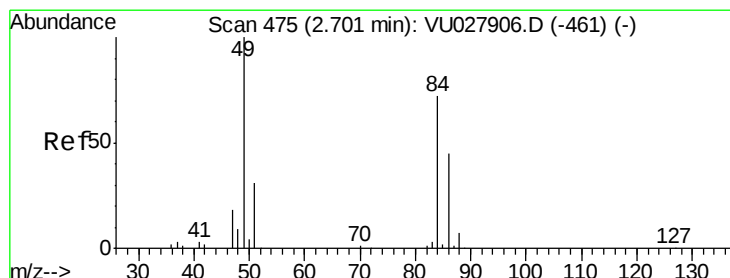
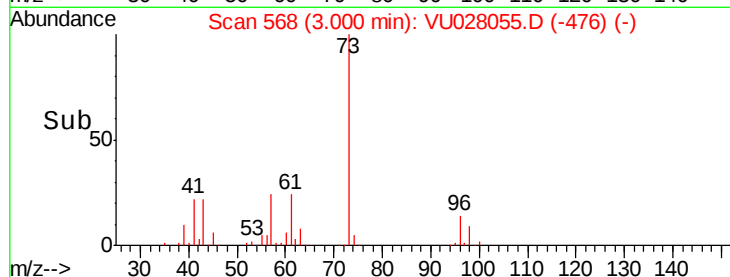
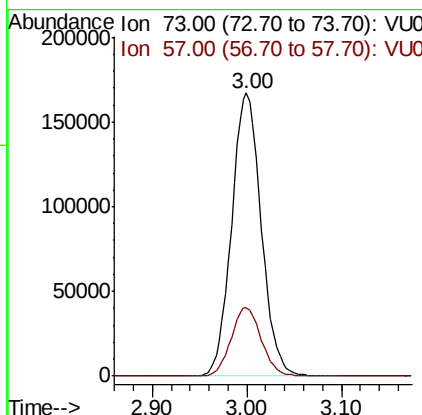
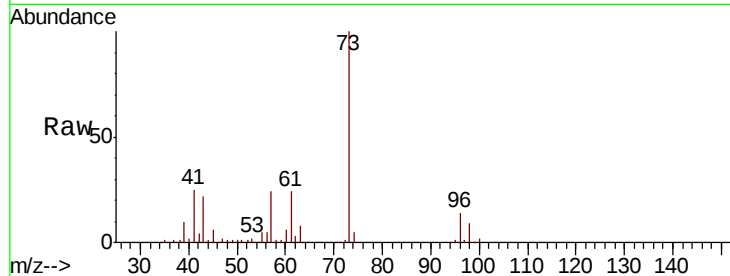




#19  
Methvl tert-butvl Ether  
Concen: 51.236 ug/l  
RT: 3.00 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

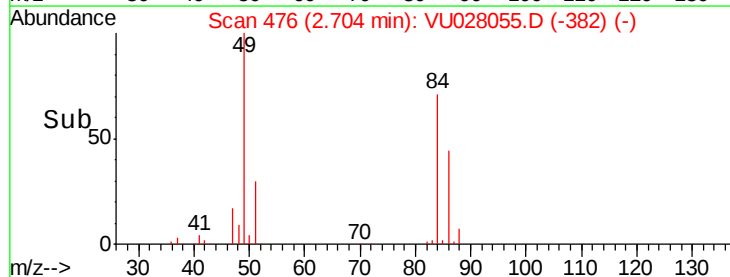
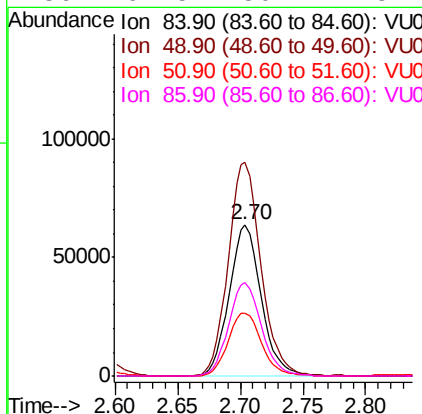
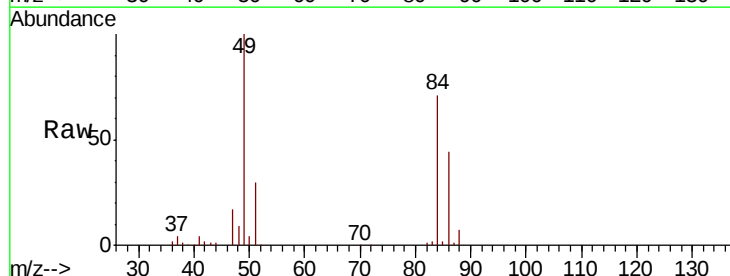
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

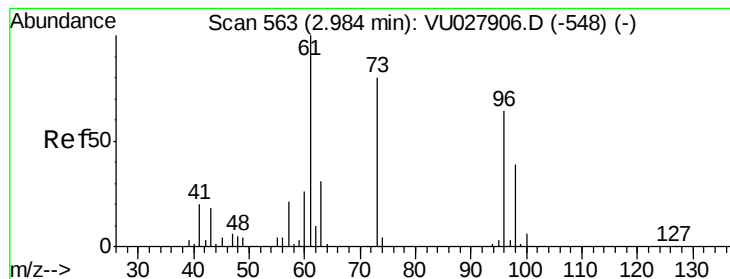
Tot Ion: 73 Resp: 362929  
Ion Ratio Lower Upper  
73 100  
57 24.3 19.3 28.9



#20  
Methylene Chloride  
Concen: 50.104 ug/l  
RT: 2.70 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 84 Resp: 113094  
Ion Ratio Lower Upper  
84 100  
49 140.8 111.6 167.4  
51 41.6 34.8 52.2  
86 61.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.240 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

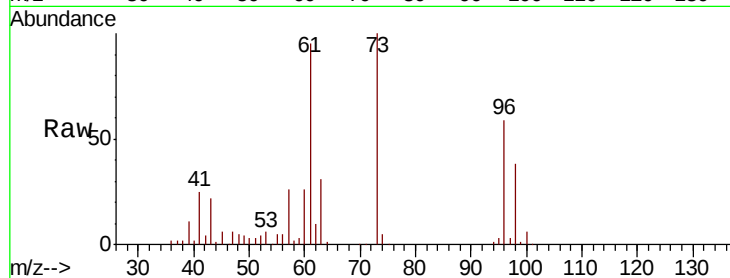
Tot Ion: 96 Resp: 97786

Ion Ratio Lower Upper

96 100

61 161.3 125.0 187.6

98 64.1 48.2 72.4

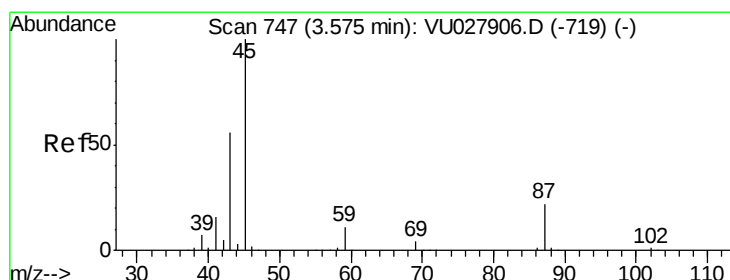
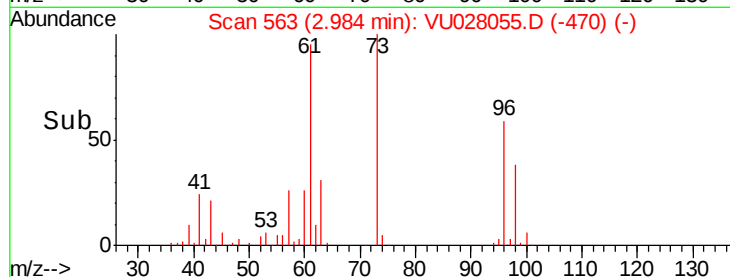
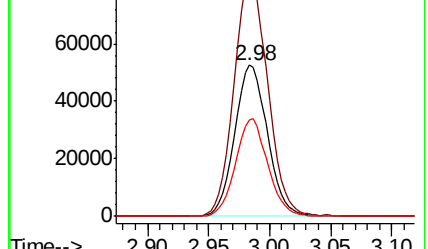


Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-548) (-)

2.98



#22

Diisopropyl ether

Concen: 52.015 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Tgt Ion: 45 Resp: 461002

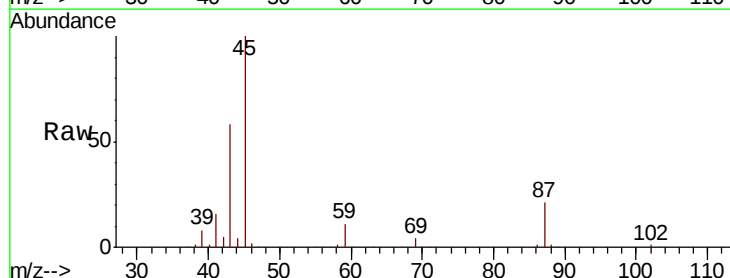
Ion Ratio Lower Upper

45 100

43 57.7 45.0 67.6

87 20.5 17.9 26.9

59 11.3 8.6 12.8



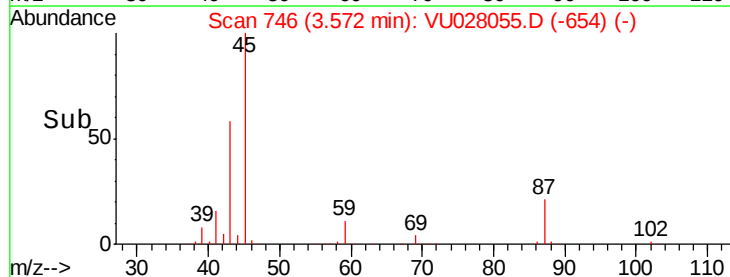
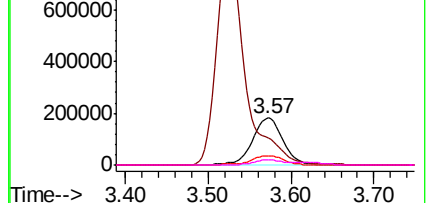
Abundance Ion 45.00 (44.70 to 45.70): VU027906.D (-719) (-)

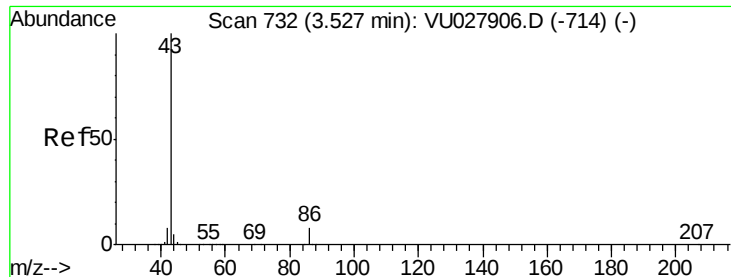
Ion 43.00 (42.70 to 43.70): VU027906.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU027906.D (-719) (-)

3.57





#23

Vinyl Acetate

Concen: 260.467 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

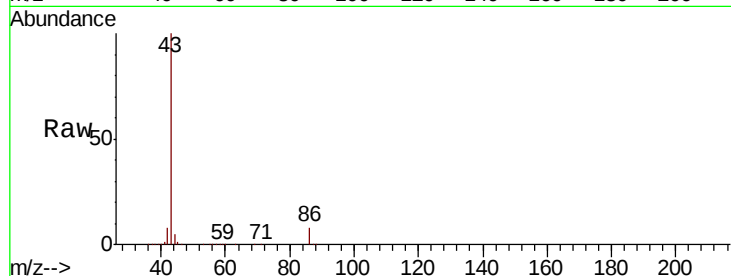
VSTDCCC050

Tot Ion: 43 Resp: 1983978

Ion Ratio Lower Upper

43 100

86 8.1 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU028055.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU028055.D (-639) (-)

3.52

800000

600000

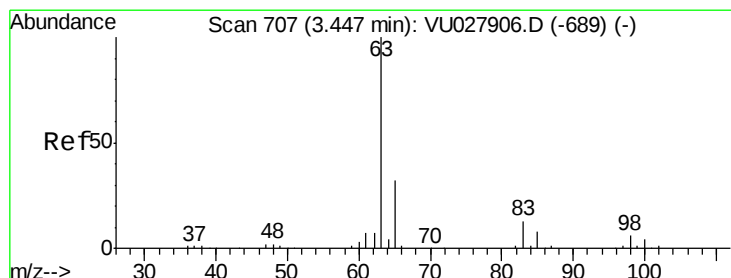
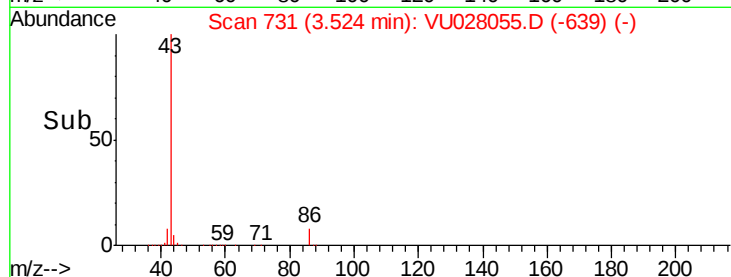
400000

200000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 51.117 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

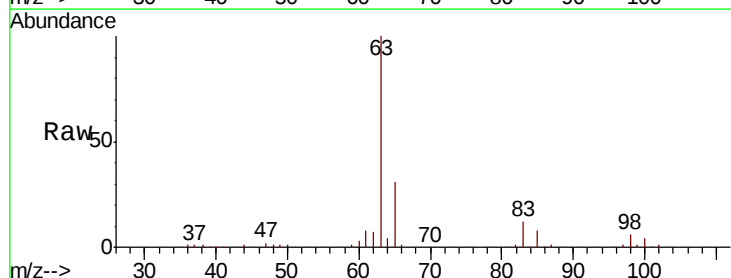
Tgt Ion: 63 Resp: 225662

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU028055.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU028055.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU028055.D (-614) (-)

3.45

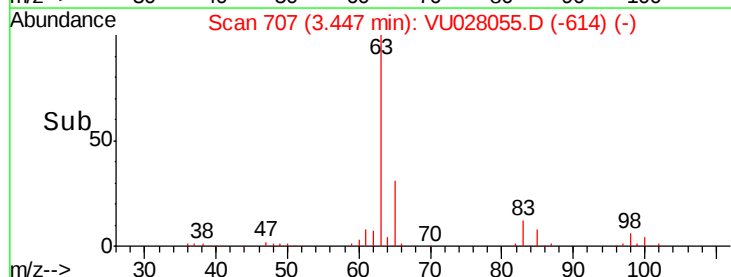
100000

50000

0

3.40 3.50 3.60

Time-->





#25

2-Butanone

Concen: 245.403 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

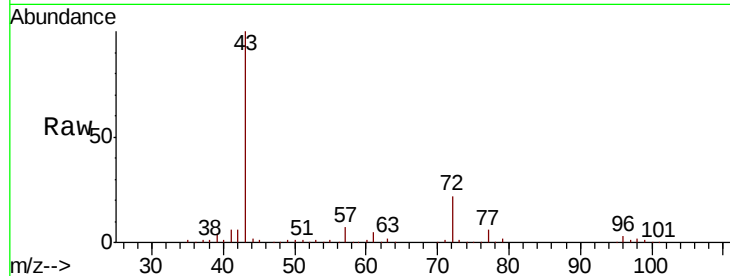
VSTDCCC050

Tot Ion: 43 Resp: 603561

Ion Ratio Lower Upper

43 100

72 21.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)

4.26

250000

200000

150000

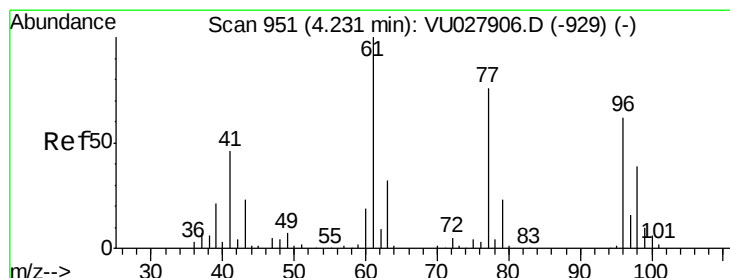
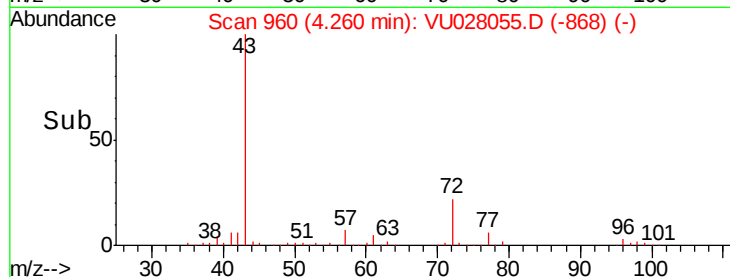
100000

50000

0

4.10 4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 54.365 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028055.D

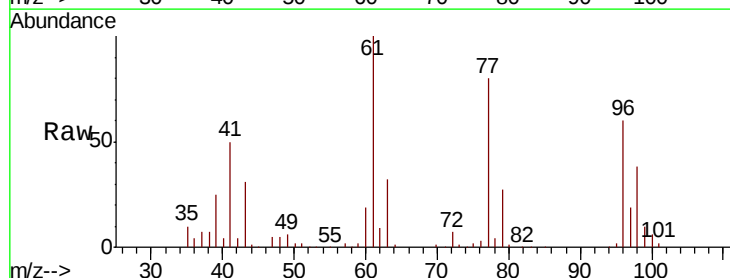
Acq: 12 Nov 2018 11:01

Tgt Ion: 77 Resp: 180109

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU027906.D (-929) (-)

4.23

60000

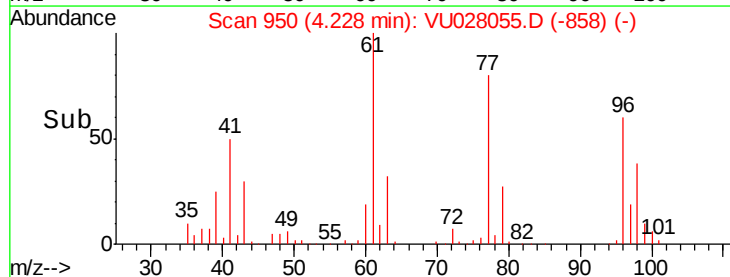
40000

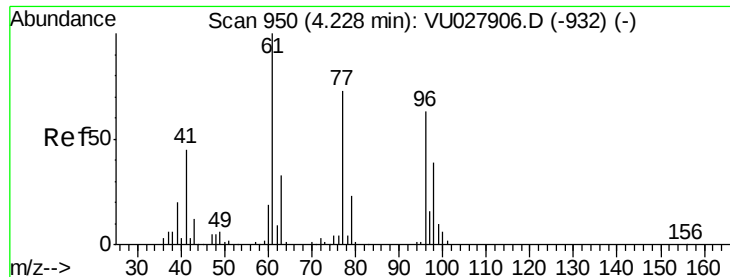
20000

0

4.10 4.20 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.343 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

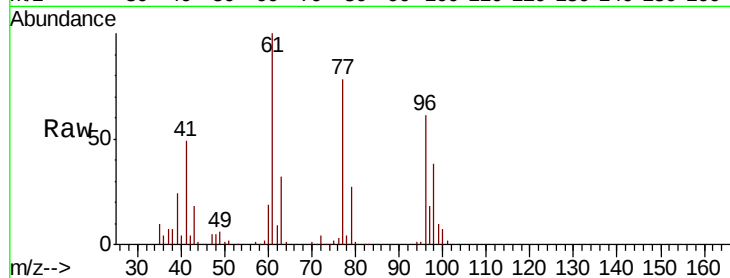
Tot Ion: 96 Resp: 118981

Ion Ratio Lower Upper

96 100

61 167.8 0.0 329.6

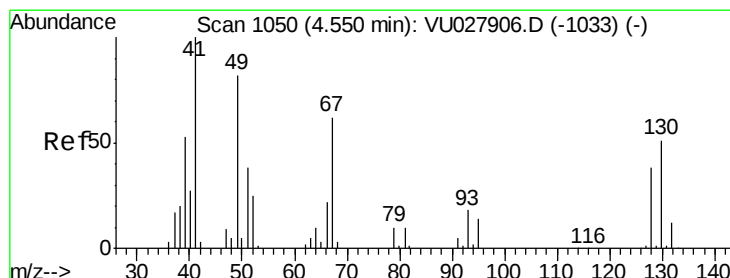
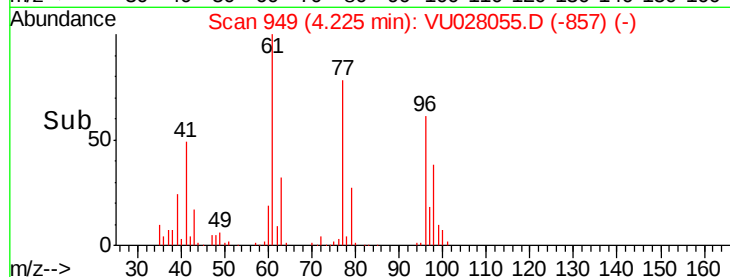
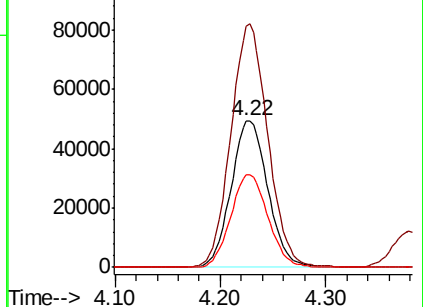
98 64.3 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU027906.D (-932) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-932) (-)



#28

Bromochloromethane

Concen: 56.959 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

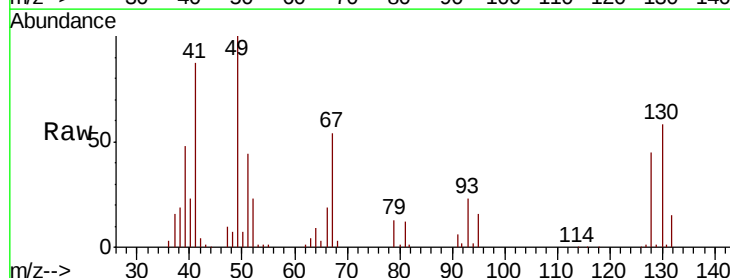
Tgt Ion: 49 Resp: 117880

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

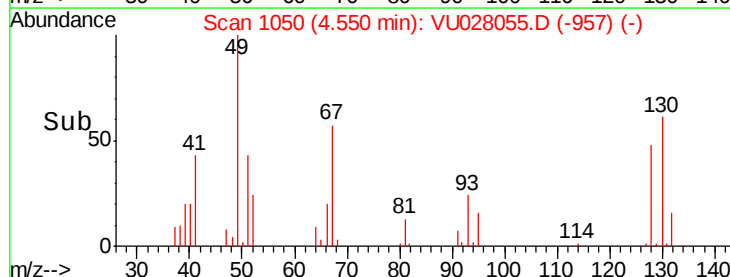
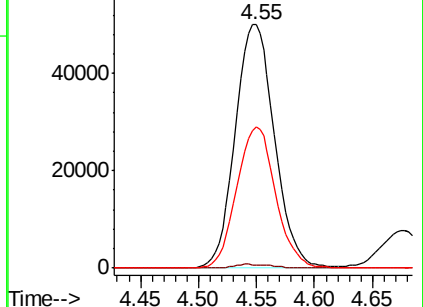
130 57.3 47.8 71.6

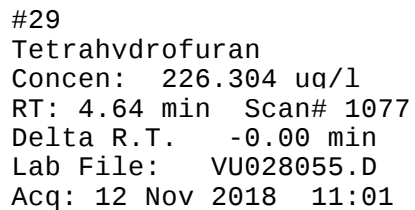


Abundance Ion 48.90 (48.60 to 49.60): VU027906.D (-1033) (-)

Ion 128.80 (128.50 to 129.50): VU027906.D (-1033) (-)

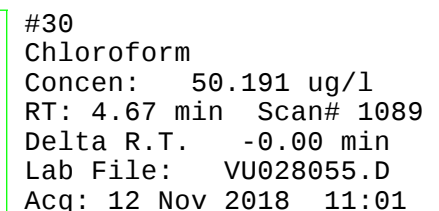
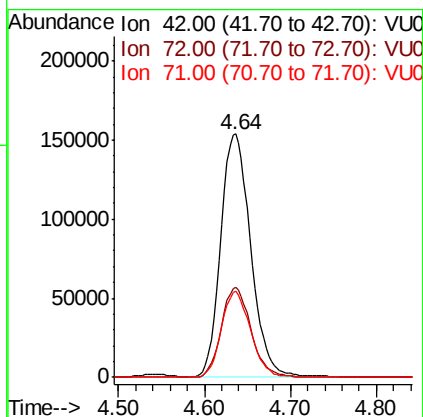
Ion 129.80 (129.50 to 130.50): VU027906.D (-1033) (-)



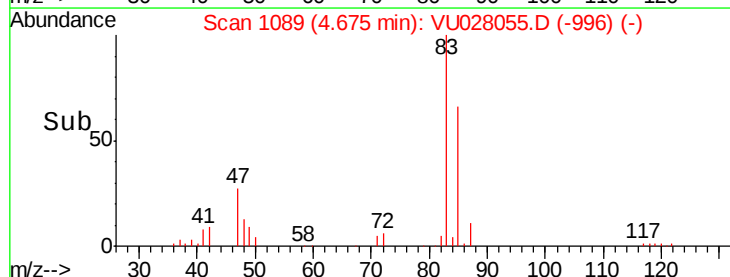
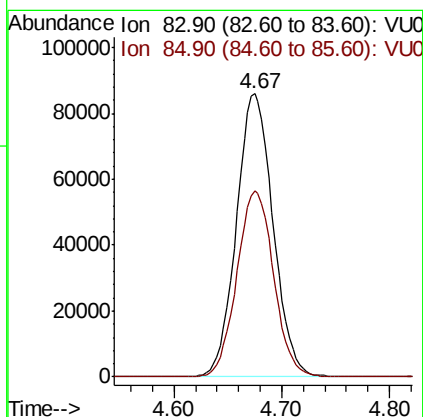


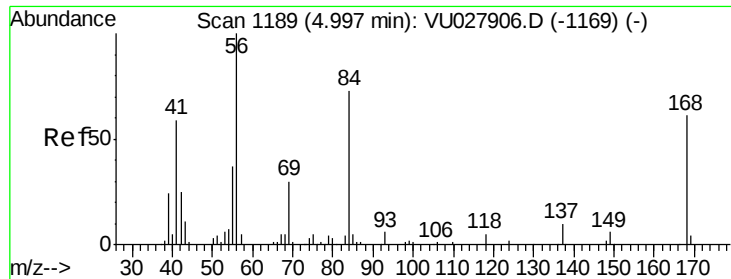
**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
VSTDCCC050

|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion: 42 | Resp: | 371657 |
| Ion | Ratio   | Lower | Upper  |
| 42  | 100     |       |        |
| 72  | 36.7    | 29.4  | 44.0   |
| 71  | 34.7    | 27.9  | 41.9   |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 83 | Resp: | 203161 |
| Ion | Ratio   | Lower | Upper  |
| 83  | 100     |       |        |
| 85  | 65.8    | 50.6  | 76.0   |

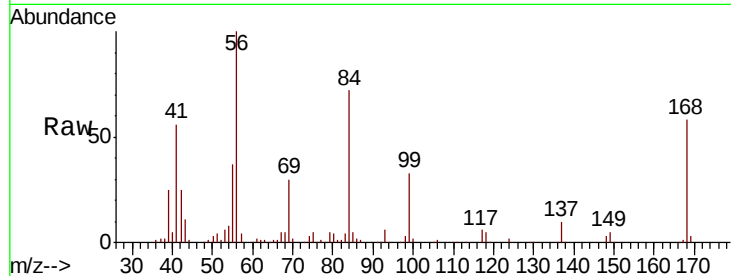




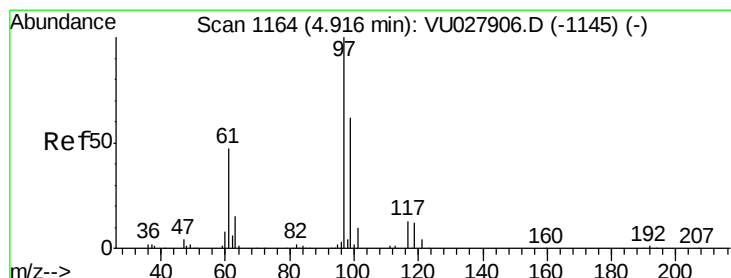
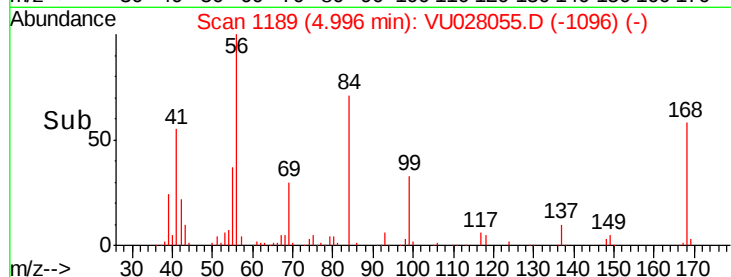
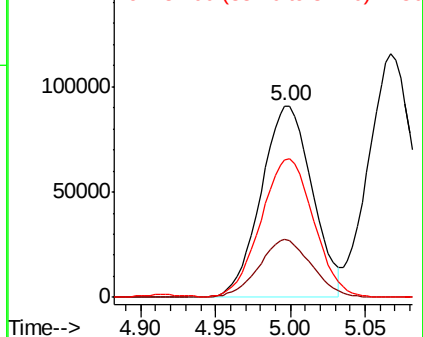
#31  
Cyclohexane  
Concen: 49.883 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 216119  
Ion Ratio Lower Upper  
56 100  
69 30.2 23.7 35.5  
84 71.0 58.2 87.4

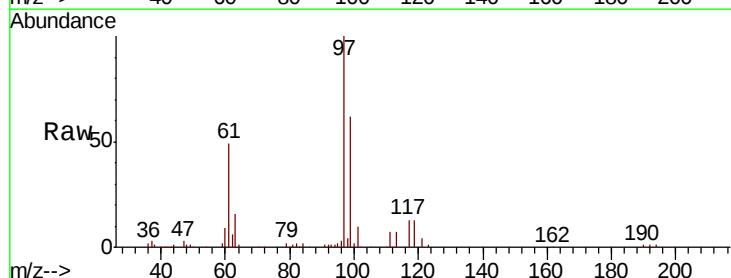


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

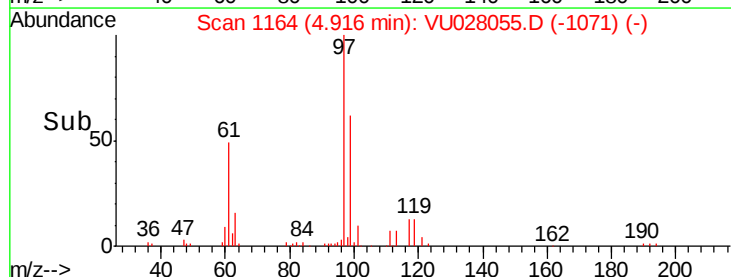
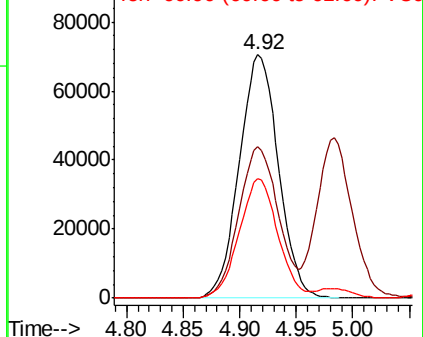


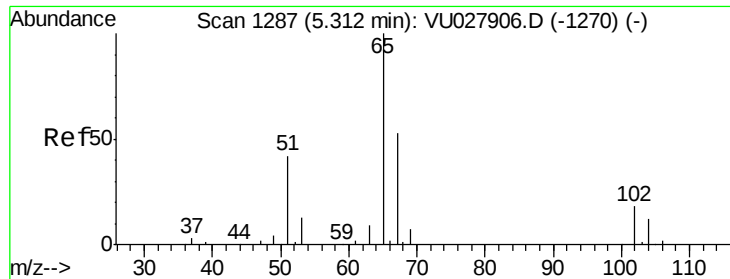
#32  
1,1,1-Trichloroethane  
Concen: 52.735 ug/l  
RT: 4.92 min Scan# 1164  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 97 Resp: 169918  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.5 75.7  
61 48.5 38.3 57.5



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

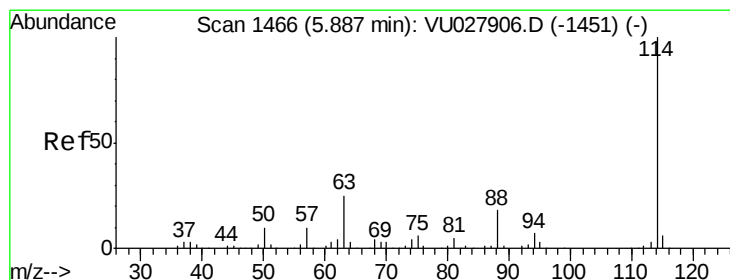
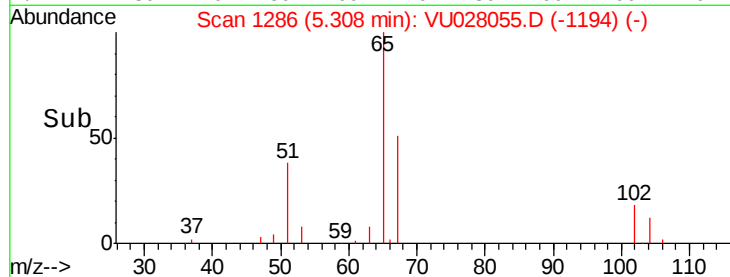
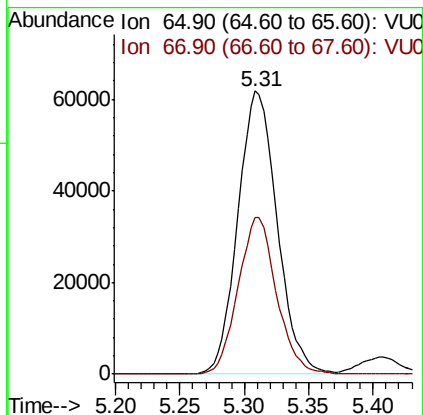
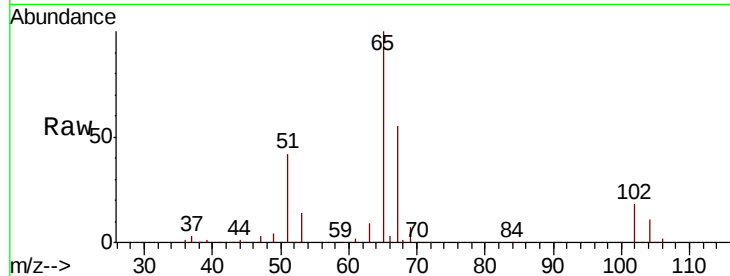




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.762 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

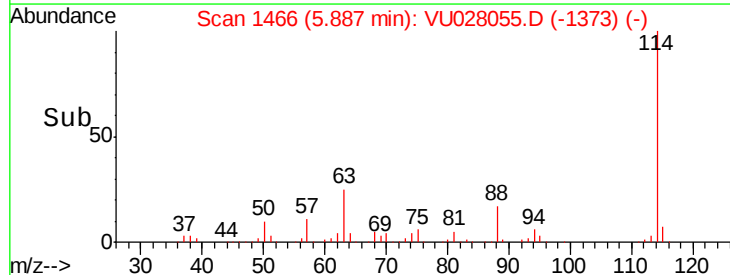
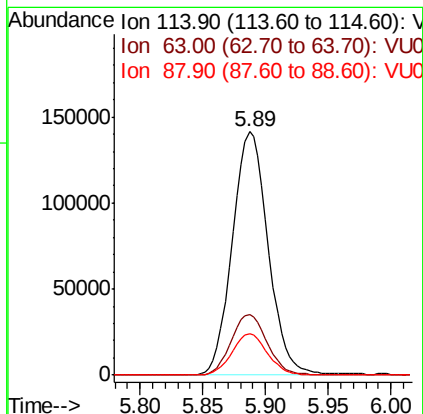
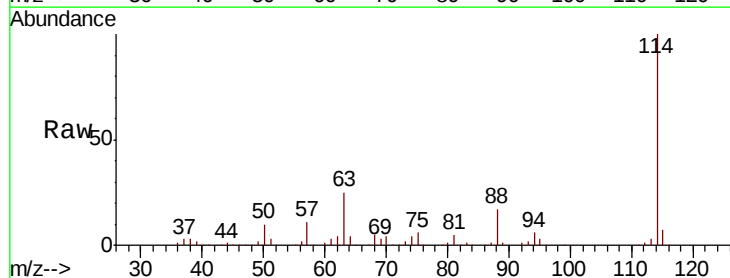
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

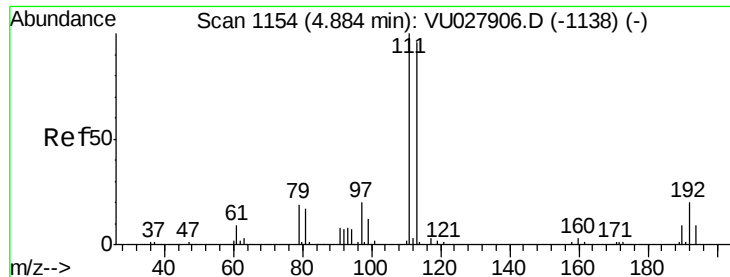
Tot Ion: 65 Resp: 131467  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion: 114 Resp: 280970  
 Ion Ratio Lower Upper  
 114 100  
 63 24.9 0.0 50.8  
 88 16.9 0.0 35.8

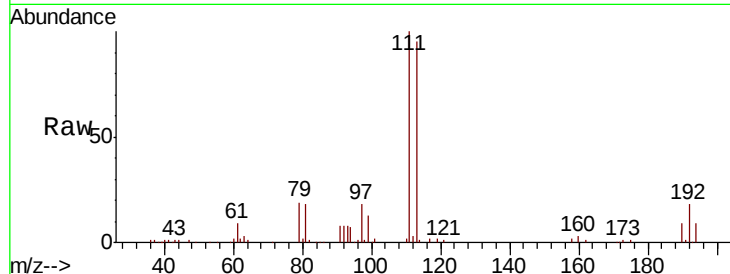




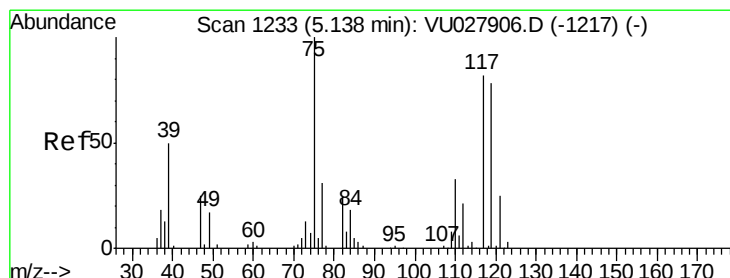
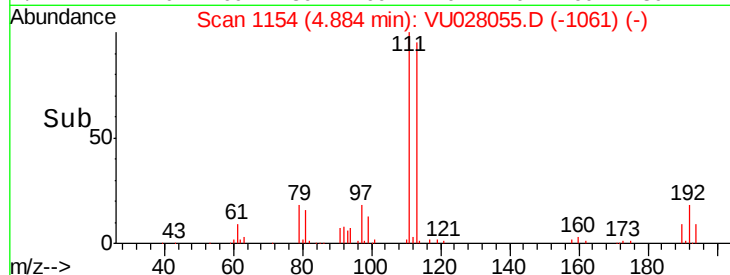
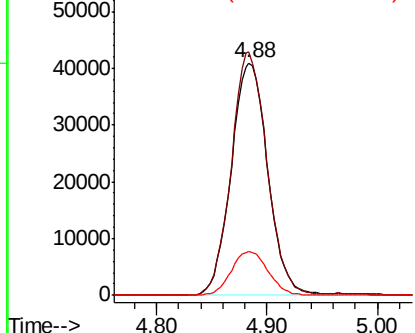
#35  
 Dibromofluoromethane  
 Concen: 53.030 ug/l  
 RT: 4.88 min Scan# 1154  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 83.0  | 124.6 |
| 192     | 19.0  | 15.6  | 23.4  |

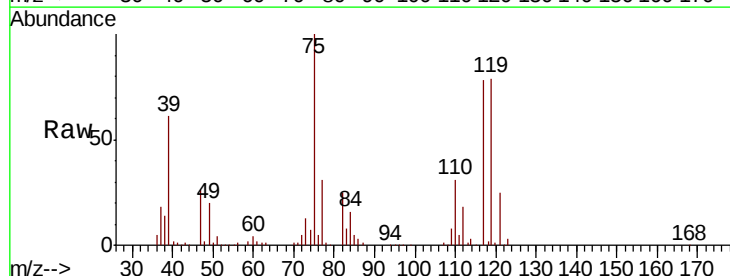


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

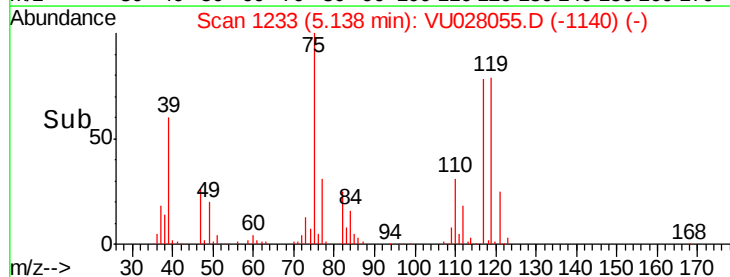
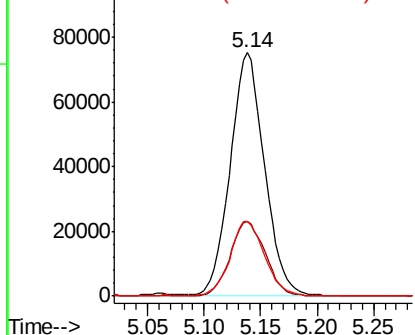


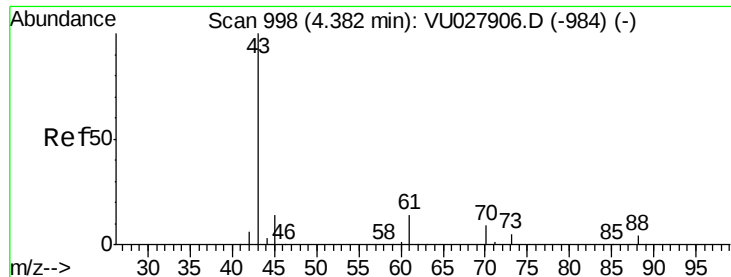
#36  
 1,1-Dichloropropene  
 Concen: 53.446 ug/l  
 RT: 5.14 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 31.8  | 16.5  | 49.5  |
| 77      | 30.9  | 24.9  | 37.3  |



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

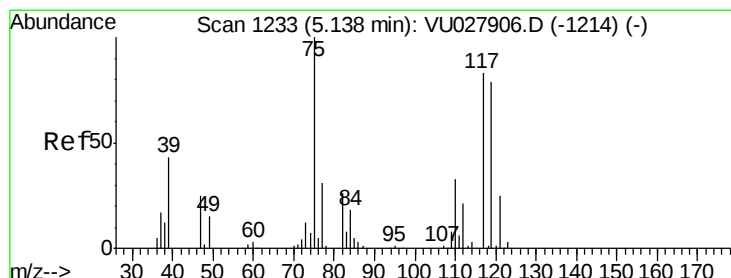
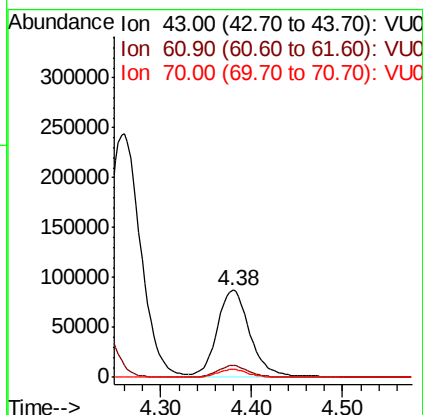
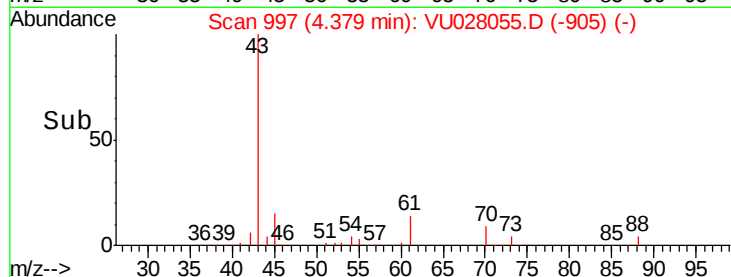
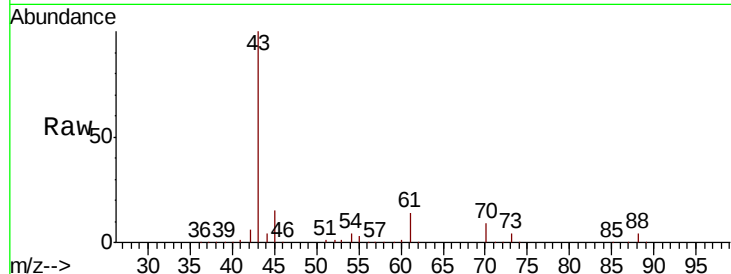




#37  
Ethyl Acetate  
Concen: 50.271 ug/l  
RT: 4.38 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

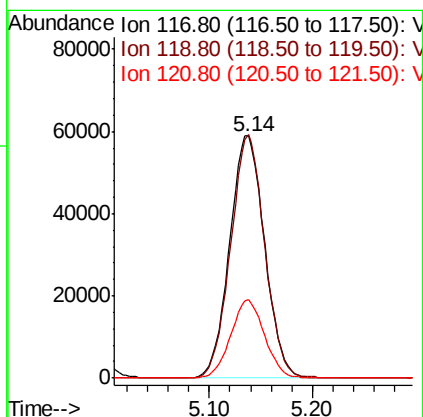
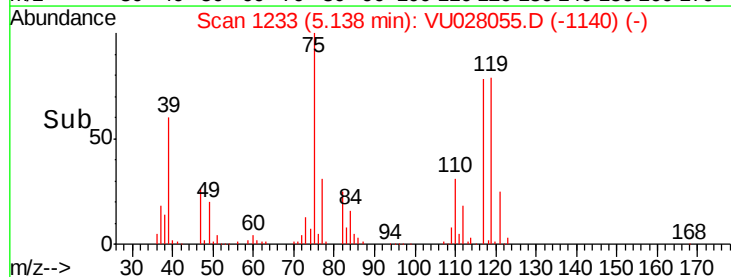
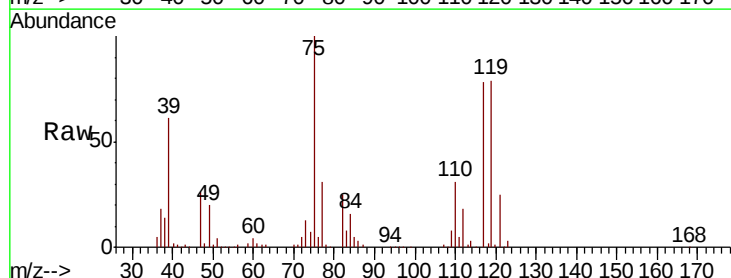
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

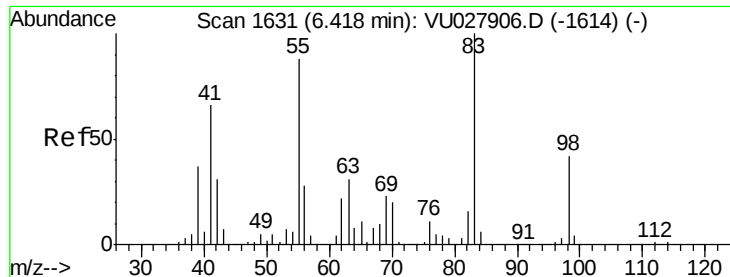
Tot Ion: 43 Resp: 216755  
Ion Ratio Lower Upper  
43 100  
61 12.5 10.3 15.5  
70 8.7 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 53.357 ug/l  
RT: 5.14 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 117 Resp: 139147  
Ion Ratio Lower Upper  
117 100  
119 100.5 76.0 114.0  
121 32.3 24.5 36.7

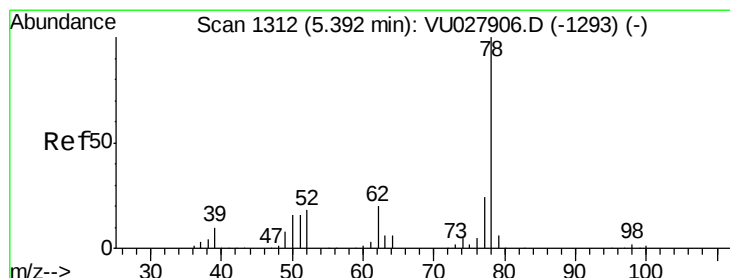
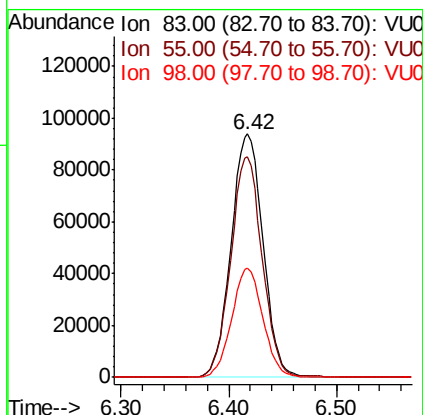
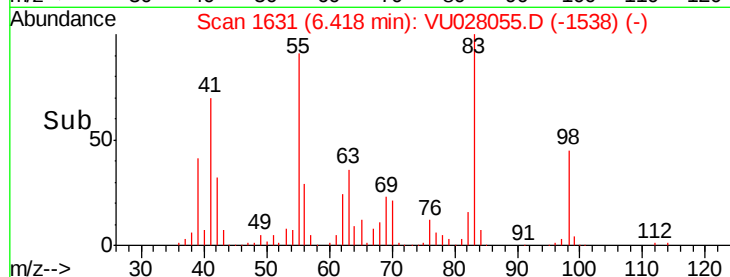
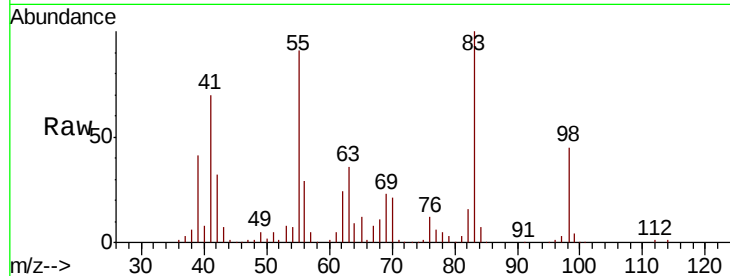




#39  
Methvlcvclohexane  
Concen: 54.676 ug/l  
RT: 6.42 min Scan# 1631  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

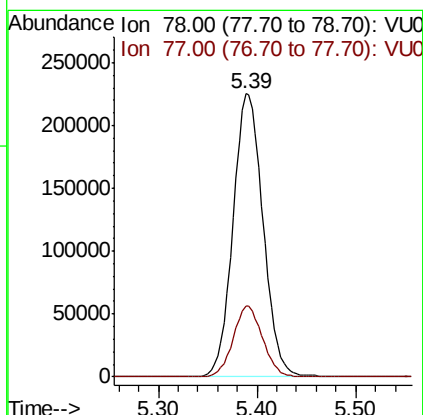
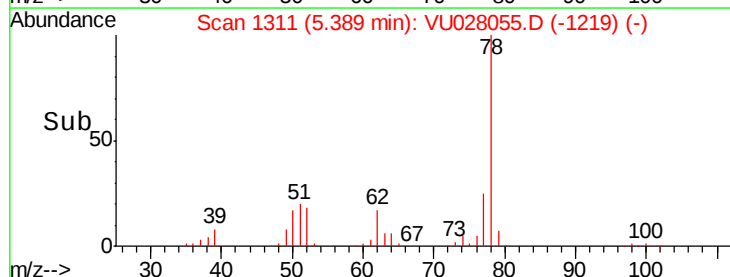
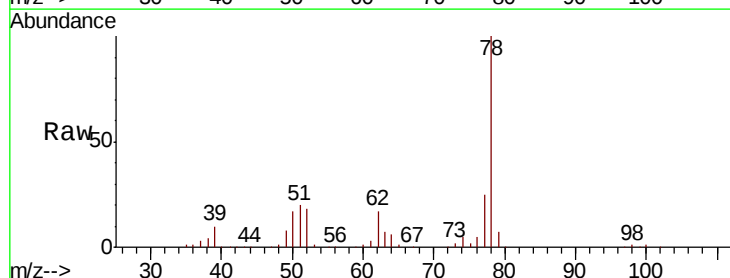
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

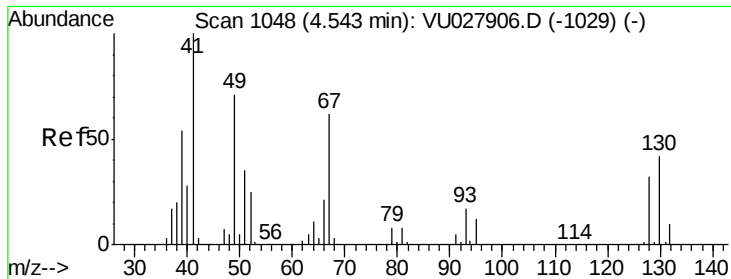
Tot Ion: 83 Resp: 194058  
Ion Ratio Lower Upper  
83 100  
55 90.8 70.3 105.5  
98 45.1 34.0 51.0



#40  
Benzene  
Concen: 53.041 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 78 Resp: 477210  
Ion Ratio Lower Upper  
78 100  
77 25.1 19.3 28.9

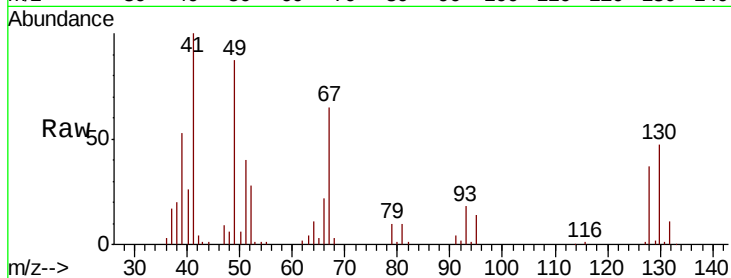




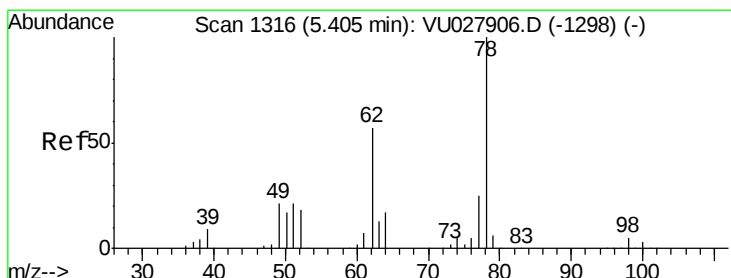
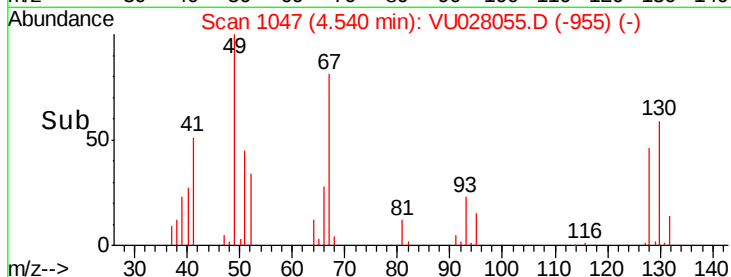
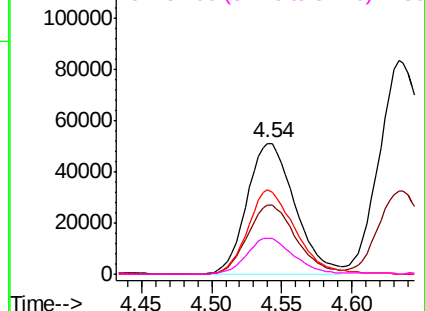
#41  
Methacrylonitrile  
Concen: 52.760 ug/l  
RT: 4.54 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 121403 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.9  | 42.2  | 63.4   |
| 67       | 63.9  | 49.5  | 74.3   |
| 52       | 27.6  | 20.5  | 30.7   |

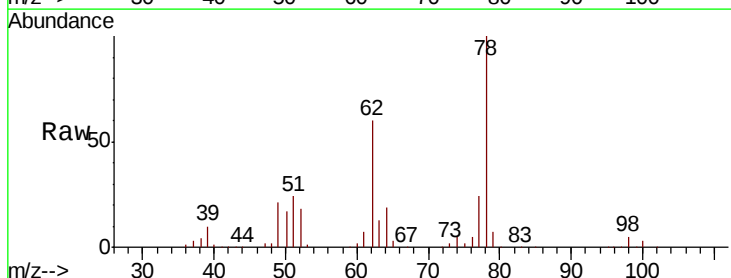


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

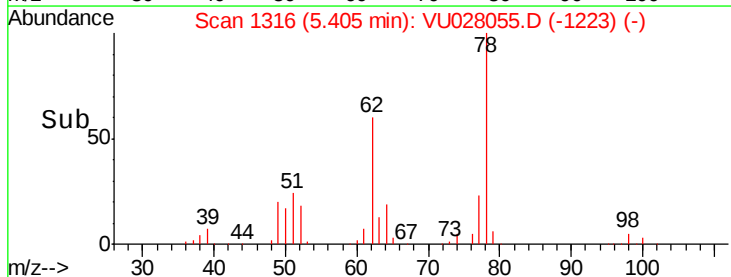
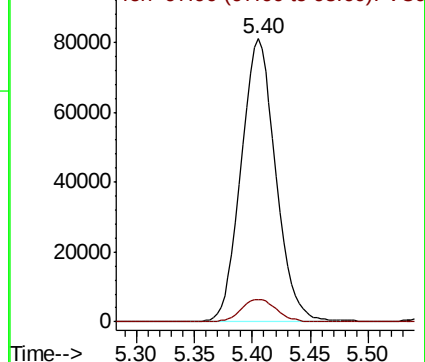


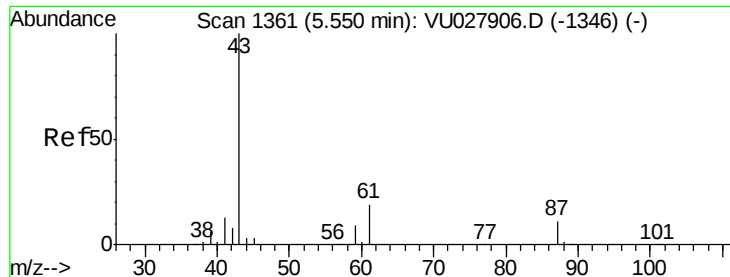
#42  
1,2-Dichloroethane  
Concen: 52.662 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 168412 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.2   | 0.0   | 17.2   |



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





#43

Isopropyl Acetate

Concen: 52.050 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

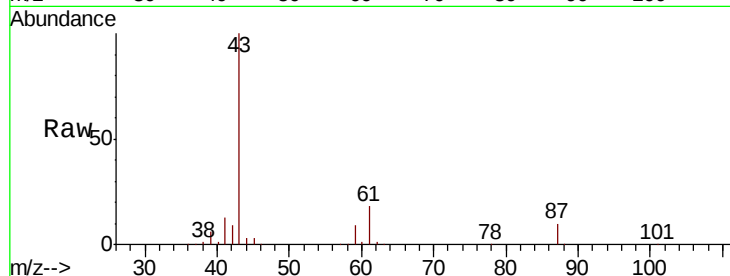
Tot Ion: 43 Resp: 351607

Ion Ratio Lower Upper

43 100

61 18.2 15.0 22.4

87 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)

5.55

200000

150000

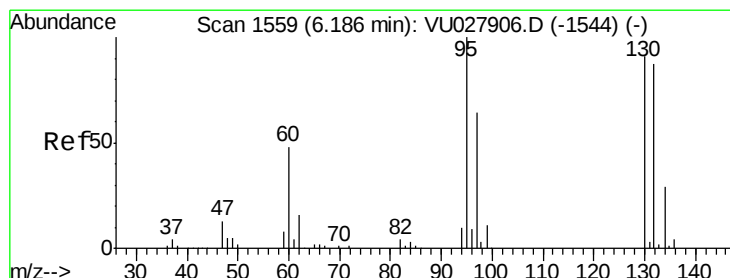
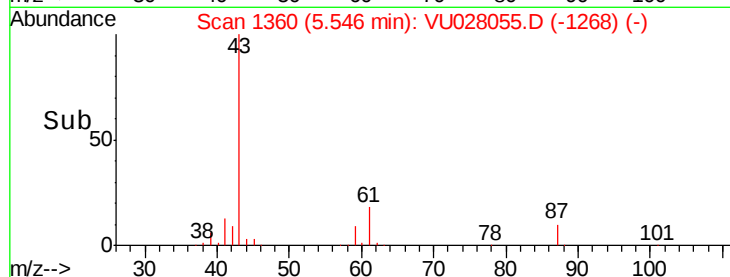
100000

50000

0

5.40 5.50 5.60 5.70

Time-->



#44

Trichloroethene

Concen: 53.823 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028055.D

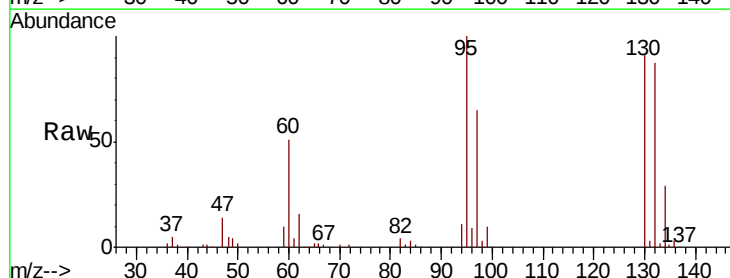
Acq: 12 Nov 2018 11:01

Tgt Ion:130 Resp: 104089

Ion Ratio Lower Upper

130 100

95 110.3 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)

6.19

60000

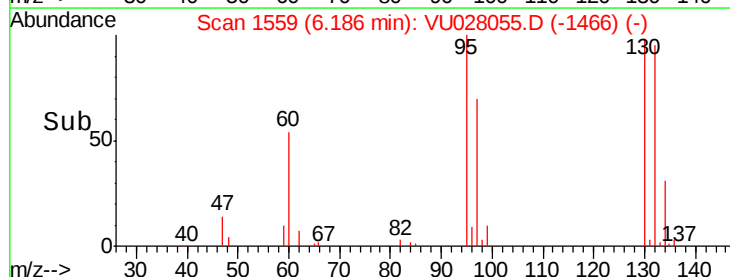
40000

20000

0

6.10 6.15 6.20 6.25 6.30

Time-->





#45

1,2-Dichloropropane

Concen: 54.980 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

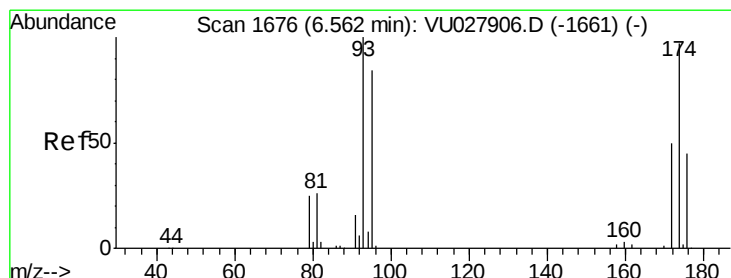
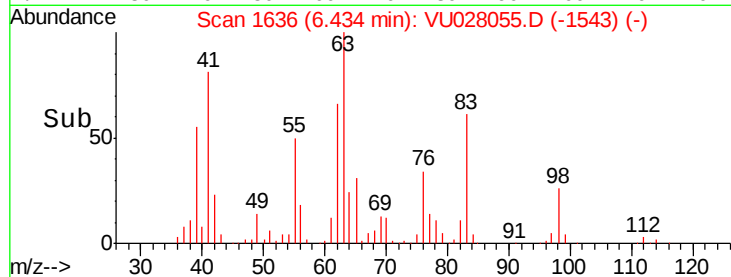
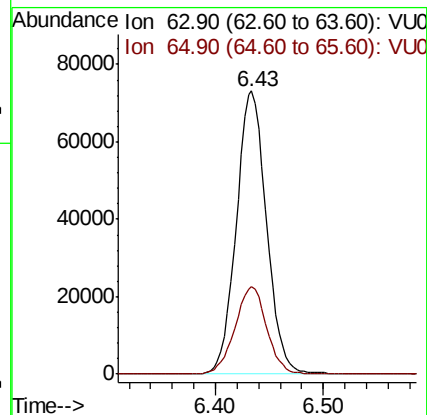
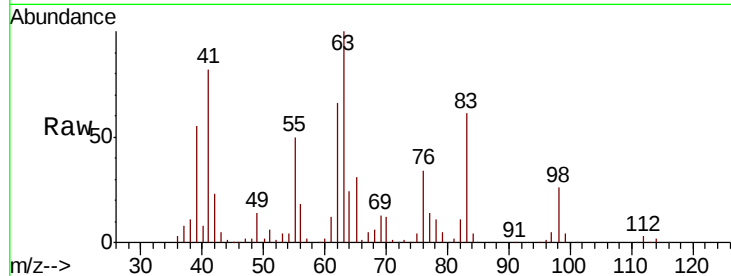
VSTDCCC050

Tot Ion: 63 Resp: 142656

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 53.655 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

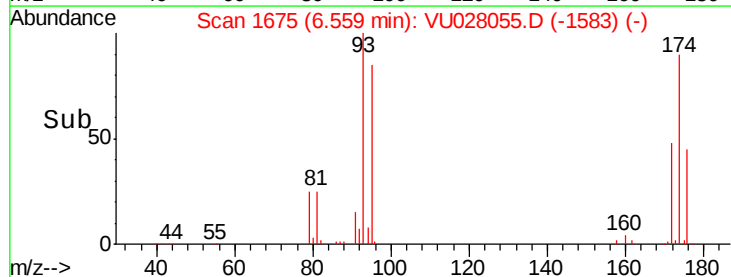
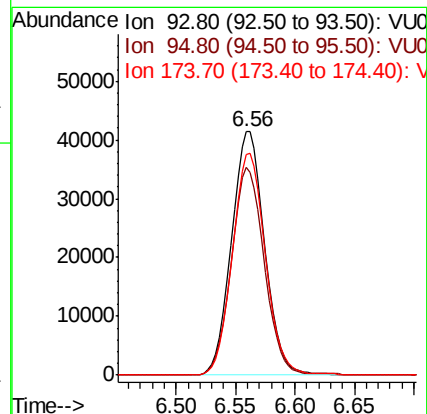
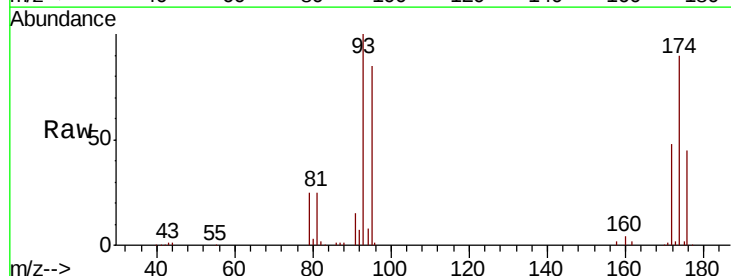
Tgt Ion: 93 Resp: 80022

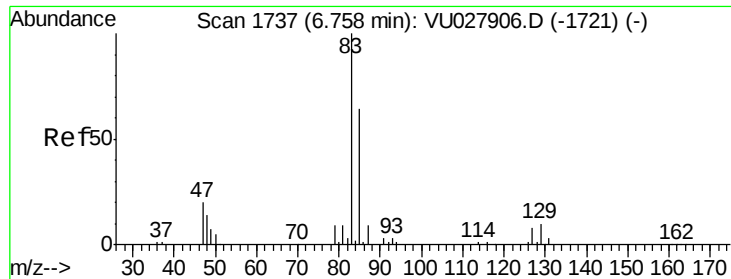
Ion Ratio Lower Upper

93 100

95 84.3 68.5 102.7

174 90.3 76.1 114.1





#47

Bromodichloromethane

Concen: 56.152 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

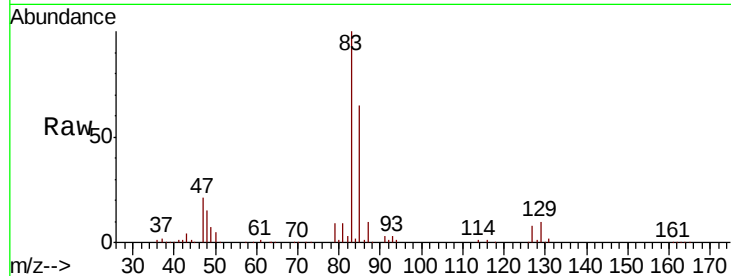
Tot Ion: 83 Resp: 161389

Ion Ratio Lower Upper

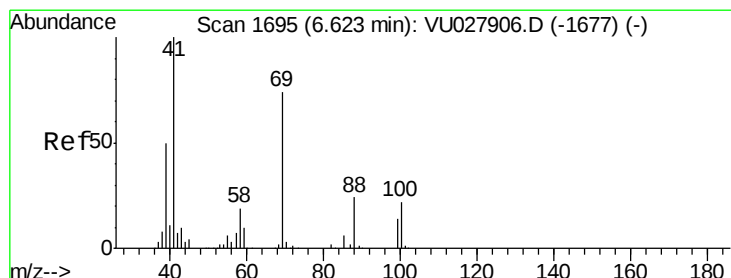
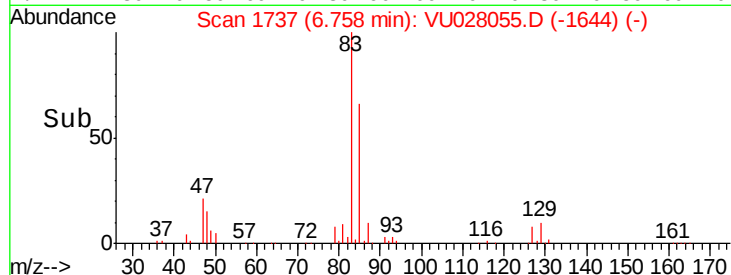
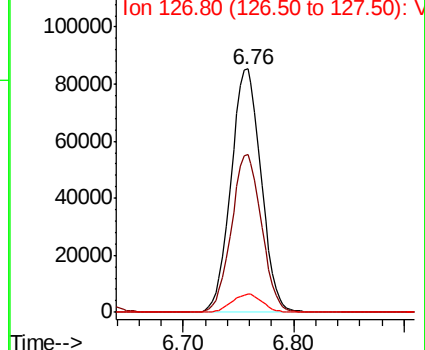
83 100

85 64.6 51.0 76.6

127 7.5 6.2 9.4



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



#48

Methyl methacrylate

Concen: 53.123 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

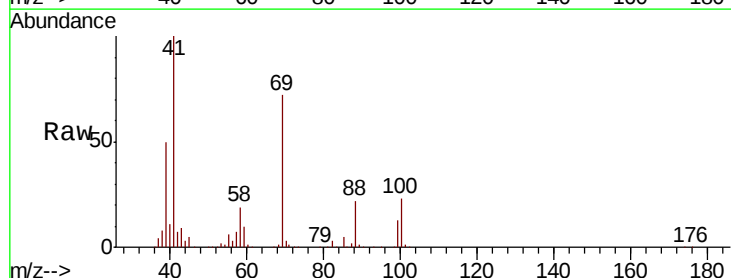
Tgt Ion: 41 Resp: 175855

Ion Ratio Lower Upper

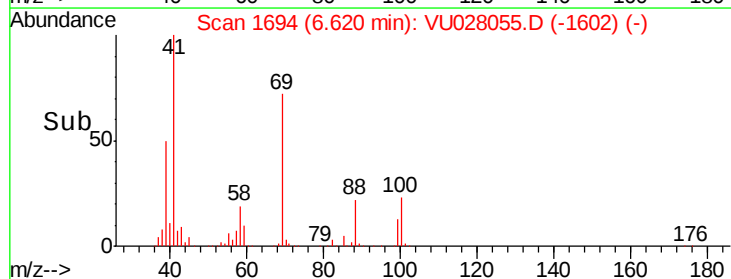
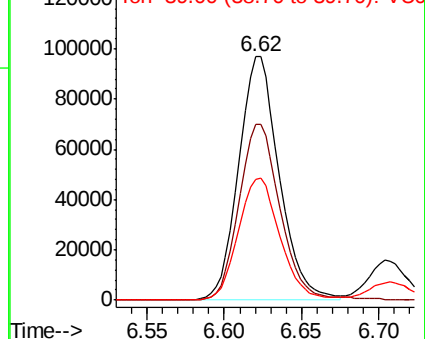
41 100

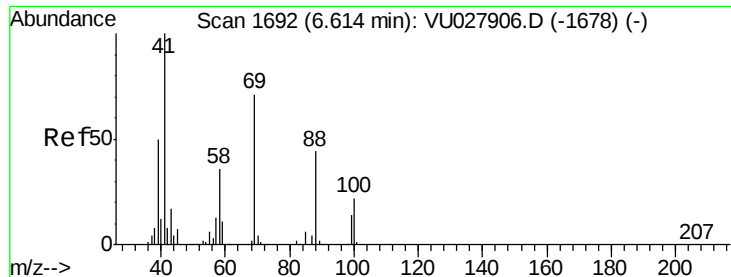
69 73.8 59.8 89.8

39 51.5 40.0 60.0



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

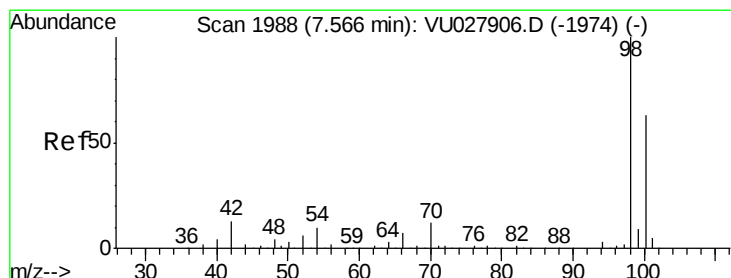
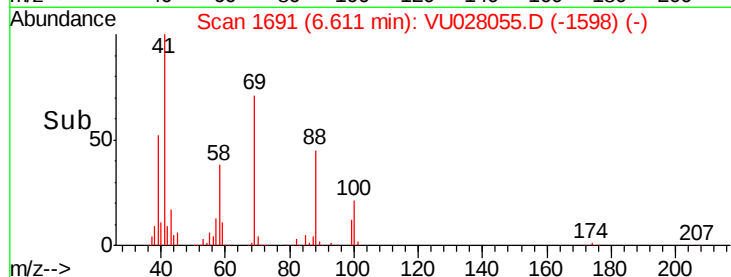
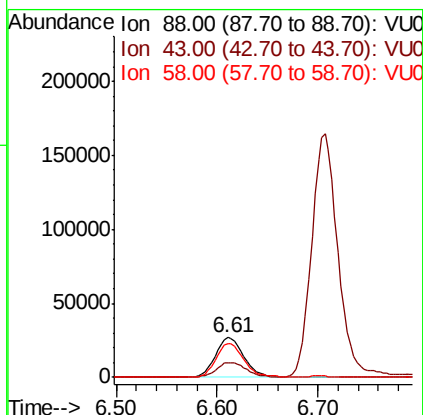
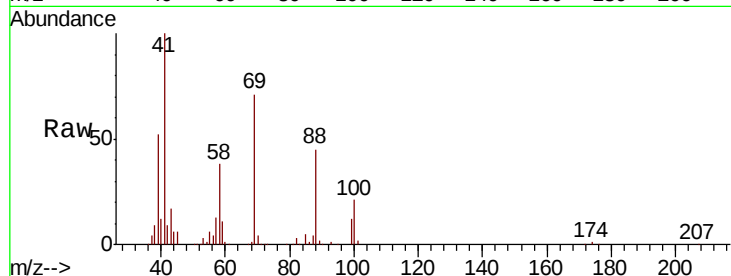




#49  
1,4-Dioxane  
Concen: 974.689 ug/l  
RT: 6.61 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

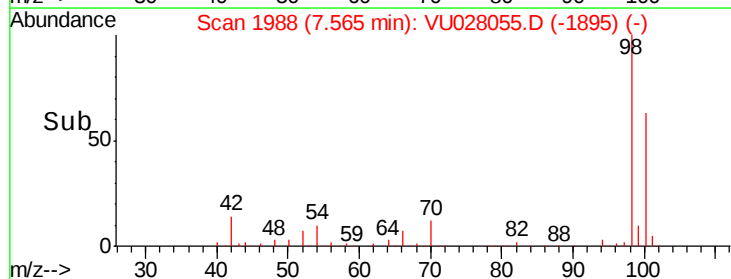
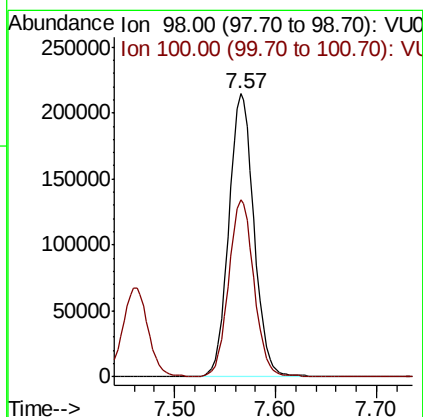
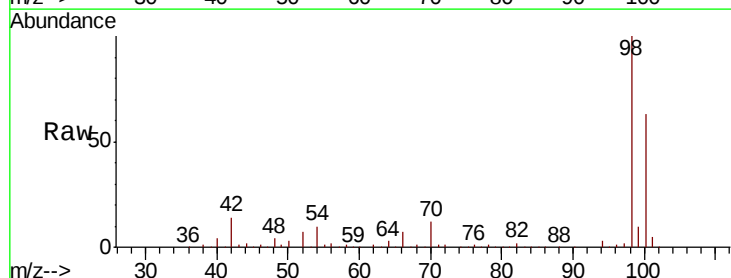
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

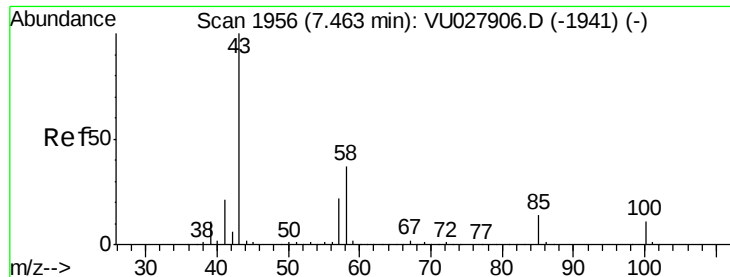
Tot Ion: 88 Resp: 52641  
Ion Ratio Lower Upper  
88 100  
43 38.2 30.5 45.7  
58 85.1 67.1 100.7



#50  
Toluene-d8  
Concen: 54.582 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 98 Resp: 373528  
Ion Ratio Lower Upper  
98 100  
100 62.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 249.540 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

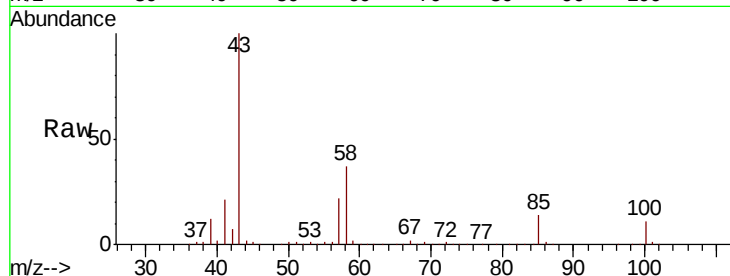
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1125756

Ion Ratio Lower Upper

43 100

58 36.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.46

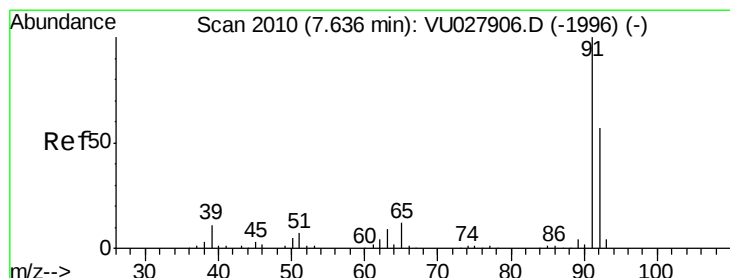
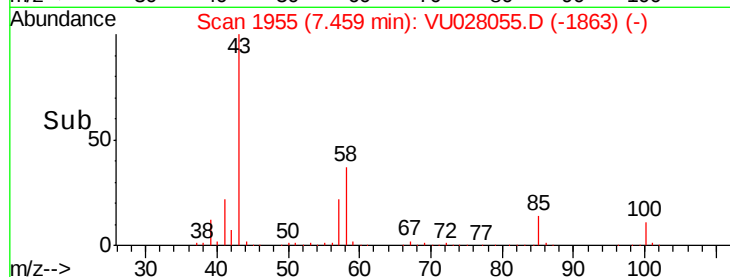
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.841 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028055.D

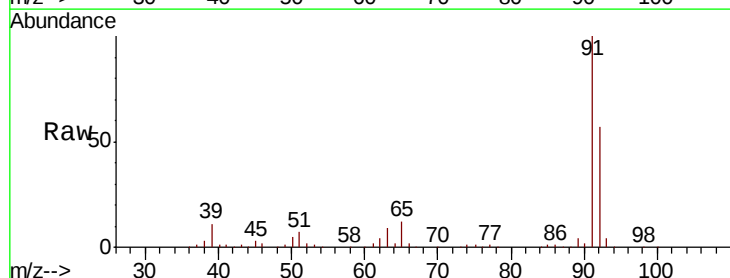
Acq: 12 Nov 2018 11:01

Tgt Ion: 92 Resp: 284780

Ion Ratio Lower Upper

92 100

91 177.8 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

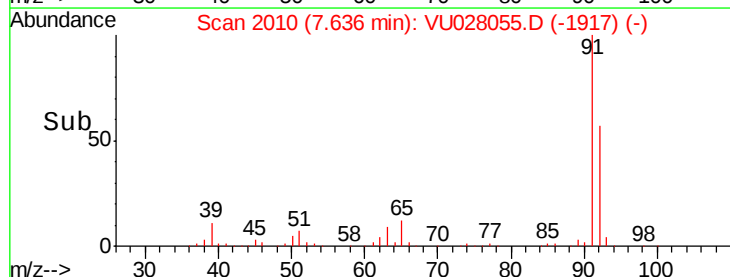
300000

200000

100000

0

Time-->

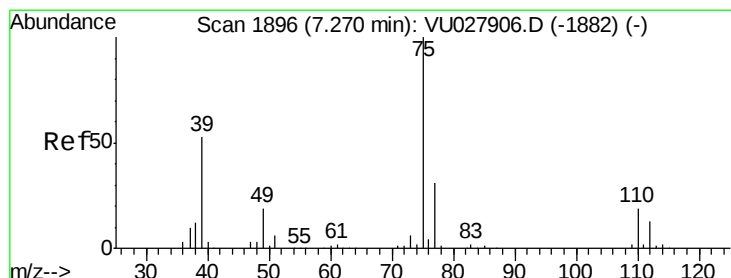
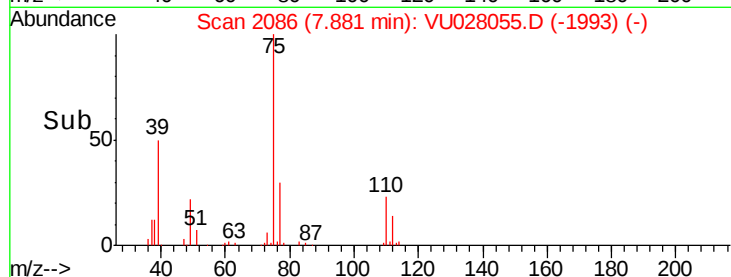
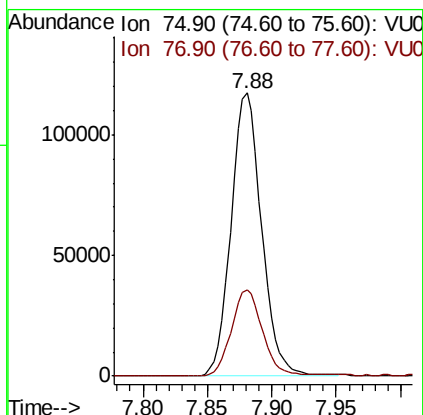
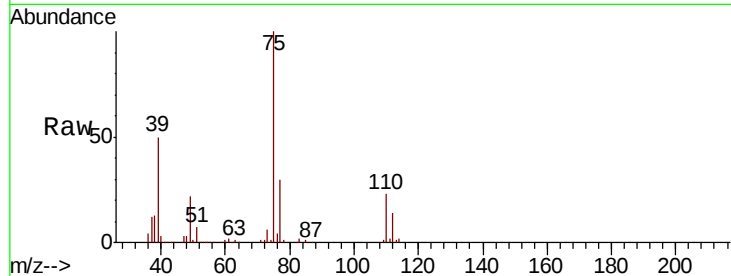




#53  
t-1,3-Dichloropropene  
Concen: 54.013 ug/l  
RT: 7.88 min Scan# 2086  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

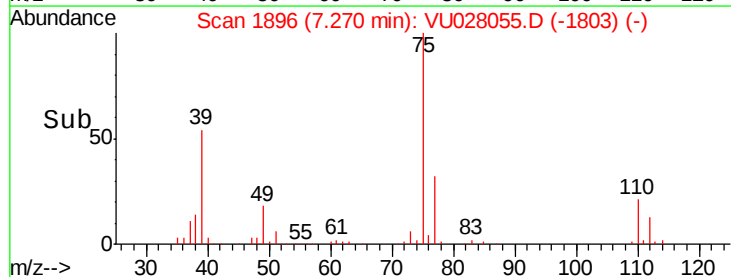
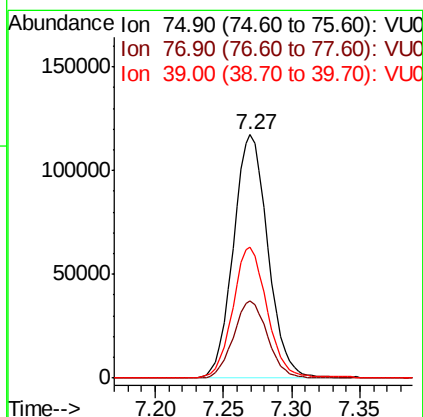
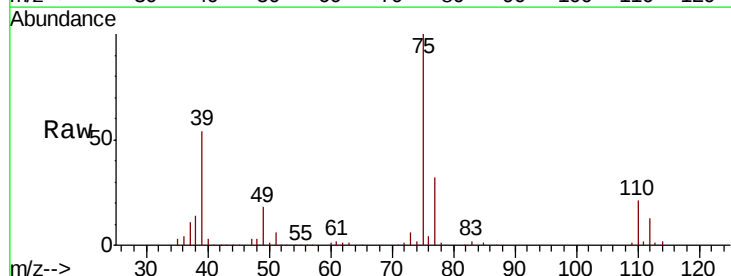
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

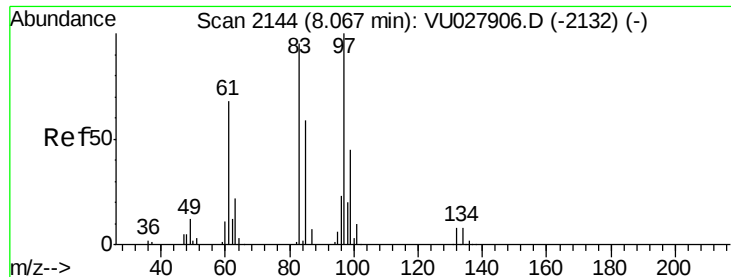
Tot Ion: 75 Resp: 192841  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 58.101 ug/l  
RT: 7.27 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 75 Resp: 205862  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 37.0  
39 53.6 42.6 64.0

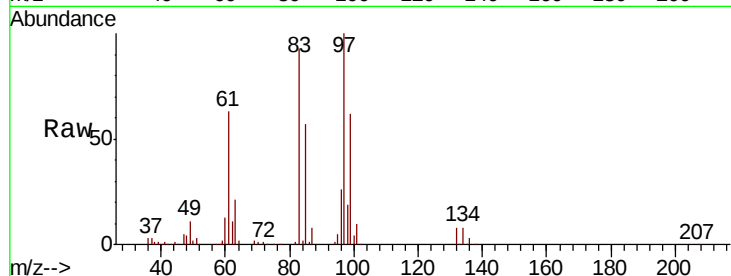




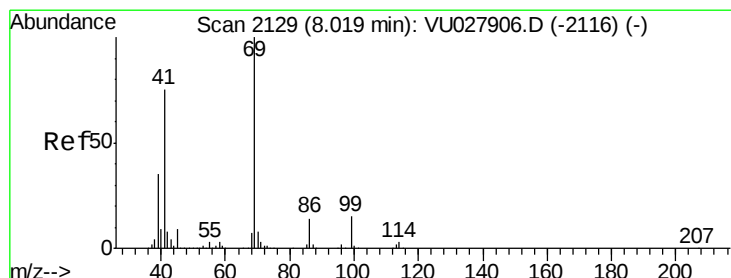
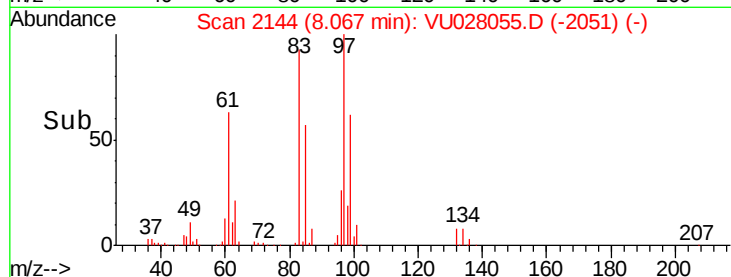
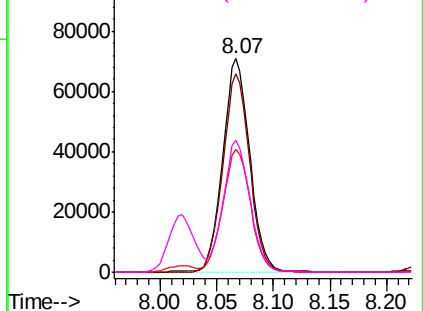
#55  
 1,1,2-Trichloroethane  
 Concen: 54.460 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 97 Resp: 117192  
 Ion Ratio Lower Upper  
 97 100  
 83 92.9 76.1 114.1  
 85 57.3 48.9 73.3  
 99 62.1 52.0 78.0

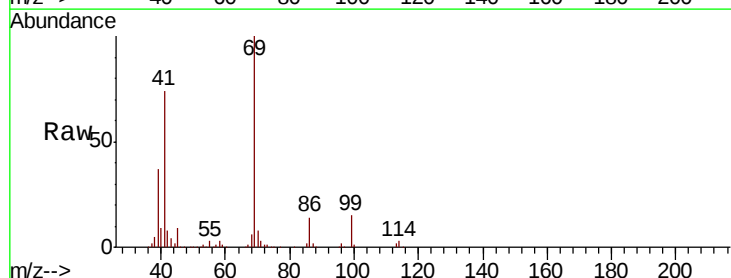


Abundance Ion 96.90 (96.60 to 97.60): VU0  
 Ion 82.90 (82.60 to 83.60): VU0  
 Ion 84.90 (84.60 to 85.60): VU0  
 Ion 98.90 (98.60 to 99.60): VU0

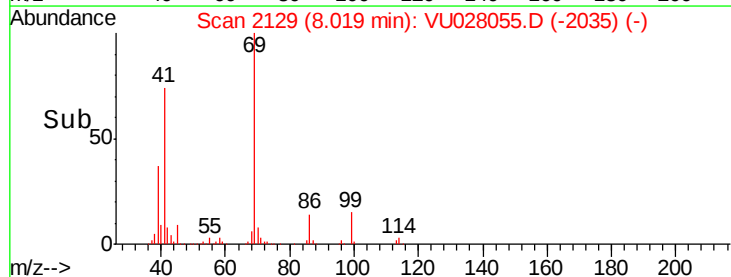
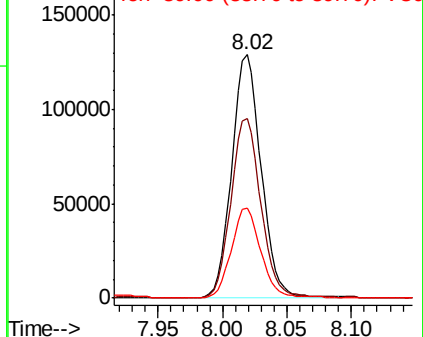


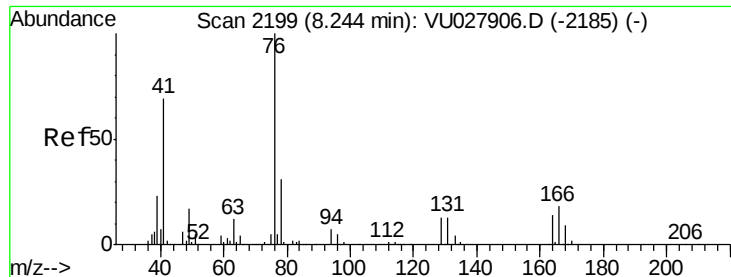
#56  
 Ethyl methacrylate  
 Concen: 53.986 ug/l  
 RT: 8.02 min Scan# 2129  
 Delta R.T. 0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion: 69 Resp: 204870  
 Ion Ratio Lower Upper  
 69 100  
 41 74.8 59.8 89.6  
 39 36.6 28.6 42.8



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

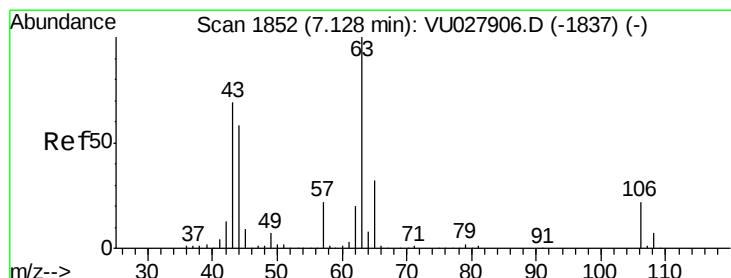
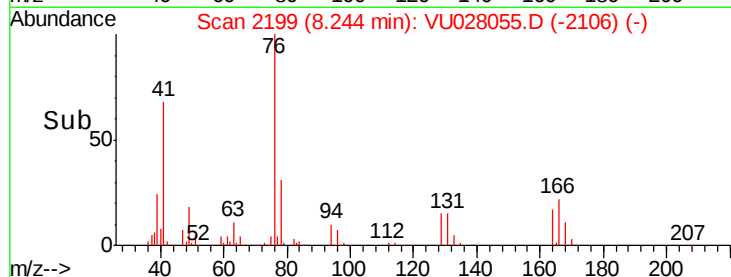
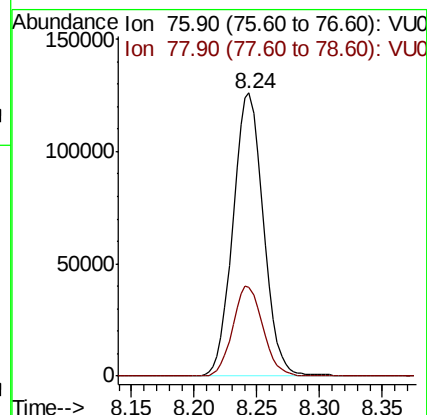
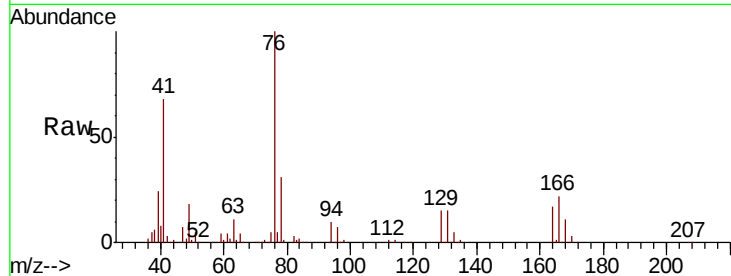




#57  
 1,3-Dichloropropane  
 Concen: 54.263 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

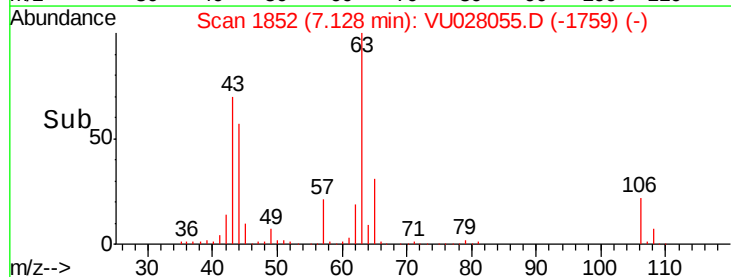
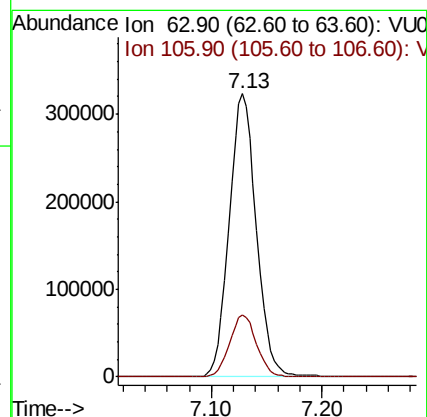
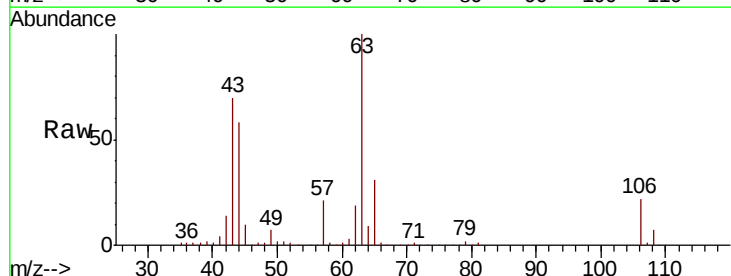
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 212706  
 Ion Ratio Lower Upper  
 76 100  
 78 31.5 25.3 37.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 271.115 ug/l  
 RT: 7.13 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion: 63 Resp: 551023  
 Ion Ratio Lower Upper  
 63 100  
 106 21.8 17.8 26.6

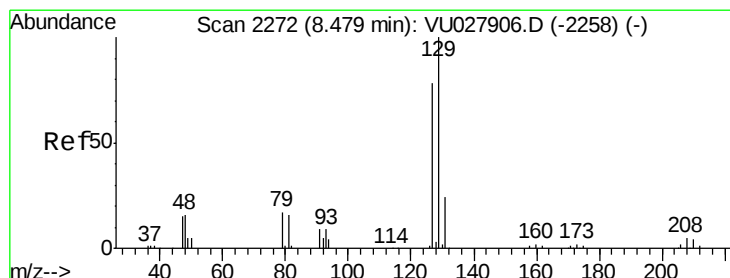
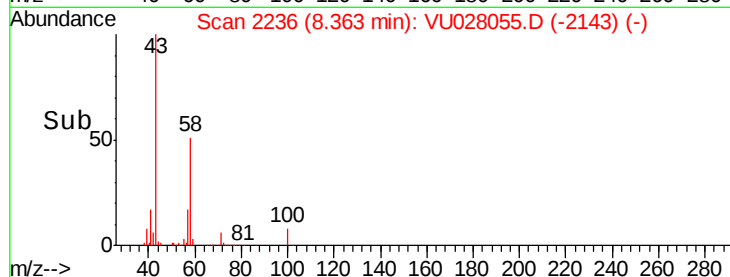
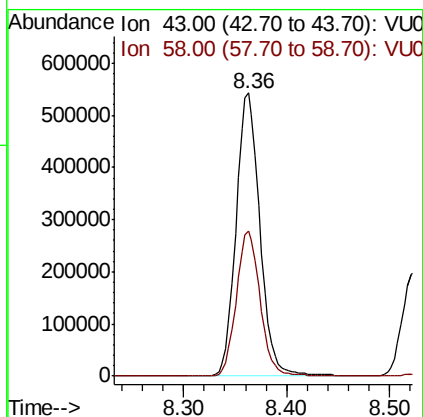
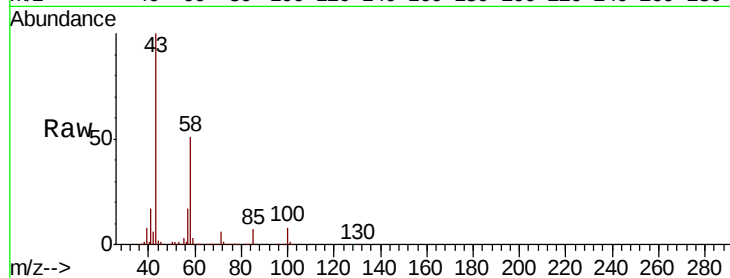




#59  
2-Hexanone  
Concen: 251.046 ug/l  
RT: 8.36 min Scan# 2236  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

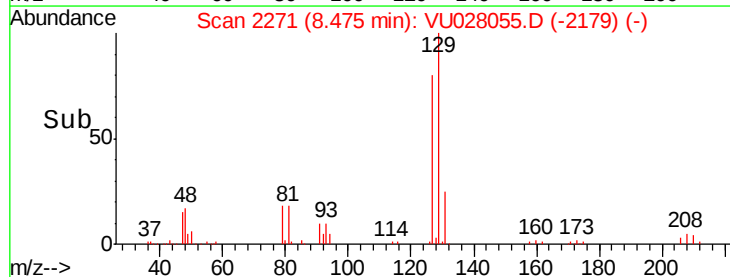
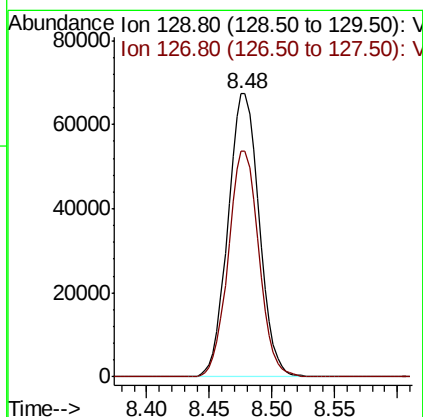
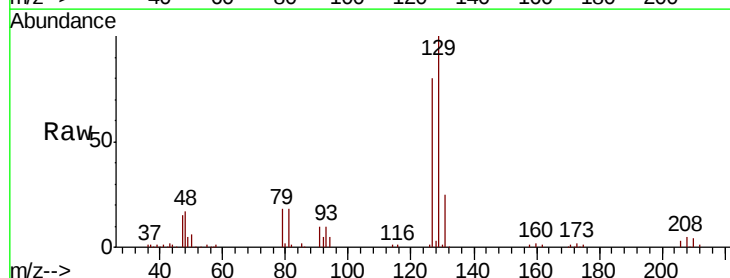
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

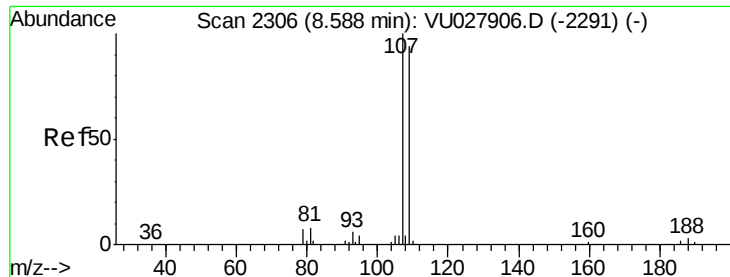
Tot Ion: 43 Resp: 875950  
Ion Ratio Lower Upper  
43 100  
58 51.2 25.8 77.3



#60  
Dibromochloromethane  
Concen: 57.157 ug/l  
RT: 8.48 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 129 Resp: 116388  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.538 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

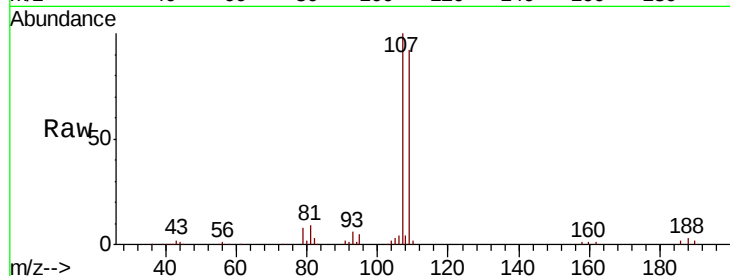
VSTDCCC050

Tot Ion: 107 Resp: 124703

Ion Ratio Lower Upper

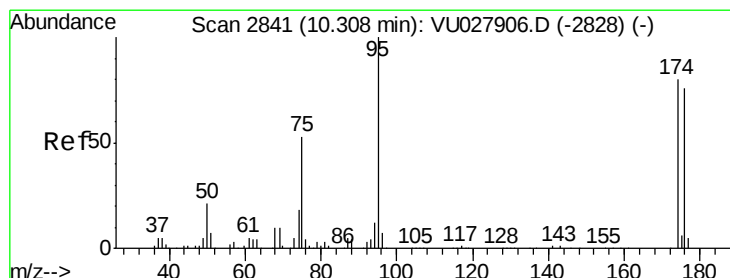
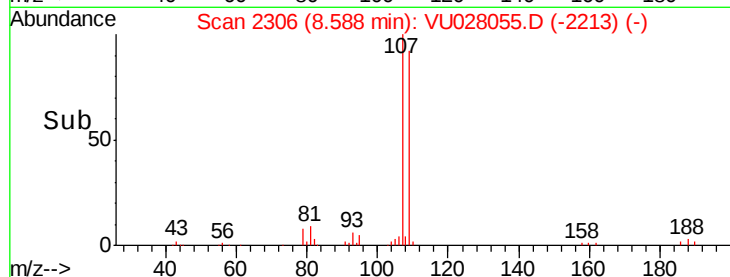
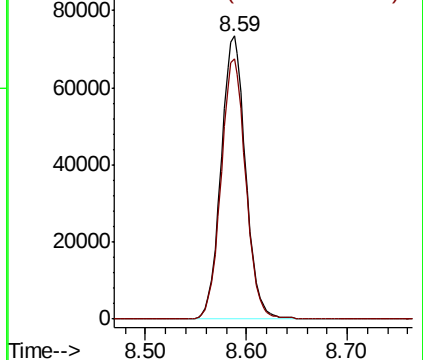
107 100

109 92.6 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.870 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

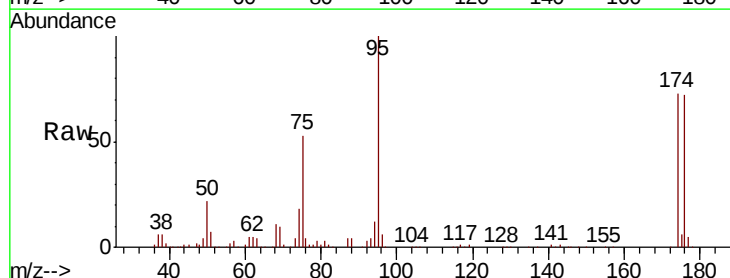
Tgt Ion: 95 Resp: 141025

Ion Ratio Lower Upper

95 100

174 74.8 0.0 156.4

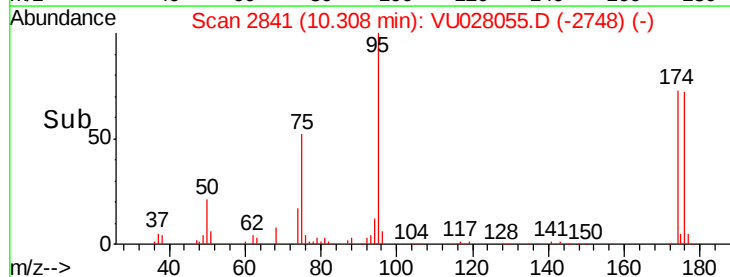
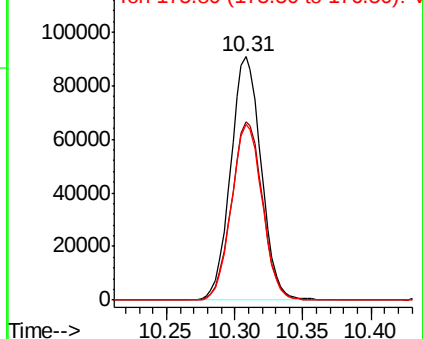
176 72.5 0.0 150.8

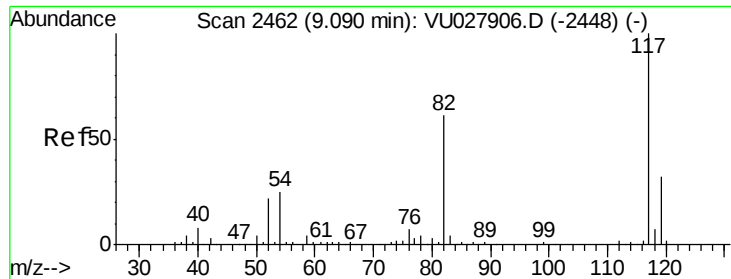


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

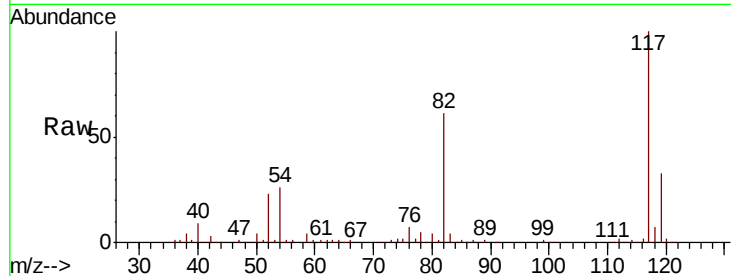




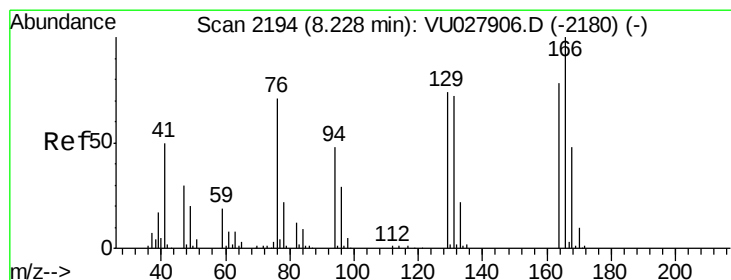
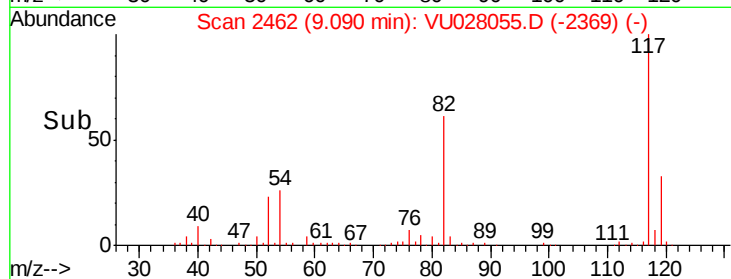
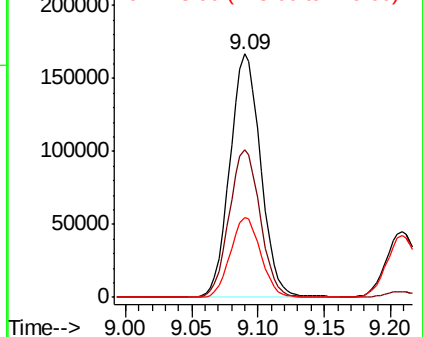
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 269196  
Ion Ratio Lower Upper  
117 100  
82 60.9 48.6 73.0  
119 32.9 25.8 38.8



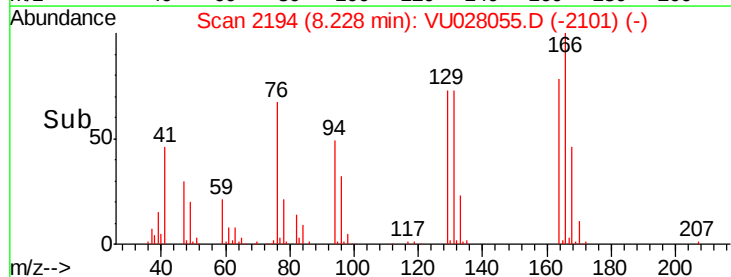
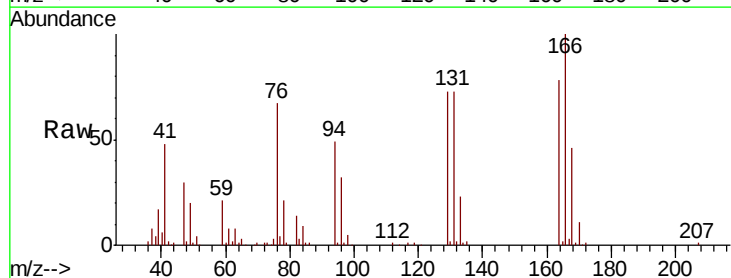
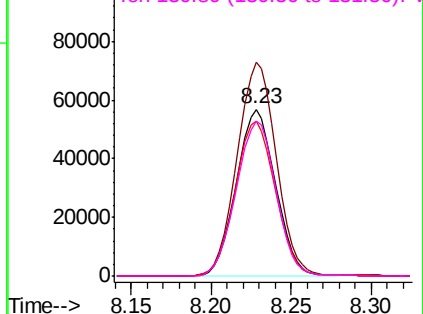
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

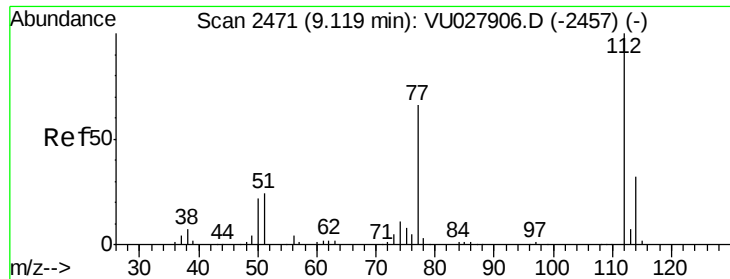


#64  
Tetrachloroethene  
Concen: 54.405 ug/l  
RT: 8.23 min Scan# 2194  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion:164 Resp: 94966  
Ion Ratio Lower Upper  
164 100  
166 128.4 102.1 153.1  
129 93.1 75.9 113.9  
131 93.2 73.0 109.6

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

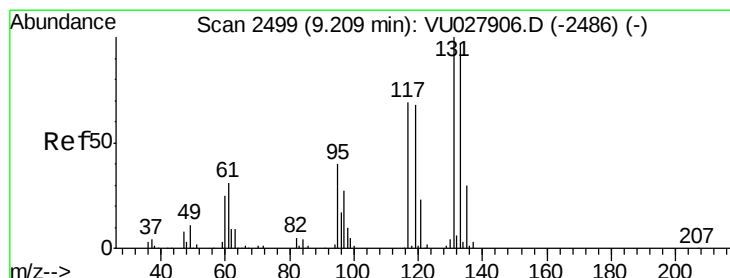
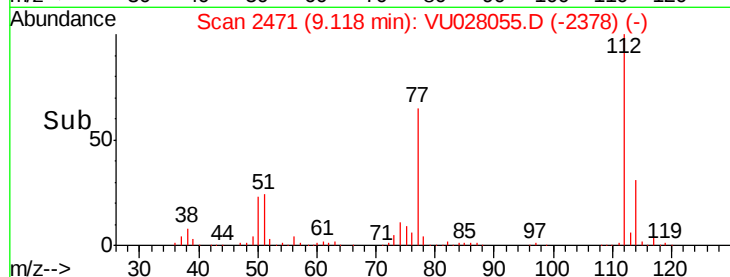
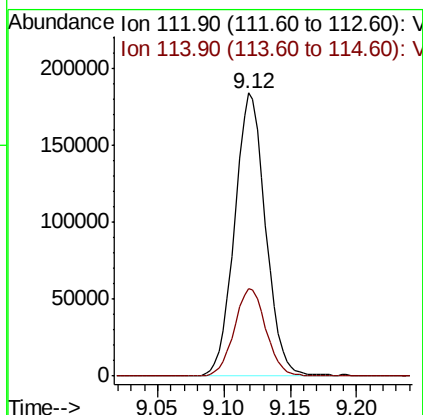
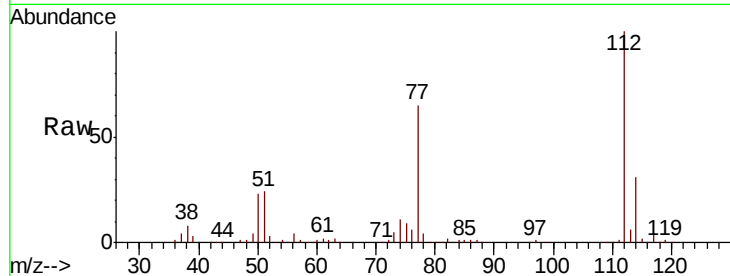




#65  
Chlorobenzene  
Concen: 52.627 ug/l  
RT: 9.12 min Scan# 2471  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

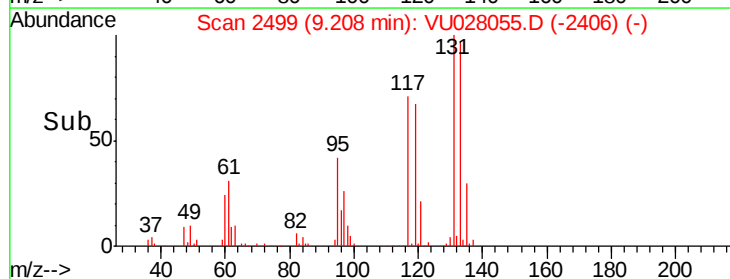
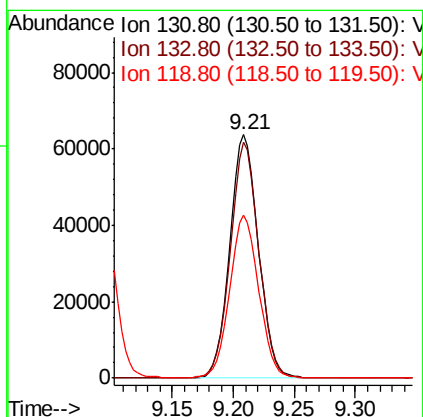
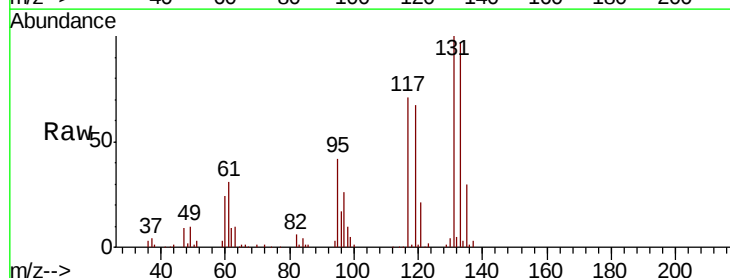
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

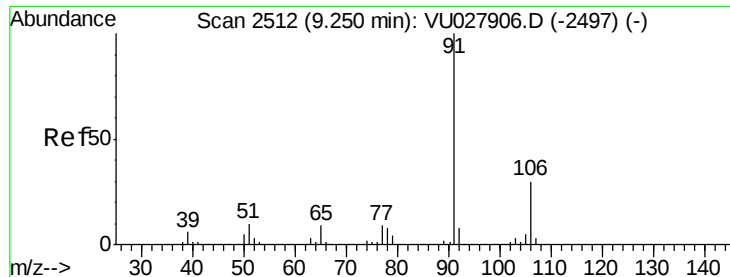
Tot Ion:112 Resp: 299309  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.544 ug/l  
RT: 9.21 min Scan# 2499  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion:131 Resp: 104016  
Ion Ratio Lower Upper  
131 100  
133 96.7 48.1 144.4  
119 68.1 34.0 101.8

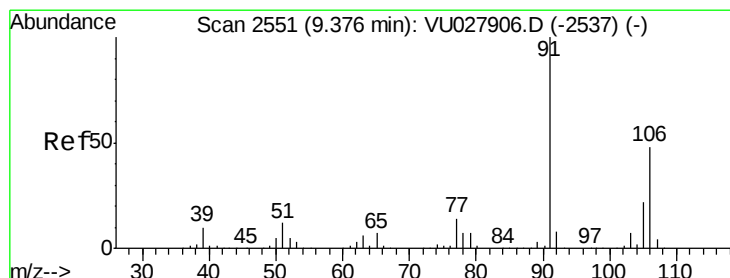
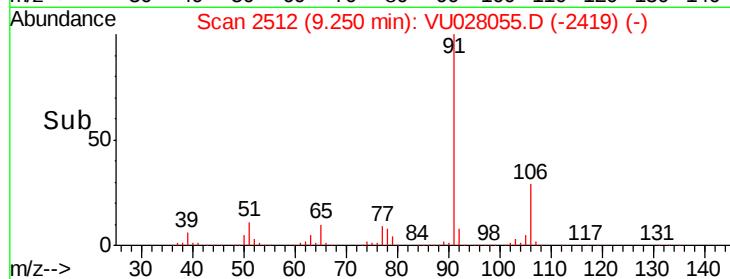
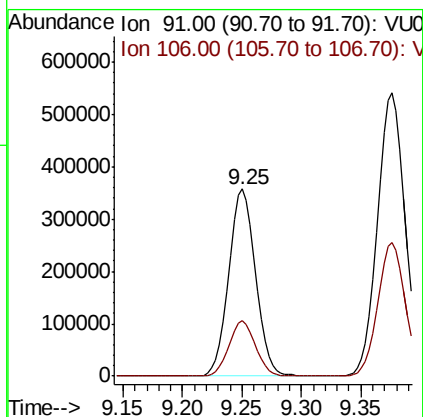
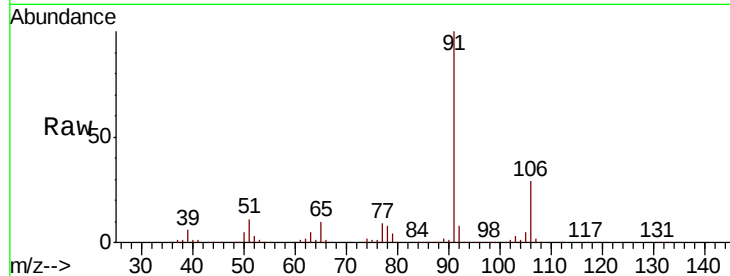




#67  
Ethyl Benzene  
Concen: 53.451 ug/l  
RT: 9.25 min Scan# 2512  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

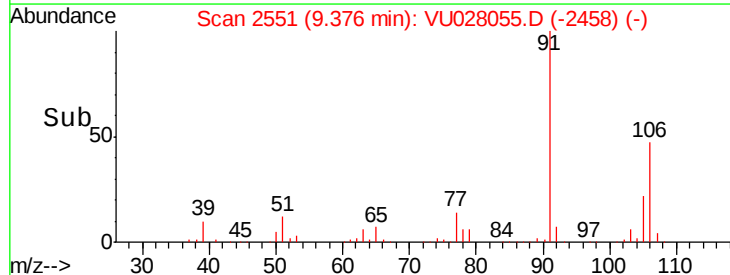
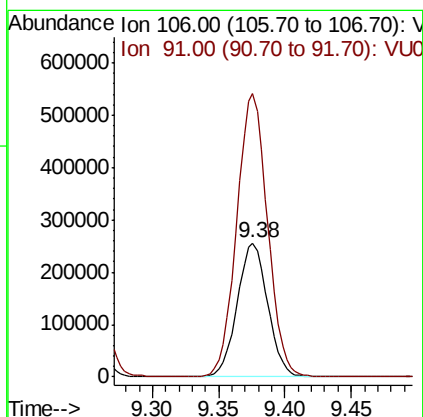
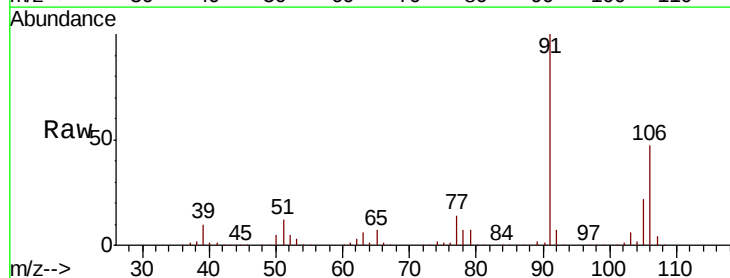
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

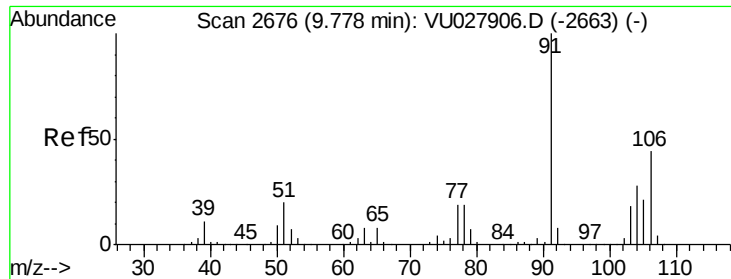
Tot Ion: 91 Resp: 559561  
Ion Ratio Lower Upper  
91 100  
106 29.4 23.6 35.4



#68  
m/p-Xylenes  
Concen: 107.616 ug/l  
RT: 9.38 min Scan# 2551  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 106 Resp: 408773  
Ion Ratio Lower Upper  
106 100  
91 213.9 168.2 252.4

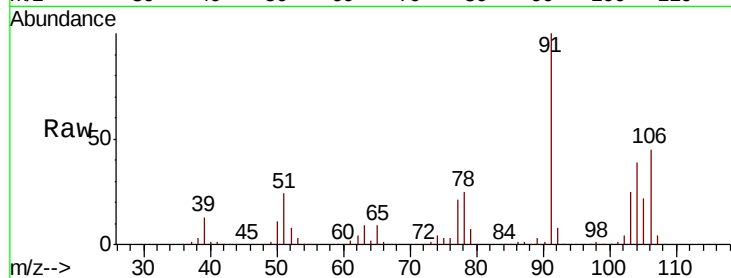




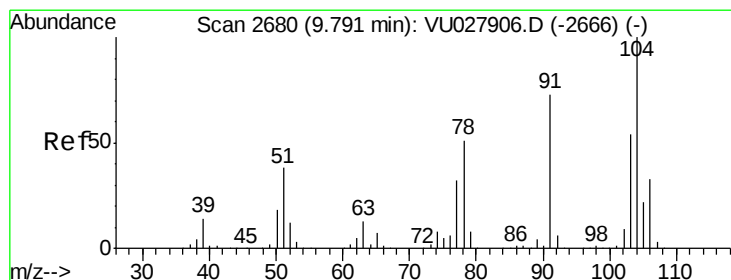
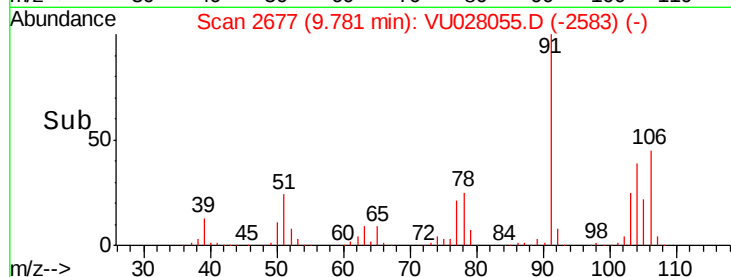
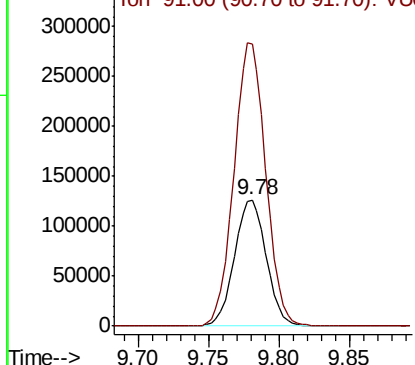
#69  
o-Xylene  
Concen: 52.014 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 199505  
Ion Ratio Lower Upper  
106 100  
91 223.8 111.1 333.4

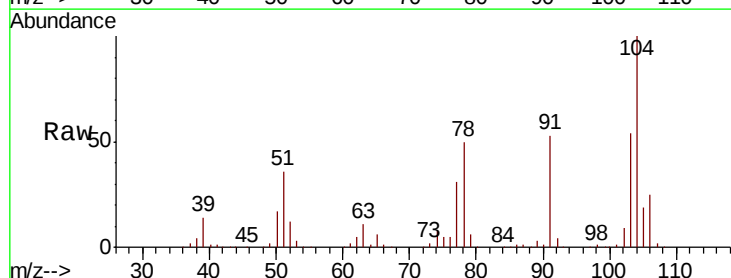


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

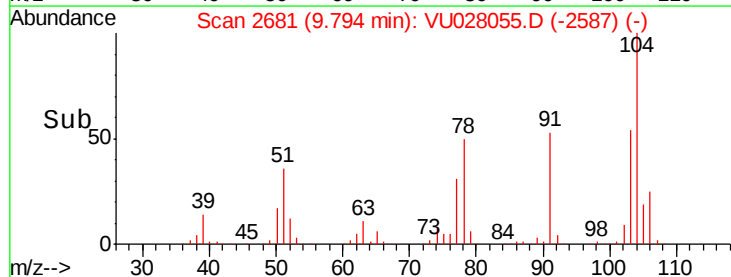
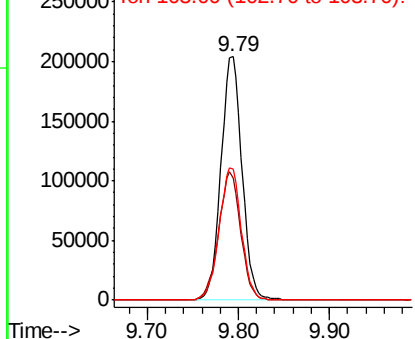


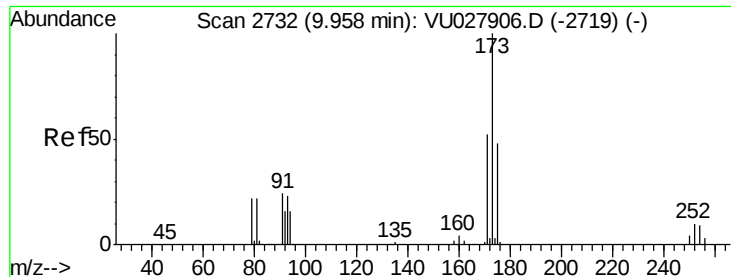
#70  
Styrene  
Concen: 53.614 ug/l  
RT: 9.79 min Scan# 2681  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion:104 Resp: 328579  
Ion Ratio Lower Upper  
104 100  
78 55.0 43.0 64.4  
103 57.1 45.1 67.7



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: 53.772 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

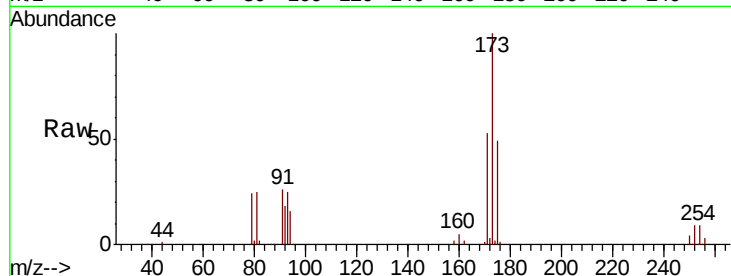
Tot Ion:173 Resp: 87543

Ion Ratio Lower Upper

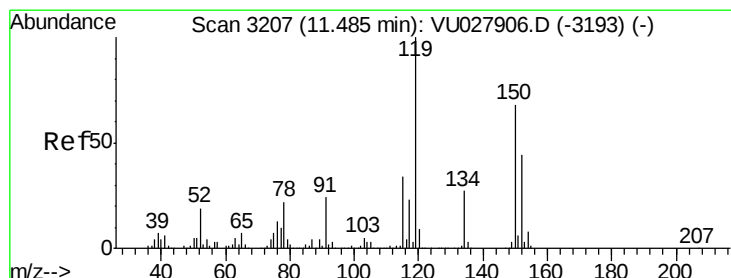
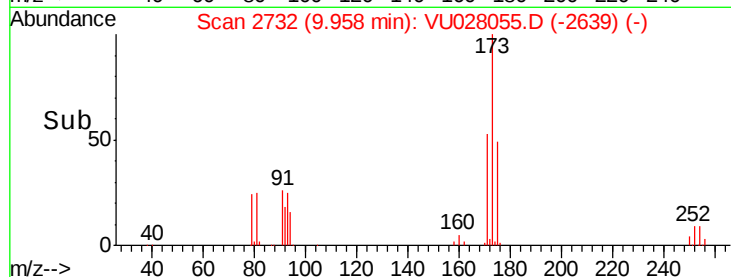
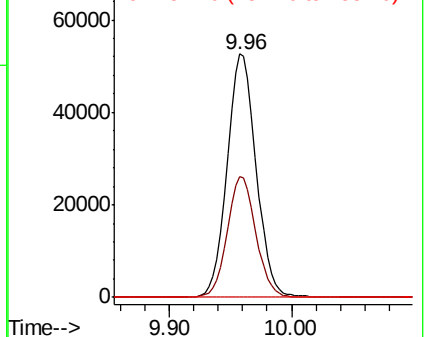
173 100

175 48.7 24.3 72.8

254 0.1 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: VU028055.D

Acq: 12 Nov 2018 11:01

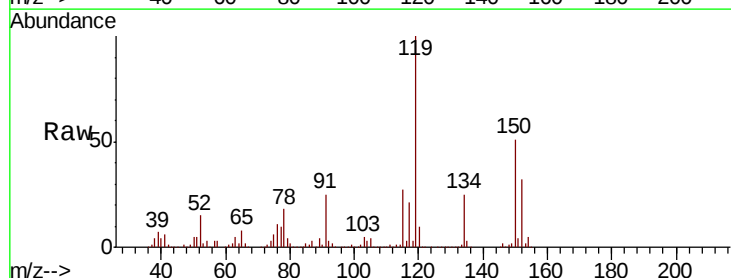
Tgt Ion:152 Resp: 136379

Ion Ratio Lower Upper

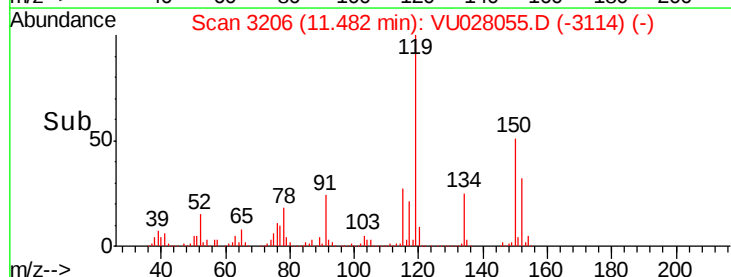
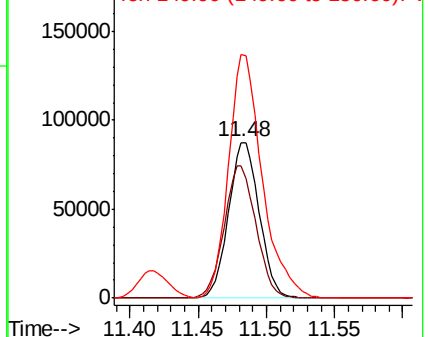
152 100

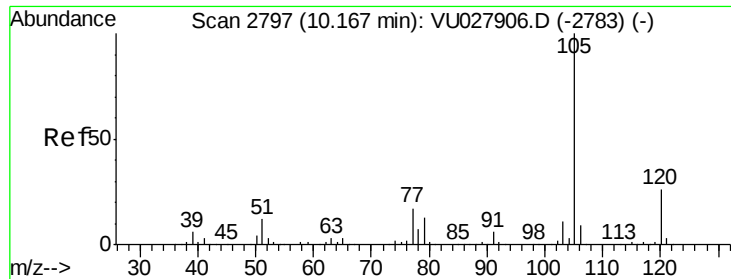
115 88.0 43.0 129.0

150 171.8 0.0 349.4



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





#73

Isopropylbenzene

Concen: 51.293 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

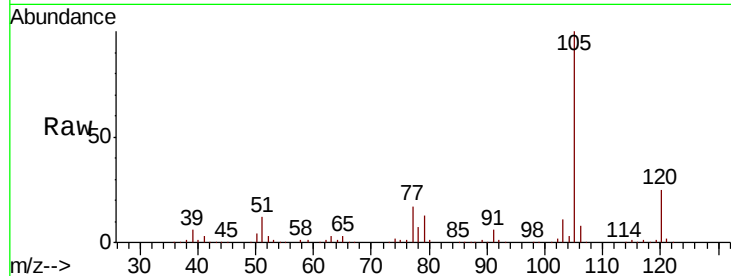
VSTDCCC050

Tot Ion:105 Resp: 541915

Ion Ratio Lower Upper

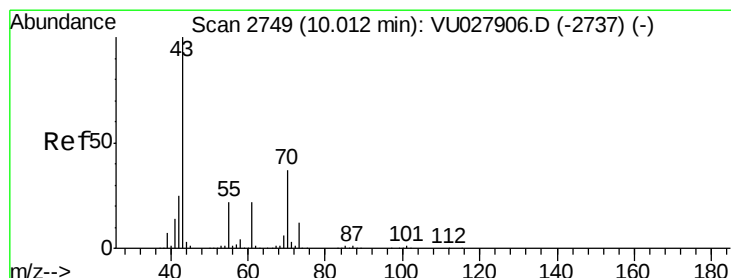
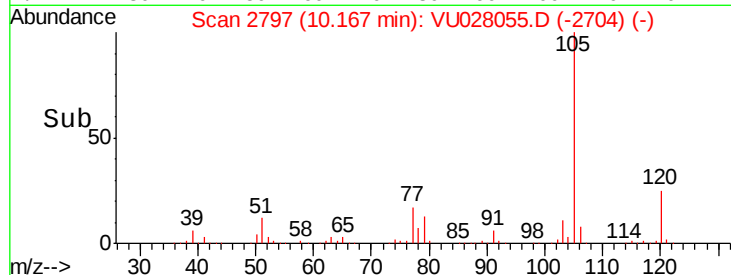
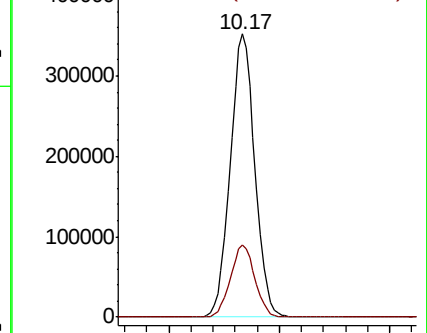
105 100

120 25.4 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.412 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Tgt Ion: 43 Resp: 322061

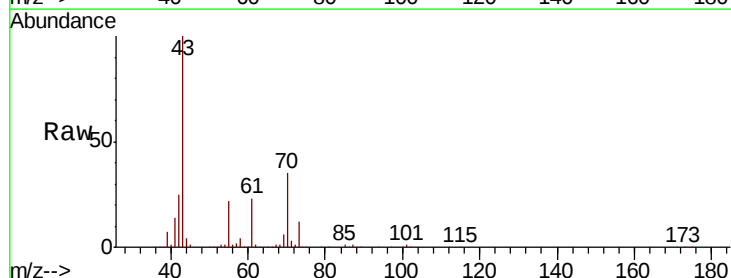
Ion Ratio Lower Upper

43 100

70 35.8 29.2 43.8

55 22.2 17.8 26.6

61 22.6 17.8 26.8

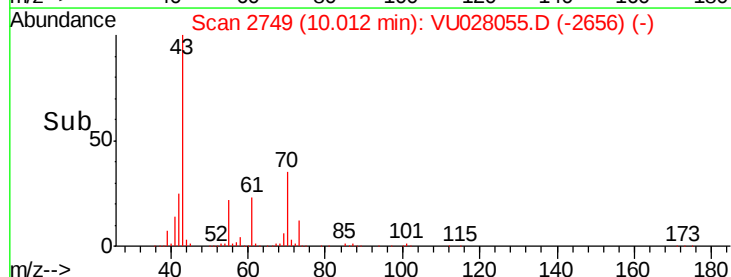
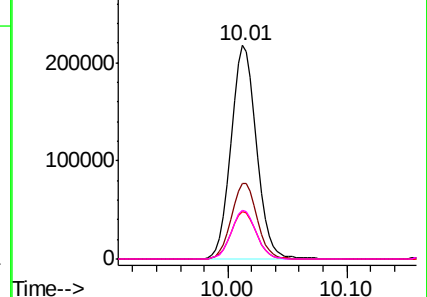


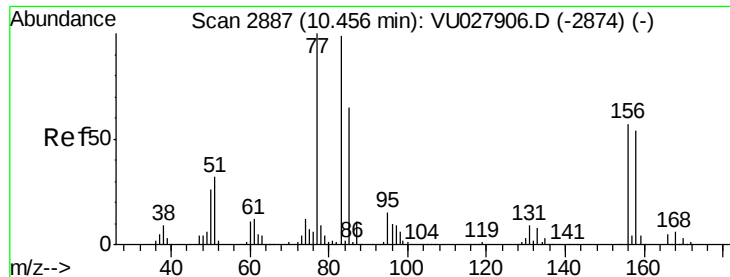
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.655 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

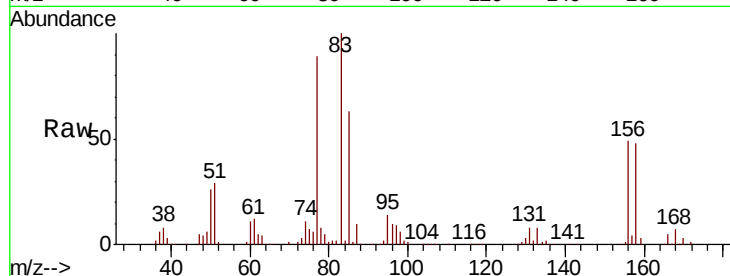
Tot Ion: 83 Resp: 207352

Ion Ratio Lower Upper

83 100

131 8.4 4.3 13.1

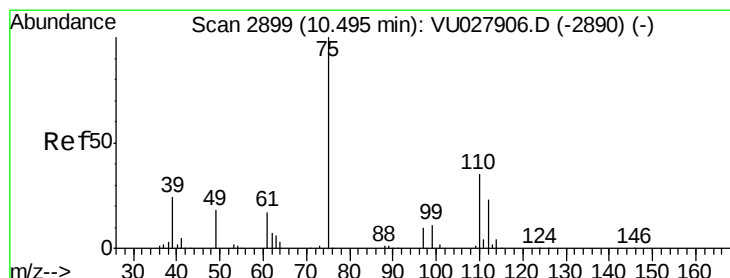
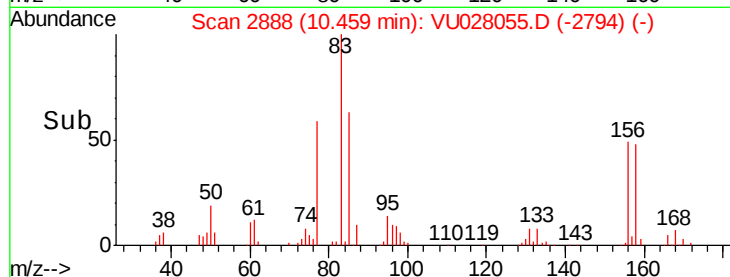
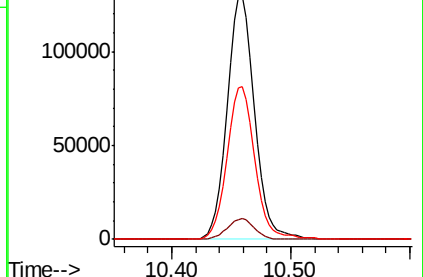
85 63.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027906.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 66.462 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU028055.D

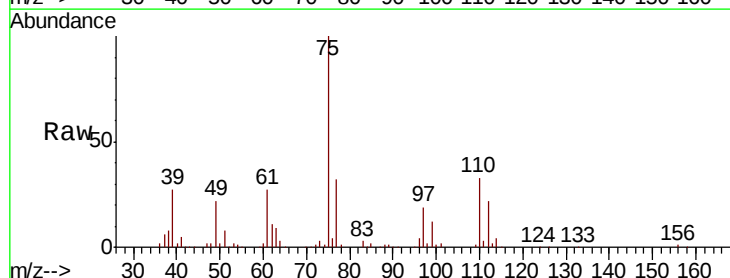
Acq: 12 Nov 2018 11:01

Tgt Ion: 75 Resp: 247926

Ion Ratio Lower Upper

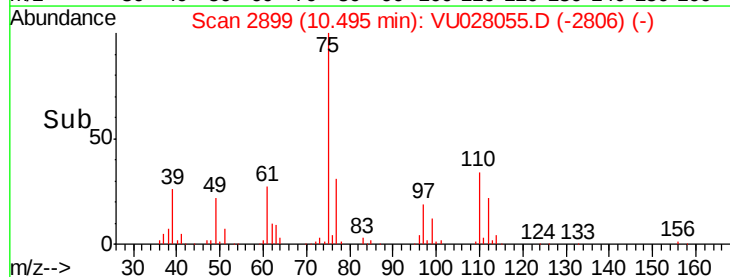
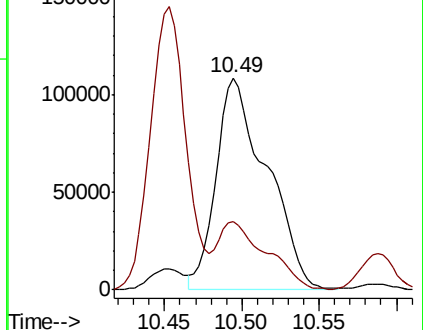
75 100

77 30.9 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027906.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027906.D (-2890) (-)





#77

Bromobenzene

Concen: 50.913 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

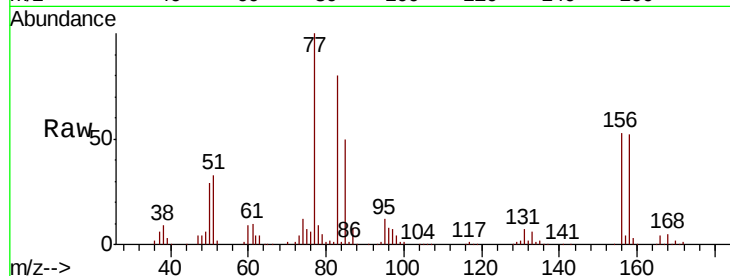
Tot Ion:156 Resp: 123342

Ion Ratio Lower Upper

156 100

77 189.0 91.8 275.6

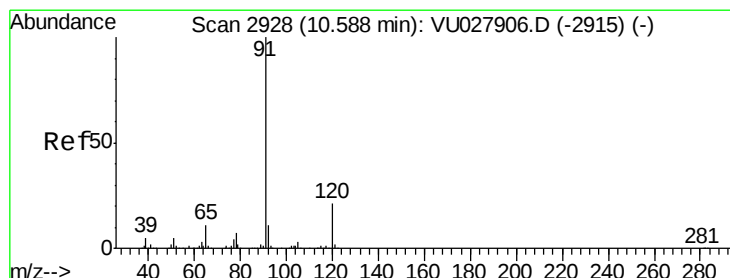
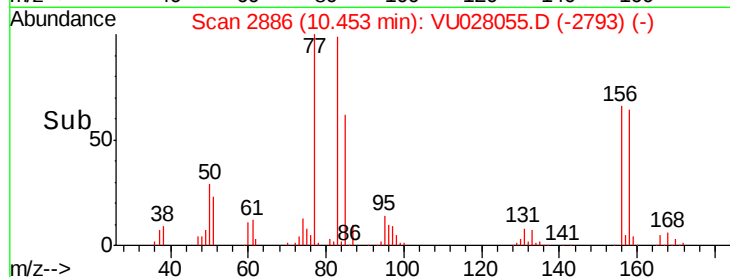
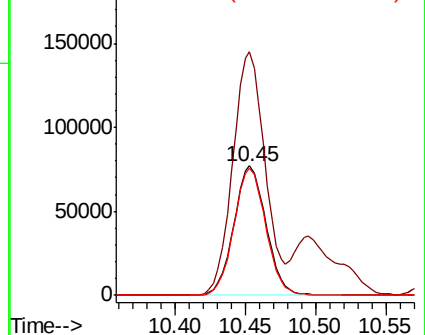
158 97.4 48.4 145.2



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: 53.785 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU028055.D

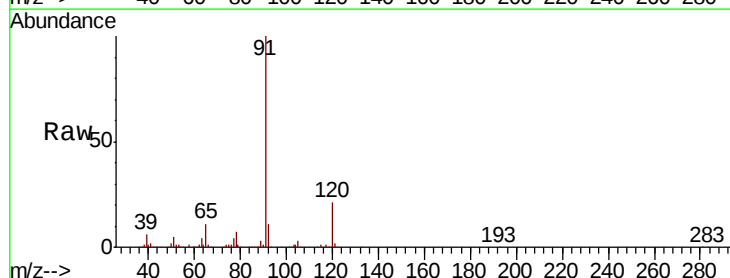
Acq: 12 Nov 2018 11:01

Tgt Ion: 91 Resp: 680191

Ion Ratio Lower Upper

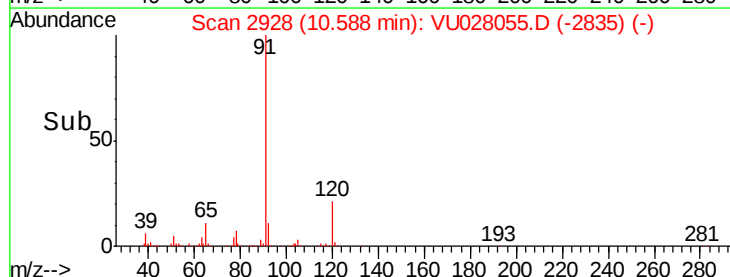
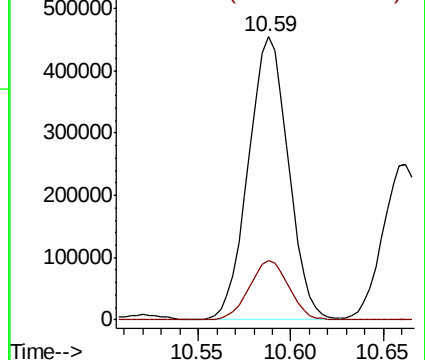
91 100

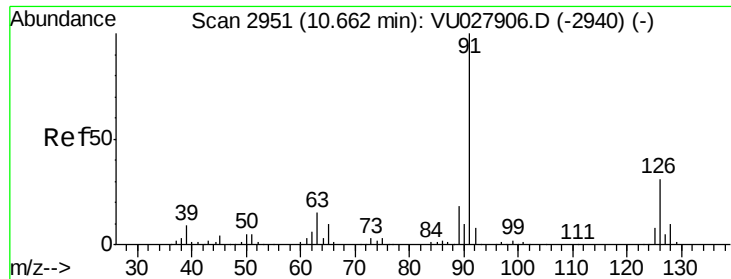
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

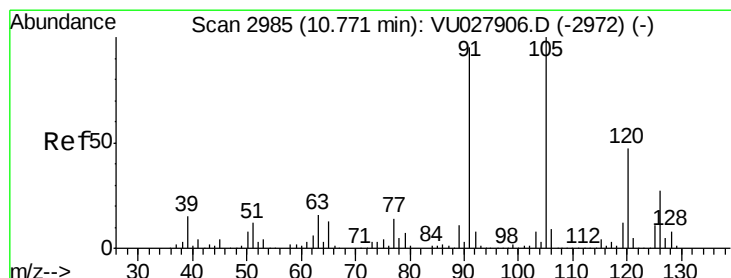
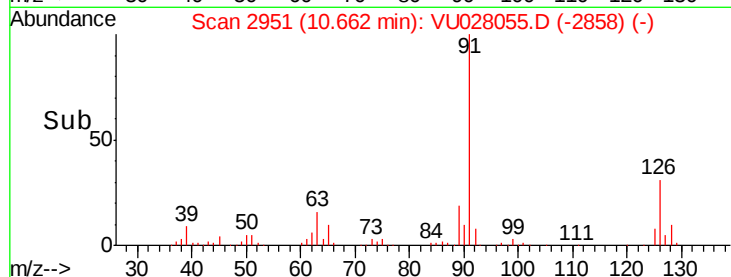
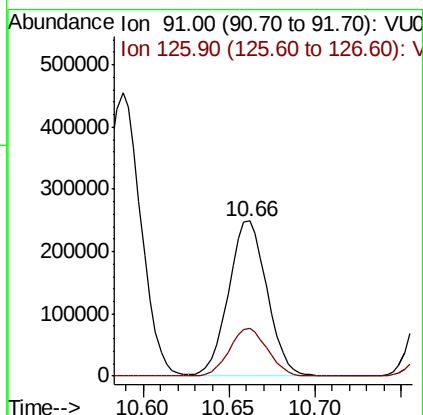
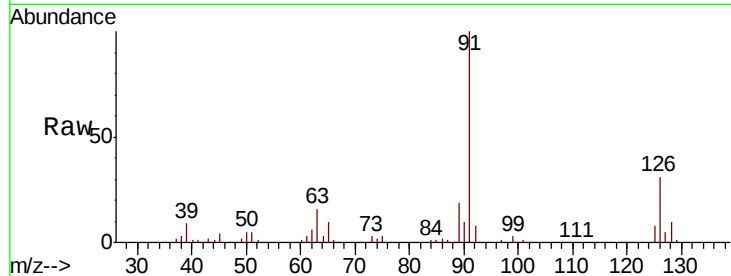




#79  
 2-Chlorotoluene  
 Concen: 50.891 ug/l  
 RT: 10.66 min Scan# 2951  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

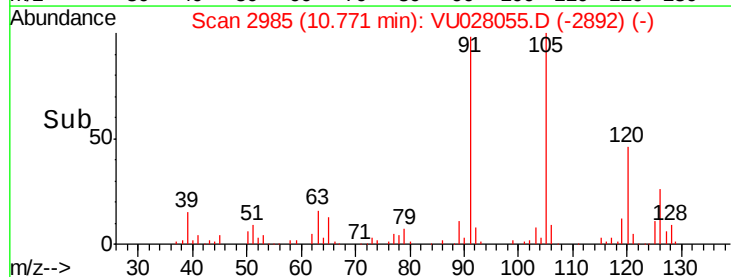
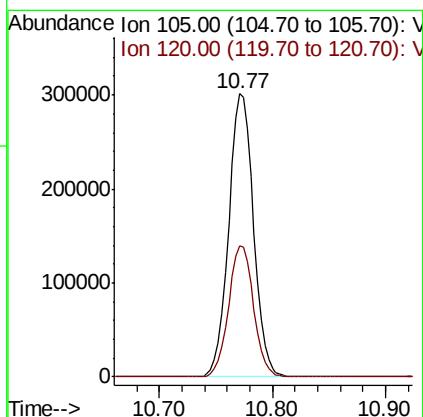
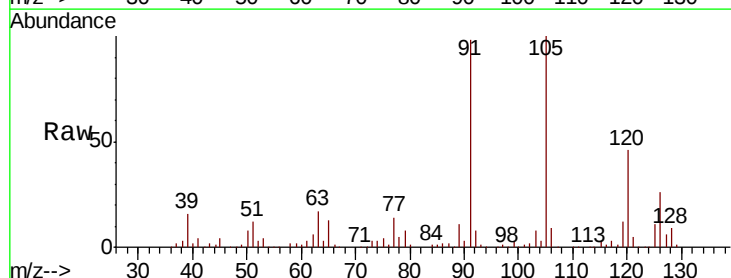
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

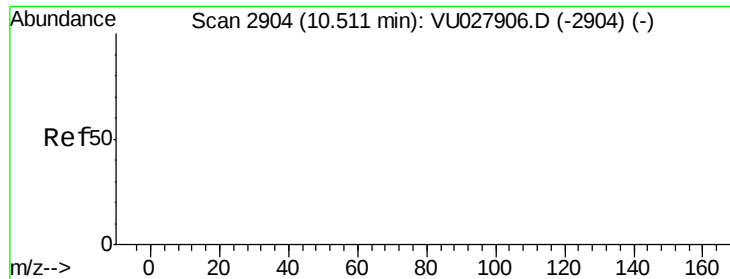
Tot Ion: 91 Resp: 385769  
 Ion Ratio Lower Upper  
 91 100  
 126 31.1 16.0 47.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.452 ug/l  
 RT: 10.77 min Scan# 2985  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion: 105 Resp: 459064  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 165.331 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

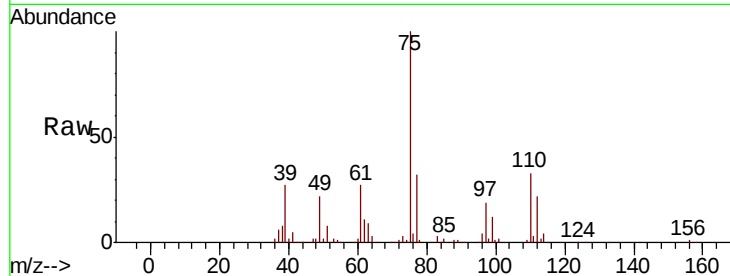
Tot Ion: 75 Resp: 247926

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

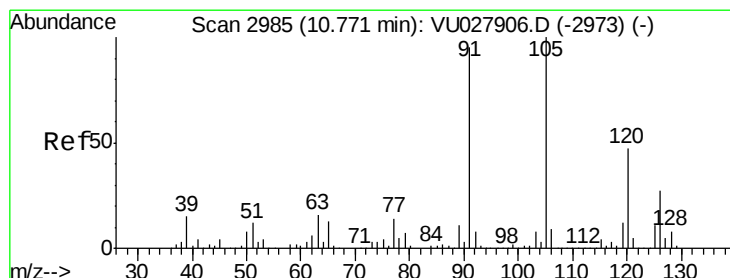
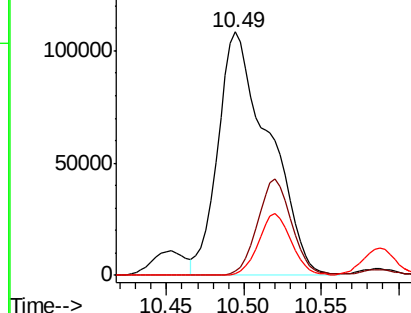
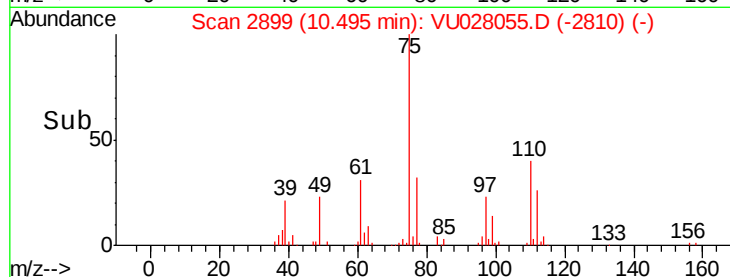
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 52.633 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028055.D

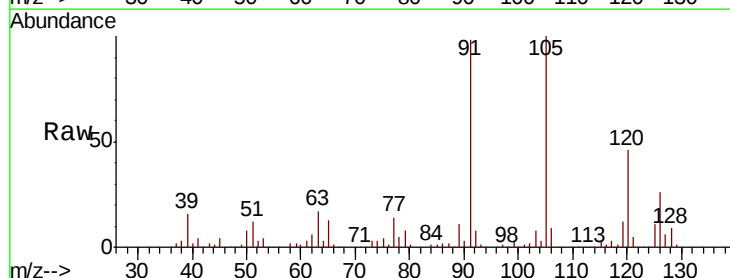
Acq: 12 Nov 2018 11:01

Tgt Ion: 91 Resp: 452942

Ion Ratio Lower Upper

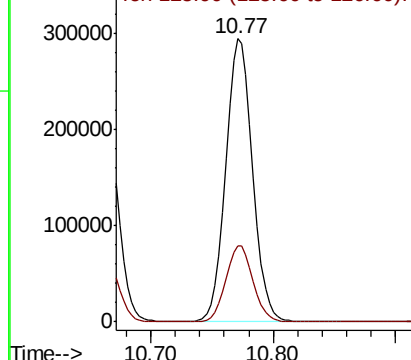
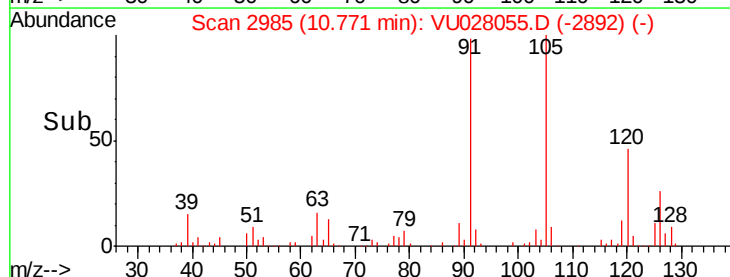
91 100

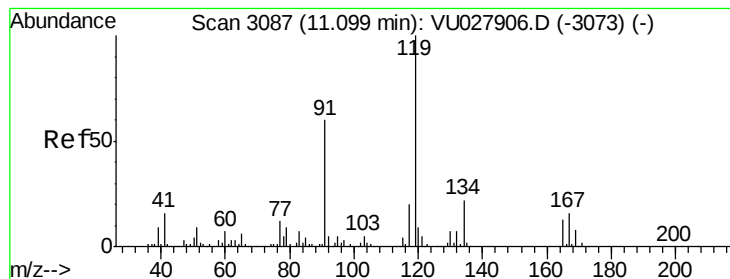
126 27.5 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.152 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

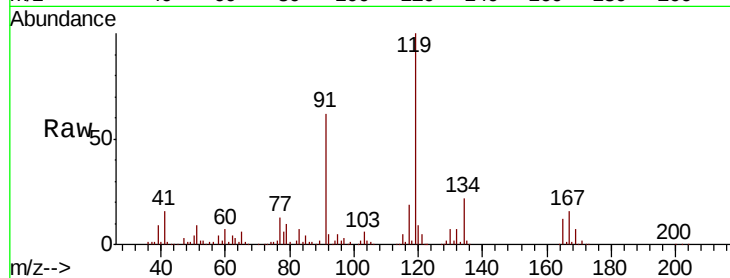
Tot Ion:119 Resp: 438810

Ion Ratio Lower Upper

119 100

91 61.2 29.8 89.3

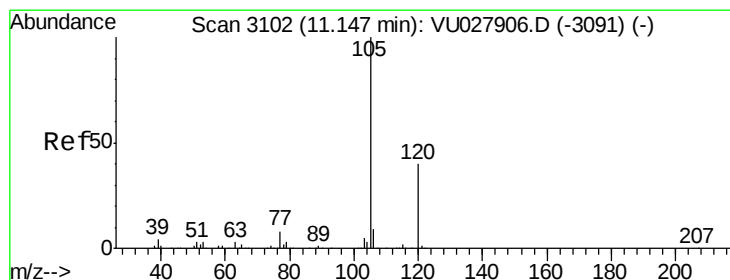
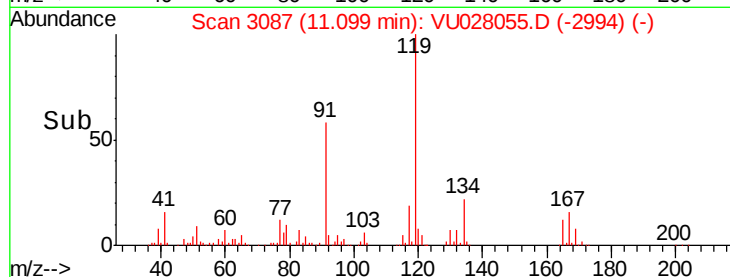
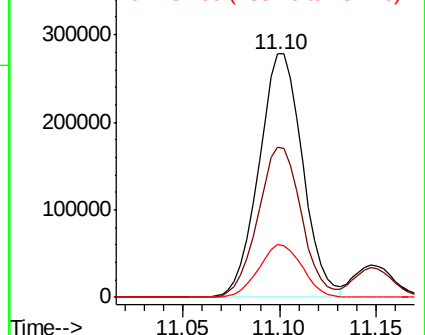
134 21.7 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.266 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028055.D

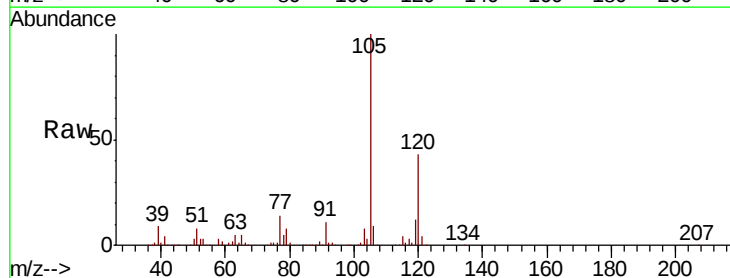
Acq: 12 Nov 2018 11:01

Tgt Ion:105 Resp: 469435

Ion Ratio Lower Upper

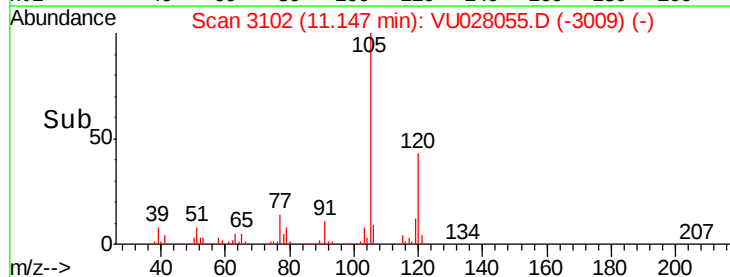
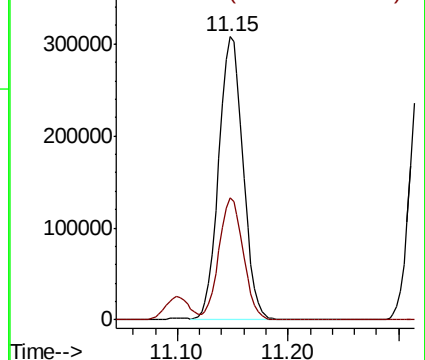
105 100

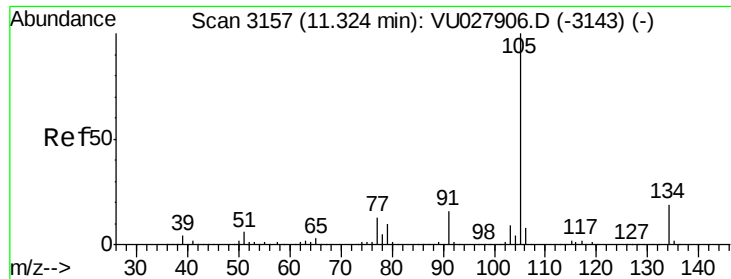
120 42.9 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

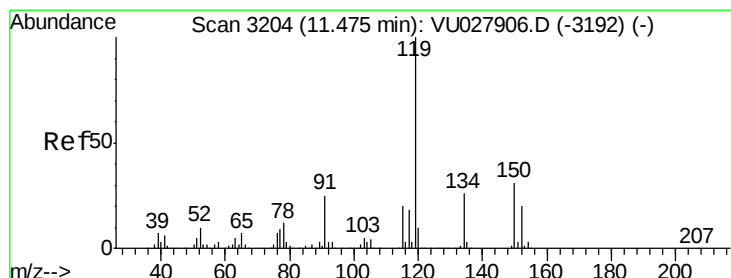
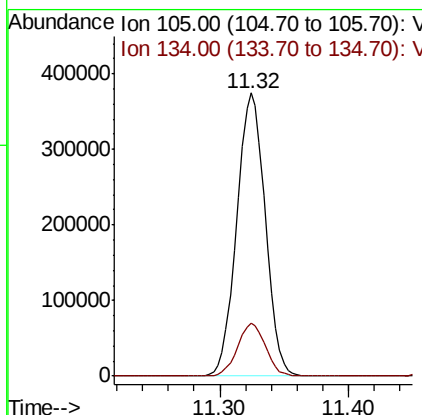
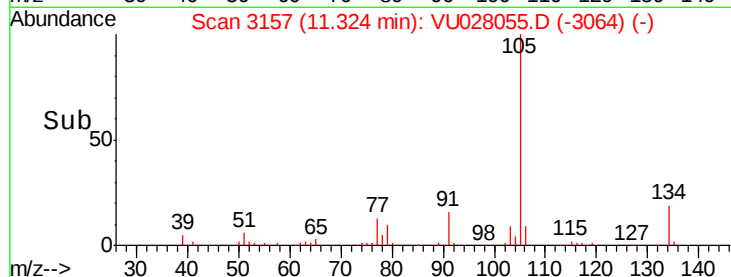
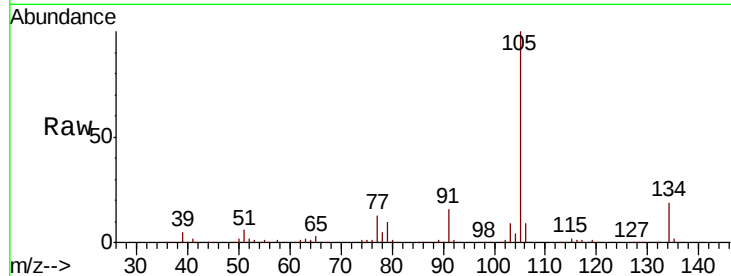




#85  
 sec-Butylbenzene  
 Concen: 53.915 ug/l  
 RT: 11.32 min Scan# 3157  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

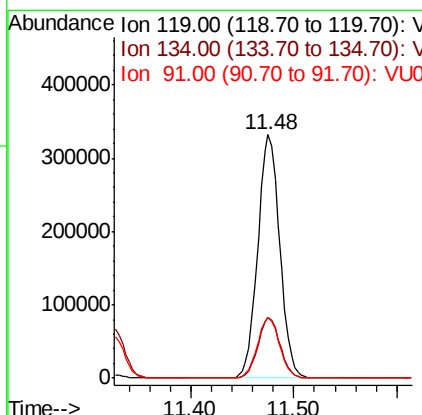
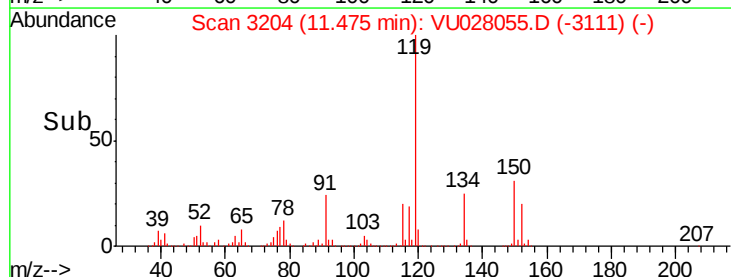
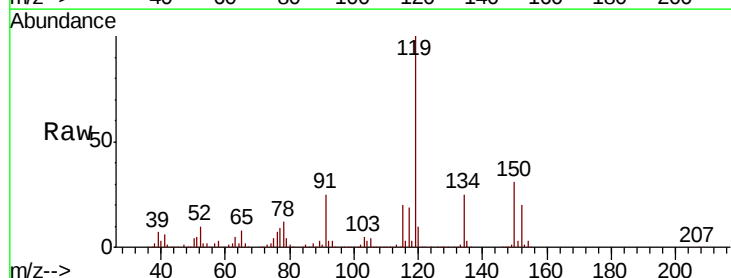
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

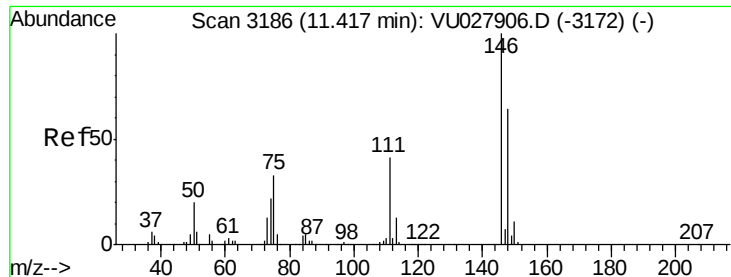
Tot Ion:105 Resp: 573703  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 9.2 27.6



#86  
 p-Isopropyltoluene  
 Concen: 54.864 ug/l  
 RT: 11.48 min Scan# 3204  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion:119 Resp: 488042  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.9 38.7  
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.623 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

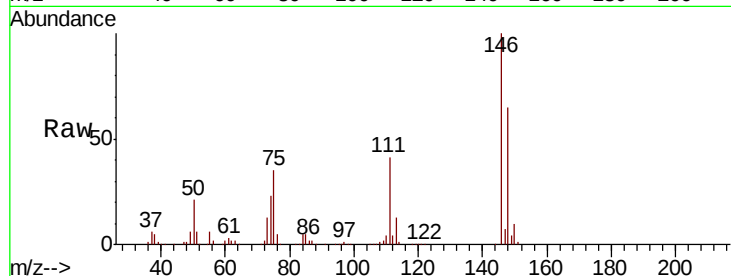
Tot Ion:146 Resp: 231026

Ion Ratio Lower Upper

146 100

111 41.2 20.3 61.0

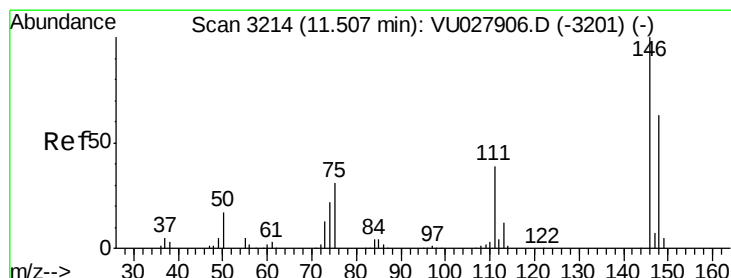
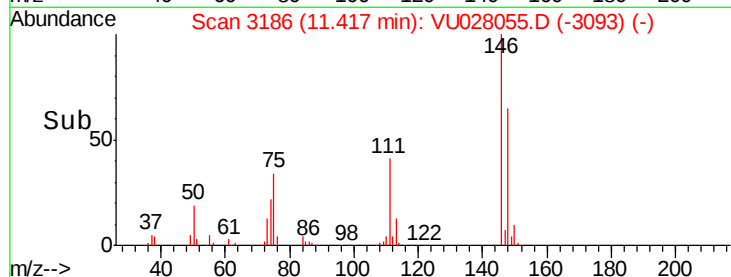
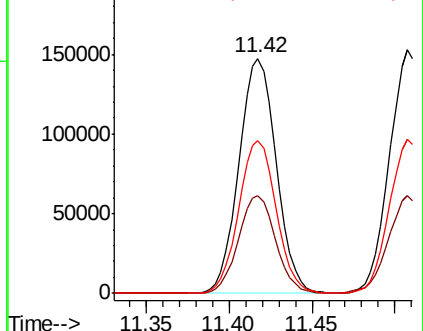
148 65.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.400 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

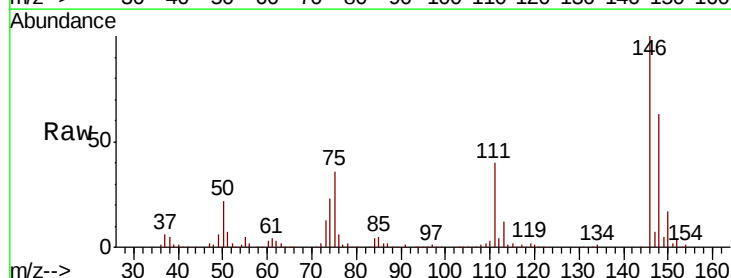
Tgt Ion:146 Resp: 235771

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

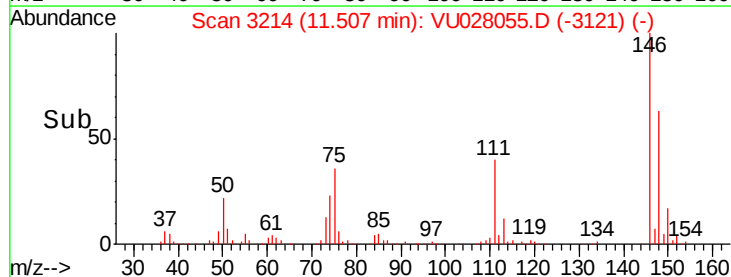
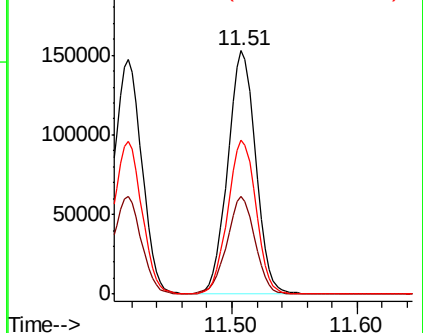
148 64.2 32.0 96.2

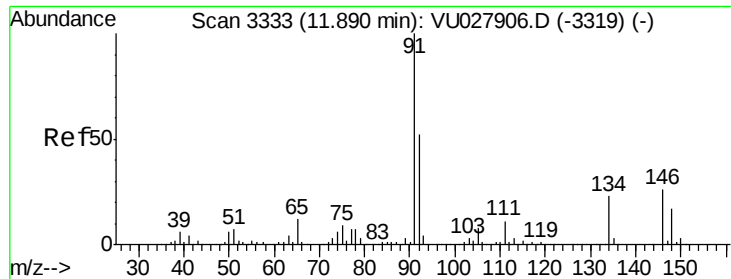


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

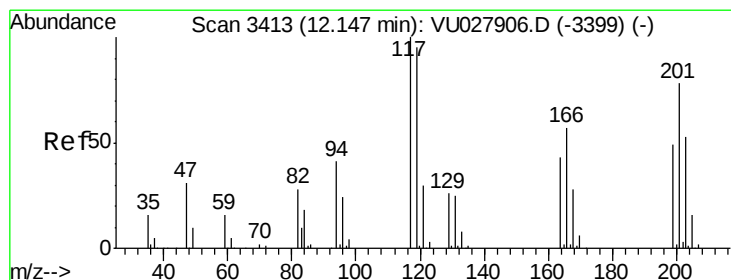
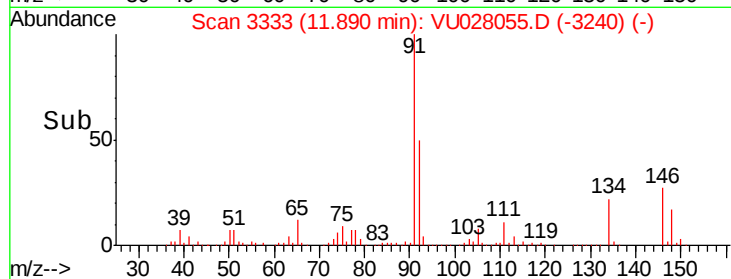
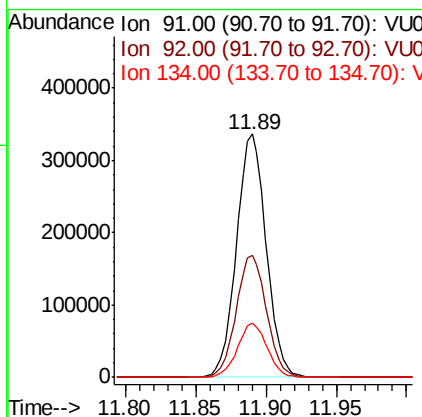
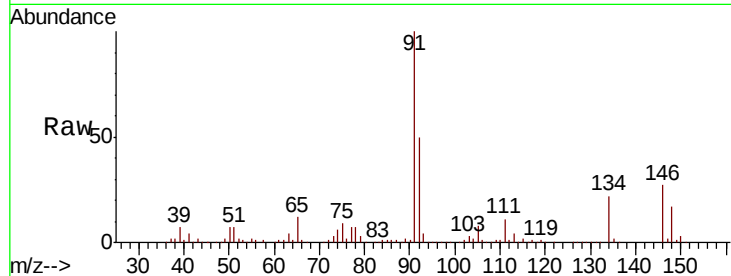




#89  
n-Butylbenzene  
Concen: 58.772 ug/l  
RT: 11.89 min Scan# 3333  
Delta R.T. 0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

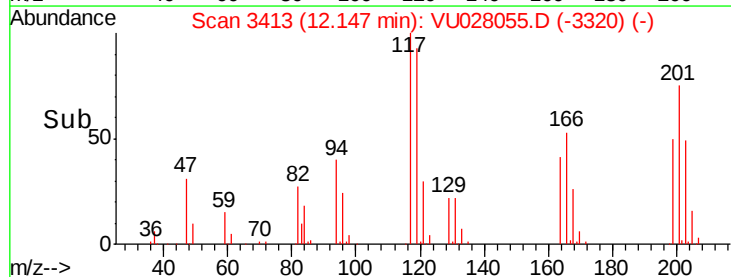
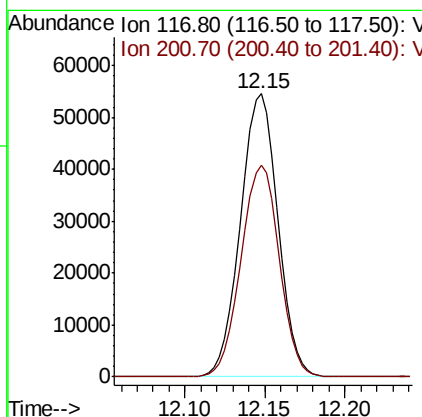
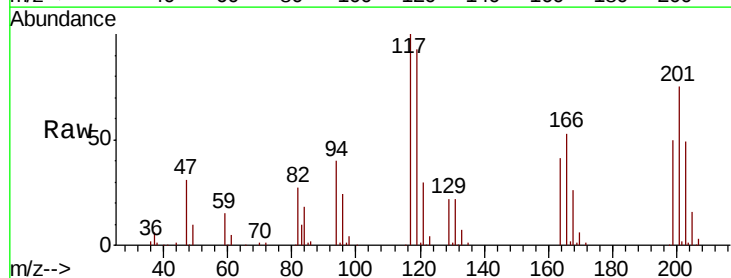
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

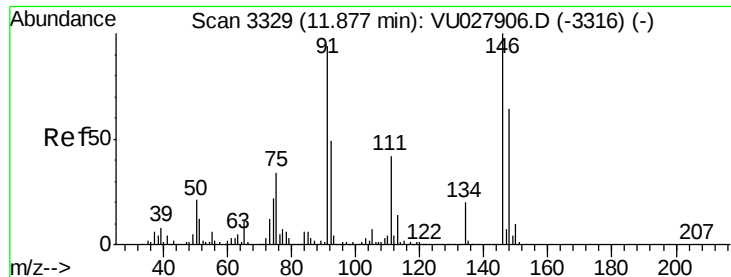
Tot Ion: 91 Resp: 496861  
Ion Ratio Lower Upper  
91 100  
92 51.1 26.2 78.5  
134 22.2 11.5 34.5



#90  
Hexachloroethane  
Concen: 54.989 ug/l  
RT: 12.15 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VU028055.D  
Acq: 12 Nov 2018 11:01

Tgt Ion: 117 Resp: 87087  
Ion Ratio Lower Upper  
117 100  
201 76.5 38.5 115.5

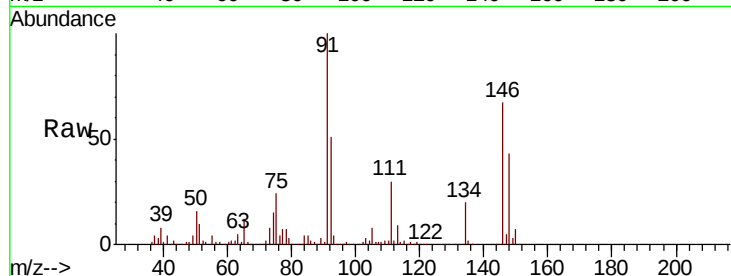




#91  
 1,2-Dichlorobenzene  
 Concen: 52.333 ug/l  
 RT: 11.88 min Scan# 3330  
 Delta R.T. 0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 21.3  | 64.0  |
| 148     | 63.3  | 31.8  | 95.3  |

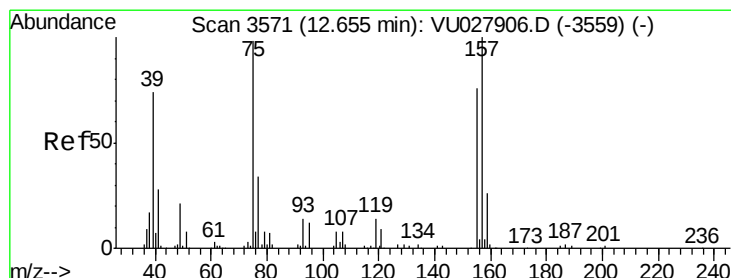
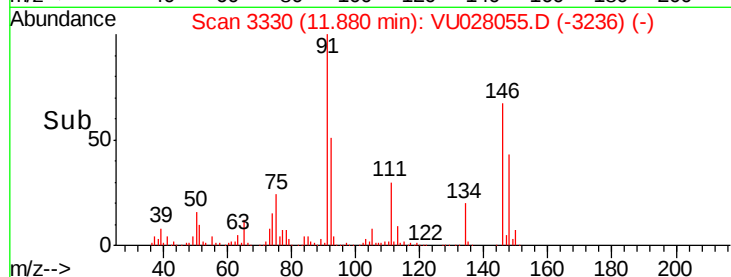
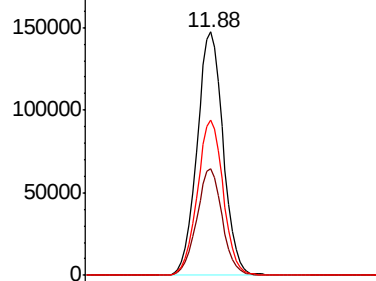


Abundance

Ion 145.90 (145.60 to 146.60): V

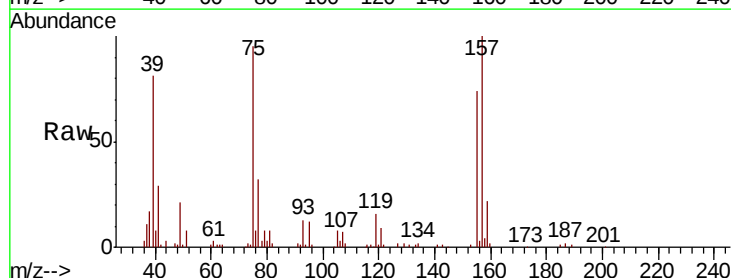
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.523 ug/l  
 RT: 12.66 min Scan# 3571  
 Delta R.T. -0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.5  | 39.8  | 119.3 |
| 157     | 102.3 | 50.6  | 151.9 |

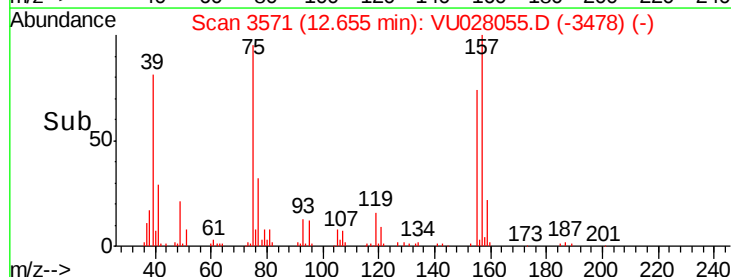
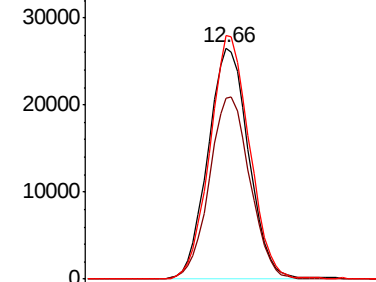


Abundance

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

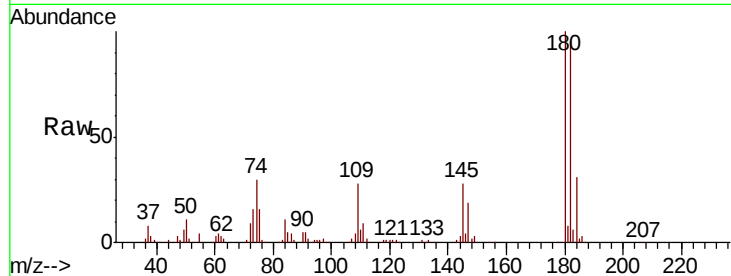




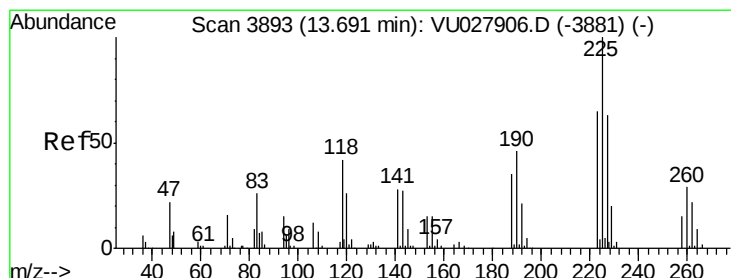
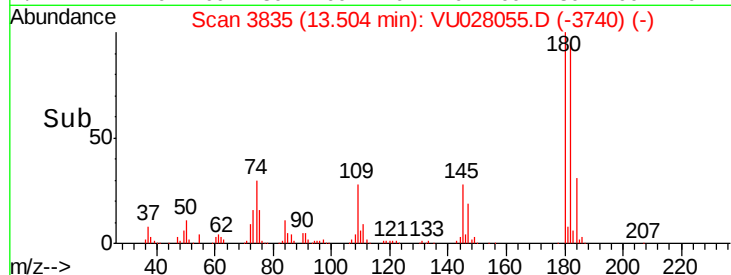
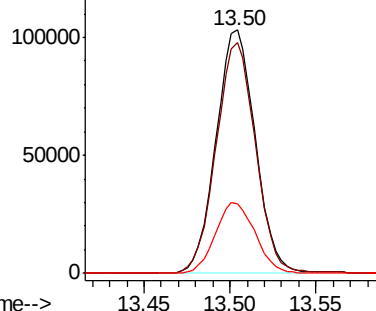
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.583 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. 0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 162878  
 Ion Ratio Lower Upper  
 180 100  
 182 96.1 48.4 145.2  
 145 29.5 14.9 44.5

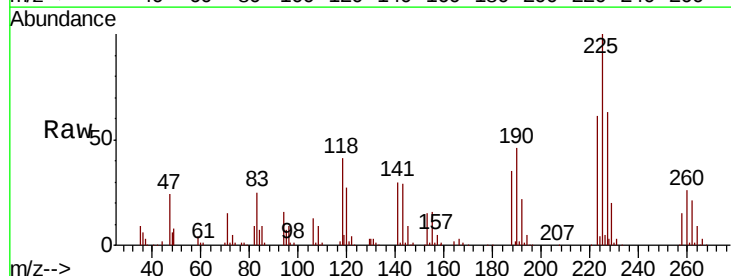


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

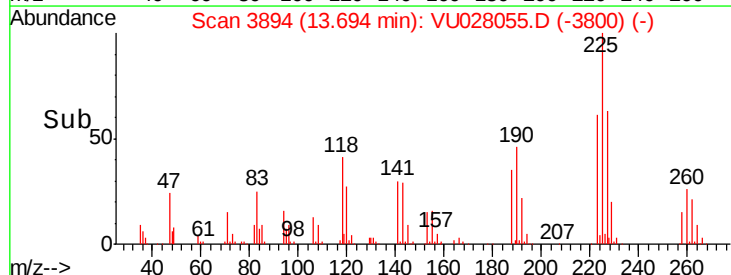
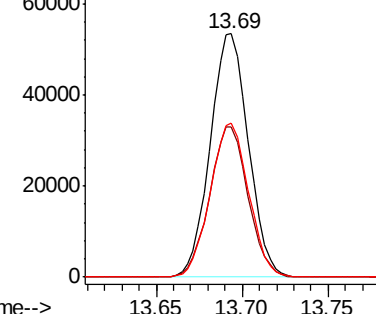


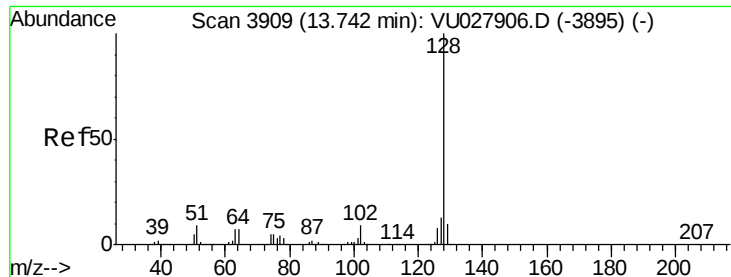
#94  
 Hexachlorobutadiene  
 Concen: 57.400 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. 0.00 min  
 Lab File: VU028055.D  
 Acq: 12 Nov 2018 11:01

Tgt Ion:225 Resp: 82101  
 Ion Ratio Lower Upper  
 225 100  
 223 62.3 32.2 96.6  
 227 63.7 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.299 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

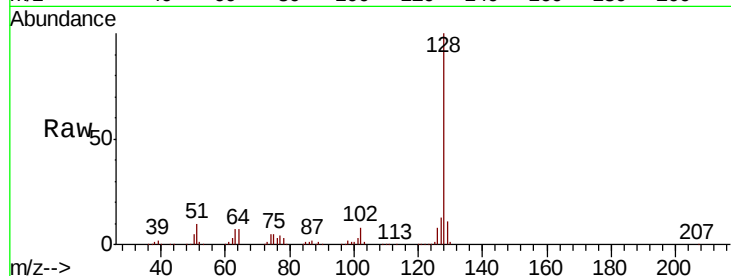
Tot Ion:128 Resp: 540378

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

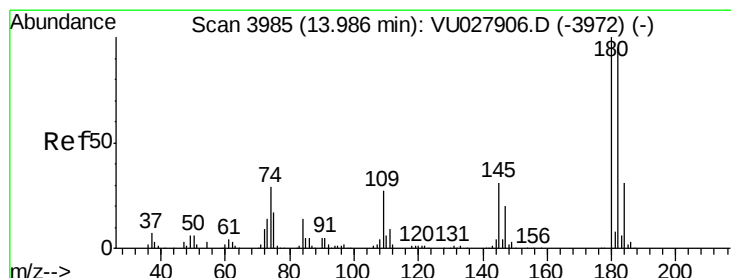
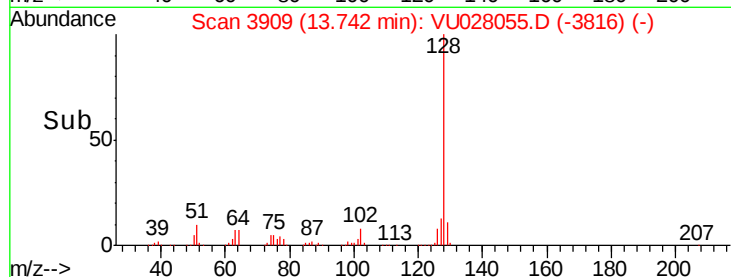
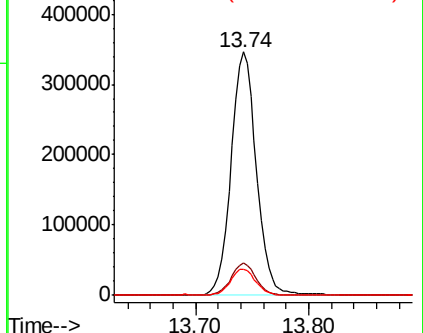
129 10.8 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.707 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU028055.D

Acq: 12 Nov 2018 11:01

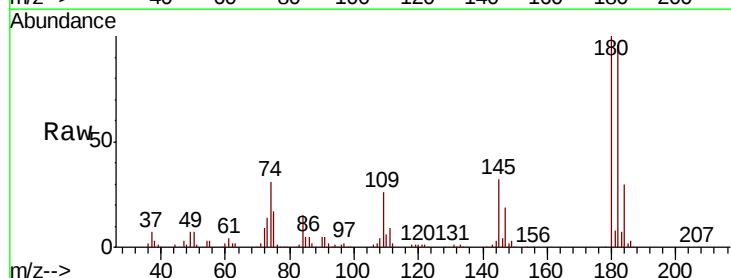
Tgt Ion:180 Resp: 165211

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 32.1 16.0 47.9



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

