

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\  
 Data File : VU028519.D  
 Acq On : 06 Dec 2018 22:23  
 Operator : MD/SY  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 07 06:19:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 07 00:39:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 95176    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 168411   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 159995   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 80410    | 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   | 76246    | 52.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.98% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 54629    | 51.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.10% |          |
| 50) Toluene-d8              | 7.57  | 98   | 219688   | 52.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.80% |          |
| 62) 4-Bromofluorobenzene    | 10.30 | 95   | 82671    | 52.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.21 | 85   | 64116    | 50.259  | ug/l  | 100    |
| 3) Chloromethane              | 1.33 | 50   | 115446   | 49.223  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.40 | 62   | 86868    | 51.323  | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 32461    | 47.611  | ug/l  | 100    |
| 6) Chloroethane               | 1.69 | 64   | 49099    | 51.241  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 1.88 | 101  | 90341    | 50.732  | ug/l  | 97     |
| 8) Diethyl Ether              | 2.10 | 74   | 40646    | 48.786  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101  | 53050    | 49.811  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.41 | 142  | 44576    | 53.342  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 2.82 | 59   | 86786    | 268.189 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.28 | 96   | 52648    | 49.683  | ug/l  | 97     |
| 13) Acrolein                  | 2.19 | 56   | 62568    | 242.539 | ug/l  | 100    |
| 14) Allyl chloride            | 2.59 | 41   | 120906   | 48.230  | ug/l  | 99     |
| 15) Acrylonitrile             | 2.94 | 53   | 235407   | 262.025 | ug/l  | 99     |
| 16) Acetone                   | 2.32 | 43   | 191860   | 202.429 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.48 | 76   | 187026   | 48.992  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.62 | 43   | 130666   | 53.183  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73   | 203678   | 50.703  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.70 | 84   | 66513    | 47.605  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96   | 59119    | 49.551  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.57 | 45   | 253976   | 52.098  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.52 | 43   | 1057688  | 263.037 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.45 | 63   | 127089   | 49.803  | ug/l  | 100    |
| 25) 2-Butanone                | 4.26 | 43   | 319614   | 246.759 | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 4.23 | 77   | 93536    | 46.260  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.23 | 96   | 68153    | 50.468  | ug/l  | 99     |
| 28) Bromochloromethane        | 4.55 | 49   | 61769    | 53.246  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 4.64 | 42   | 220691   | 265.299 | ug/l  | 99     |
| 30) Chloroform                | 4.67 | 83   | 113161   | 50.880  | ug/l  | 99     |
| 31) Cyclohexane               | 5.00 | 56   | 126482   | 50.811  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 4.91 | 97   | 93174    | 50.441  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.14 | 75   | 89300    | 48.456  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.38 | 43   | 122183   | 51.287  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.13 | 117  | 74084    | 49.876  | ug/l  | 100    |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 07 06:19:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 07 00:39:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.41  | 83   | 108223   | 48.135   | ug/l   | 99       |
| 40) Benzene                    | 5.39  | 78   | 272993   | 50.296   | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.54  | 41   | 69245    | 53.075   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 95376    | 50.200   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.55  | 43   | 197067   | 52.299   | ug/l   | 99       |
| 44) Trichloroethene            | 6.19  | 130  | 59382    | 49.204   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 78760    | 51.601   | ug/l   | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 45421    | 50.155   | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 88477    | 50.206   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.62  | 41   | 99662    | 53.184   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.61  | 88   | 32863    | 1110.679 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 7.46  | 43   | 619319   | 260.591  | ug/l   | 99       |
| 52) Toluene                    | 7.64  | 92   | 161546   | 50.572   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 106401   | 50.695   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 113666   | 49.917   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 63945    | 50.642   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 110057   | 50.898   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 116943   | 49.892   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 281508   | 254.174  | ug/l   | 99       |
| 59) 2-Hexanone                 | 8.36  | 43   | 471165   | 250.127  | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.48  | 129  | 61362    | 49.635   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.58  | 107  | 68751    | 51.921   | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.22  | 164  | 51142    | 47.921   | ug/l   | 98       |
| 65) Chlorobenzene              | 9.12  | 112  | 167411   | 49.104   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 55079    | 50.591   | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.25  | 91   | 310708   | 49.575   | ug/l   | 99       |
| 68) m/p-Xylenes                | 9.37  | 106  | 229045   | 100.434  | ug/l   | 100      |
| 69) o-Xylene                   | 9.78  | 106  | 110088   | 49.673   | ug/l   | 100      |
| 70) Styrene                    | 9.79  | 104  | 183717   | 50.090   | ug/l   | 99       |
| 71) Bromoform                  | 9.96  | 173  | 46813    | 50.545   | ug/l # | 99       |
| 73) Isopropylbenzene           | 10.16 | 105  | 293265   | 47.530   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.01 | 43   | 175557   | 49.326   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 114877   | 48.467   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.49 | 75   | 138974   | 67.684   | ug/l   | 83       |
| 77) Bromobenzene               | 10.45 | 156  | 69401    | 48.094   | ug/l   | 100      |
| 78) n-propylbenzene            | 10.58 | 91   | 369010   | 48.130   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 212355   | 48.084   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 247167   | 48.393   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75   | 138974   | 165.193  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 249454   | 47.665   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 235258   | 47.789   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 252094   | 47.893   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.32 | 105  | 305778   | 48.350   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 255728   | 47.601   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.41 | 146  | 128669   | 47.221   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 11.50 | 146  | 130123   | 46.157   | ug/l   | 100      |
| 89) n-Butylbenzene             | 11.89 | 91   | 261844   | 48.160   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.14 | 117  | 39307    | 48.407   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 127031   | 46.607   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 25796    | 50.270   | ug/l   | 97       |

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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Dec 07 06:19:10 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U120618W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 07 00:39:42 2018  
Response via : Initial Calibration

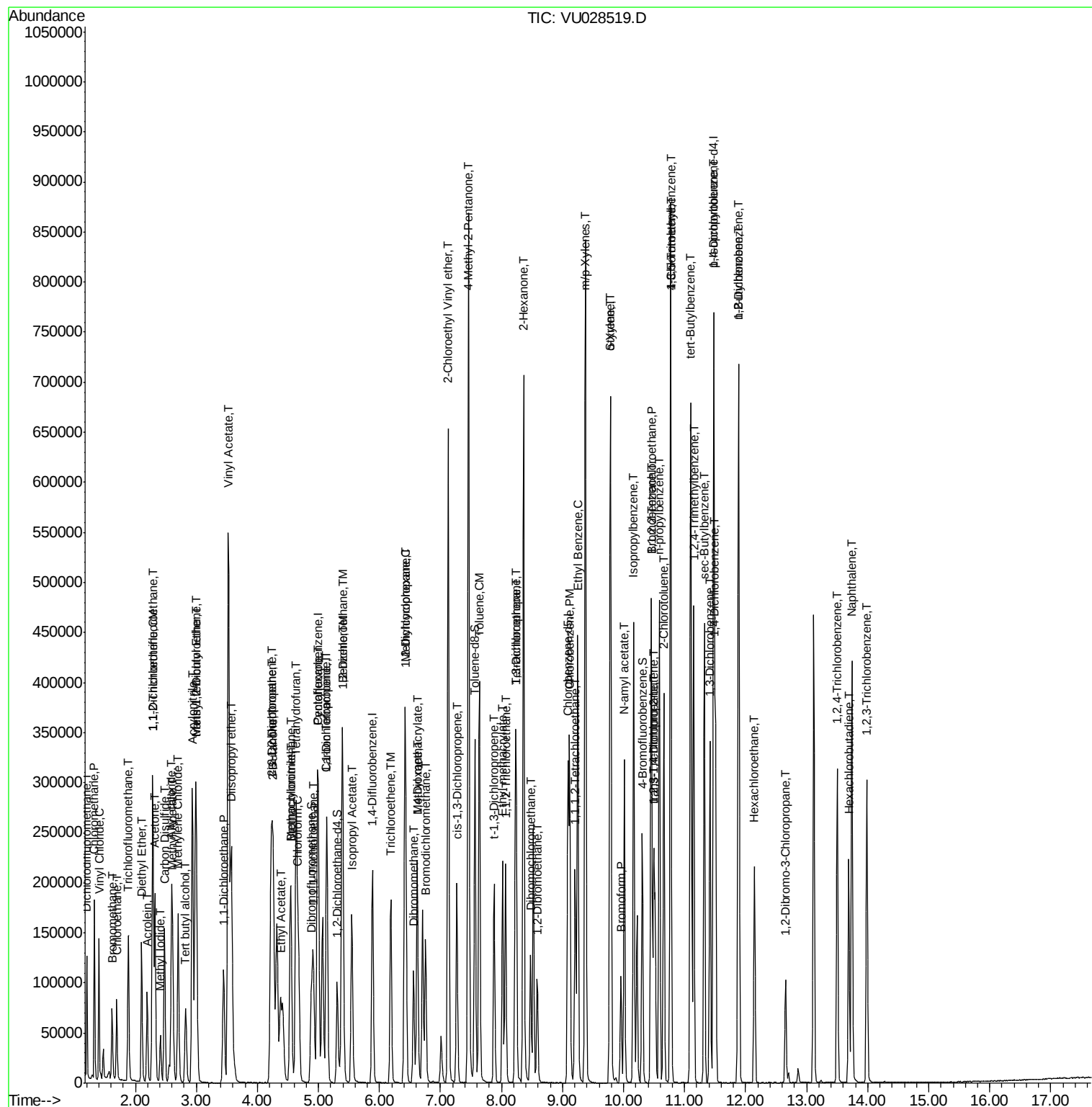
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 90484    | 48.340 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 40064    | 44.874 | ug/l  | 98       |
| 95) Naphthalene            | 13.74 | 128  | 316659   | 48.416 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 91264    | 48.963 | ug/l  | 99       |

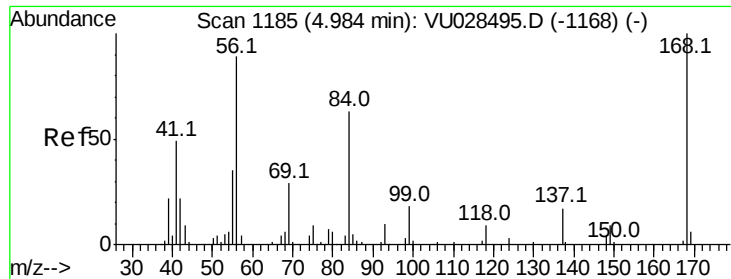
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Instrument :  
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 ClientSampled :

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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: VU028519.D

Acq: 06 Dec 2018 22:23

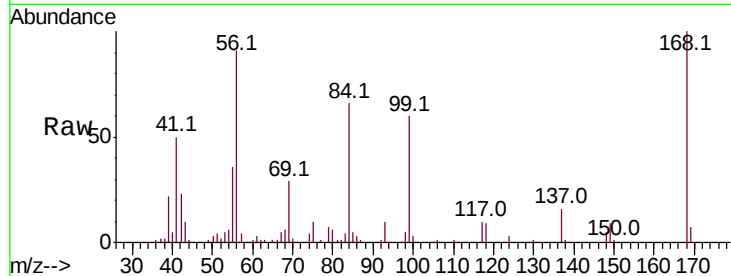
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:168 Resp: 95176

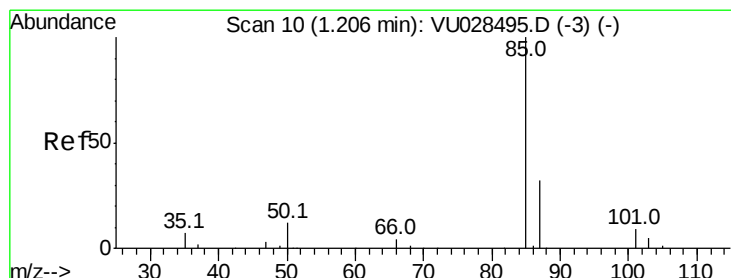
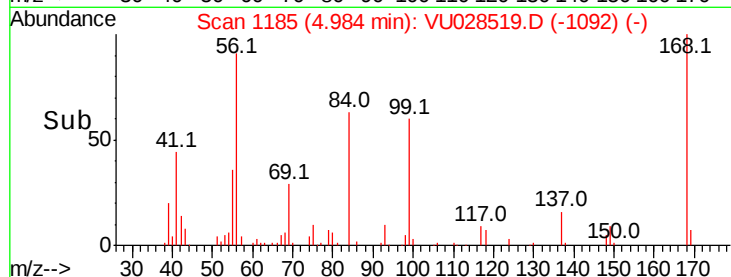
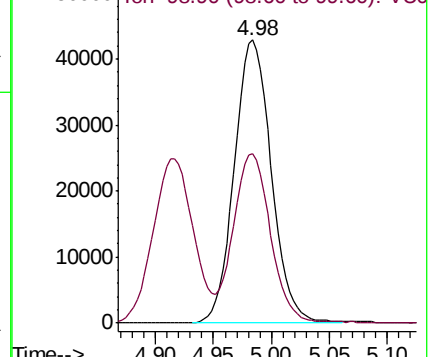
Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 50.259 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028519.D

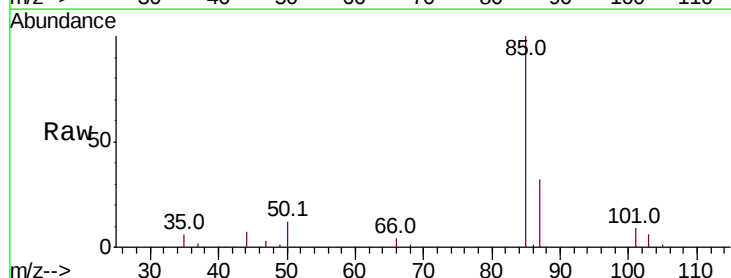
Acq: 06 Dec 2018 22:23

Tgt Ion: 85 Resp: 64116

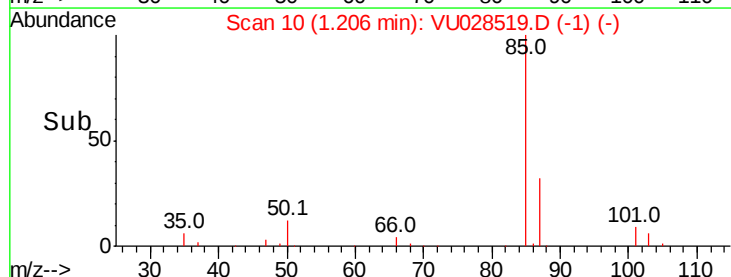
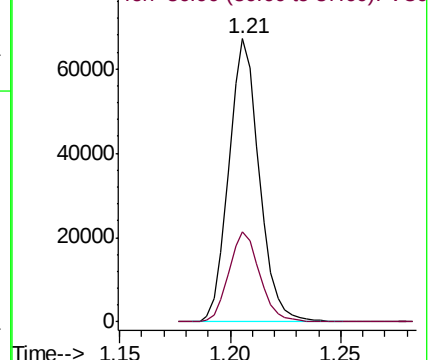
Ion Ratio Lower Upper

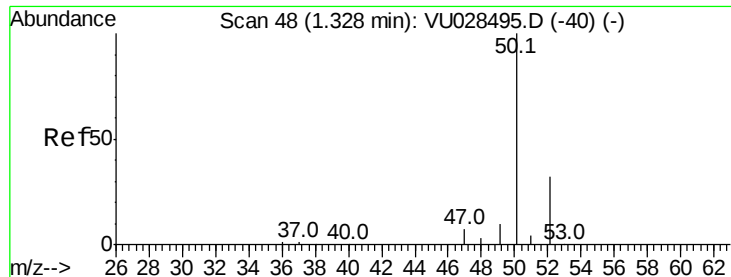
85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VU028495.D (-3) (-)





#3

Chloromethane

Concen: 49.223 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

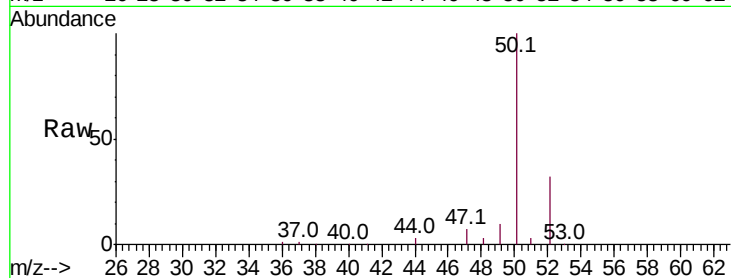
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 50 Resp: 115446

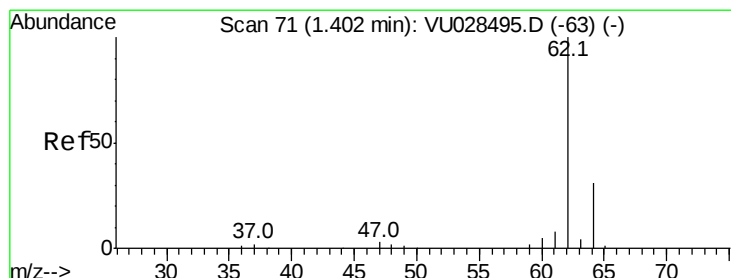
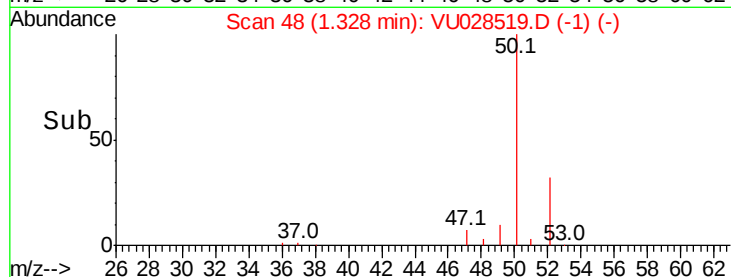
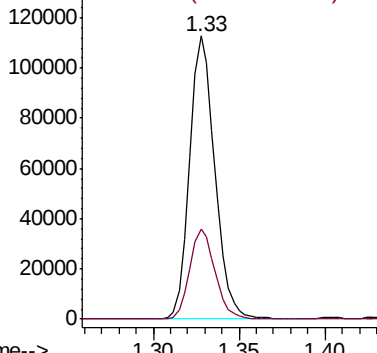
Ion Ratio Lower Upper

50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU0  
Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 51.323 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028519.D

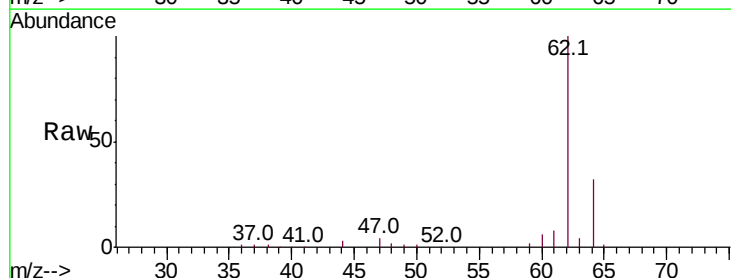
Acq: 06 Dec 2018 22:23

Tgt Ion: 62 Resp: 86868

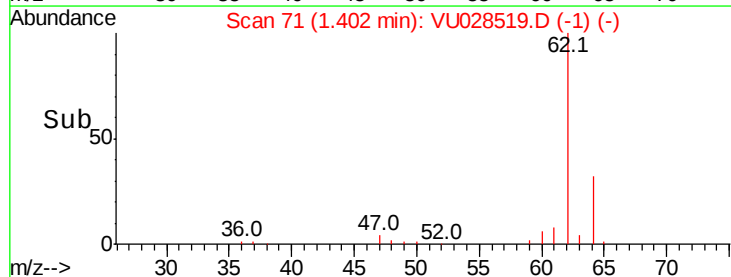
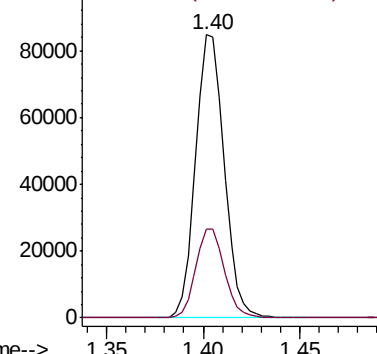
Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VU0  
Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 47.611 ug/l

RT: 1.62 min Scan# 139

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

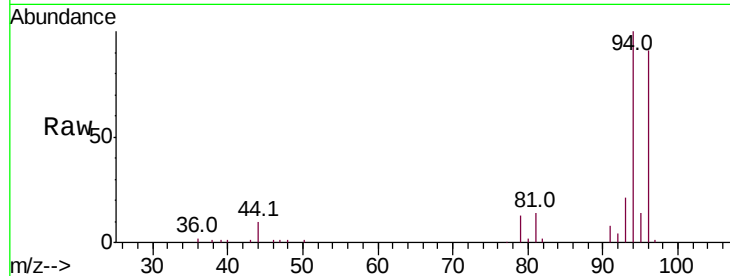
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 94 Resp: 32461

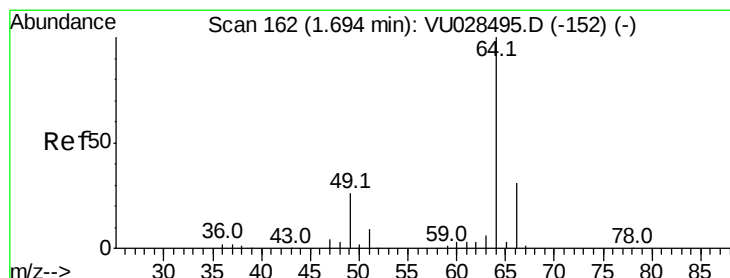
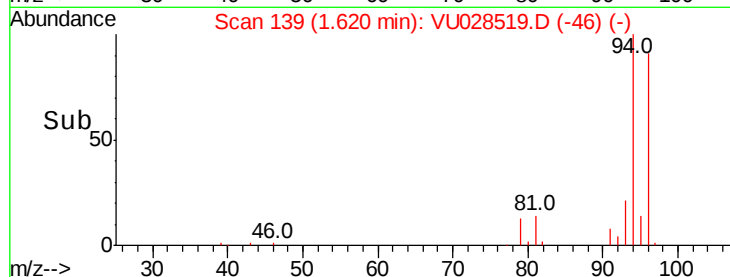
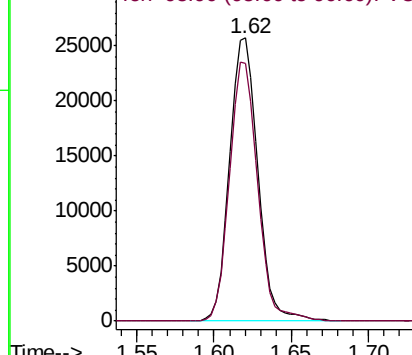
Ion Ratio Lower Upper

94 100

96 91.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0  
Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 51.241 ug/l

RT: 1.69 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU028519.D

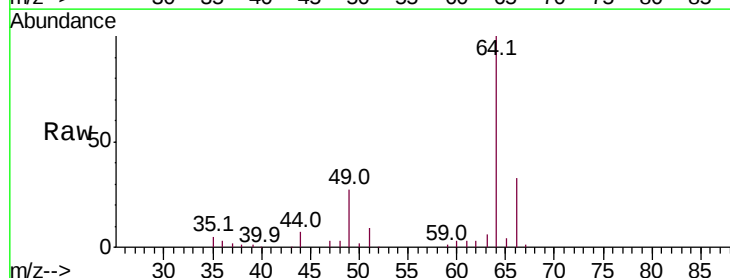
Acq: 06 Dec 2018 22:23

Tgt Ion: 64 Resp: 49099

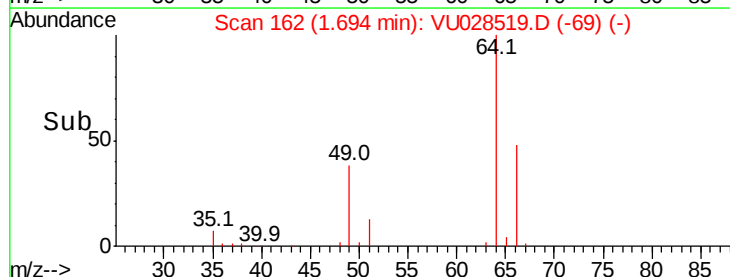
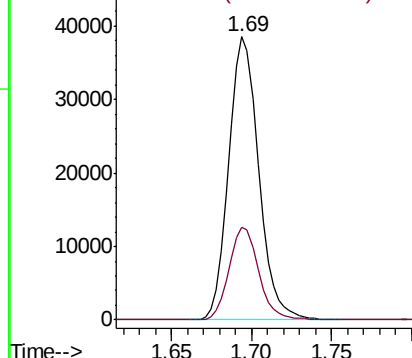
Ion Ratio Lower Upper

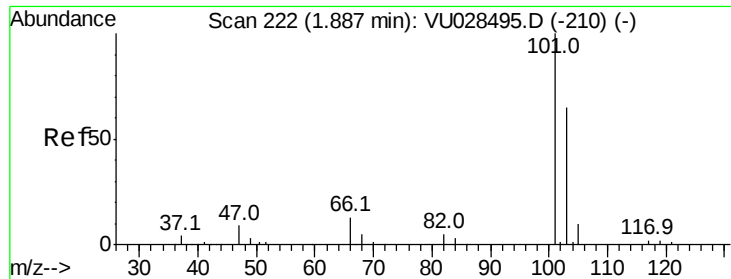
64 100

66 32.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU0  
Ion 65.90 (65.60 to 66.60): VU0



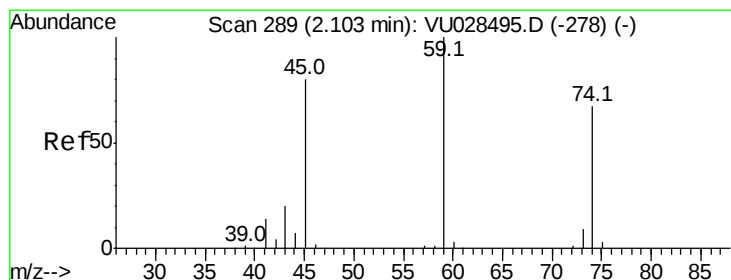
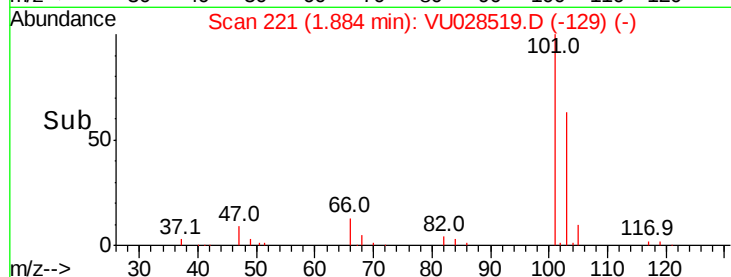
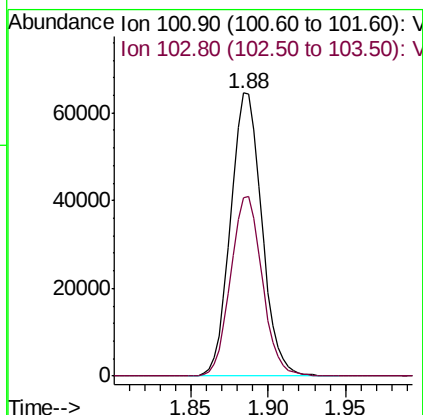
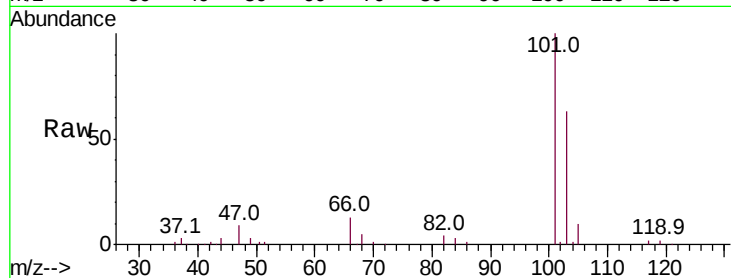


#7

Trichlorofluoromethane  
Concen: 50.732 ug/l  
RT: 1.88 min Scan# 221  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

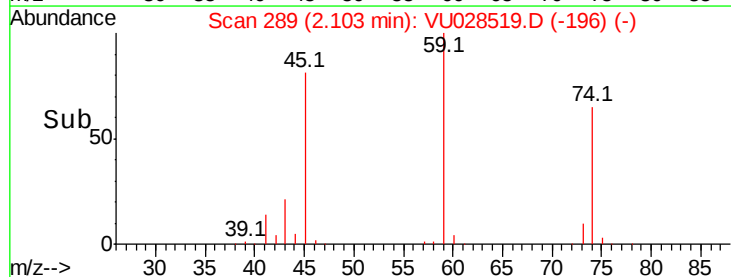
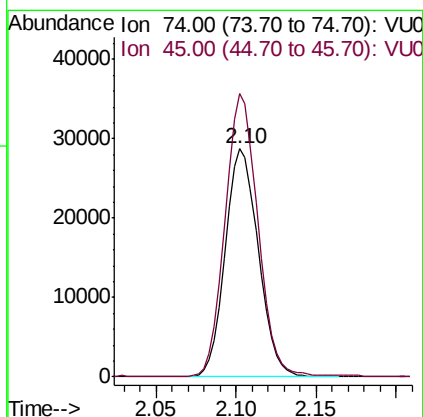
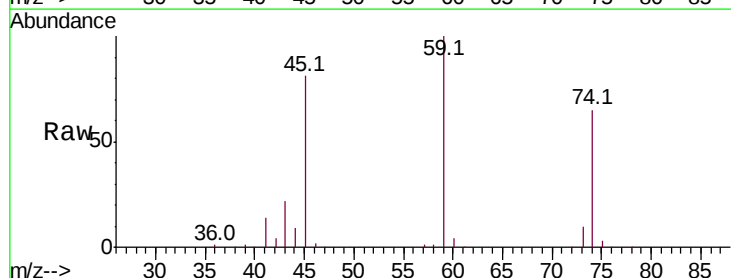
Tot Ion:101 Resp: 90341  
Ion Ratio Lower Upper  
101 100  
103 63.2 52.3 78.5



#8

Diethyl Ether  
Concen: 48.786 ug/l  
RT: 2.10 min Scan# 289  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 74 Resp: 40646  
Ion Ratio Lower Upper  
74 100  
45 123.0 59.7 179.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.811 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampleId :

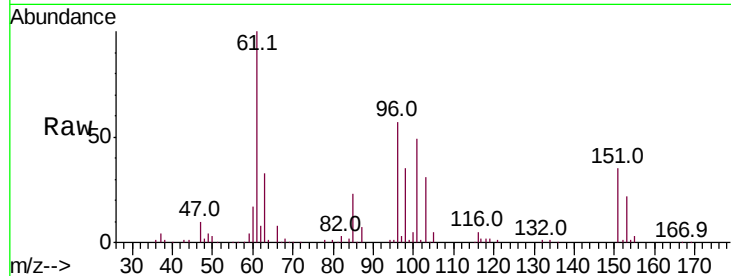
Tot Ion:101 Resp: 53050

Ion Ratio Lower Upper

101 100

85 45.9 36.4 54.6

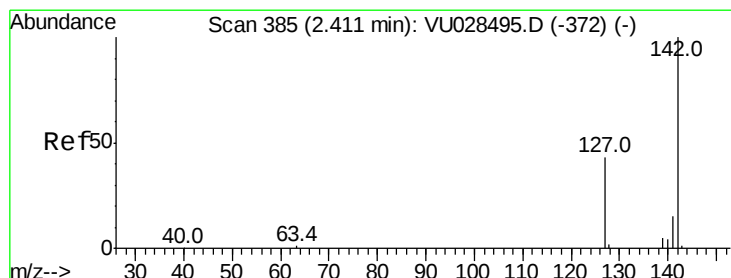
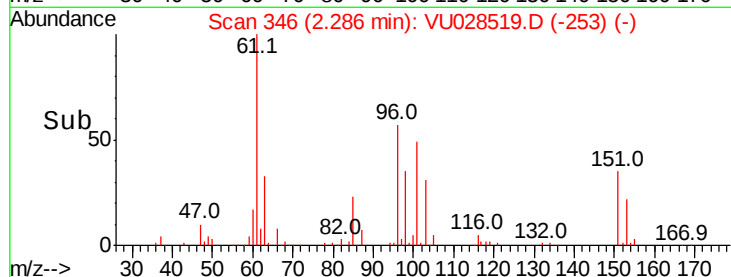
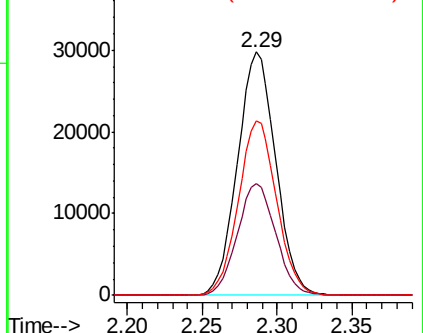
151 71.6 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.342 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

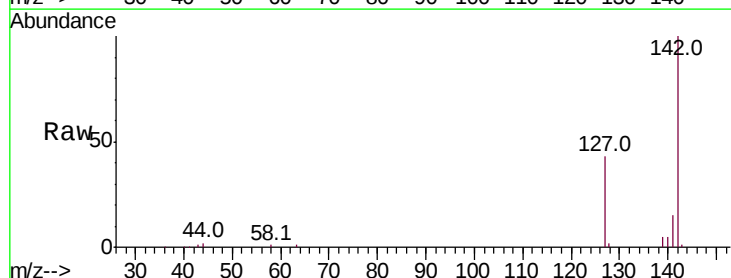
Tgt Ion:142 Resp: 44576

Ion Ratio Lower Upper

142 100

127 42.6 33.5 50.3

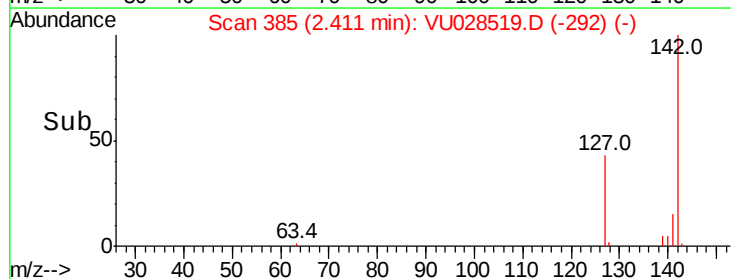
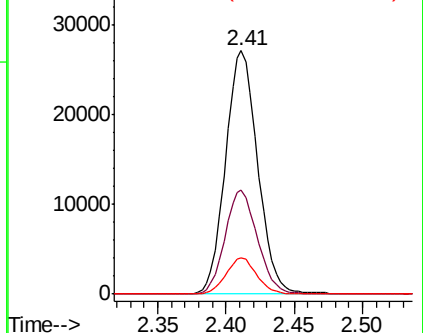
141 14.1 11.2 16.8

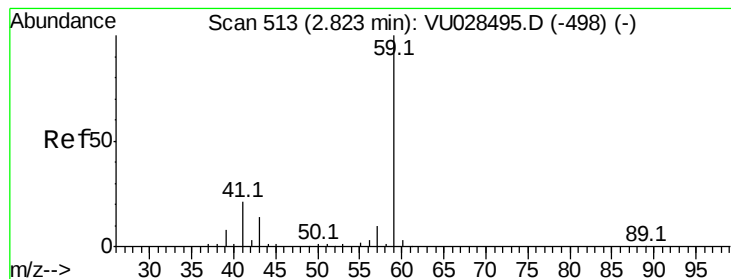


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



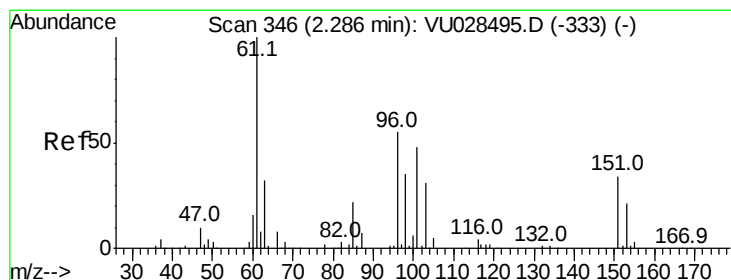
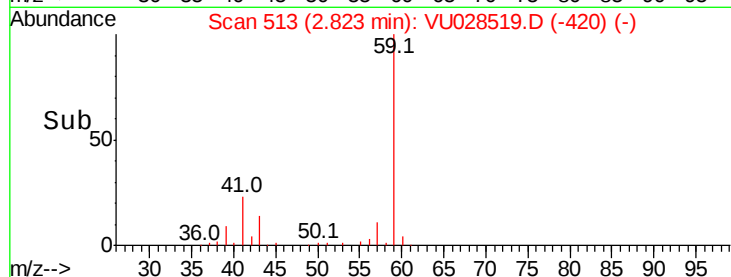
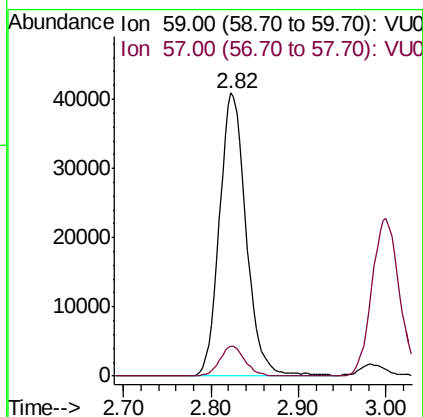
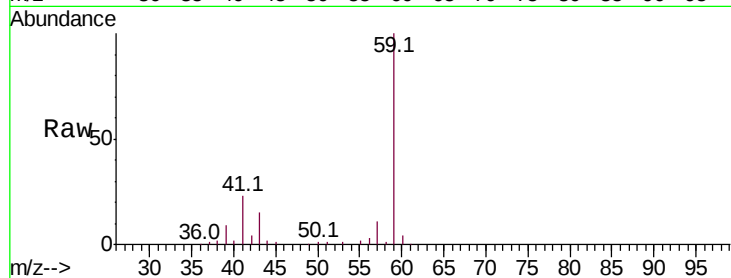


#11

Tert butyl alcohol  
 Concen: 268.189 ug/l  
 RT: 2.82 min Scan# 513  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

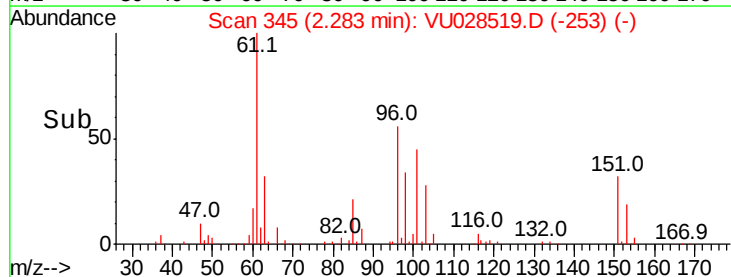
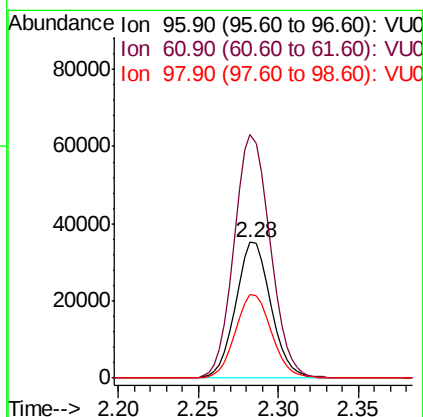
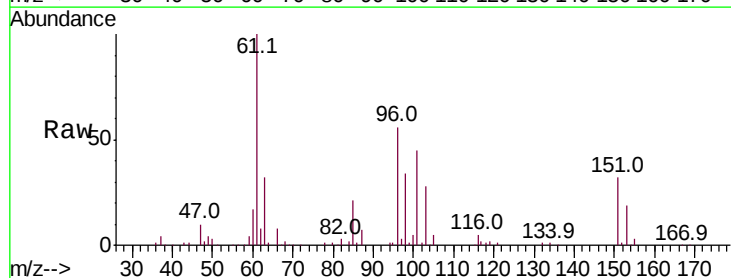
Tot Ion: 59 Resp: 86786  
 Ion Ratio Lower Upper  
 59 100  
 57 10.0 8.0 12.0

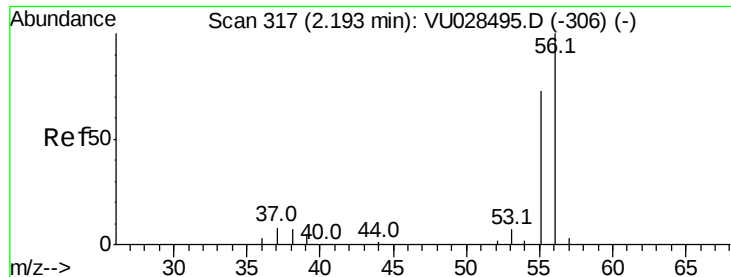


#12

1,1-Dichloroethene  
 Concen: 49.683 ug/l  
 RT: 2.28 min Scan# 346  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion: 96 Resp: 52648  
 Ion Ratio Lower Upper  
 96 100  
 61 179.2 146.4 219.6  
 98 61.4 51.8 77.8





#13

Acrolein

Concen: 242.539 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

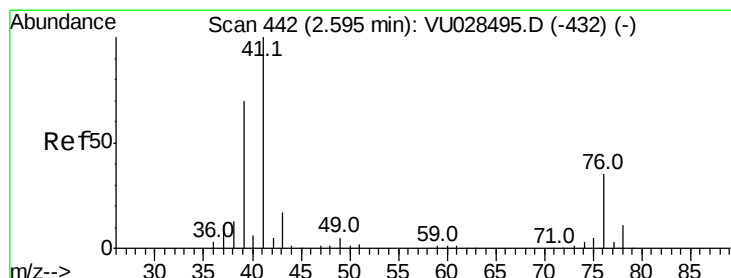
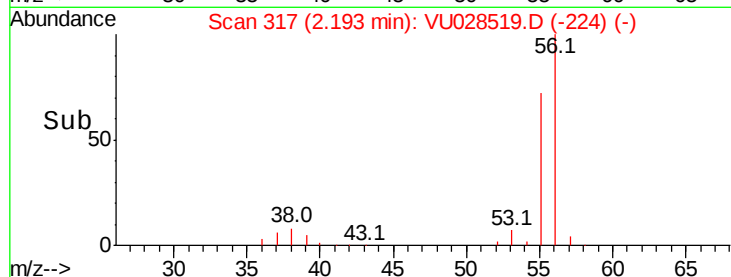
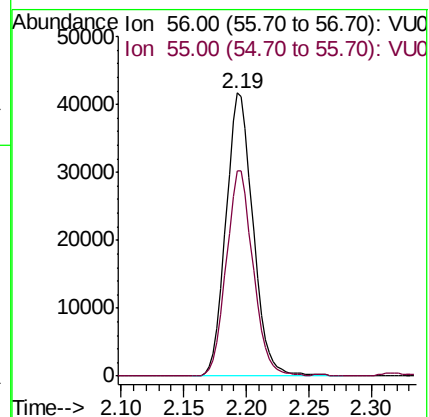
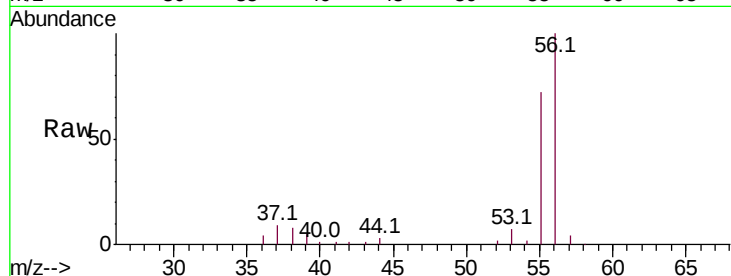
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 56 Resp: 62568

Ion Ratio Lower Upper

56 100

55 71.9 57.5 86.3



#14

Allyl chloride

Concen: 48.230 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

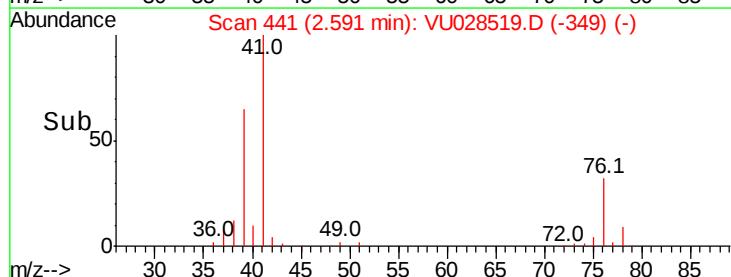
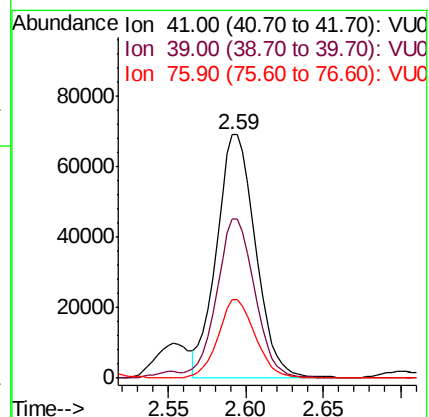
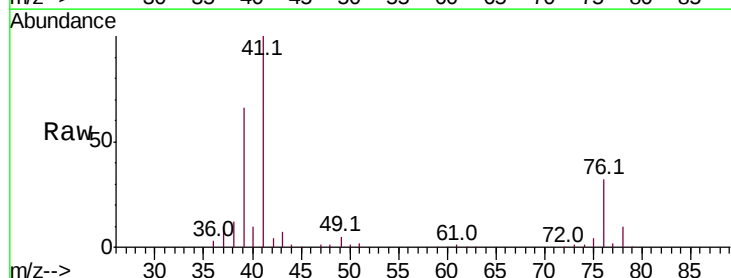
Tgt Ion: 41 Resp: 120906

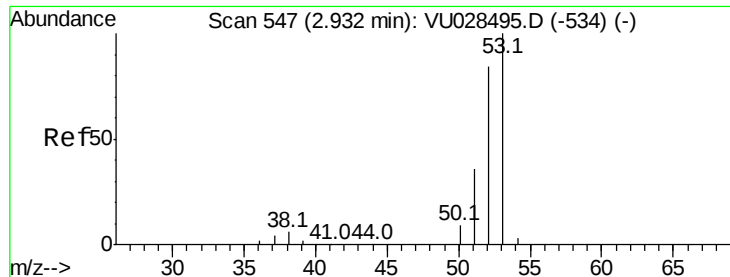
Ion Ratio Lower Upper

41 100

39 64.7 50.8 76.2

76 30.9 24.8 37.2





#15

Acrylonitrile

Concen: 262.025 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

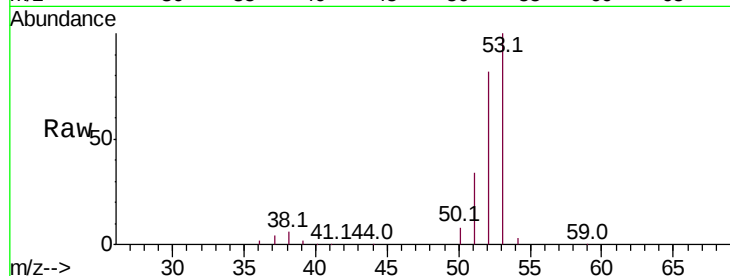
Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 53 Resp: 235407

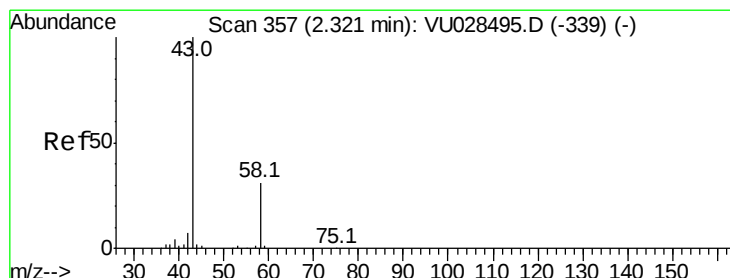
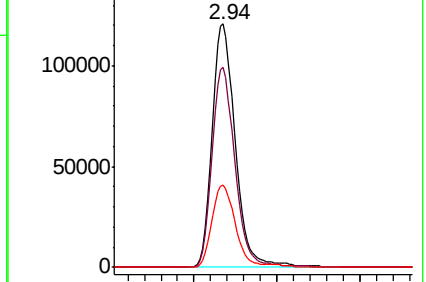
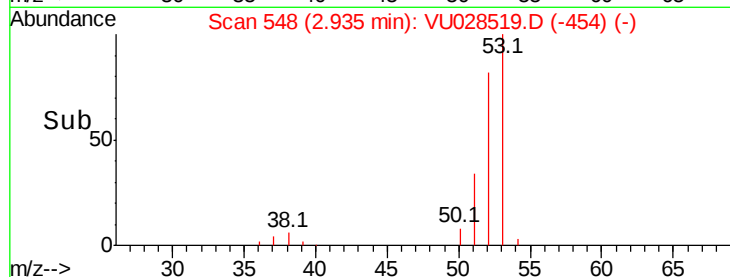
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.5  | 66.1  | 99.1  |
| 51  | 34.9  | 28.1  | 42.1  |



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 202.429 ug/l

RT: 2.32 min Scan# 357

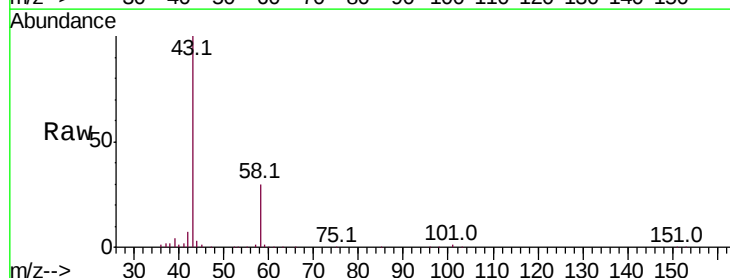
Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

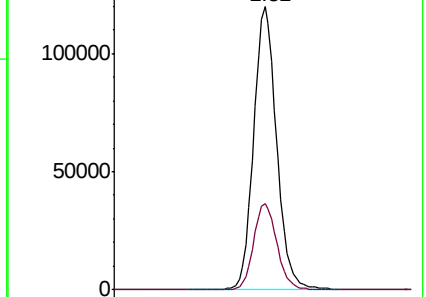
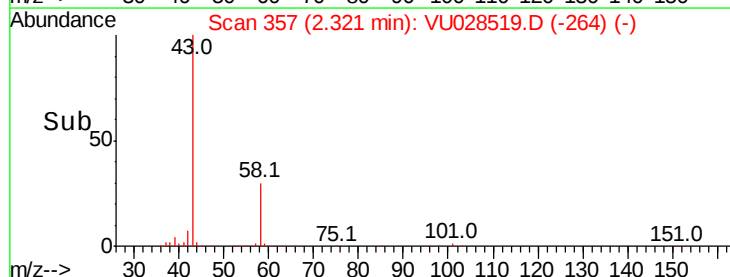
Tgt Ion: 43 Resp: 191860

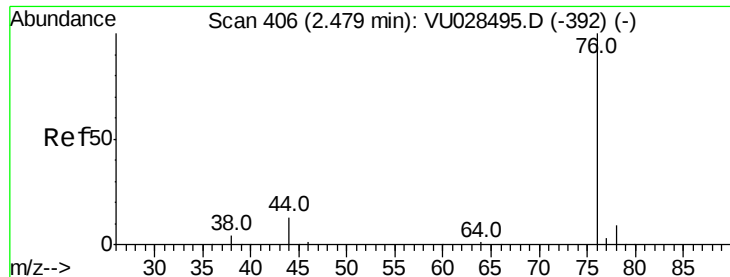
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.3  | 24.6  | 37.0  |



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

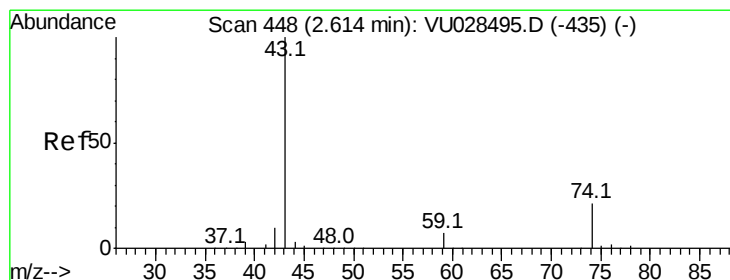
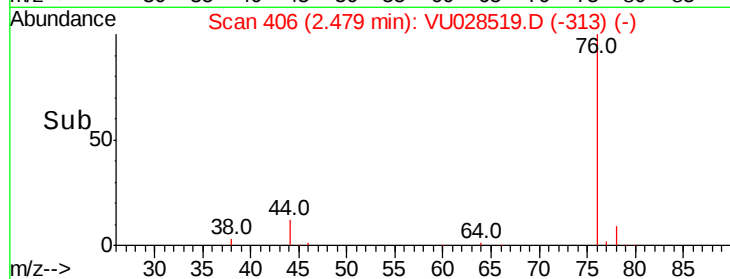
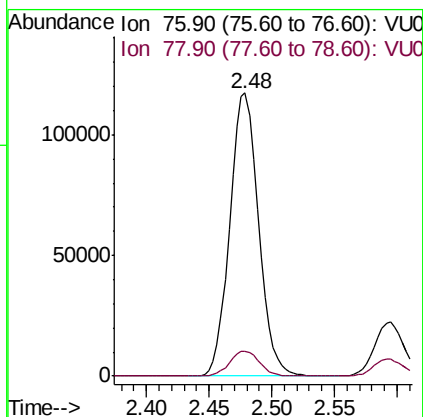
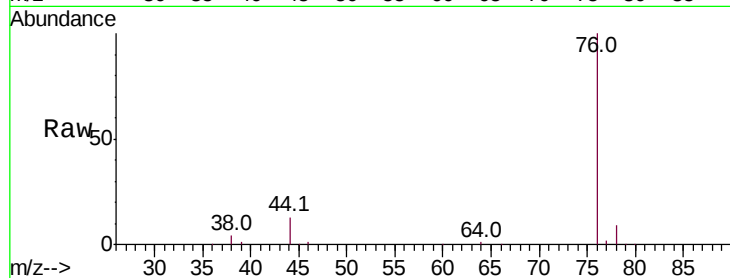




#17  
Carbon Disulfide  
Concen: 48.992 ug/l  
RT: 2.48 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

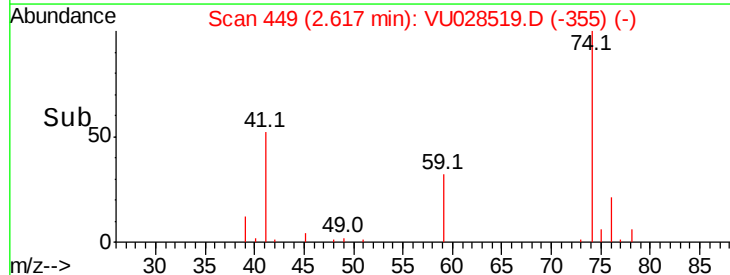
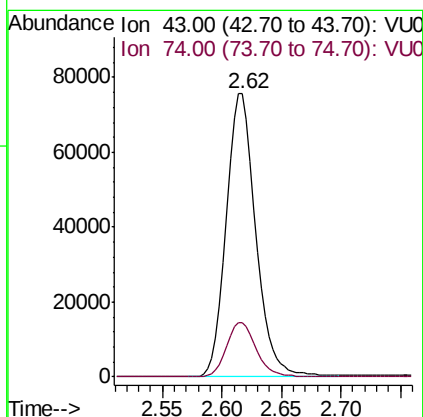
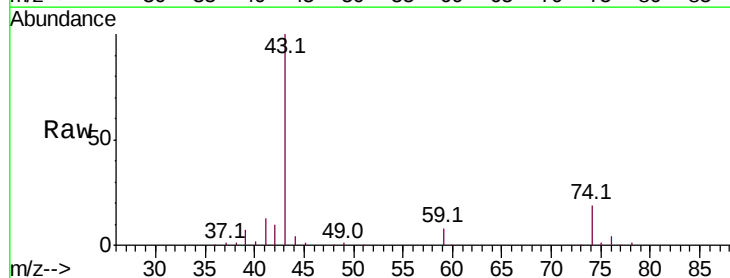
Instrument :  
MSVOA\_U  
ClientSampled :

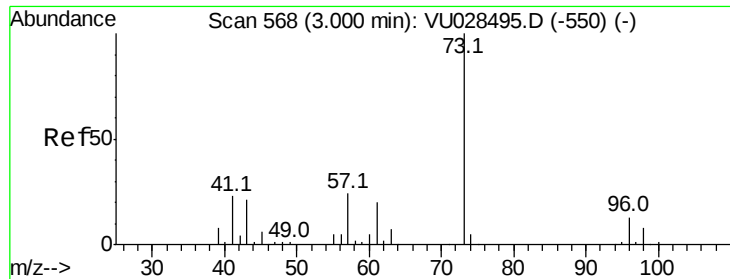
Tot Ion: 76 Resp: 187026  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 53.183 ug/l  
RT: 2.62 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 43 Resp: 130666  
Ion Ratio Lower Upper  
43 100  
74 19.3 16.4 24.6

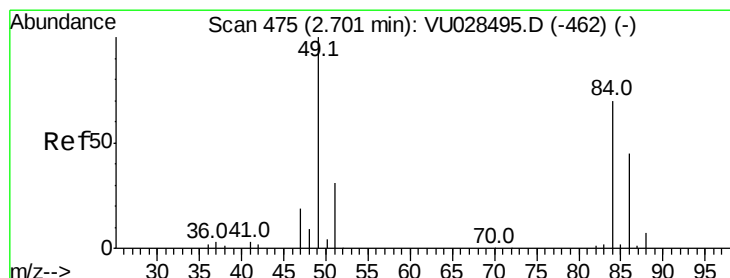
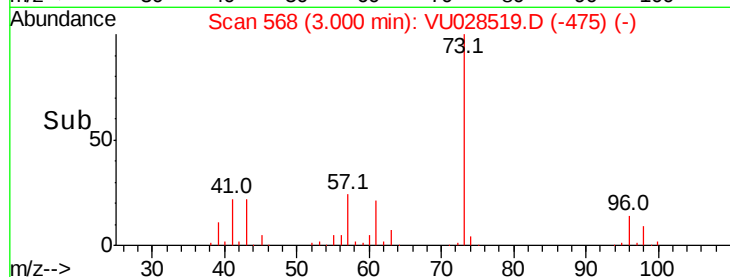
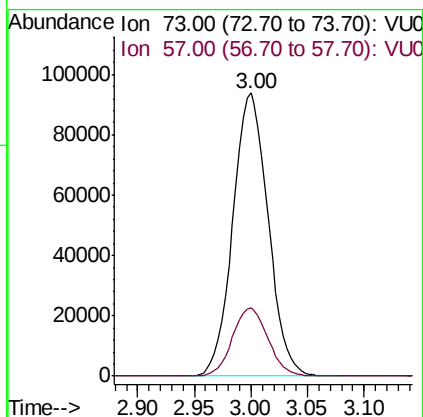
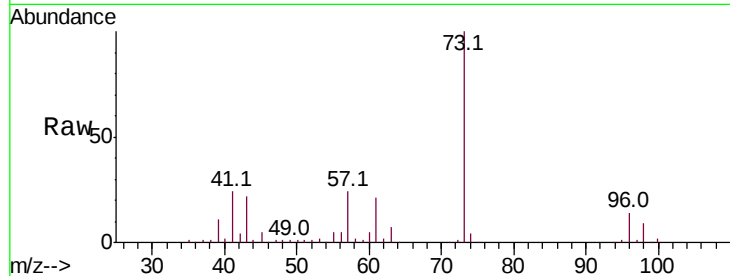




#19  
Methyl tert-butyl Ether  
Concen: 50.703 ug/l  
RT: 3.00 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

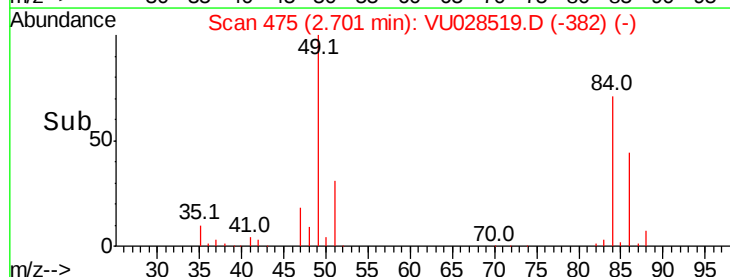
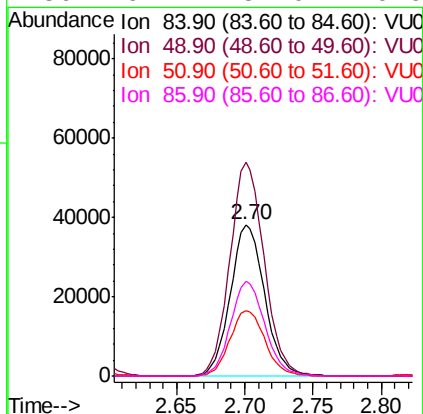
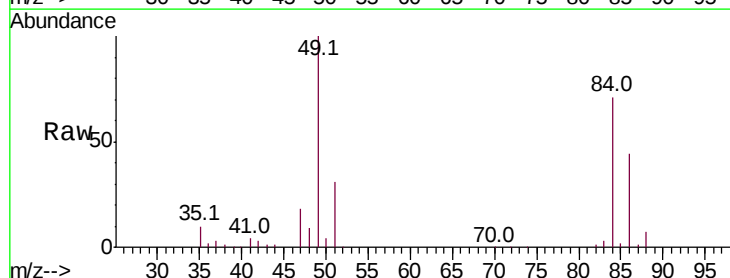
Instrument :  
MSVOA\_U  
ClientSampleId :

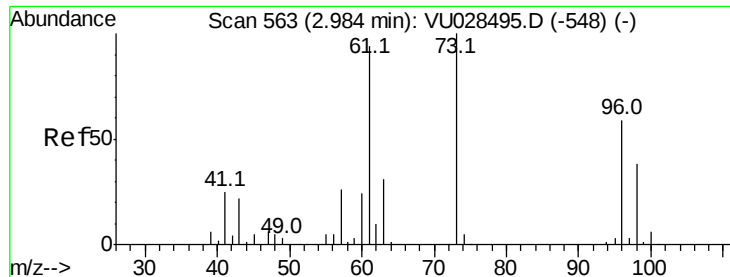
Tot Ion: 73 Resp: 203678  
Ion Ratio Lower Upper  
73 100  
57 24.3 19.4 29.2



#20  
Methylene Chloride  
Concen: 47.605 ug/l  
RT: 2.70 min Scan# 475  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 84 Resp: 66513  
Ion Ratio Lower Upper  
84 100  
49 141.3 114.0 171.0  
51 43.3 35.1 52.7  
86 62.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.551 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

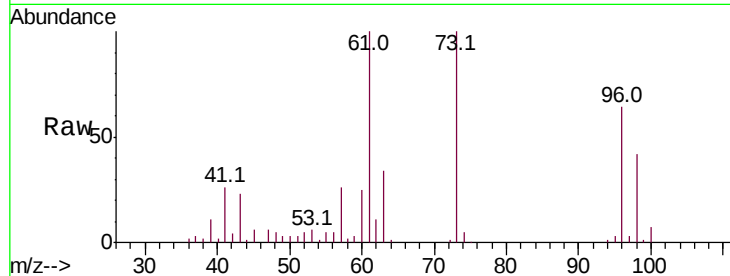
Tot Ion: 96 Resp: 59119

Ion Ratio Lower Upper

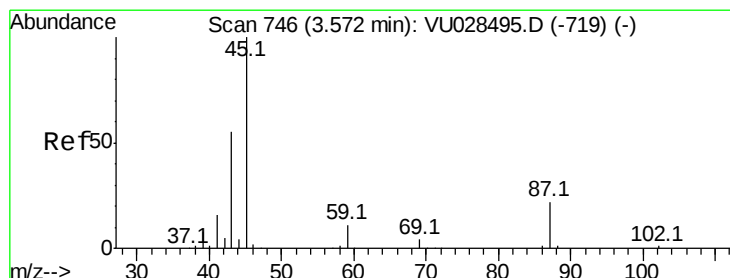
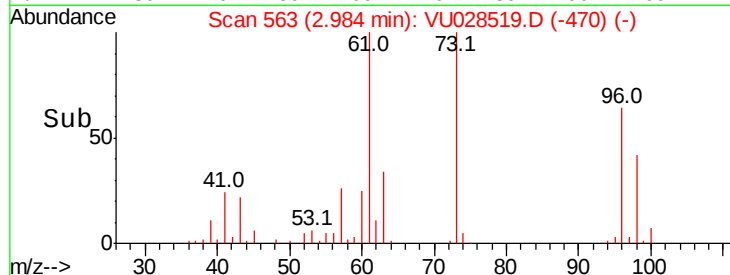
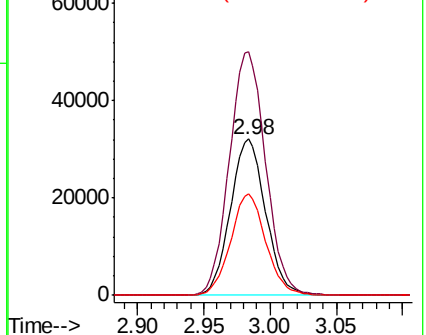
96 100

61 155.6 127.0 190.4

98 65.1 51.9 77.9



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



#22

Diisopropyl ether

Concen: 52.098 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Tgt Ion: 45 Resp: 253976

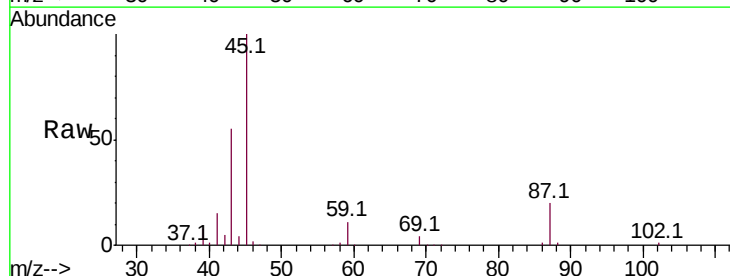
Ion Ratio Lower Upper

45 100

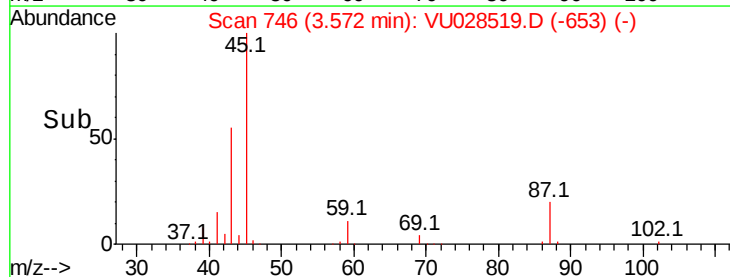
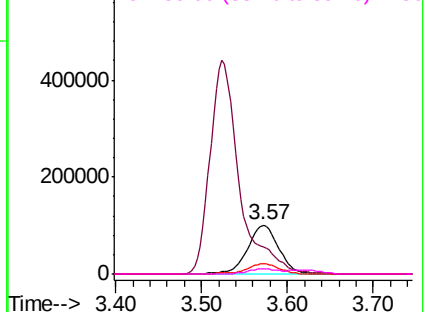
43 54.2 45.3 67.9

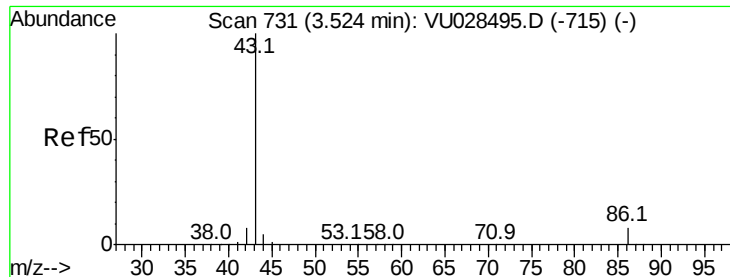
87 20.5 17.6 26.4

59 11.0 8.8 13.2



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





#23

Vinyl Acetate

Concen: 263.037 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

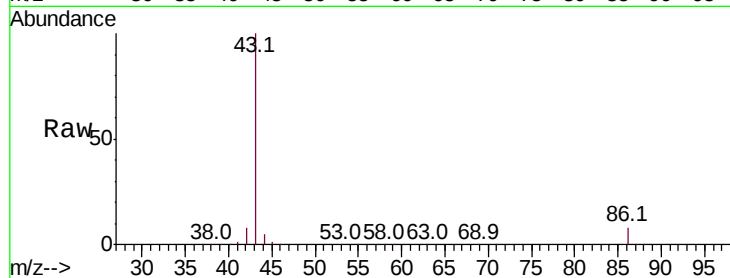
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 43 Resp: 1057688

Ion Ratio Lower Upper

43 100

86 8.2 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

400000

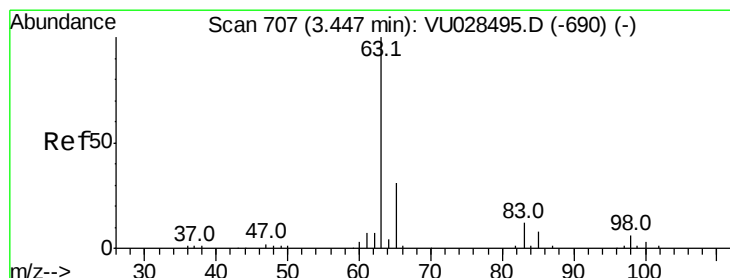
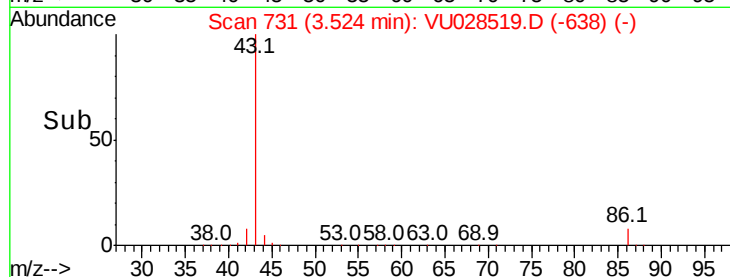
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.803 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

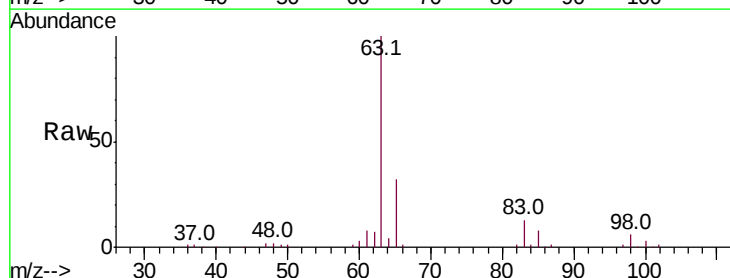
Tgt Ion: 63 Resp: 127089

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.4 1.7 5.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

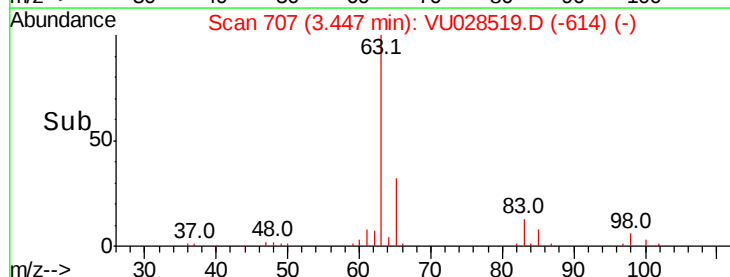
60000

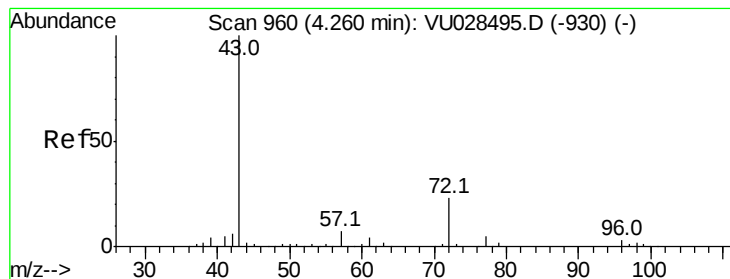
40000

20000

0

Time-->





#25

2-Butanone

Concen: 246.759 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

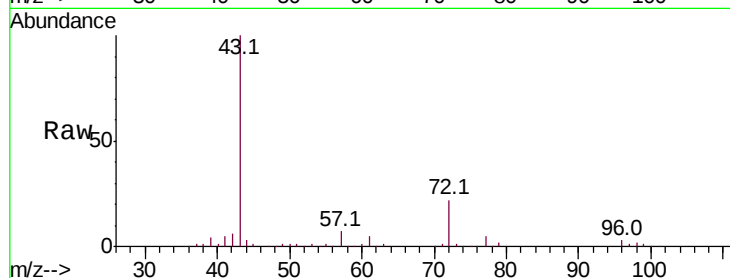
ClientSampleId :

Tot Ion: 43 Resp: 319614

Ion Ratio Lower Upper

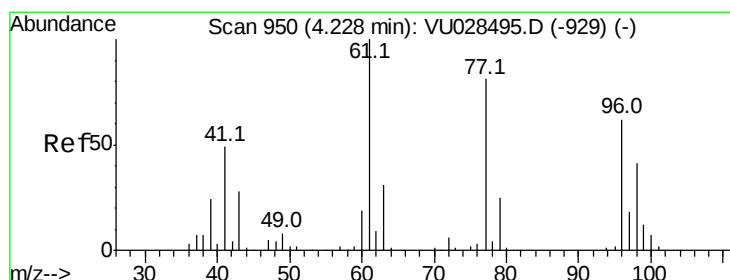
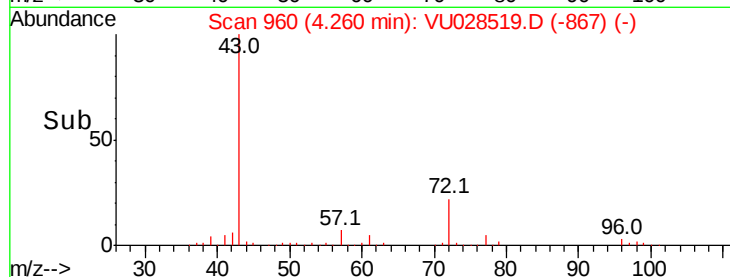
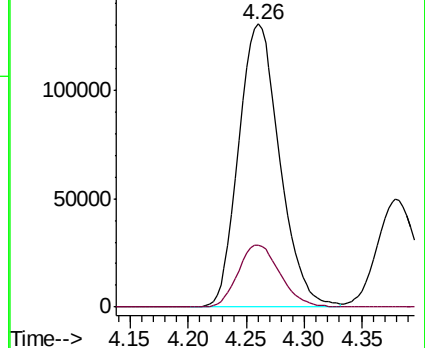
43 100

72 22.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU028519.D (-867) (-)

Ion 72.00 (71.70 to 72.70): VU028519.D (-867) (-)



#26

2,2-Dichloropropane

Concen: 46.260 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028519.D

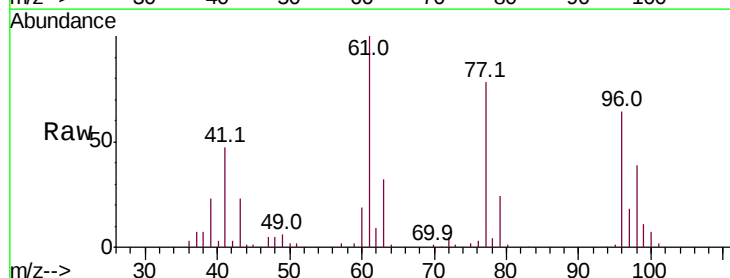
Acq: 06 Dec 2018 22:23

Tgt Ion: 77 Resp: 93536

Ion Ratio Lower Upper

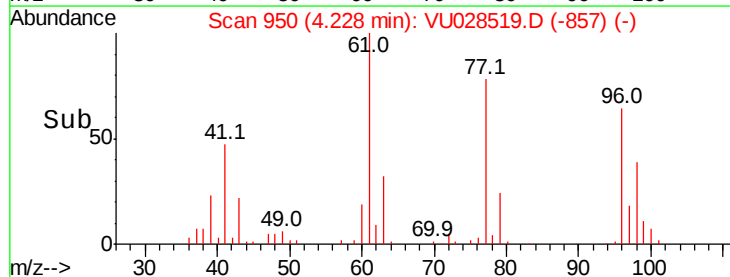
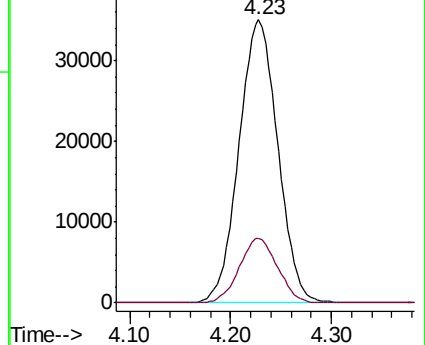
77 100

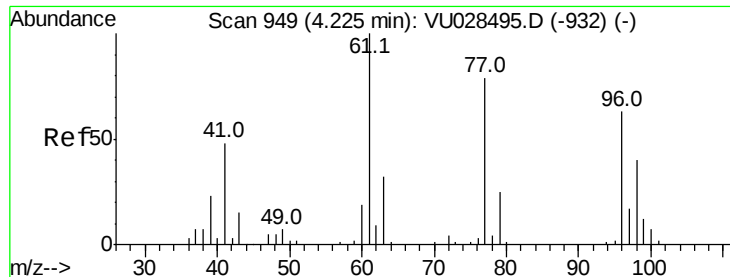
97 22.4 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VU028519.D (-857) (-)

Ion 96.90 (96.60 to 97.60): VU028519.D (-857) (-)



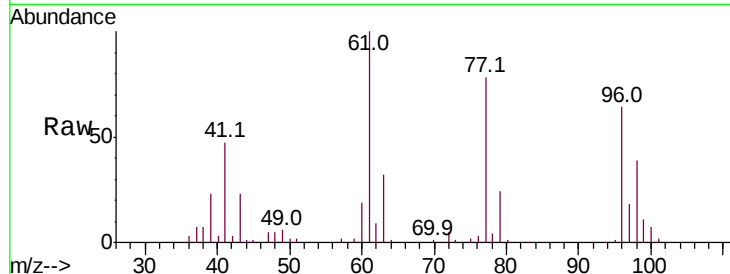


#27

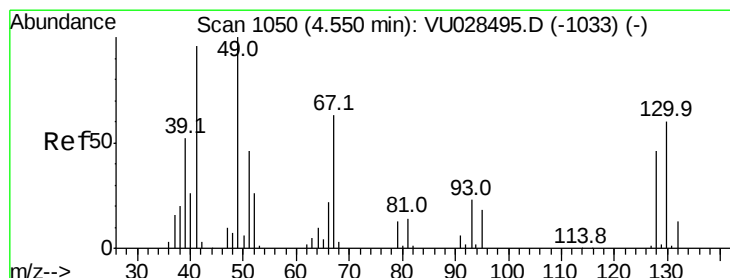
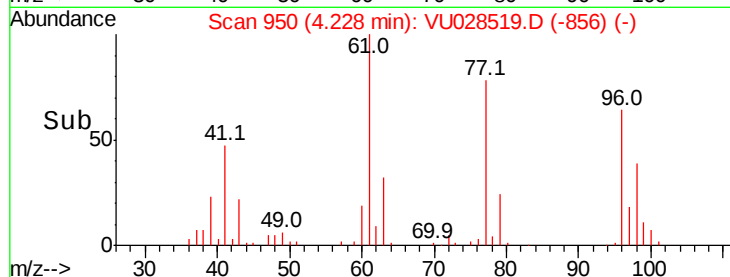
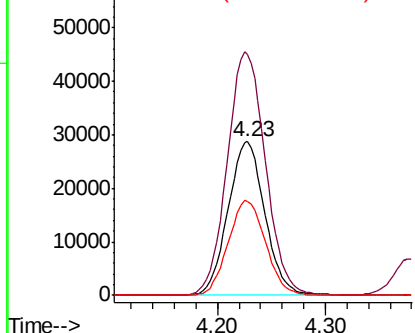
cis-1,2-Dichloroethene  
Concen: 50.468 ug/l  
RT: 4.23 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 96 Resp: 68153  
Ion Ratio Lower Upper  
96 100  
61 164.9 0.0 332.4  
98 62.8 0.0 129.0



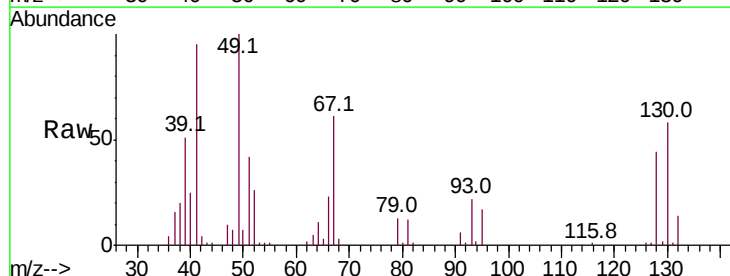
Abundance Ion 95.90 (95.60 to 96.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0



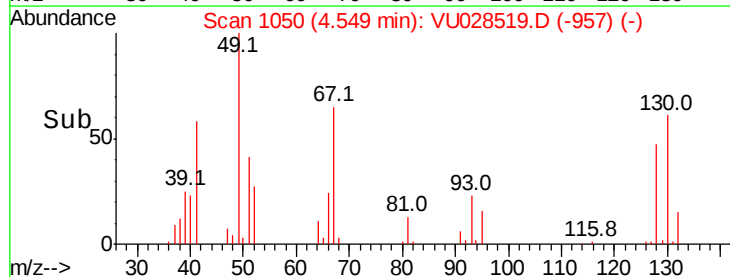
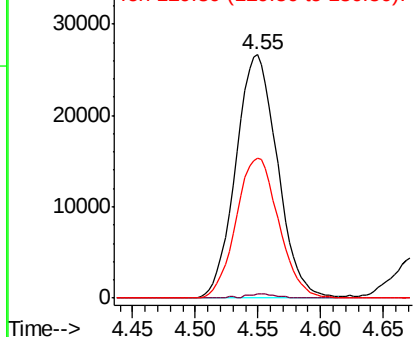
#28

Bromochloromethane  
Concen: 53.246 ug/l  
RT: 4.55 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 49 Resp: 61769  
Ion Ratio Lower Upper  
49 100  
129 1.1 0.0 3.0  
130 58.6 47.8 71.8



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





#29

Tetrahydrofuran

Concen: 265.299 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampleId :

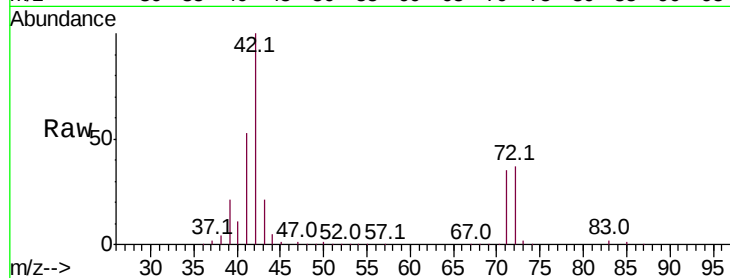
Tot Ion: 42 Resp: 220691

Ion Ratio Lower Upper

42 100

72 37.7 31.4 47.0

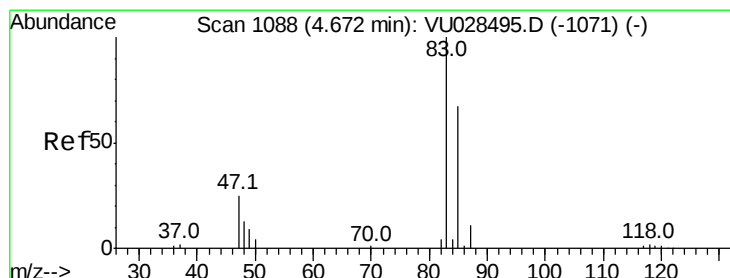
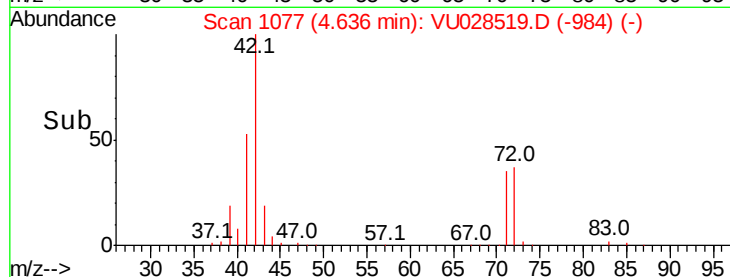
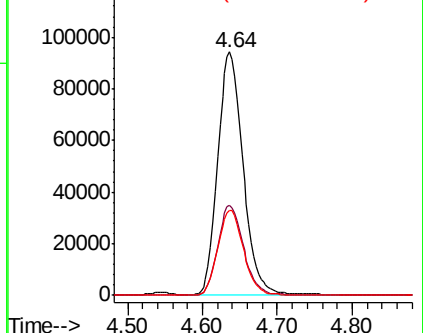
71 35.7 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 50.880 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU028519.D

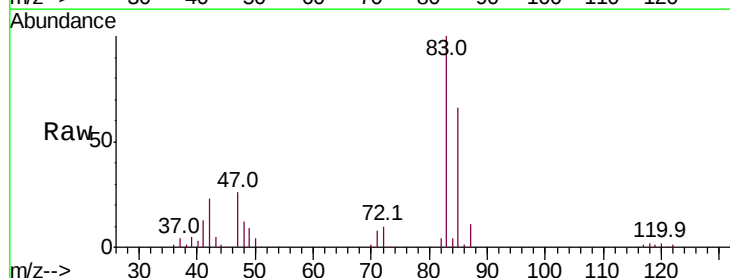
Acq: 06 Dec 2018 22:23

Tgt Ion: 83 Resp: 113161

Ion Ratio Lower Upper

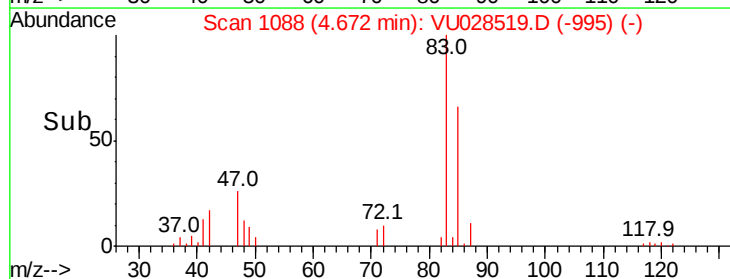
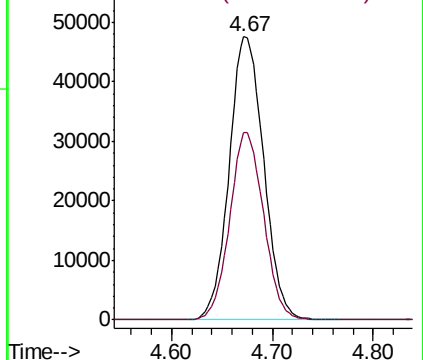
83 100

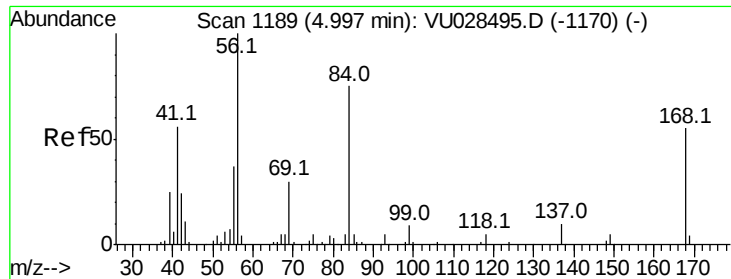
85 66.3 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

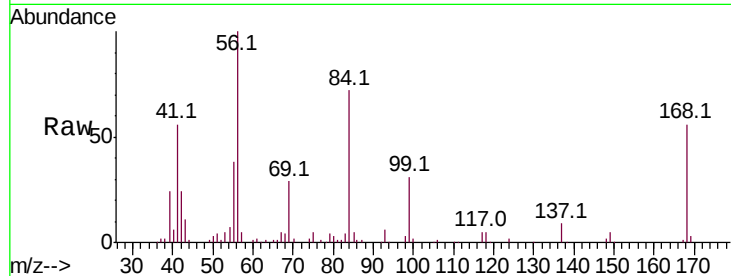




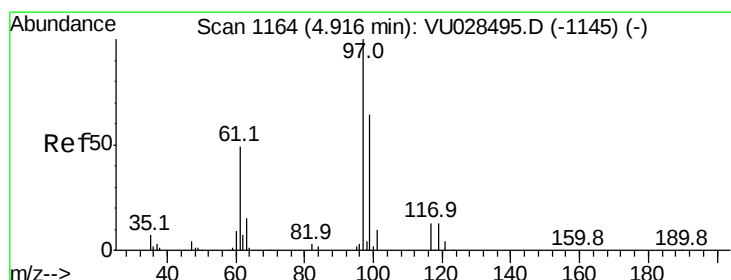
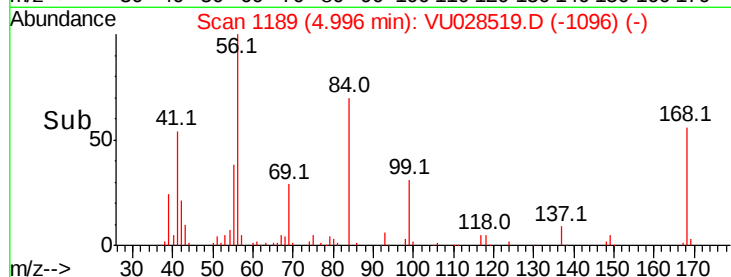
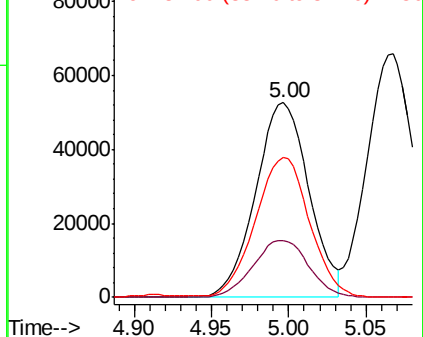
#31  
Cyclohexane  
Concen: 50.811 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 56 Resp: 126482  
Ion Ratio Lower Upper  
56 100  
69 29.0 24.0 36.0  
84 71.2 59.7 89.5

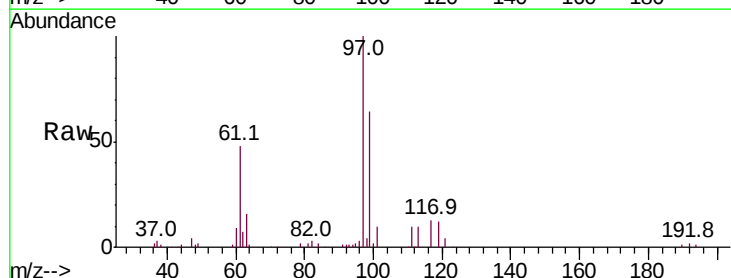


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

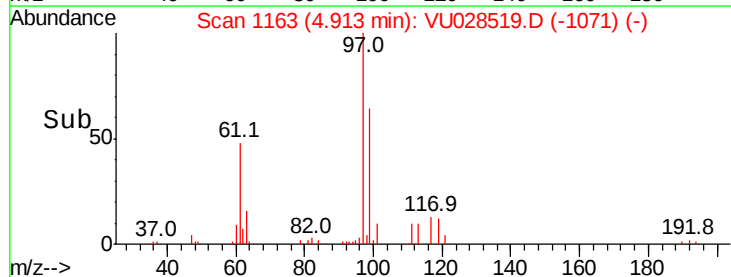
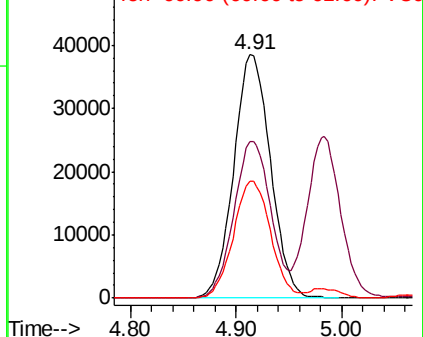


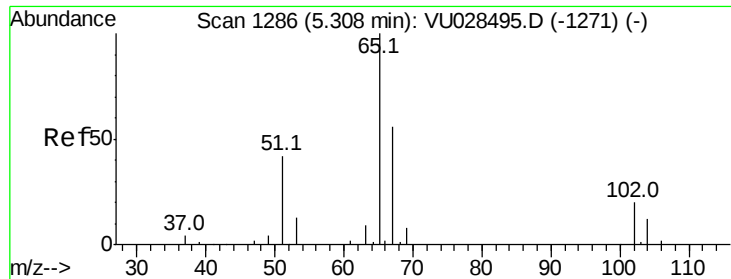
#32  
1,1,1-Trichloroethane  
Concen: 50.441 ug/l  
RT: 4.91 min Scan# 1163  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 97 Resp: 93174  
Ion Ratio Lower Upper  
97 100  
99 65.2 52.3 78.5  
61 48.6 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VU0  
Ion 98.90 (98.60 to 99.60): VU0  
Ion 60.90 (60.60 to 61.60): VU0

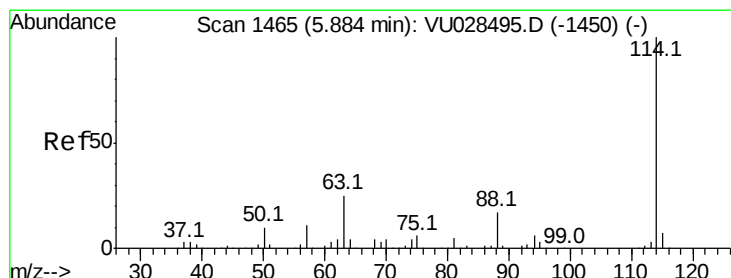
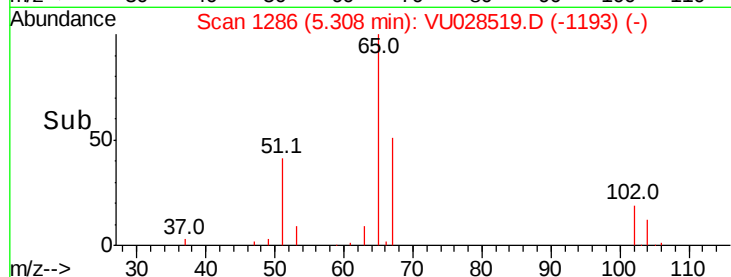
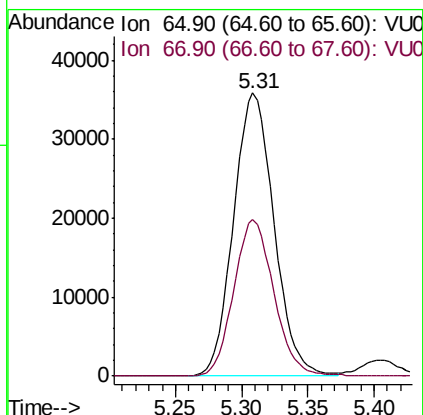
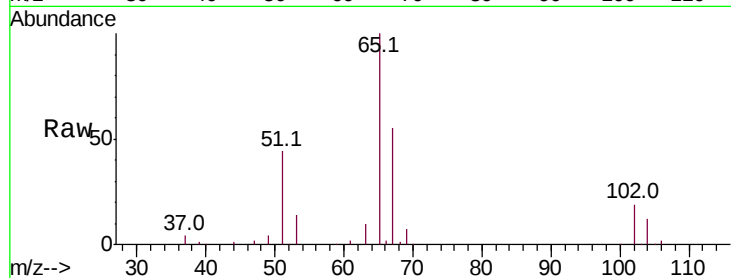




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.495 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

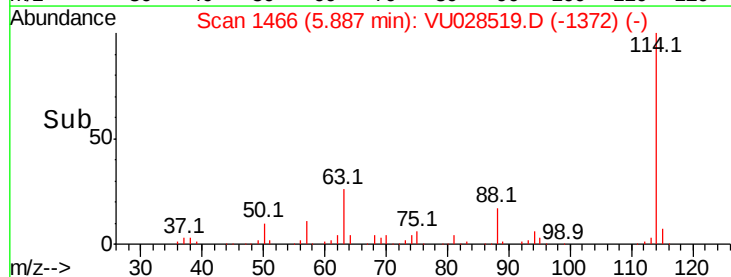
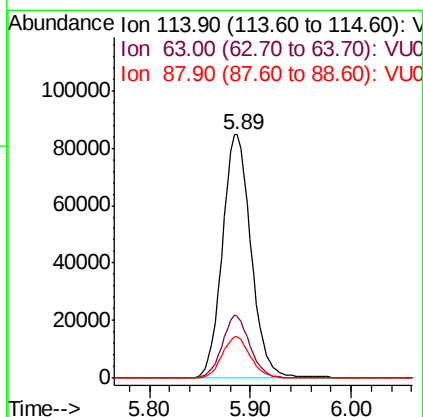
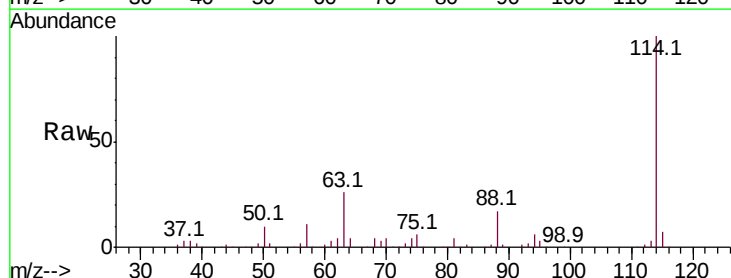
Instrument :  
 MSVOA\_U  
 ClientSampleId :

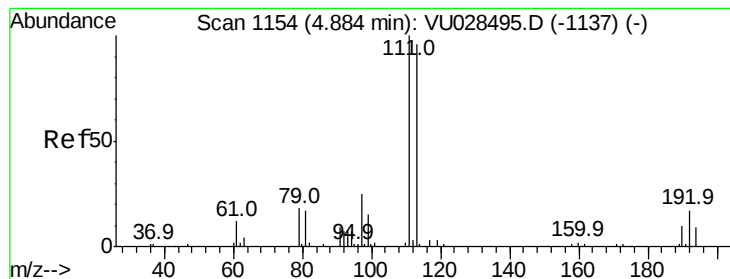
Tot Ion: 65 Resp: 76246  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion:114 Resp: 168411  
 Ion Ratio Lower Upper  
 114 100  
 63 25.6 0.0 49.2  
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.545 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

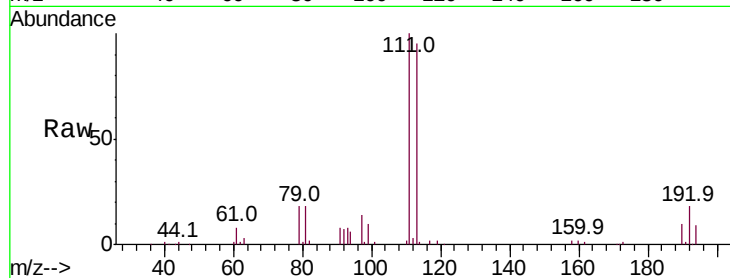
Tot Ion:113 Resp: 54629

Ion Ratio Lower Upper

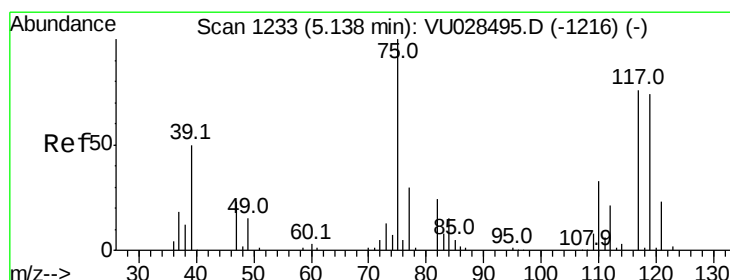
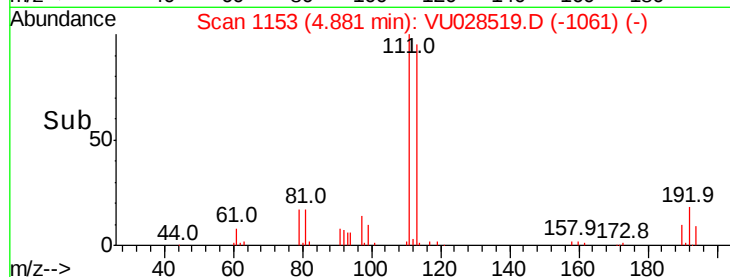
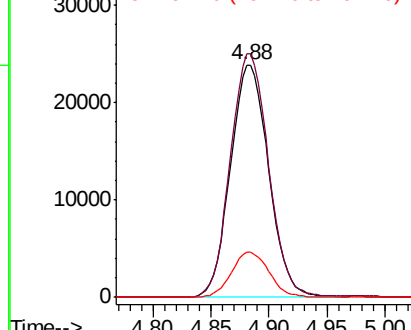
113 100

111 104.6 83.4 125.0

192 18.9 14.8 22.2



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



#36

1,1-Dichloropropene

Concen: 48.456 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

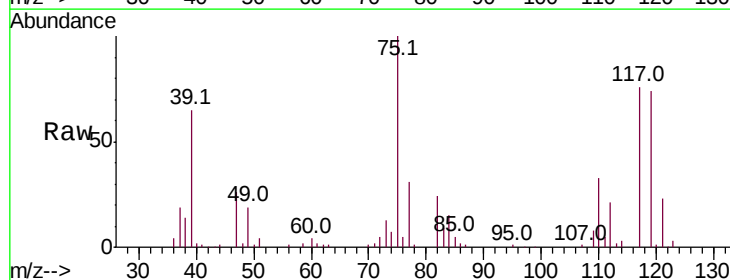
Tgt Ion: 75 Resp: 89300

Ion Ratio Lower Upper

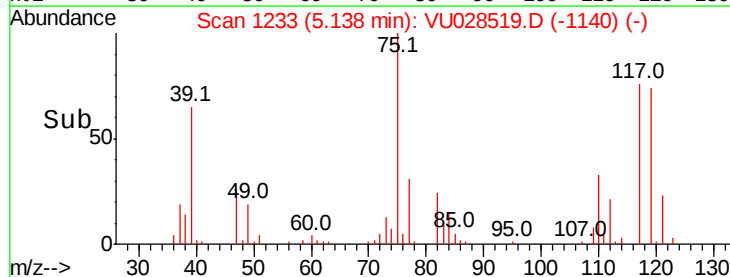
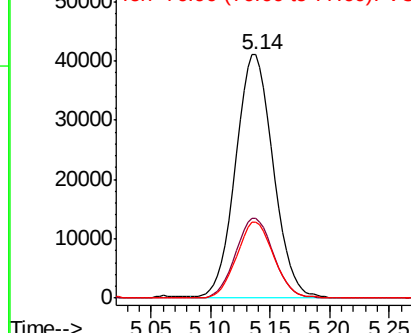
75 100

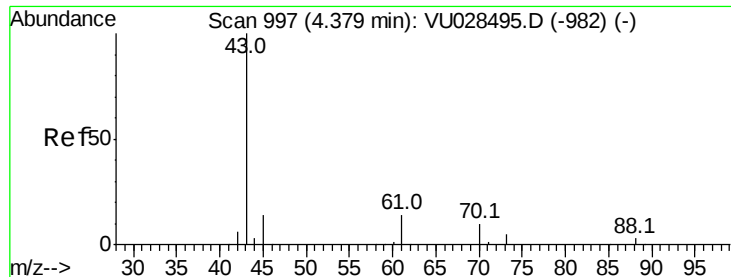
110 33.4 16.1 48.2

77 31.1 24.5 36.7



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

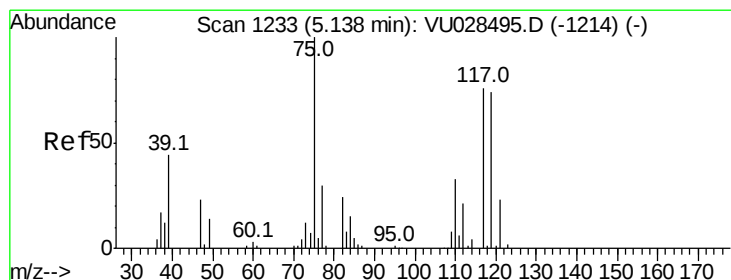
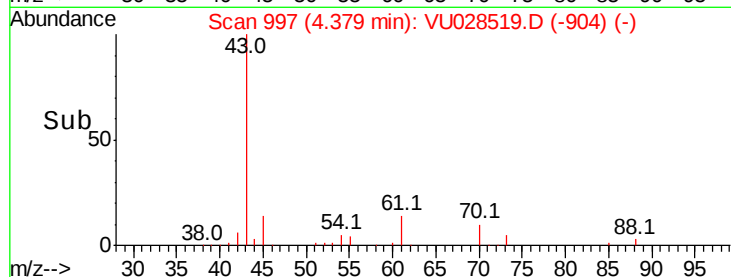
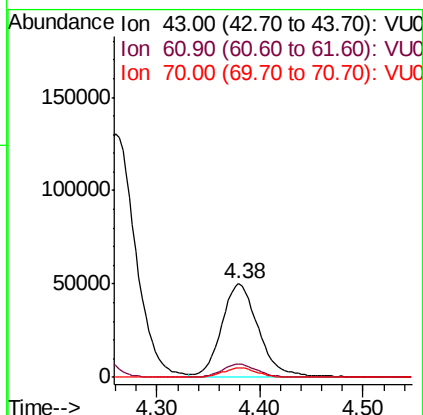
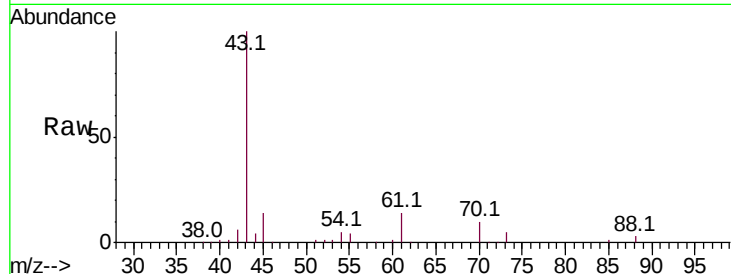




#37  
Ethyl Acetate  
Concen: 51.287 ug/l  
RT: 4.38 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

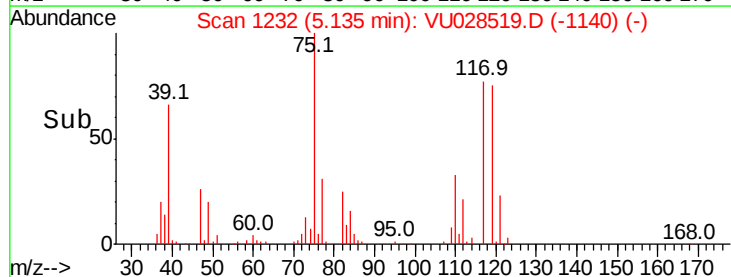
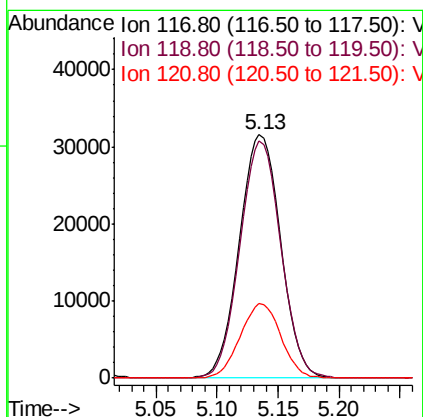
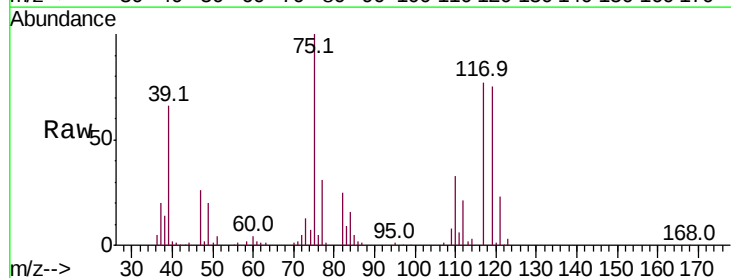
Instrument :  
MSVOA\_U  
ClientSampleId :

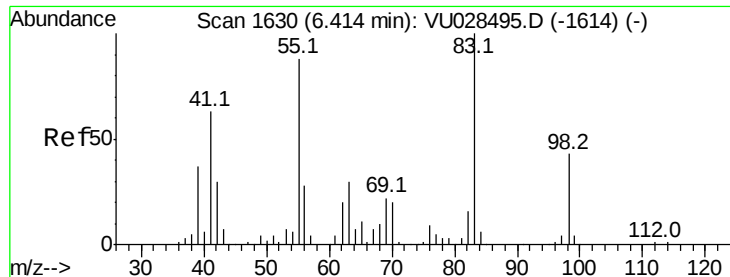
Tot Ion: 43 Resp: 122183  
Ion Ratio Lower Upper  
43 100  
61 13.8 11.0 16.4  
70 9.6 7.4 11.0



#38  
Carbon Tetrachloride  
Concen: 49.876 ug/l  
RT: 5.13 min Scan# 1232  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 117 Resp: 74084  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.6 116.4  
121 30.5 24.6 36.8

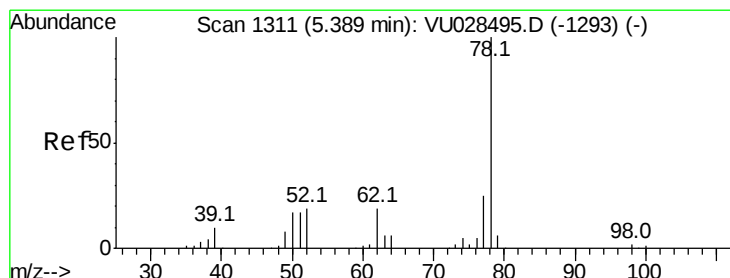
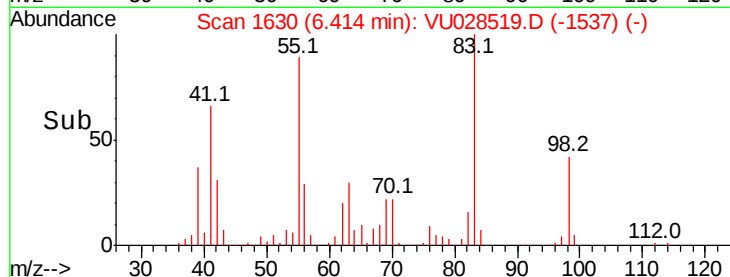
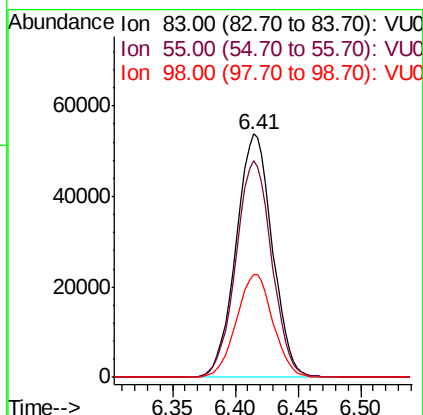
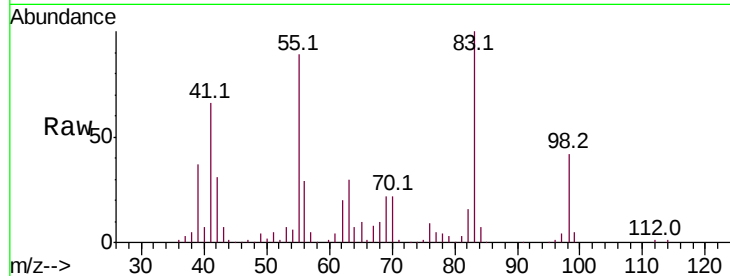




#39  
Methvlcvclohexane  
Concen: 48.135 ug/l  
RT: 6.41 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

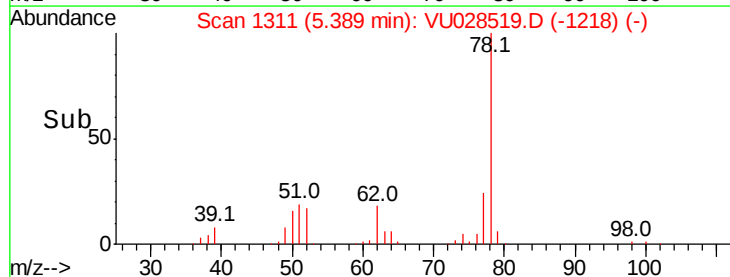
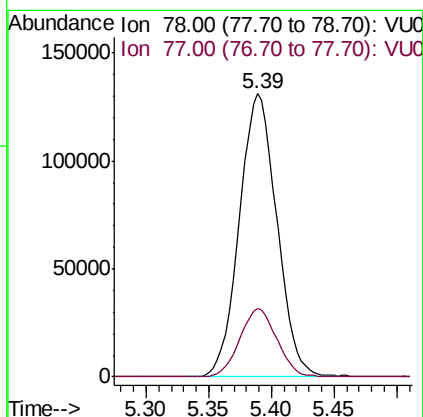
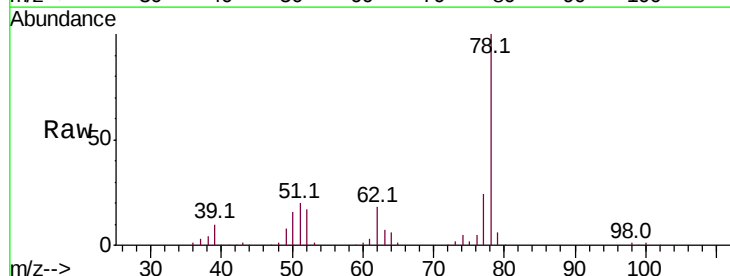
Instrument :  
MSVOA\_U  
ClientSampleId :

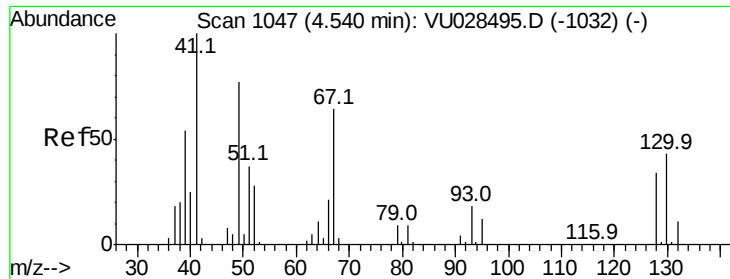
Tot Ion: 83 Resp: 108223  
Ion Ratio Lower Upper  
83 100  
55 88.8 70.2 105.2  
98 42.2 34.2 51.4



#40  
Benzene  
Concen: 50.296 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 78 Resp: 272993  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.9 29.9

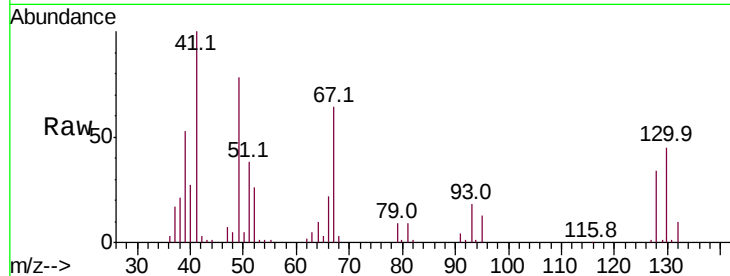




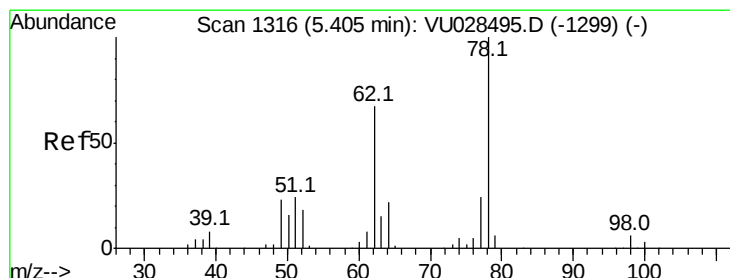
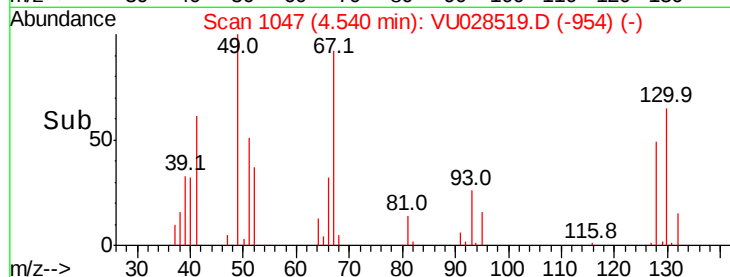
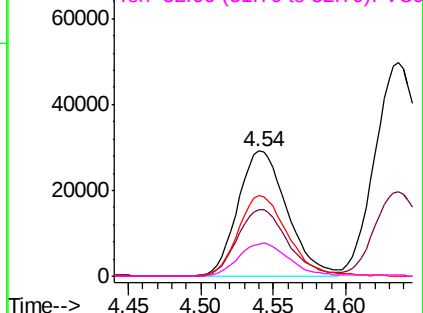
#41  
Methacrylonitrile  
Concen: 53.075 ug/l  
RT: 4.54 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 69245 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 43.3  | 64.9  |
| 67       | 64.7  | 53.6  | 80.4  |
| 52       | 27.4  | 22.1  | 33.1  |

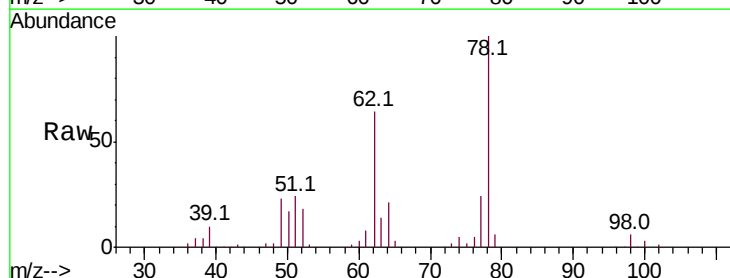


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

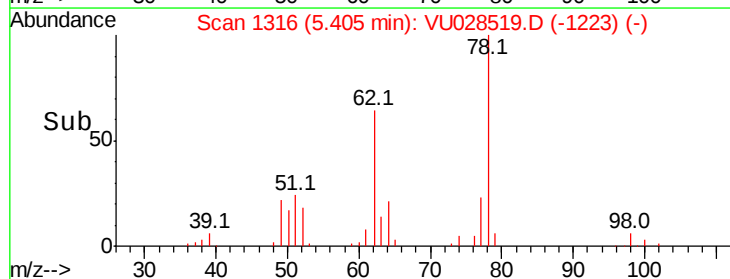
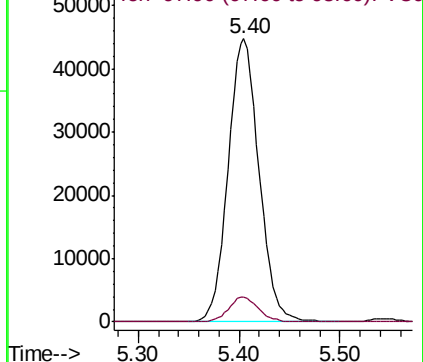


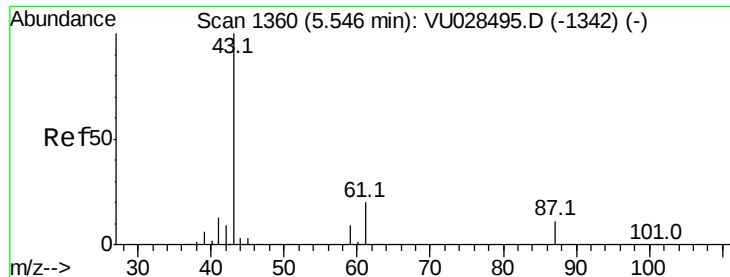
#42  
1,2-Dichloroethane  
Concen: 50.200 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 95376 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 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: 52.299 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

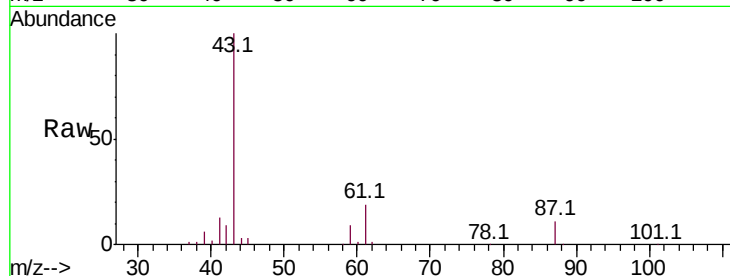
Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 43 Resp: 197067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 18.6  | 15.5  | 23.3  |
| 87  | 11.0  | 8.7   | 13.1  |

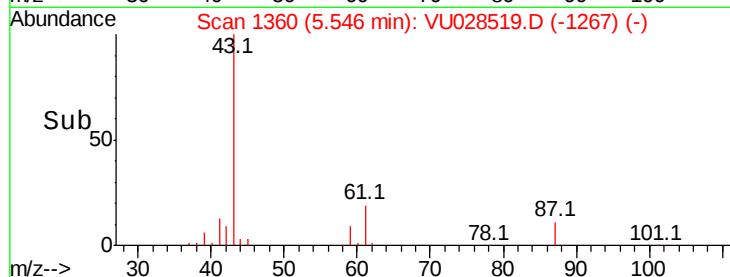


Abundance

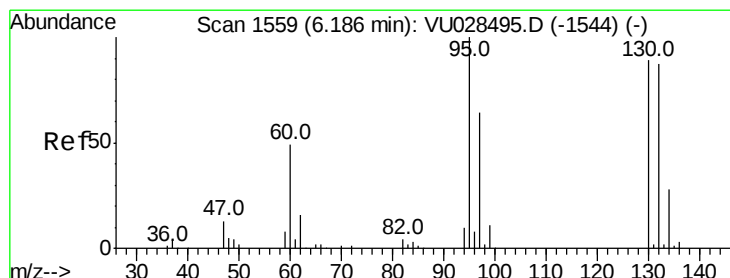
Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



Time--> 5.40 5.50 5.60 5.70



#44

Trichloroethene

Concen: 49.204 ug/l

RT: 6.19 min Scan# 1559

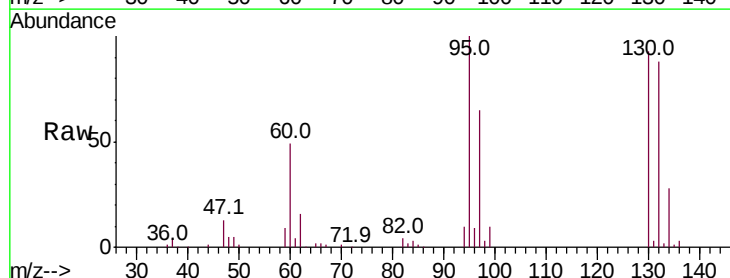
Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Tgt Ion:130 Resp: 59382

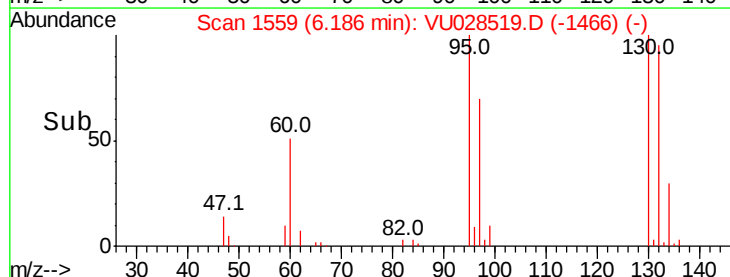
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 108.1 | 0.0   | 224.0 |



Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



Time--> 6.10 6.15 6.20 6.25



#45

1,2-Dichloropropane

Concen: 51.601 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

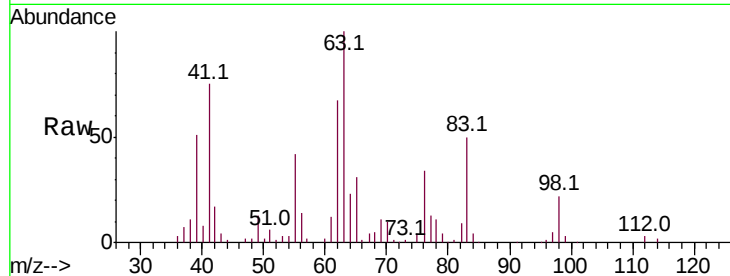
ClientSampled :

Tot Ion: 63 Resp: 78760

Ion Ratio Lower Upper

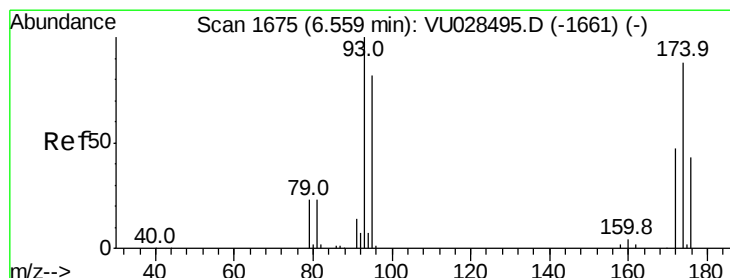
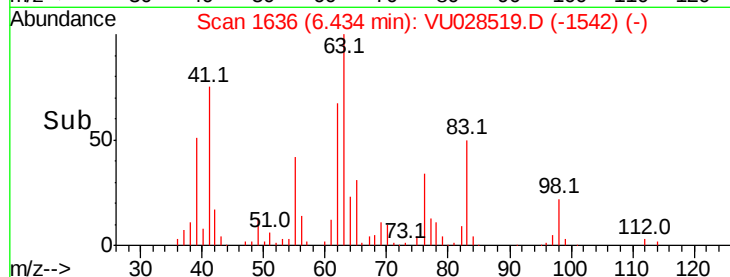
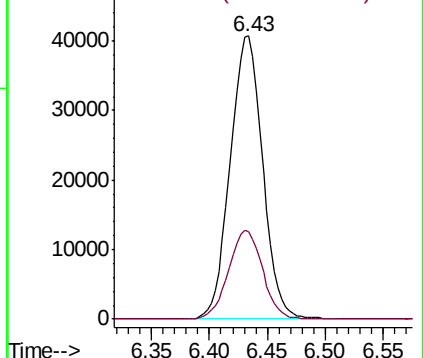
63 100

65 30.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.155 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

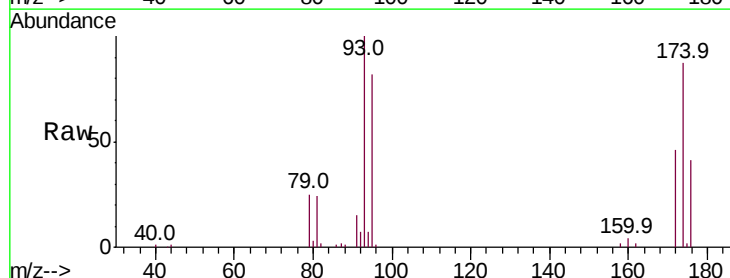
Tgt Ion: 93 Resp: 45421

Ion Ratio Lower Upper

93 100

95 83.7 65.4 98.2

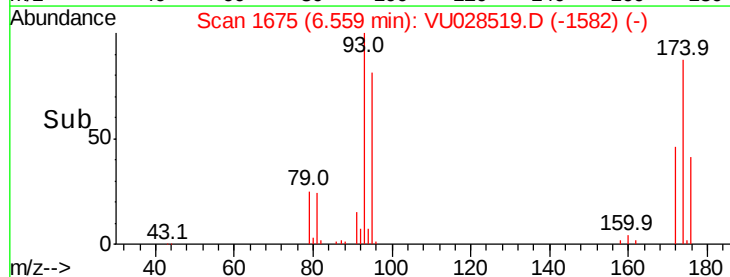
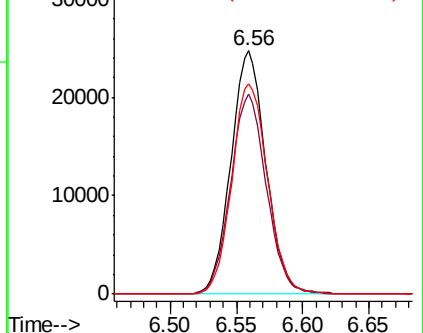
174 88.5 72.2 108.4

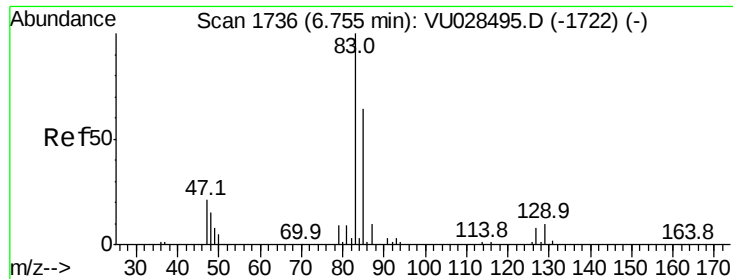


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.206 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

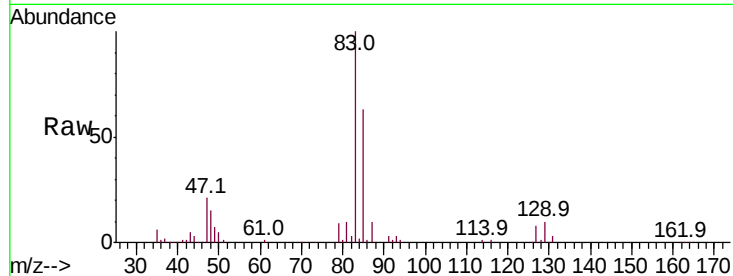
Tot Ion: 83 Resp: 88477

Ion Ratio Lower Upper

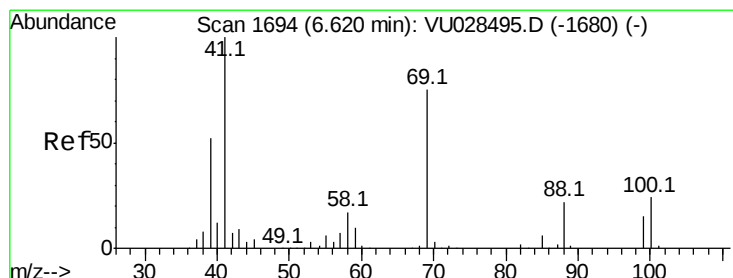
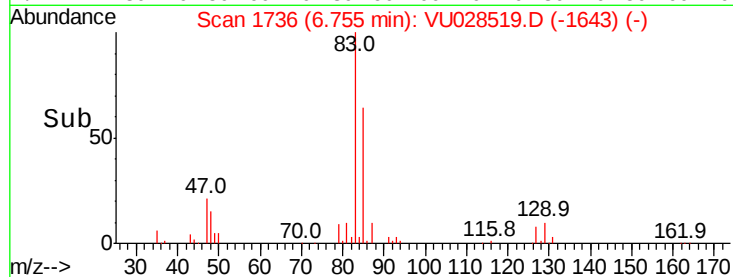
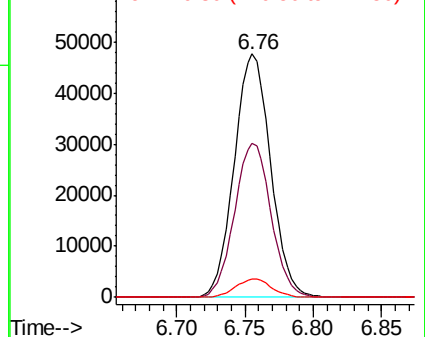
83 100

85 63.4 51.5 77.3

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: 53.184 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

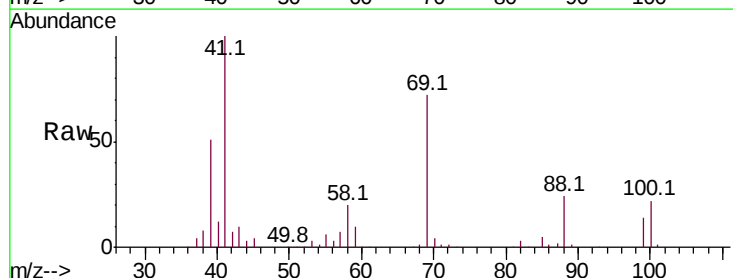
Tgt Ion: 41 Resp: 99662

Ion Ratio Lower Upper

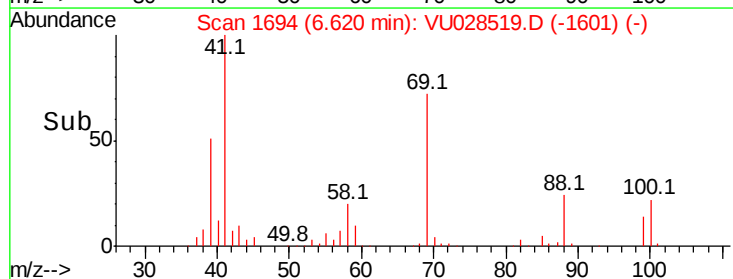
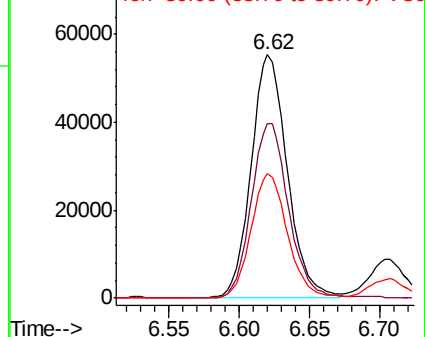
41 100

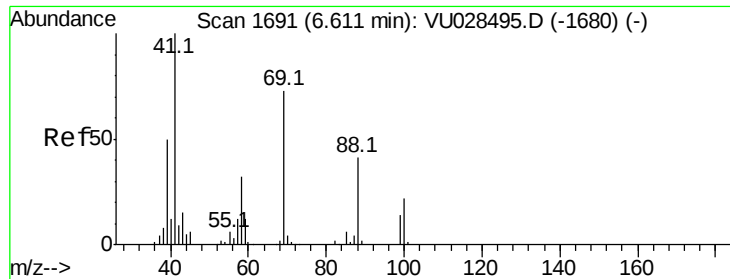
69 74.2 60.4 90.6

39 51.6 41.1 61.7



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

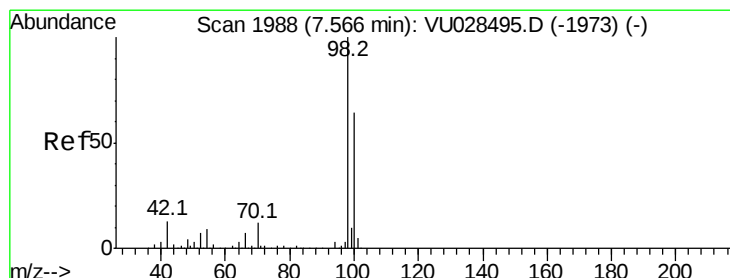
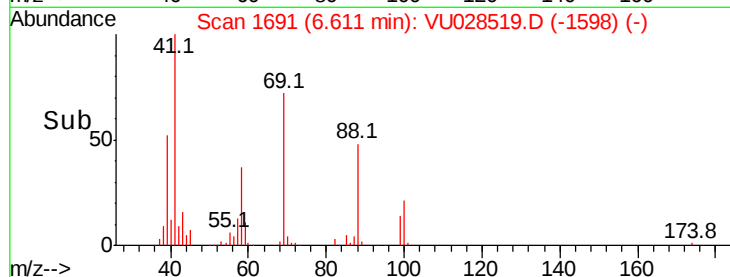
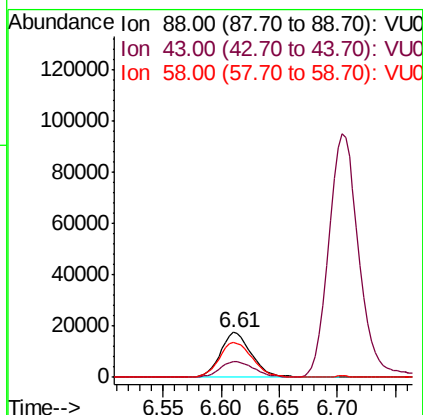
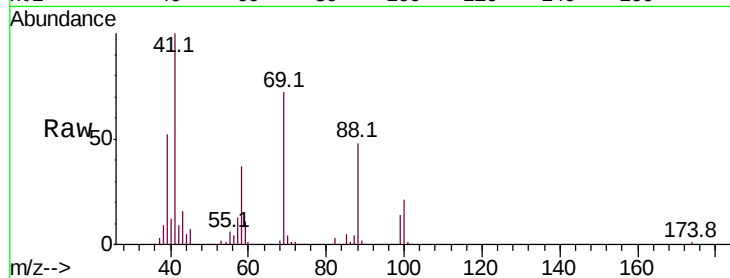




#49  
1,4-Dioxane  
Concen: 1110.679 ug/l  
RT: 6.61 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

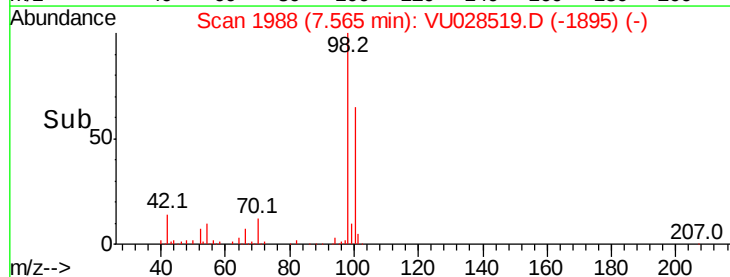
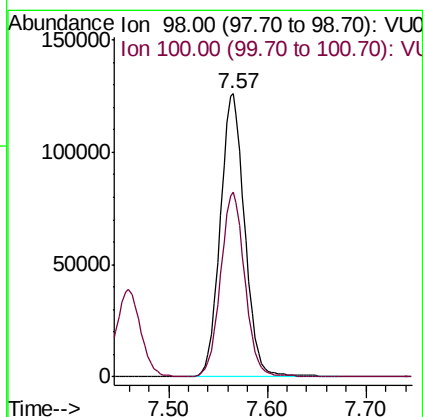
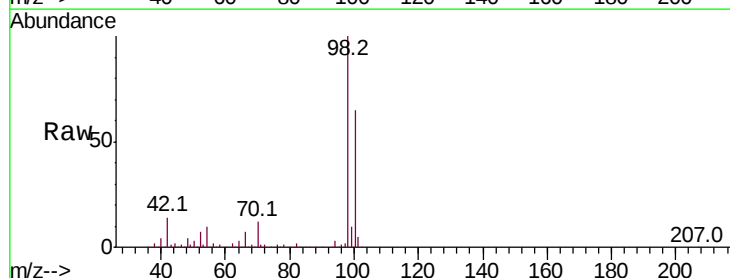
Instrument :  
MSVOA\_U  
ClientSampled :

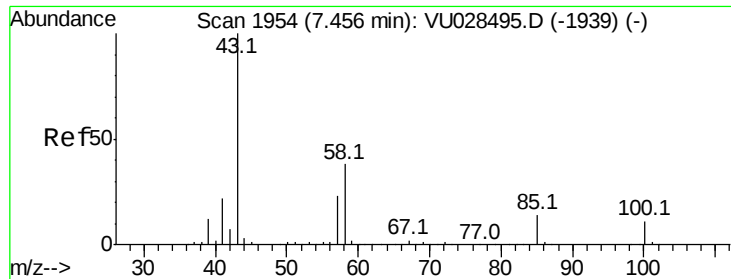
Tot Ion: 88 Resp: 32863  
Ion Ratio Lower Upper  
88 100  
43 38.4 30.9 46.3  
58 82.6 62.4 93.6



#50  
Toluene-d8  
Concen: 52.401 ug/l  
RT: 7.57 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 98 Resp: 219688  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 260.591 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

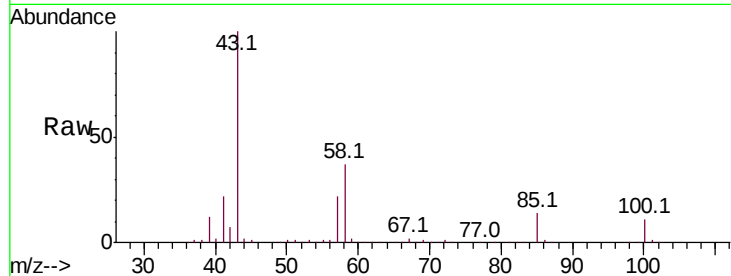
ClientSampled :

Tot Ion: 43 Resp: 619319

Ion Ratio Lower Upper

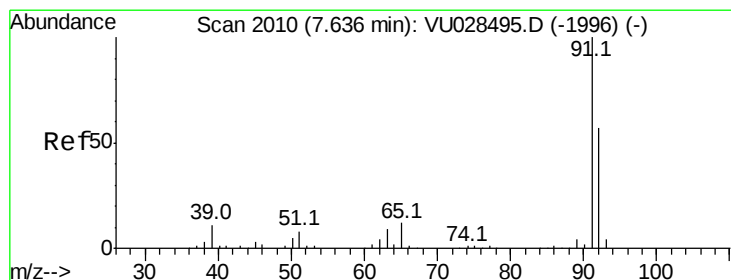
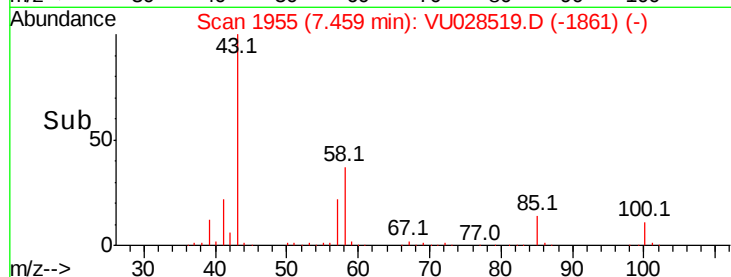
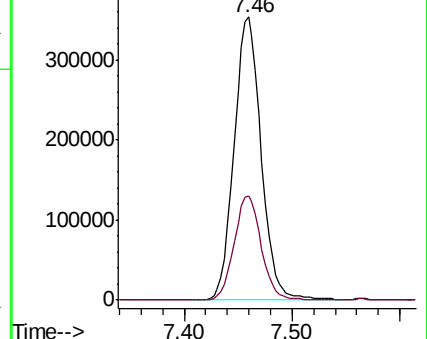
43 100

58 36.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 50.572 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028519.D

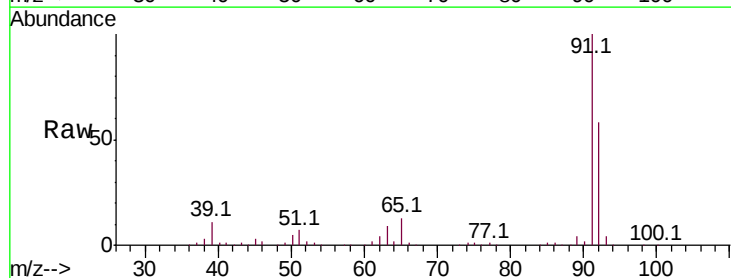
Acq: 06 Dec 2018 22:23

Tgt Ion: 92 Resp: 161546

Ion Ratio Lower Upper

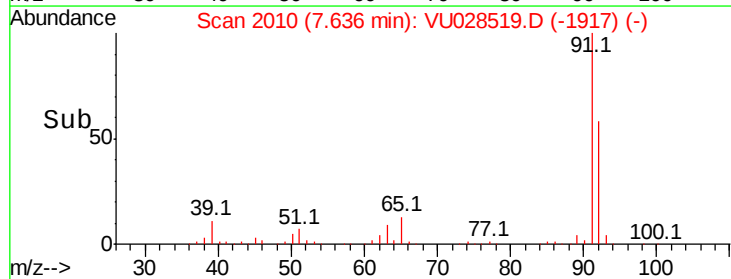
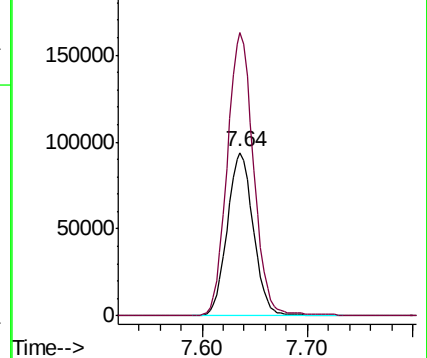
92 100

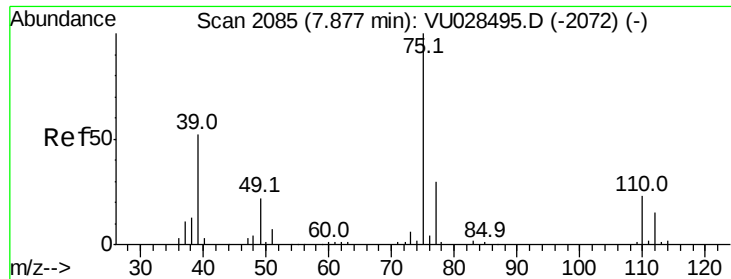
91 174.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

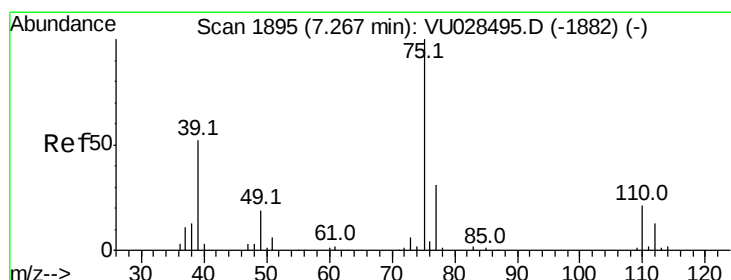
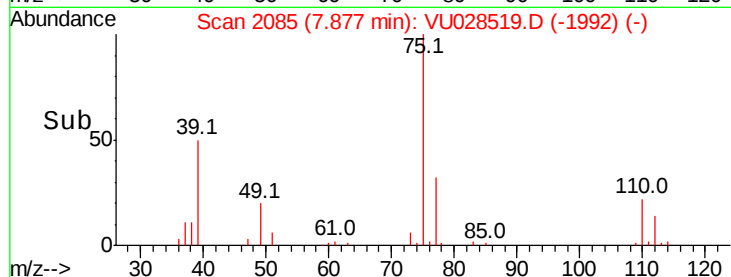
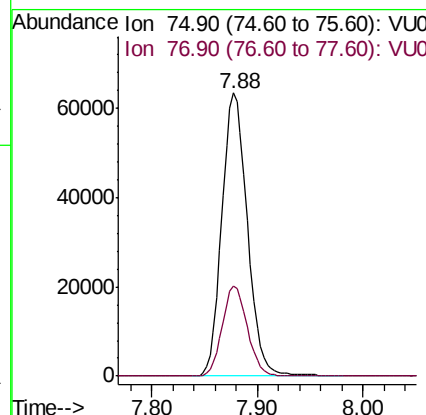
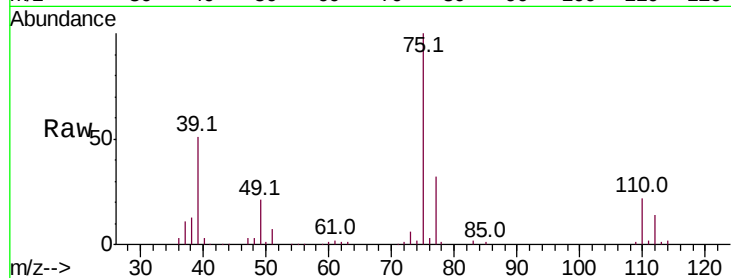




#53  
t-1,3-Dichloropropene  
Concen: 50.695 ug/l  
RT: 7.88 min Scan# 2085  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

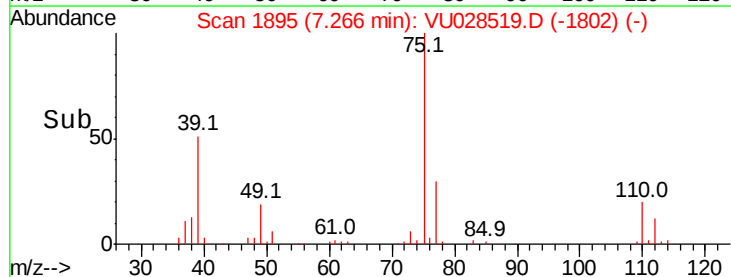
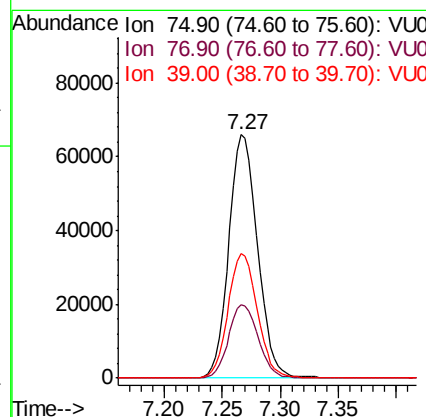
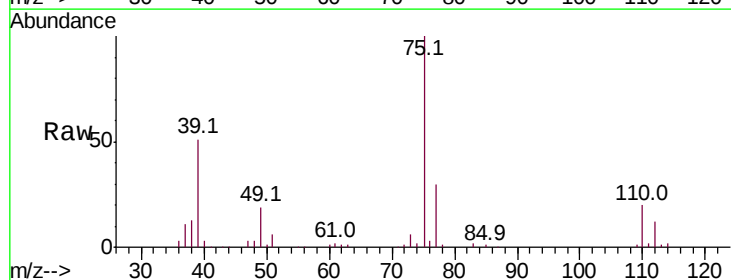
Instrument :  
MSVOA\_U  
ClientSampleId :

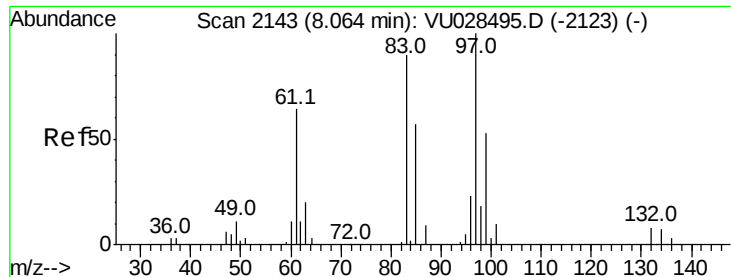
Tot Ion: 75 Resp: 106401  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.2 36.4



#54  
cis-1,3-Dichloropropene  
Concen: 49.917 ug/l  
RT: 7.27 min Scan# 1895  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 75 Resp: 113666  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.0 37.4  
39 51.1 41.3 61.9

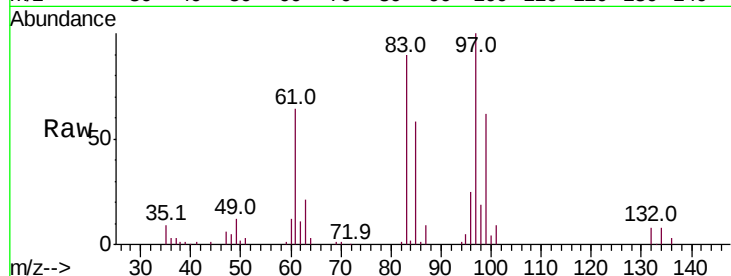




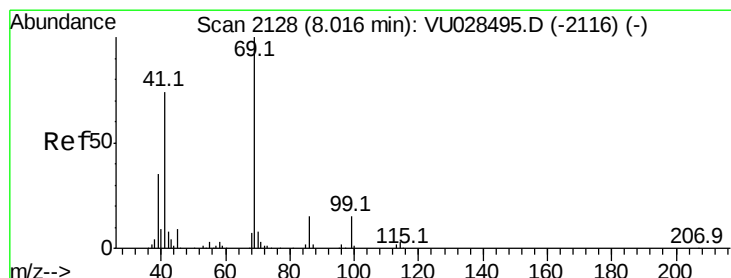
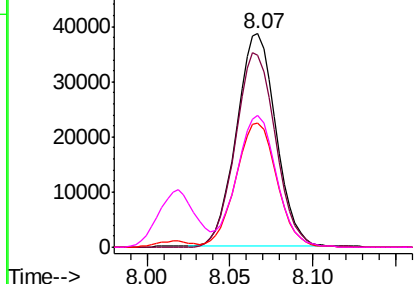
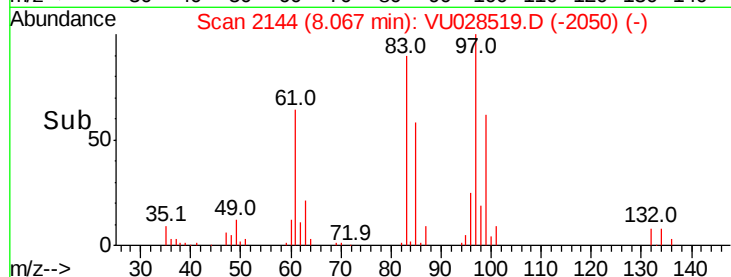
#55  
 1,1,2-Trichloroethane  
 Concen: 50.642 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. 0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion: 97 Resp: 63945  
 Ion Ratio Lower Upper  
 97 100  
 83 90.5 72.4 108.6  
 85 58.4 46.0 69.0  
 99 61.6 47.4 71.2

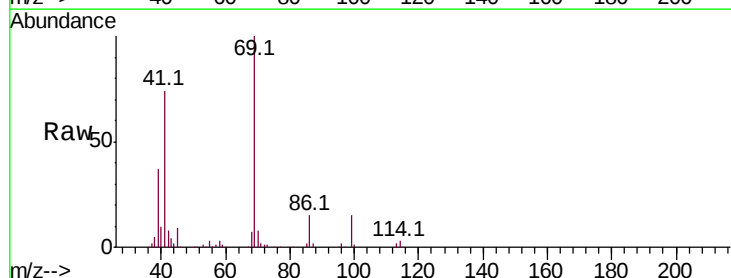


Abundance Ion 96.90 (96.60 to 97.60): VU0  
 Ion 82.90 (82.60 to 83.60): VU0  
 Ion 84.90 (84.60 to 85.60): VU0  
 Ion 98.90 (98.60 to 99.60): VU0

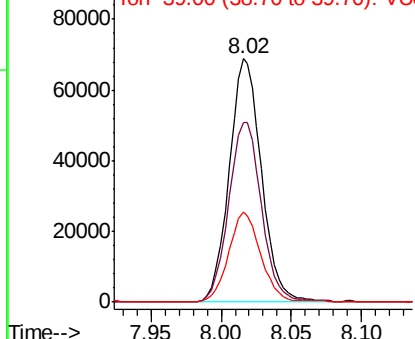
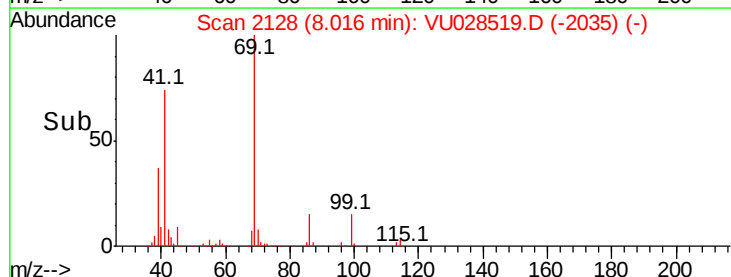


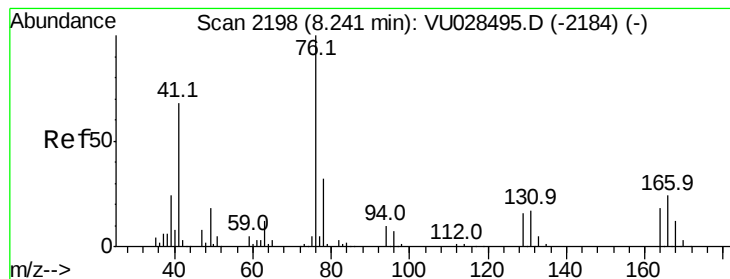
#56  
 Ethyl methacrylate  
 Concen: 50.898 ug/l  
 RT: 8.02 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion: 69 Resp: 110057  
 Ion Ratio Lower Upper  
 69 100  
 41 75.4 59.1 88.7  
 39 37.6 28.4 42.6



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





#57

1,3-Dichloropropane

Concen: 49.892 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

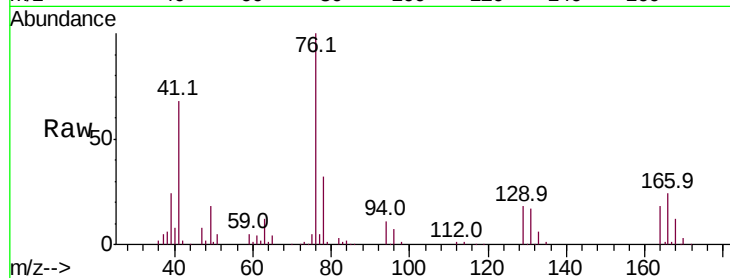
ClientSampleId :

Tot Ion: 76 Resp: 116943

Ion Ratio Lower Upper

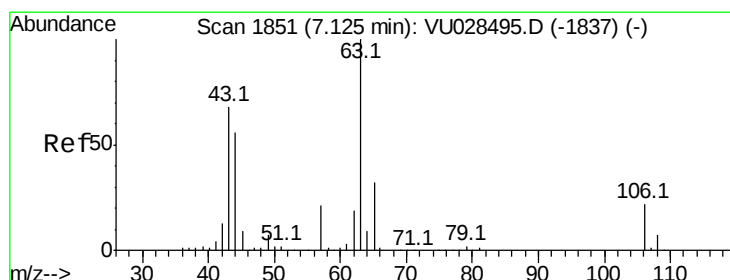
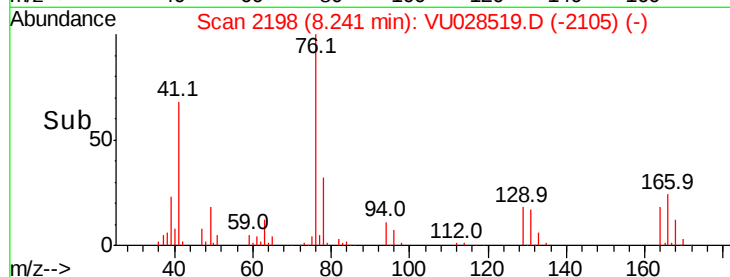
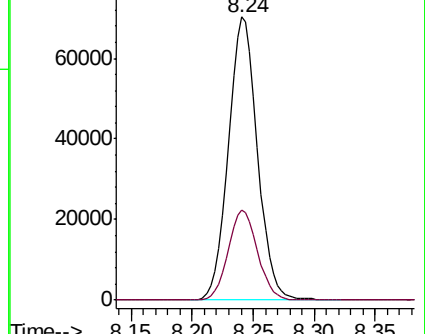
76 100

78 32.2 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 254.174 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU028519.D

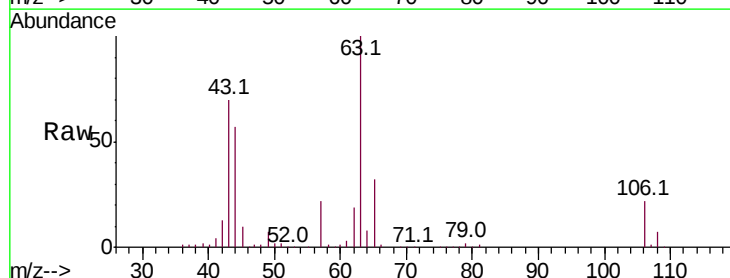
Acq: 06 Dec 2018 22:23

Tgt Ion: 63 Resp: 281508

Ion Ratio Lower Upper

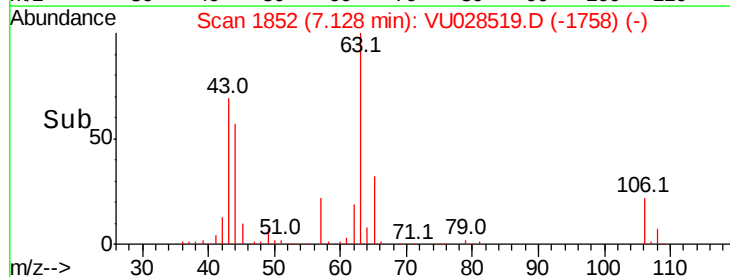
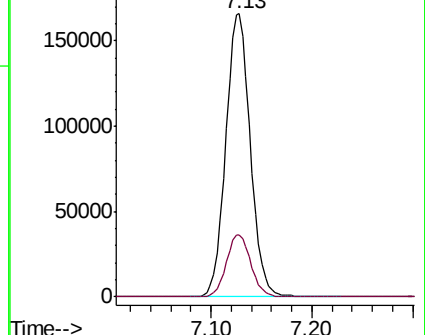
63 100

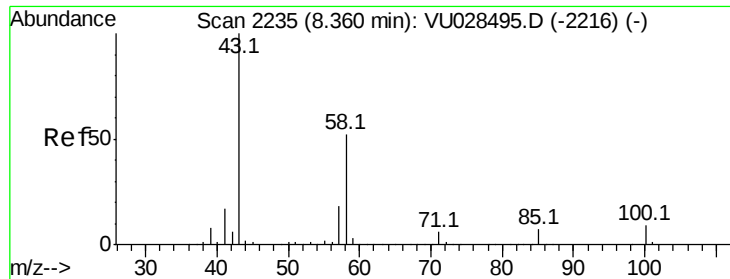
106 21.9 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

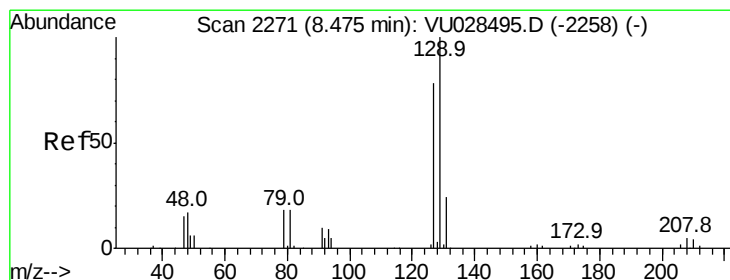
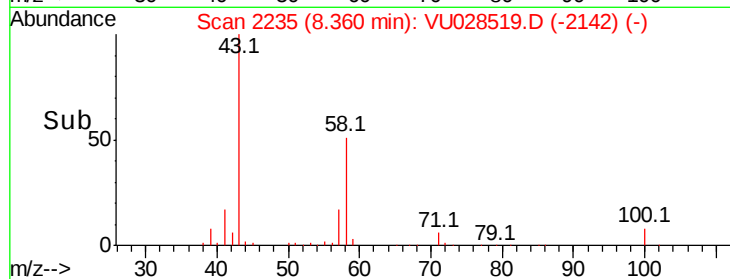
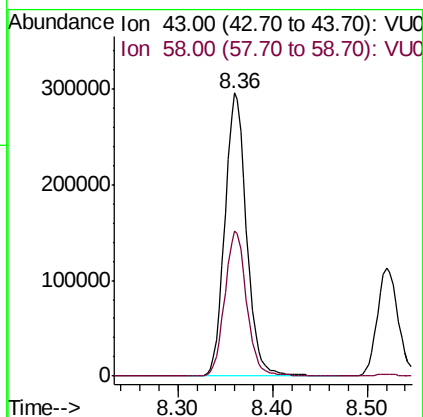
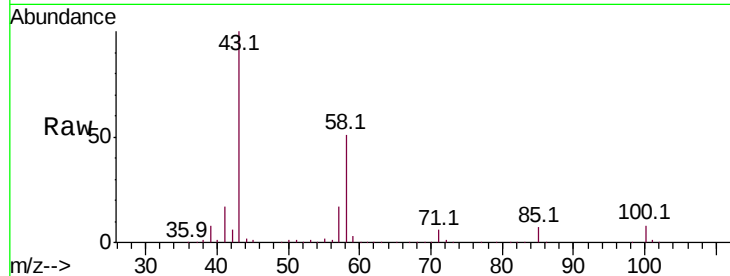




#59  
2-Hexanone  
Concen: 250.127 ug/l  
RT: 8.36 min Scan# 2235  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

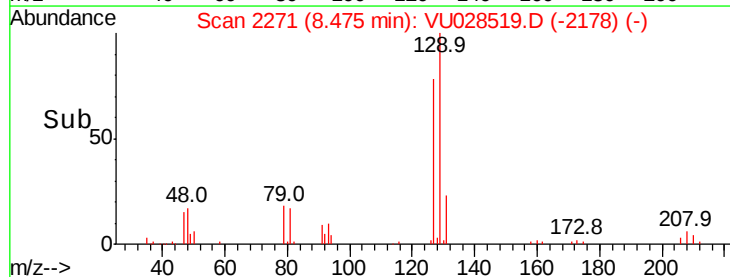
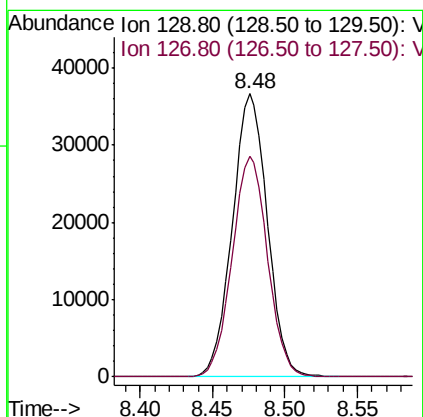
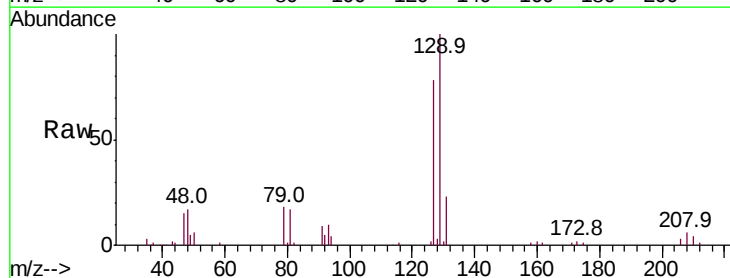
Instrument :  
MSVOA\_U  
ClientSampleId :

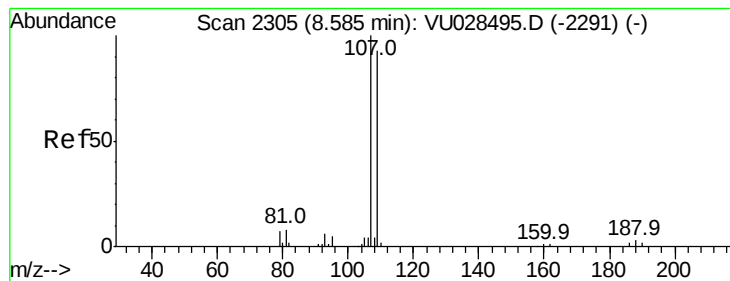
Tot Ion: 43 Resp: 471165  
Ion Ratio Lower Upper  
43 100  
58 51.8 25.9 77.6



#60  
Dibromochloromethane  
Concen: 49.635 ug/l  
RT: 8.48 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 129 Resp: 61362  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 51.921 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

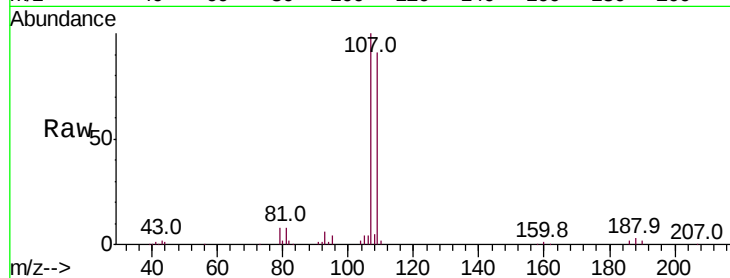
ClientSampleId :

Tot Ion:107 Resp: 68751

Ion Ratio Lower Upper

107 100

109 92.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

40000

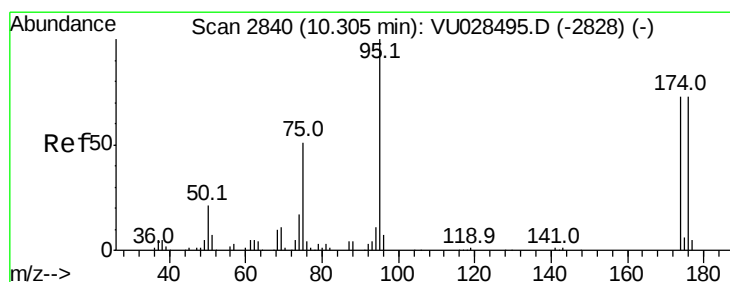
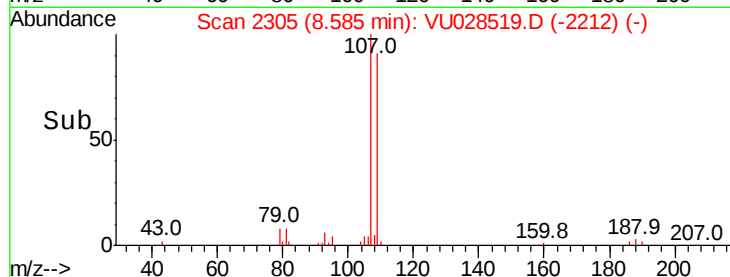
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 52.758 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

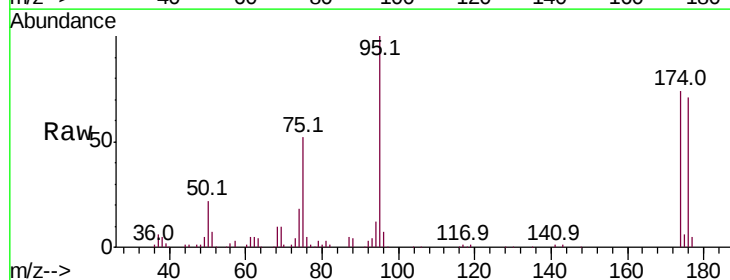
Tgt Ion: 95 Resp: 82671

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.4

176 72.2 0.0 145.2



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

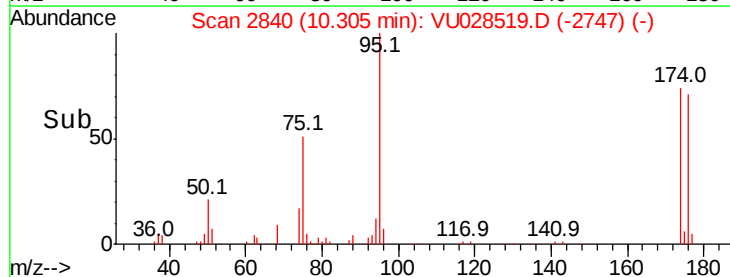
60000

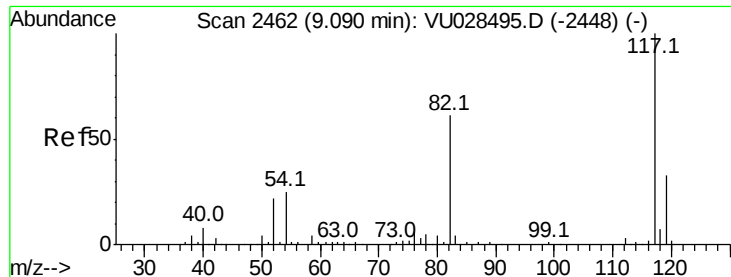
40000

20000

0

Time--> 10.30 10.40

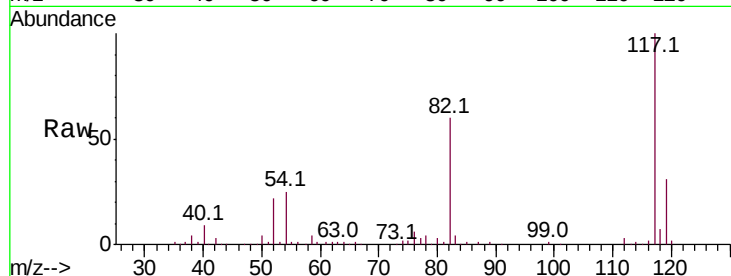




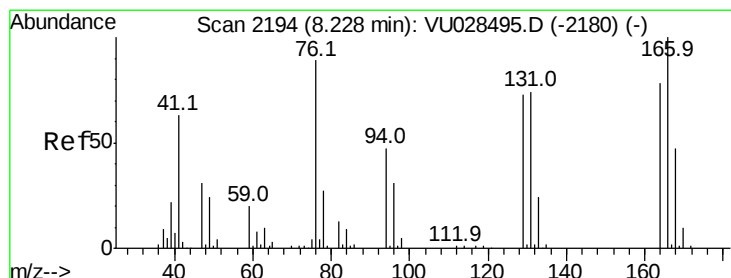
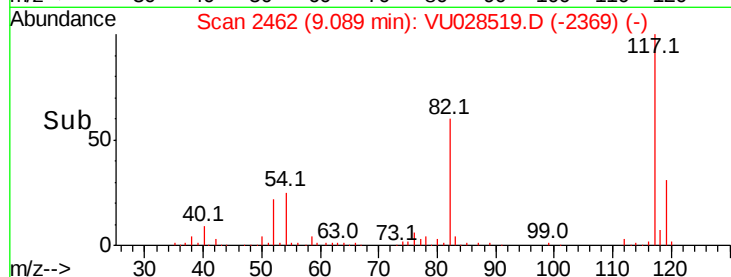
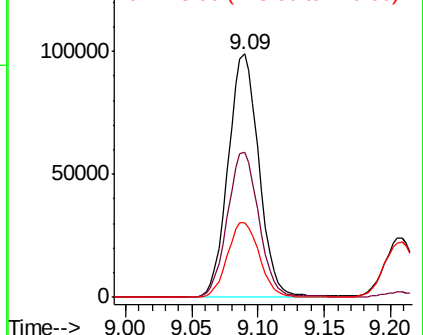
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:117 Resp: 159995  
Ion Ratio Lower Upper  
117 100  
82 59.8 48.9 73.3  
119 30.6 26.2 39.4

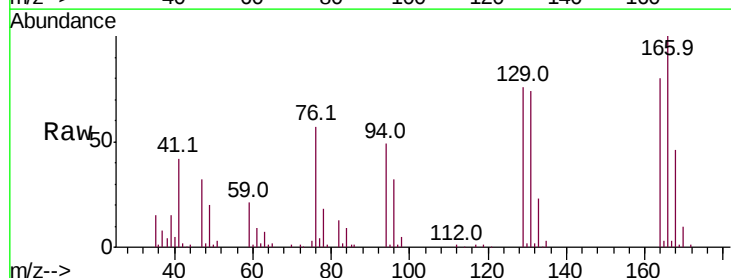


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU  
Ion 118.90 (118.60 to 119.60): V

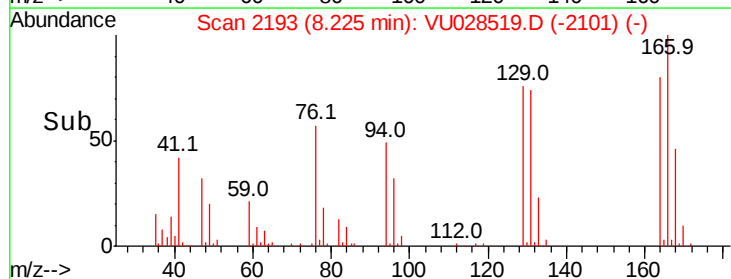
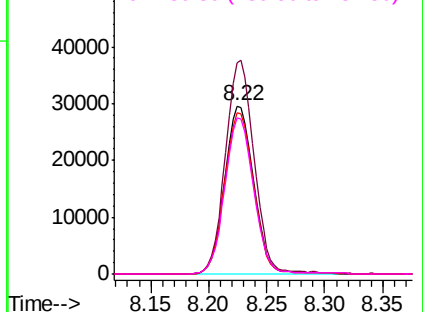


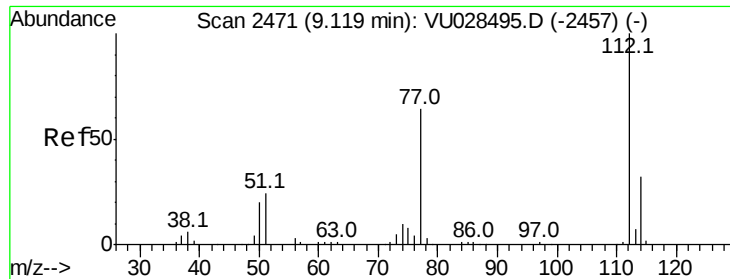
#64  
Tetrachloroethene  
Concen: 47.921 ug/l  
RT: 8.22 min Scan# 2193  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion:164 Resp: 51142  
Ion Ratio Lower Upper  
164 100  
166 125.5 101.9 152.9  
129 95.8 74.9 112.3  
131 92.6 75.4 113.0



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

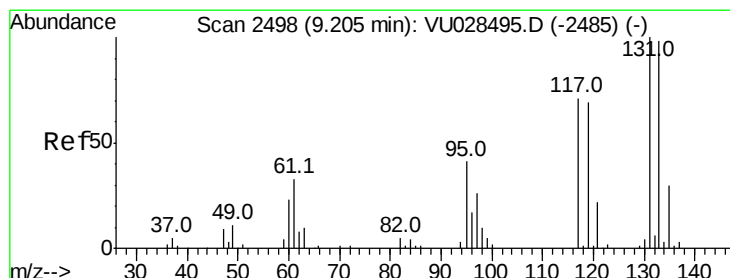
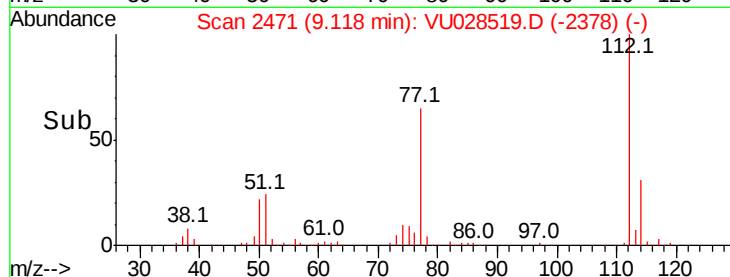
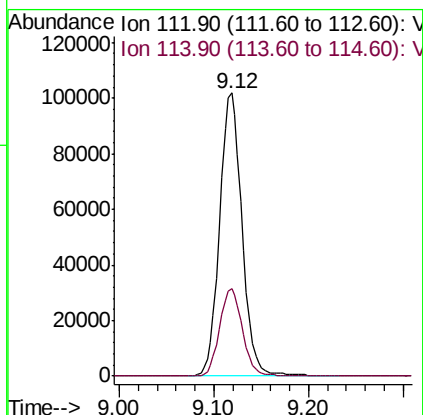
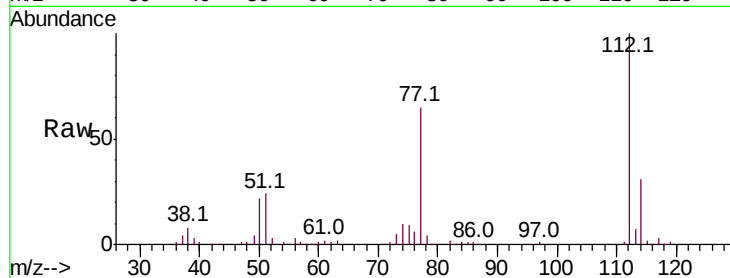




#65  
Chlorobenzene  
Concen: 49.104 ug/l  
RT: 9.12 min Scan# 2471  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

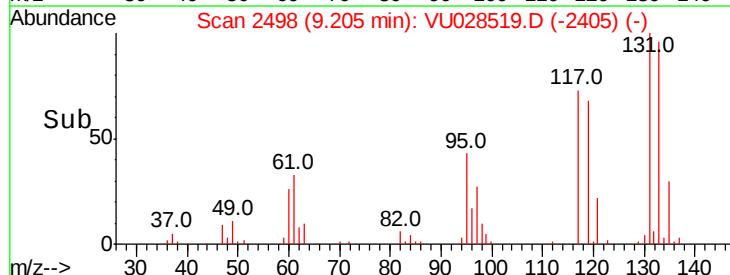
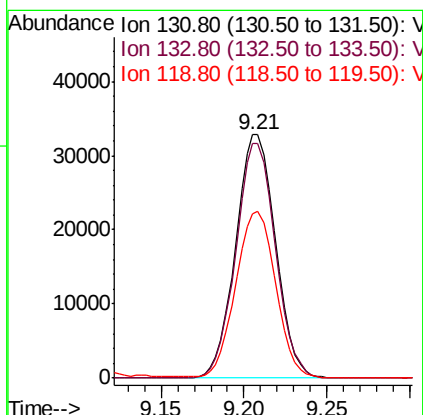
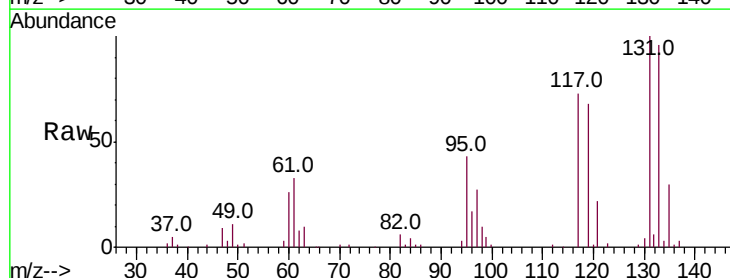
Instrument :  
MSVOA\_U  
ClientSampled :

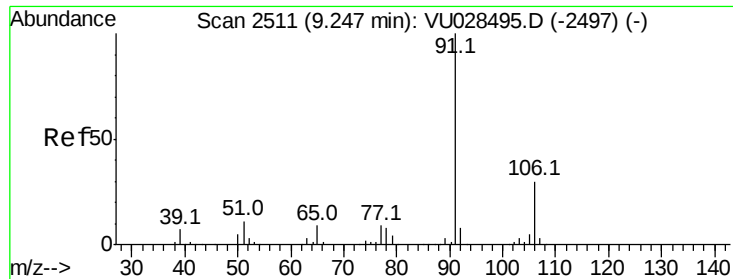
Tot Ion:112 Resp: 167411  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.591 ug/l  
RT: 9.21 min Scan# 2498  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion:131 Resp: 55079  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.0 144.0  
119 68.8 34.6 103.9

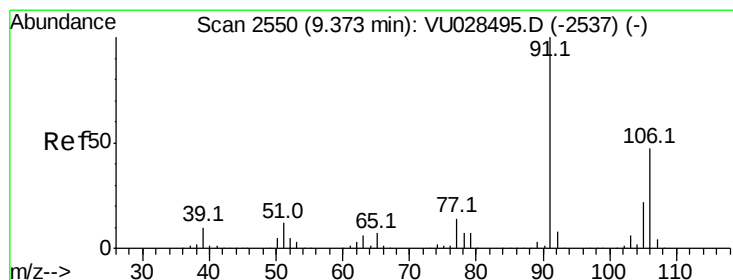
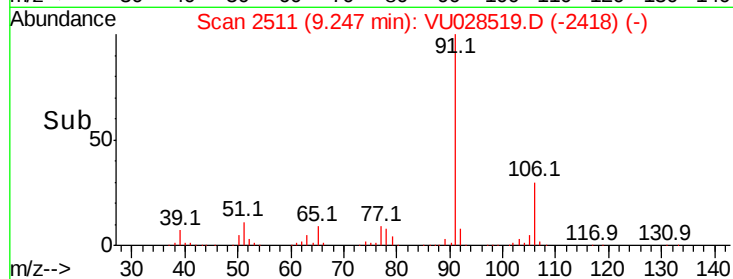
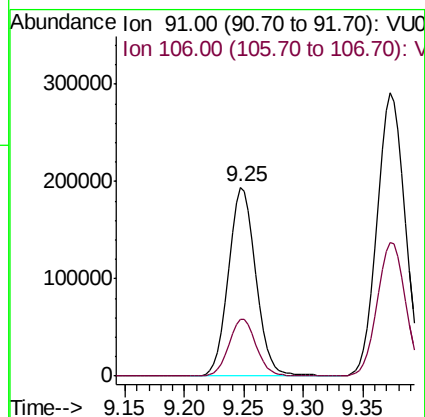
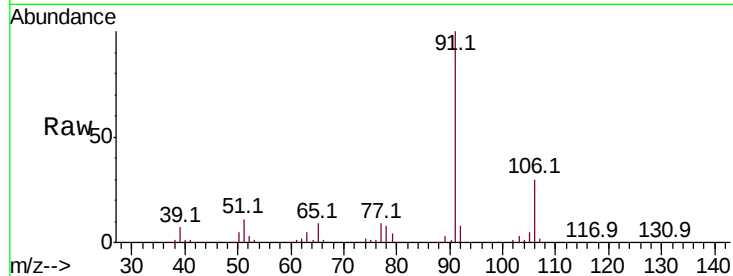




#67  
Ethyl Benzene  
Concen: 49.575 ug/l  
RT: 9.25 min Scan# 2511  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

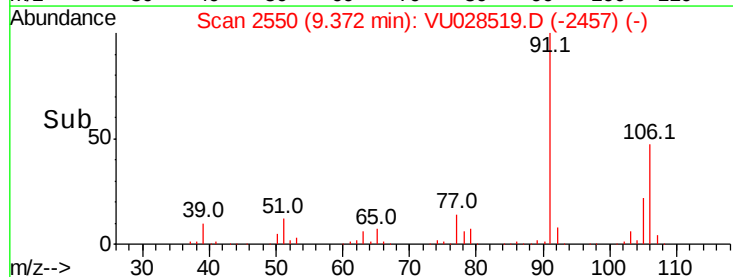
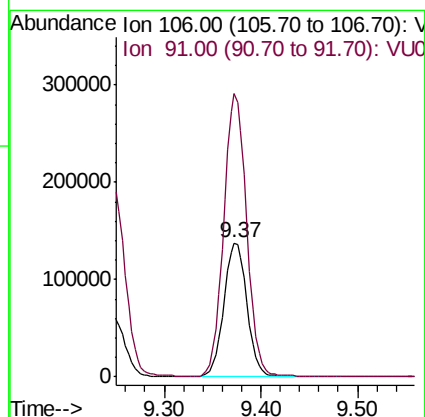
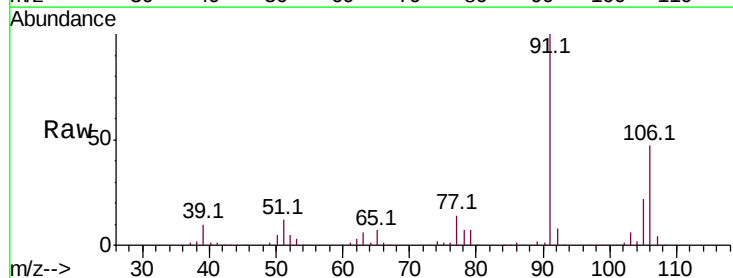
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 91 Resp: 310708  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.1 36.1



#68  
m/p-Xylenes  
Concen: 100.434 ug/l  
RT: 9.37 min Scan# 2550  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 106 Resp: 229045  
Ion Ratio Lower Upper  
106 100  
91 209.8 167.4 251.0

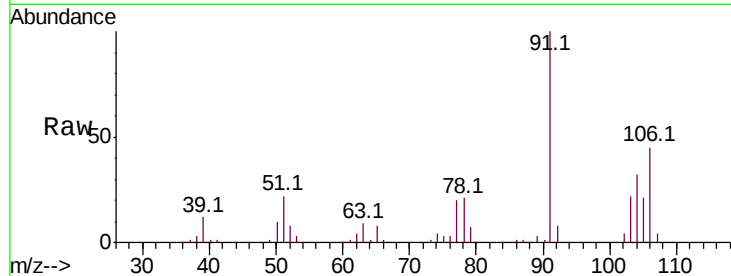




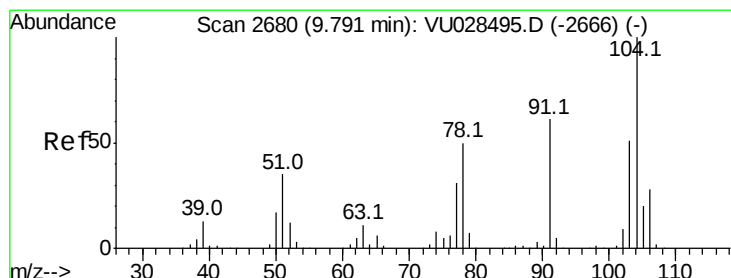
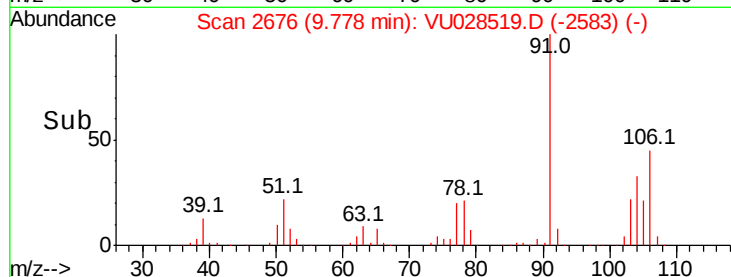
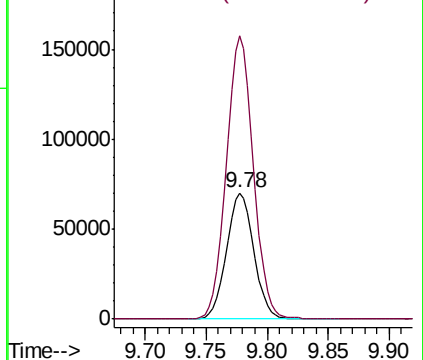
#69  
o-Xylene  
Concen: 49.673 ug/l  
RT: 9.78 min Scan# 2676  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:106 Resp: 110088  
Ion Ratio Lower Upper  
106 100  
91 222.1 111.3 334.0

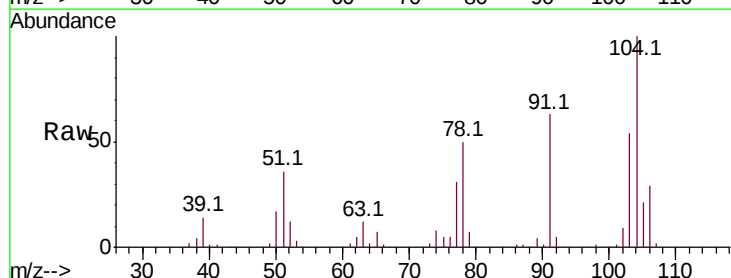


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

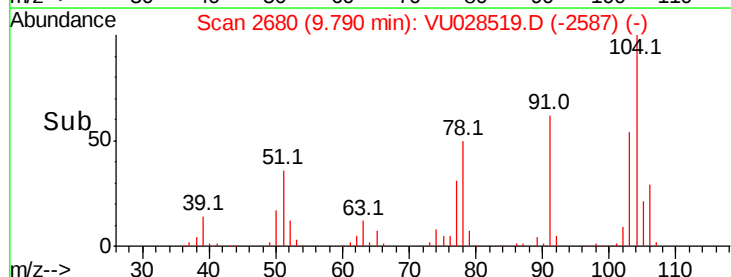
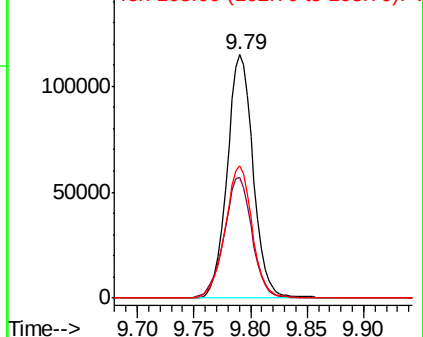


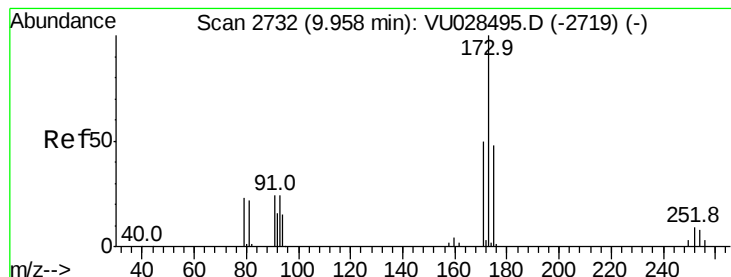
#70  
Styrene  
Concen: 50.090 ug/l  
RT: 9.79 min Scan# 2680  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion:104 Resp: 183717  
Ion Ratio Lower Upper  
104 100  
78 53.2 43.0 64.6  
103 56.6 44.2 66.4



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: 50.545 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampleId :

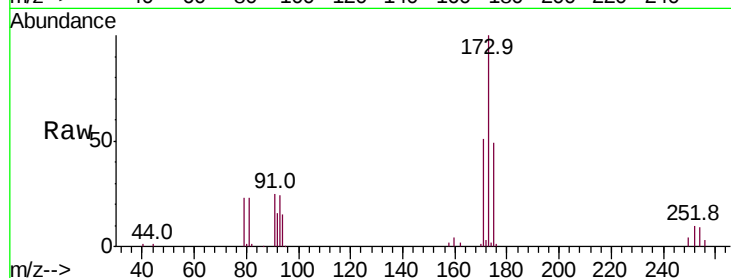
Tot Ion:173 Resp: 46813

Ion Ratio Lower Upper

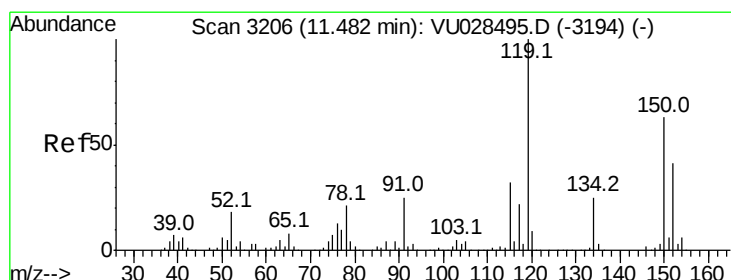
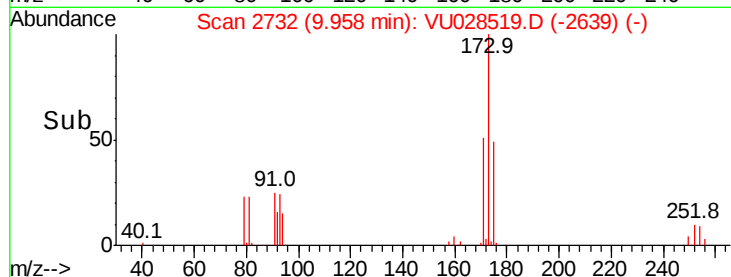
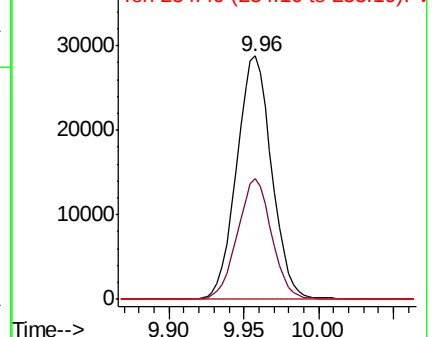
173 100

175 48.3 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

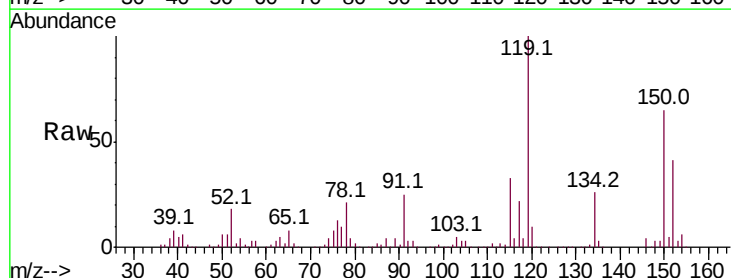
Tgt Ion:152 Resp: 80410

Ion Ratio Lower Upper

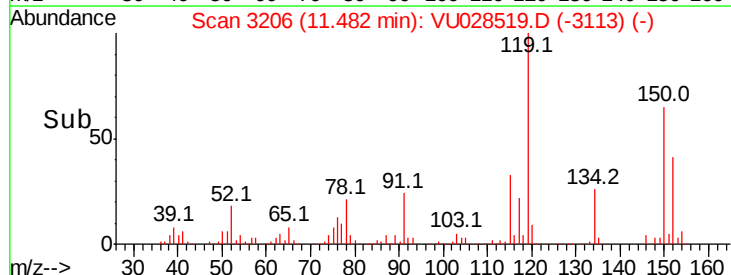
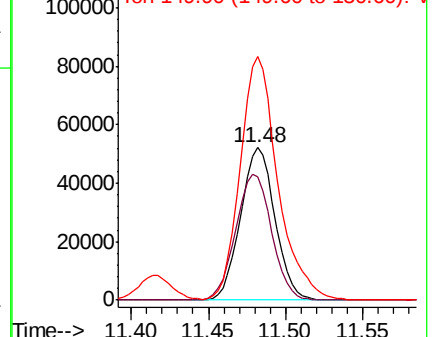
152 100

115 86.1 42.7 128.1

150 174.9 0.0 346.0



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: 47.530 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

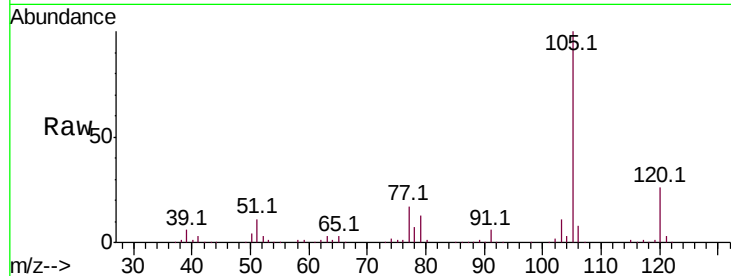
ClientSampleId :

Tot Ion:105 Resp: 293265

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

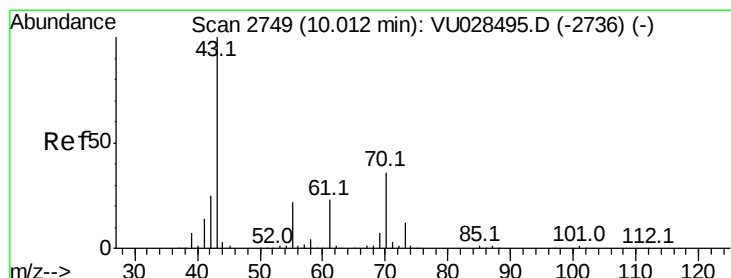
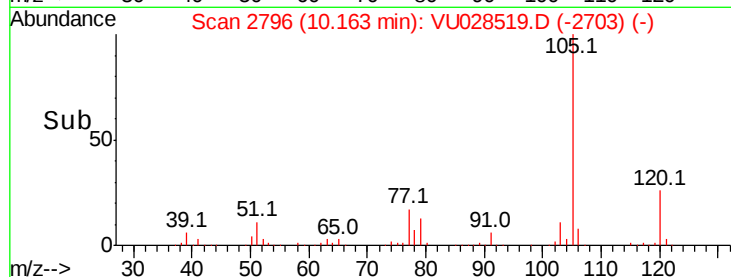
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 49.326 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Tgt Ion: 43 Resp: 175557

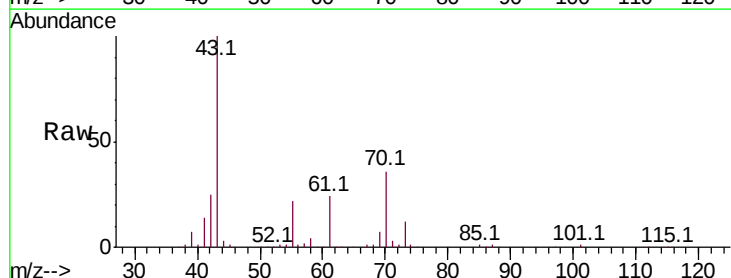
Ion Ratio Lower Upper

43 100

70 35.9 29.3 43.9

55 22.4 18.0 27.0

61 23.0 18.3 27.5



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

150000

100000

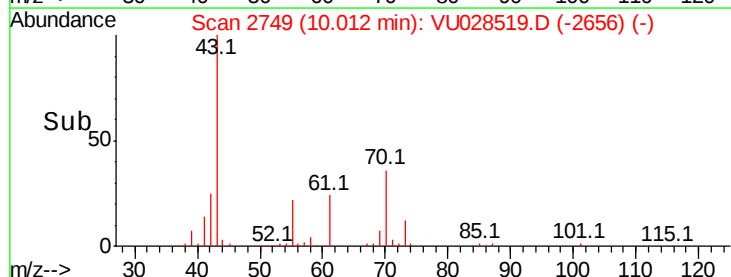
50000

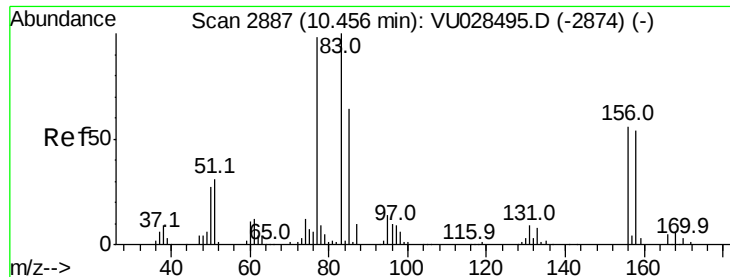
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.467 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampled :

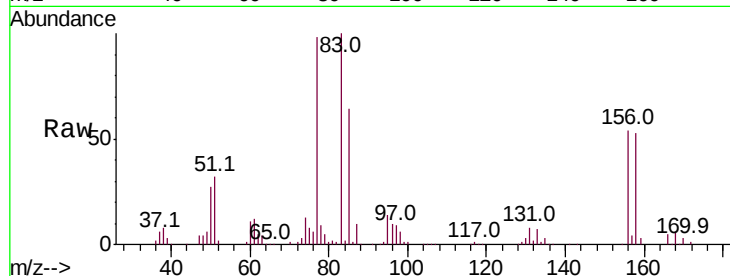
Tot Ion: 83 Resp: 114877

Ion Ratio Lower Upper

83 100

131 8.2 4.2 12.4

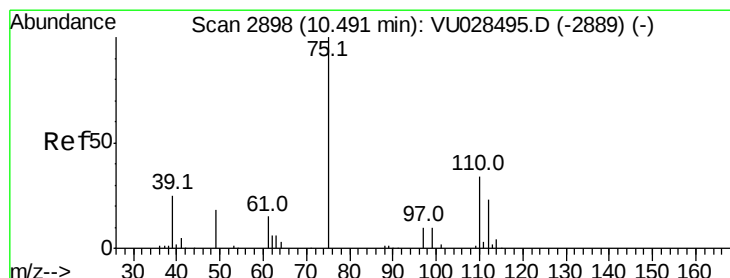
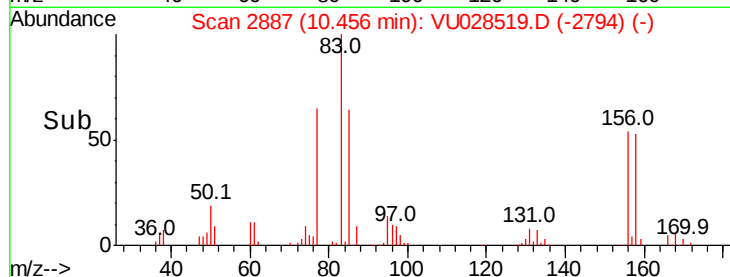
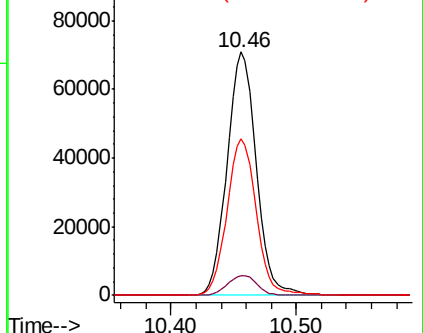
85 64.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VU028495.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU028495.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU028495.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 67.684 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028519.D

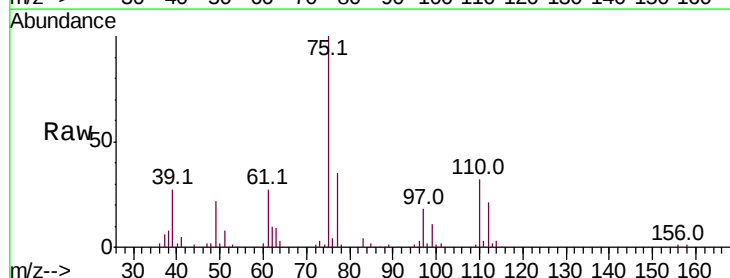
Acq: 06 Dec 2018 22:23

Tgt Ion: 75 Resp: 138974

Ion Ratio Lower Upper

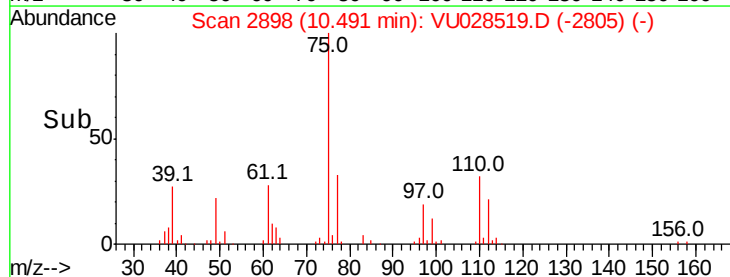
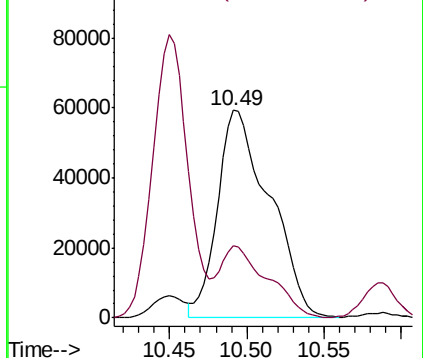
75 100

77 30.8 20.8 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU028495.D (-2889) (-)





#77

Bromobenzene

Concen: 48.094 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampleId :

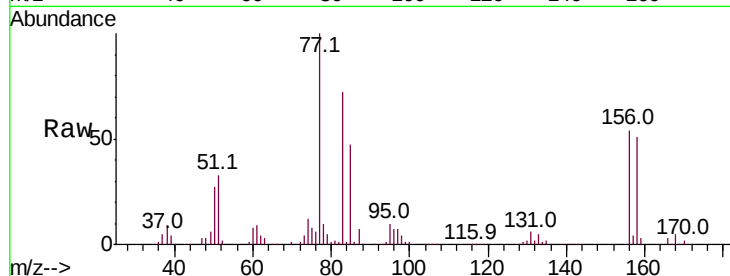
Tot Ion:156 Resp: 69401

Ion Ratio Lower Upper

156 100

77 185.1 92.4 277.2

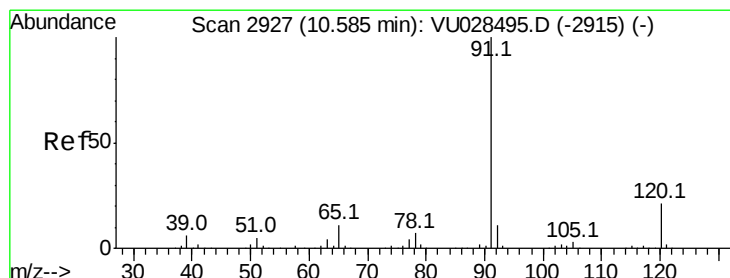
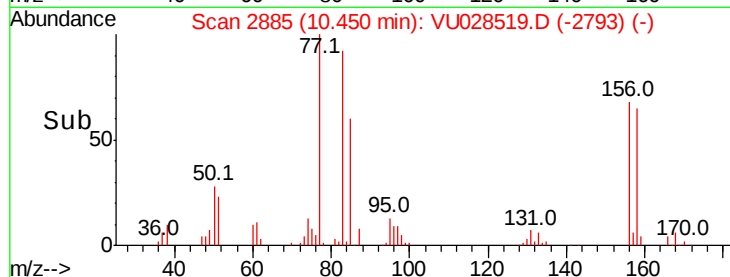
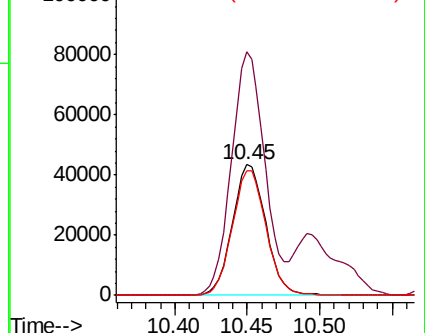
158 96.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.130 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028519.D

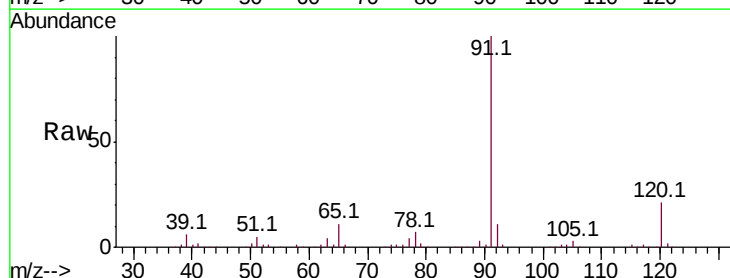
Acq: 06 Dec 2018 22:23

Tgt Ion: 91 Resp: 369010

Ion Ratio Lower Upper

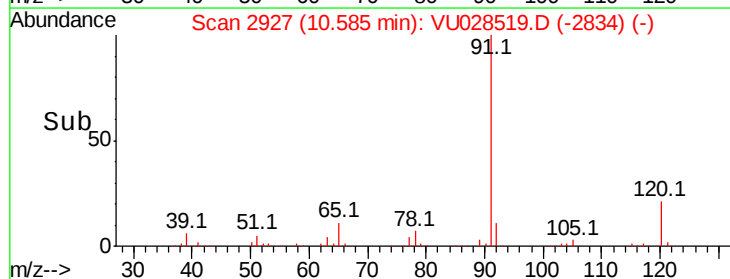
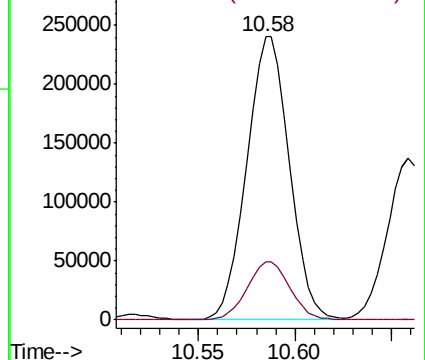
91 100

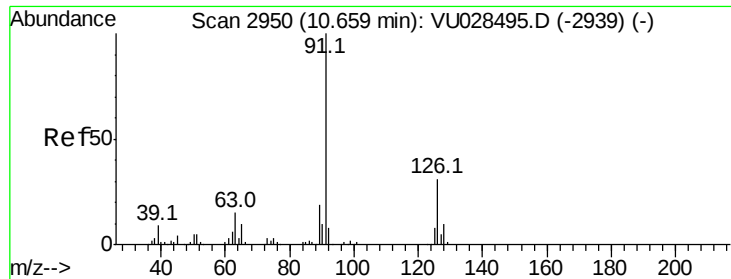
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.084 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

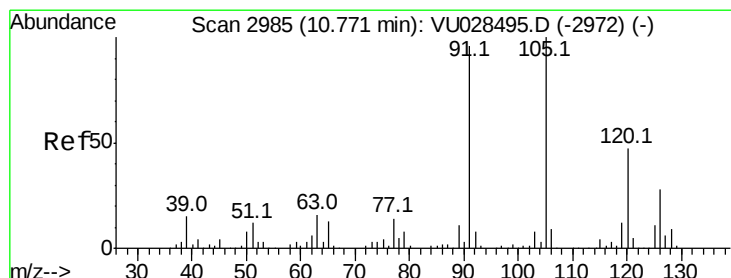
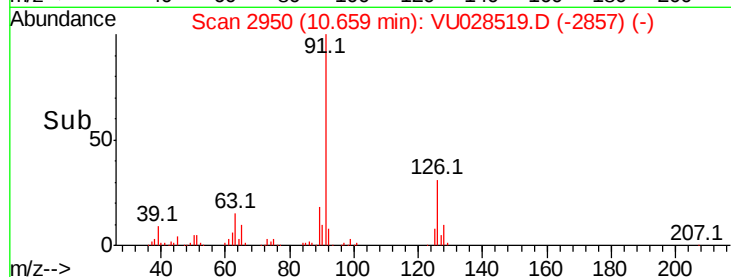
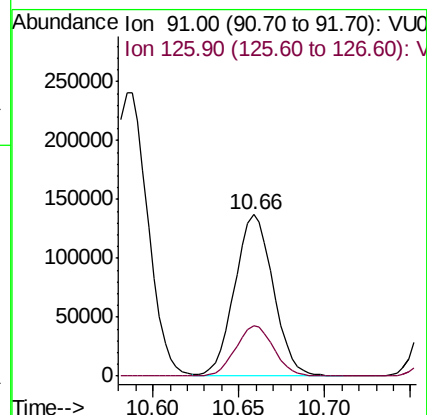
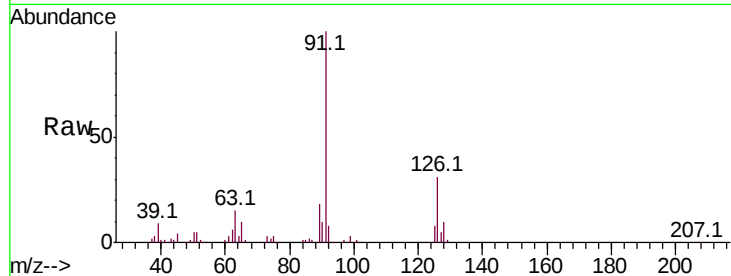
ClientSampleId :

Tot Ion: 91 Resp: 212355

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 48.393 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028519.D

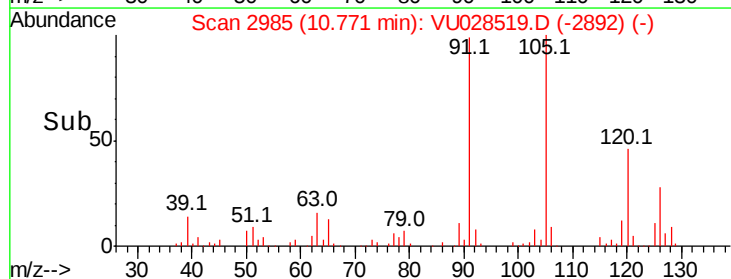
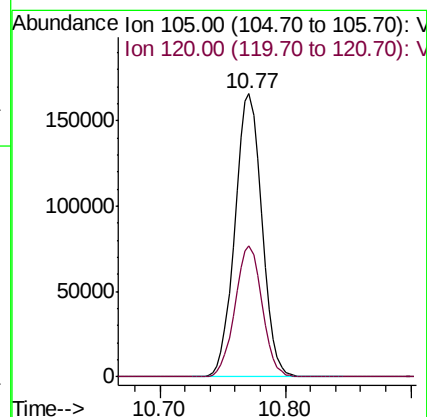
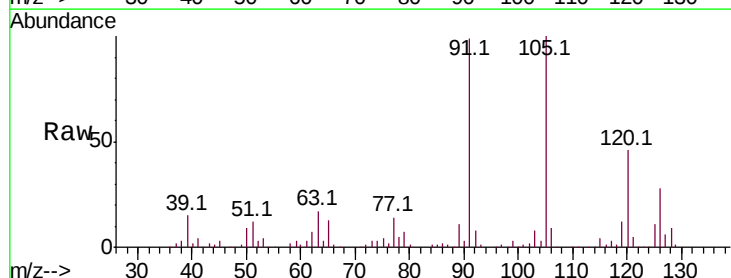
Acq: 06 Dec 2018 22:23

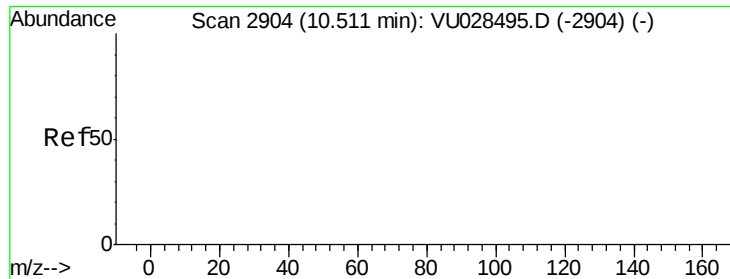
Tgt Ion: 105 Resp: 247167

Ion Ratio Lower Upper

105 100

120 46.6 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 165.193 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028519.D

Acq: 06 Dec 2018 22:23

Instrument :

MSVOA\_U

ClientSampleId :

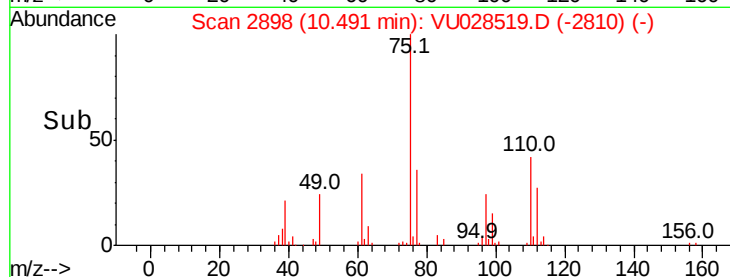
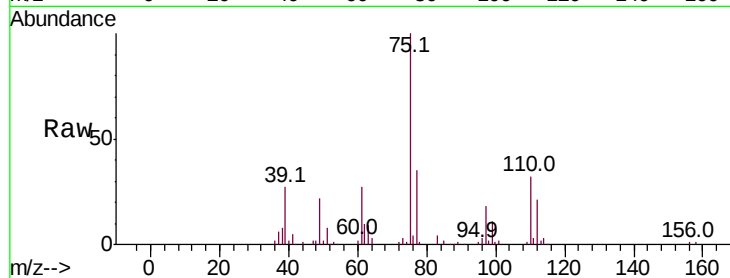
Tot Ion: 75 Resp: 138974

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

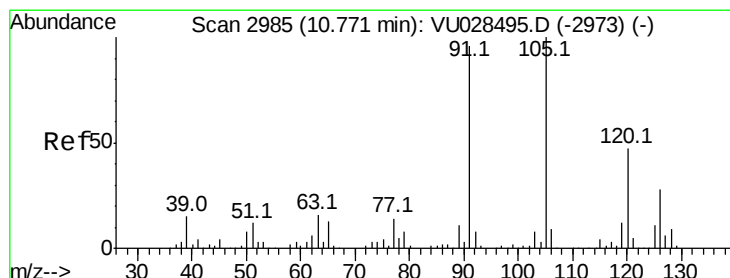
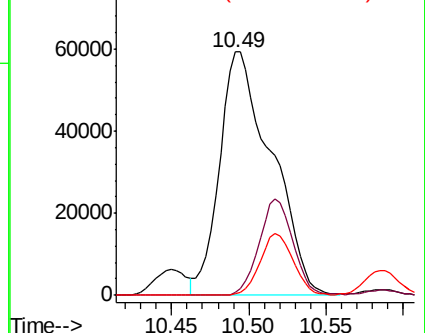
89 0.0 0.0 0.0



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: 47.665 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028519.D

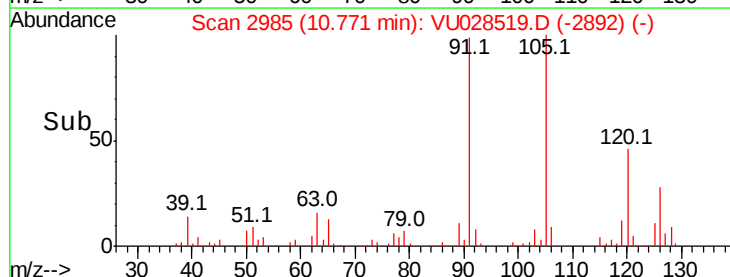
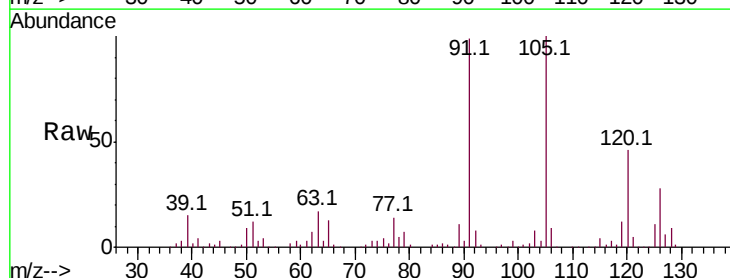
Acq: 06 Dec 2018 22:23

Tgt Ion: 91 Resp: 249454

Ion Ratio Lower Upper

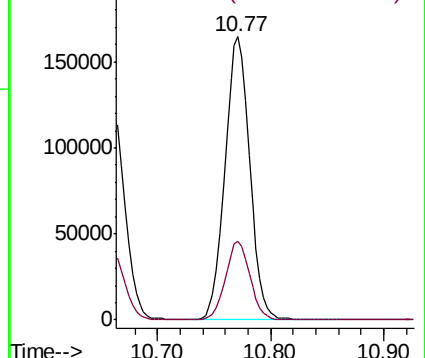
91 100

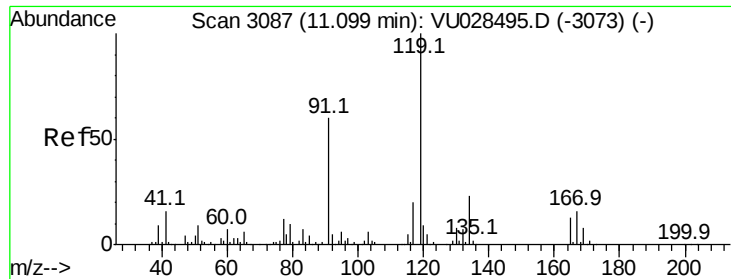
126 27.7 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

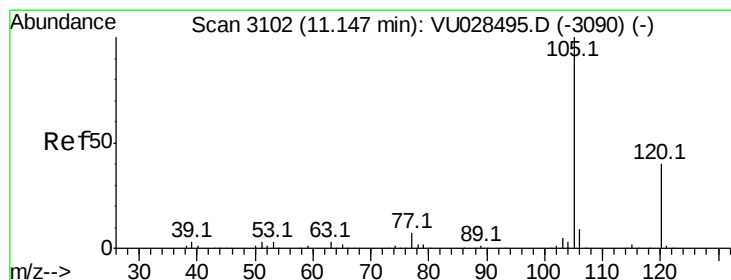
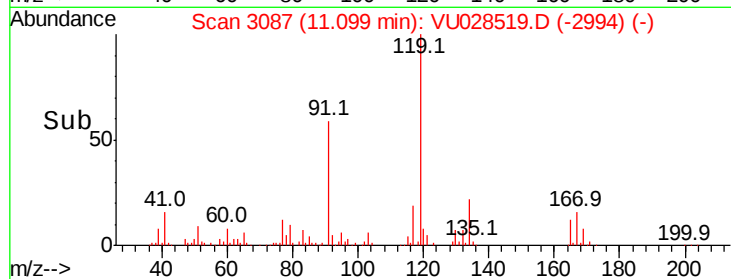
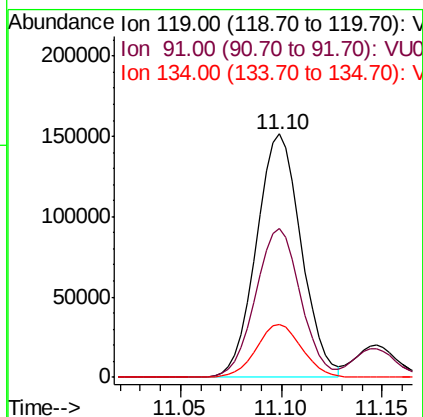
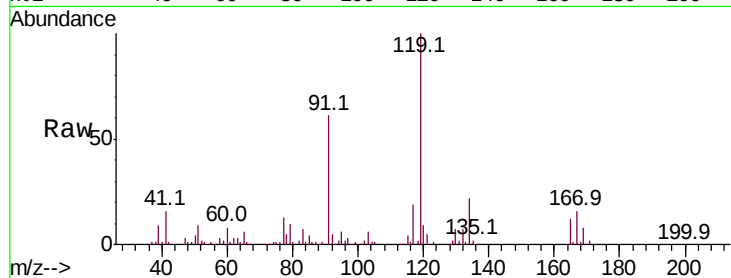




#83  
tert-Butylbenzene  
Concen: 47.789 ug/l  
RT: 11.10 min Scan# 3087  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

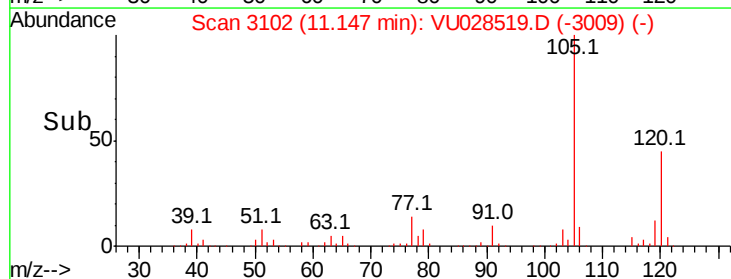
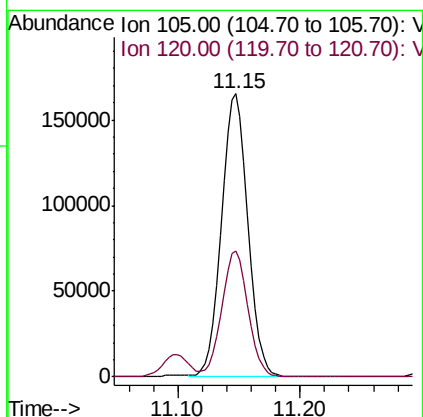
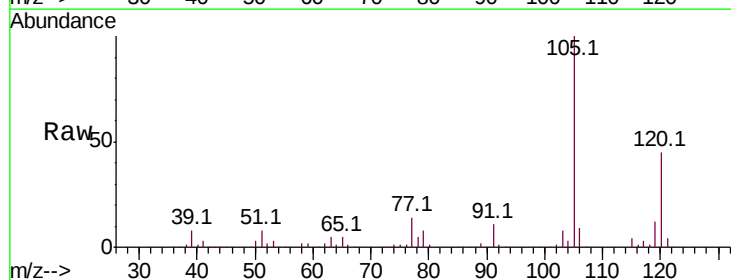
Instrument :  
MSVOA\_U  
ClientSampled :

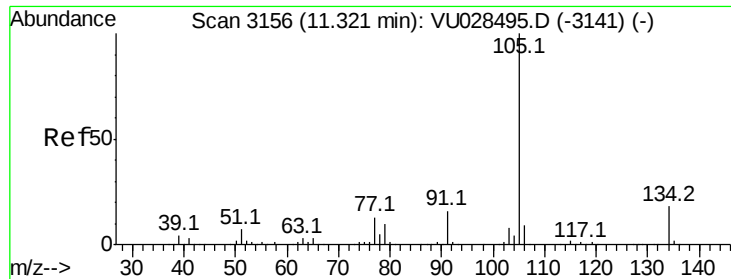
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.6  | 30.3  | 91.0  |
| 134     | 21.9  | 11.2  | 33.5  |



#84  
1,2,4-Trimethylbenzene  
Concen: 47.893 ug/l  
RT: 11.15 min Scan# 3102  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.1  | 21.8  | 65.4  |

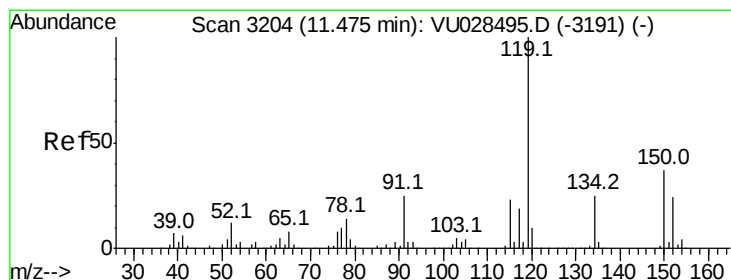
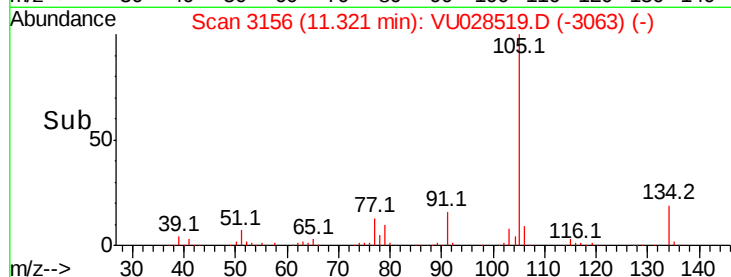
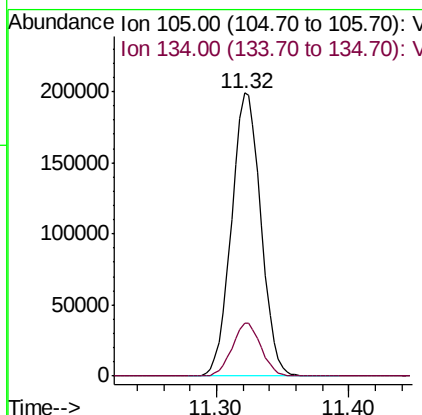
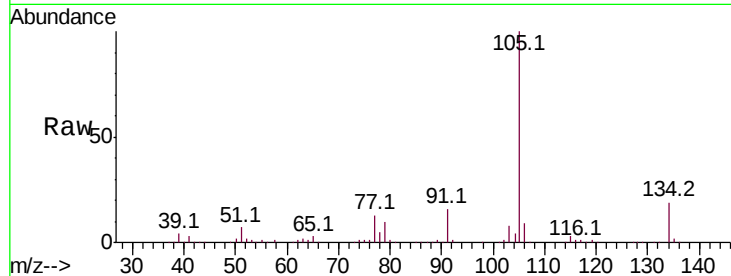




#85  
 sec-Butylbenzene  
 Concen: 48.350 ug/l  
 RT: 11.32 min Scan# 3156  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

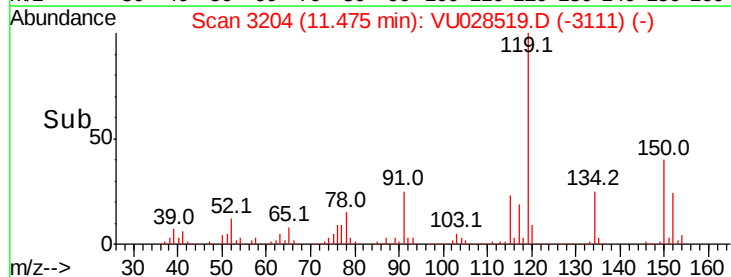
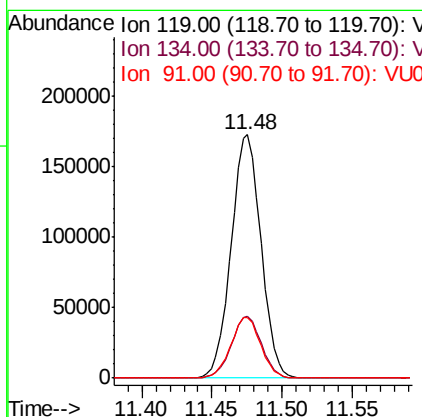
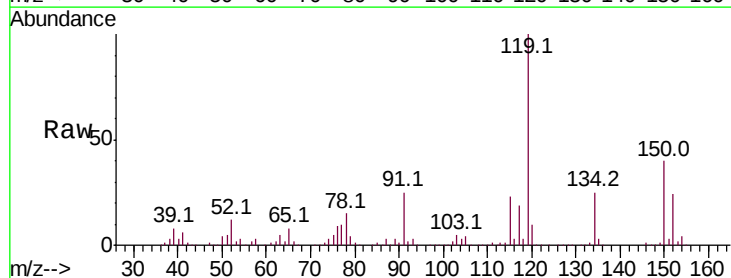
Instrument :  
 MSVOA\_U  
 ClientSampled :

Tot Ion:105 Resp: 305778  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 9.2 27.6



#86  
 p-Isopropyltoluene  
 Concen: 47.601 ug/l  
 RT: 11.48 min Scan# 3204  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion:119 Resp: 255728  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.7 38.1  
 91 25.0 12.6 37.6

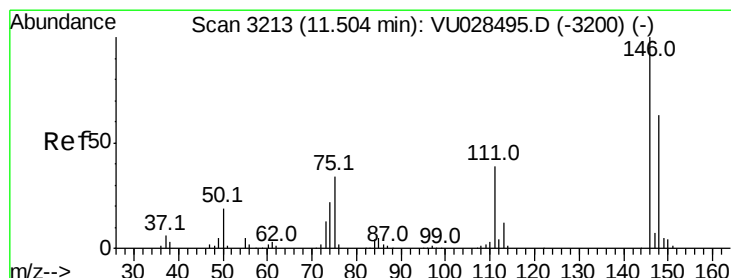
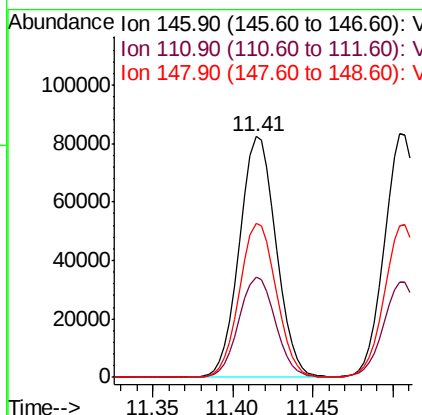
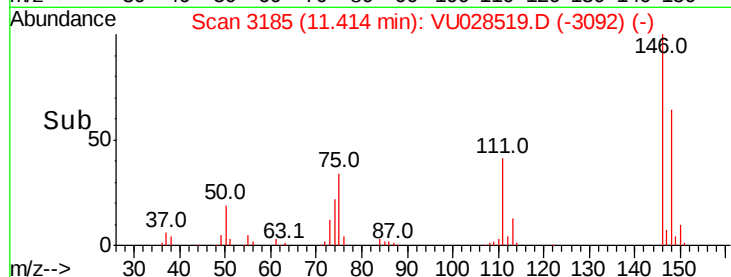
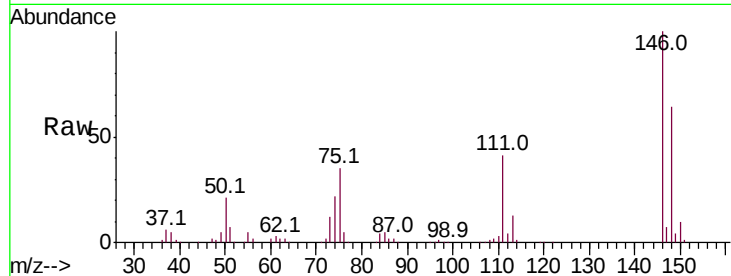




#87  
 1,3-Dichlorobenzene  
 Concen: 47.221 ug/l  
 RT: 11.41 min Scan# 3185  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

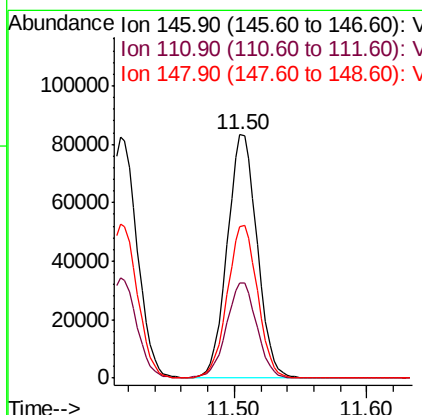
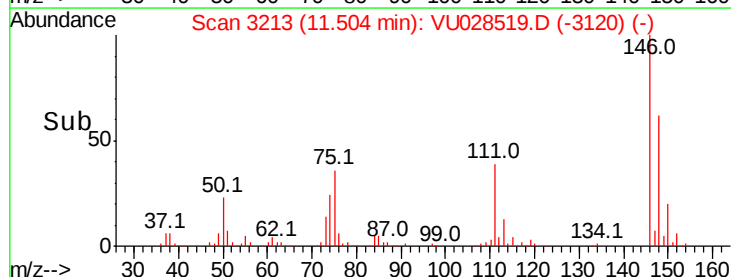
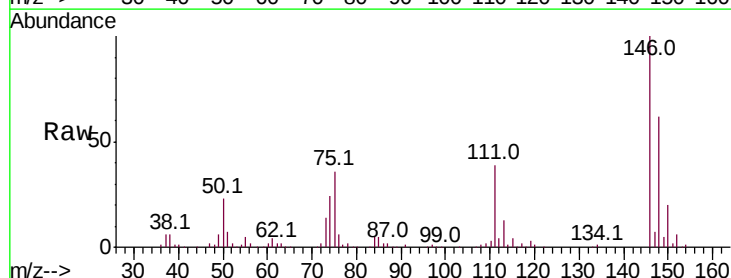
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion:146 Resp: 128669  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 20.7 62.1  
 148 64.2 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 46.157 ug/l  
 RT: 11.50 min Scan# 3213  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion:146 Resp: 130123  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.2 60.5  
 148 63.5 31.6 95.0

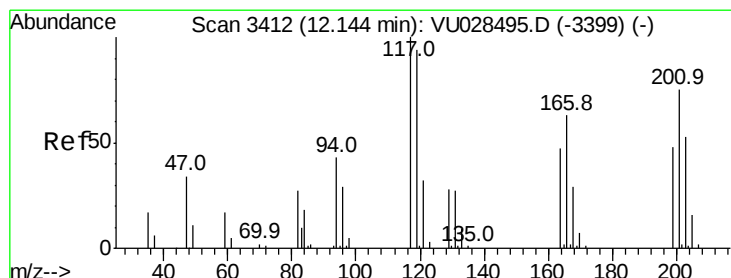
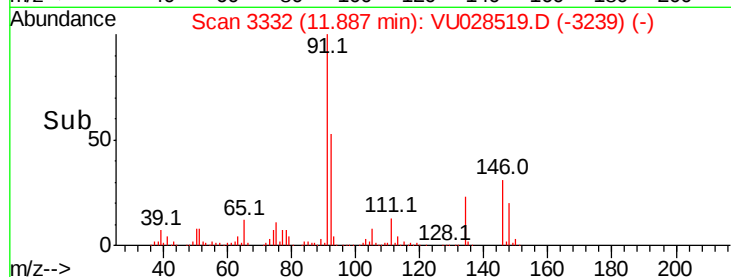
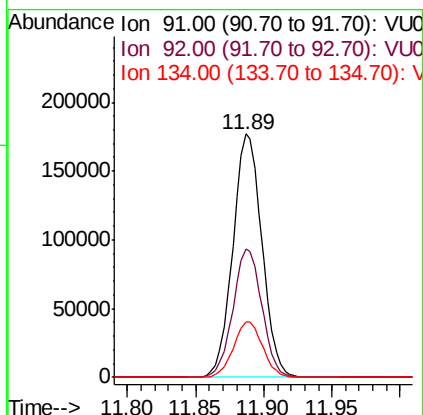
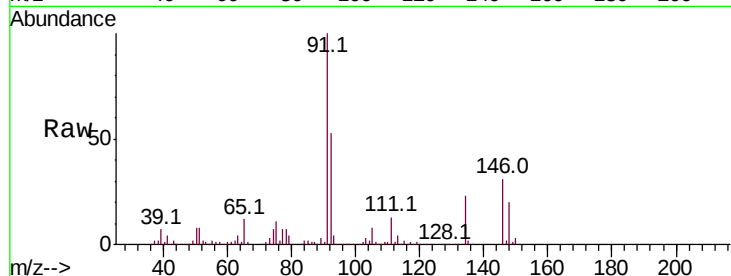




#89  
n-Butylbenzene  
Concen: 48.160 ug/l  
RT: 11.89 min Scan# 3332  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

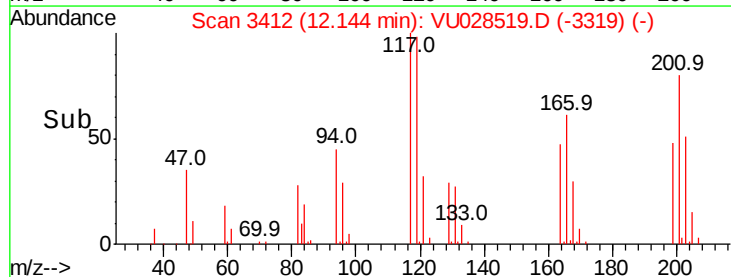
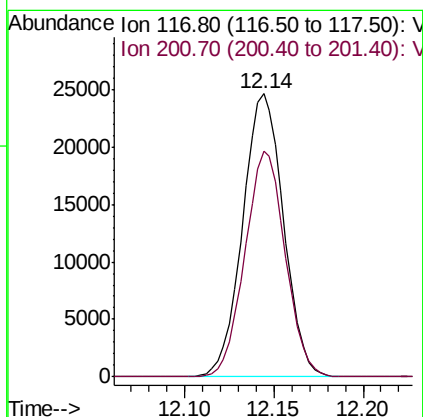
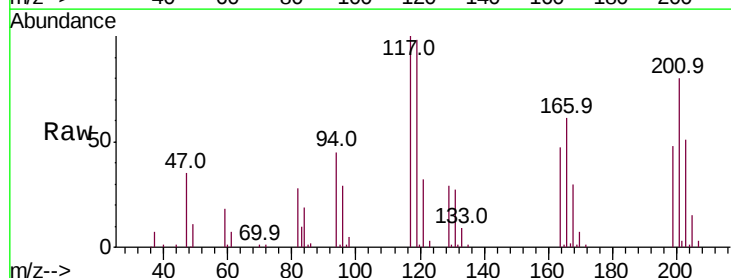
Instrument :  
MSVOA\_U  
ClientSampleId :

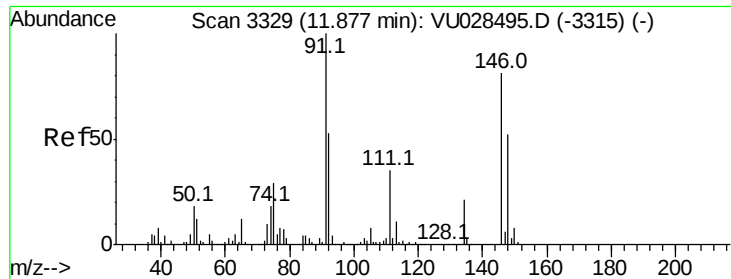
Tot Ion: 91 Resp: 261844  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.3 78.9  
134 22.8 11.3 33.8



#90  
Hexachloroethane  
Concen: 48.407 ug/l  
RT: 12.14 min Scan# 3412  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 117 Resp: 39307  
Ion Ratio Lower Upper  
117 100  
201 78.7 38.1 114.5

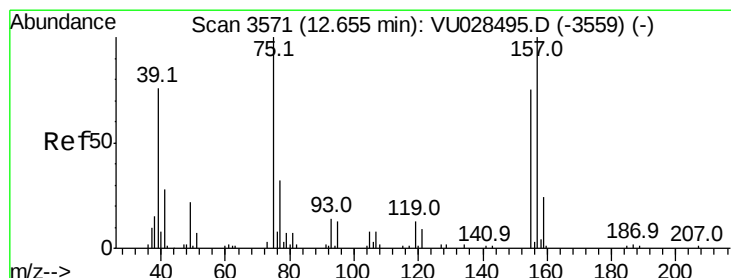
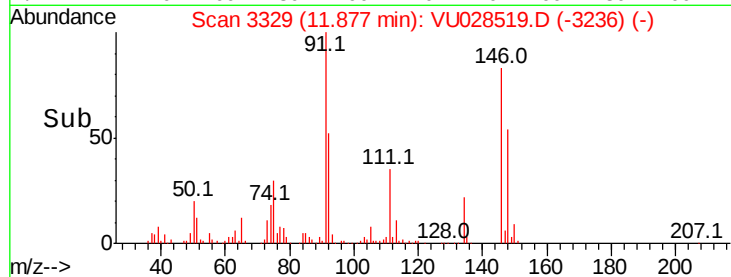
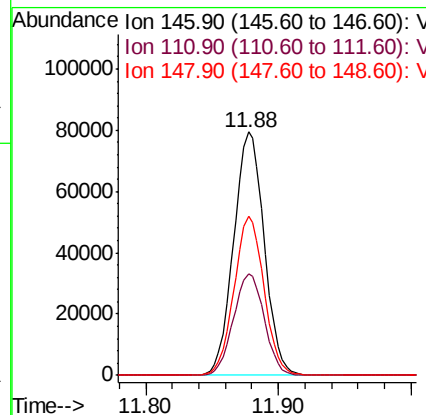
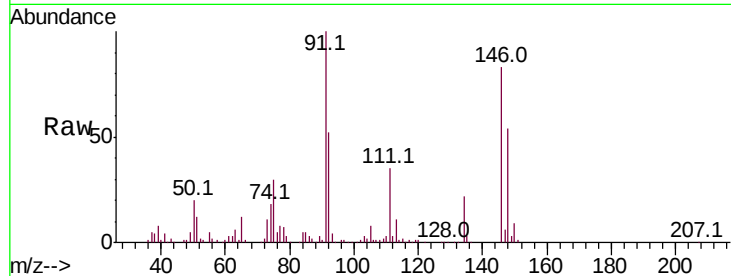




#91  
1,2-Dichlorobenzene  
Concen: 46.607 ug/l  
RT: 11.88 min Scan# 3329  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

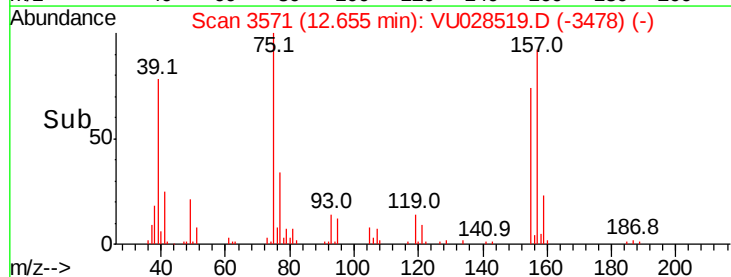
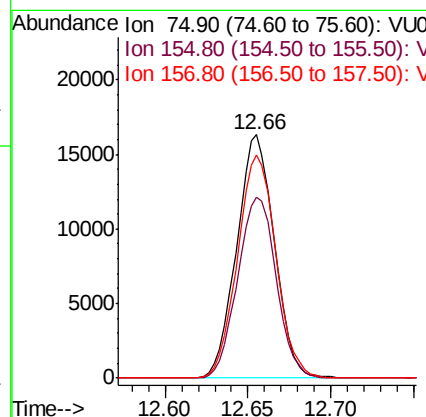
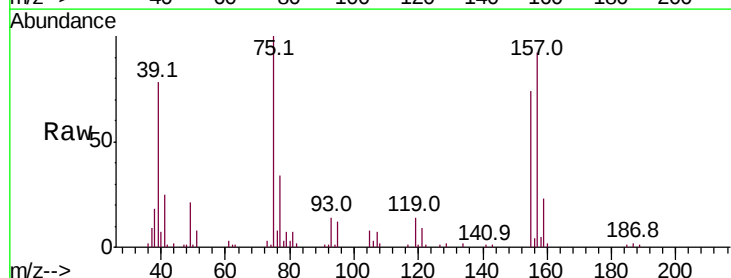
Instrument :  
MSVOA\_U  
ClientSampled :

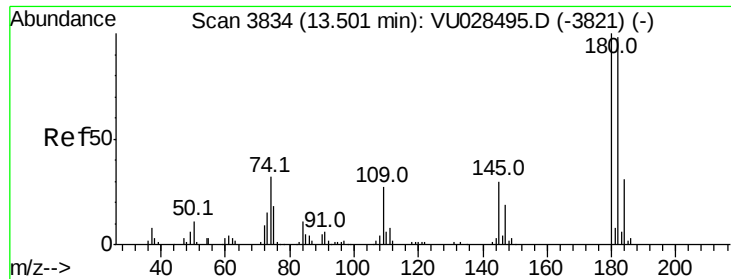
Tot Ion:146 Resp: 127031  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.1 63.4  
148 64.1 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.270 ug/l  
RT: 12.66 min Scan# 3571  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion: 75 Resp: 25796  
Ion Ratio Lower Upper  
75 100  
155 75.8 38.1 114.5  
157 93.2 48.7 146.1

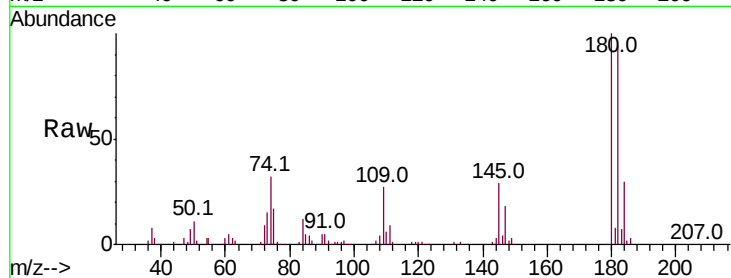




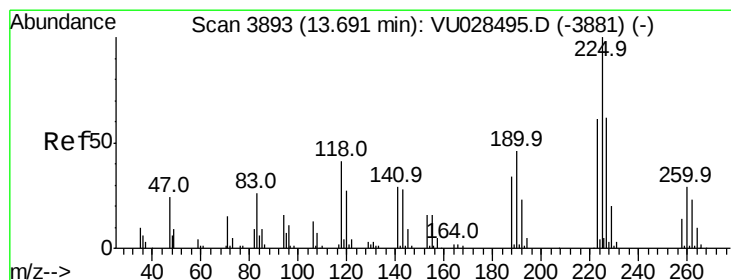
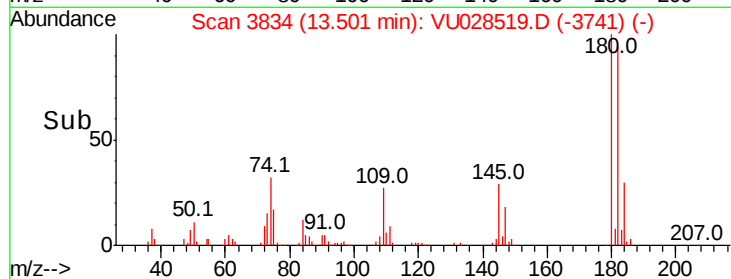
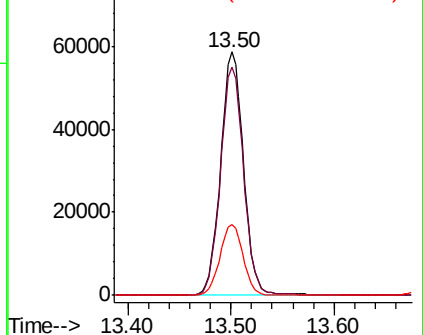
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.340 ug/l  
 RT: 13.50 min Scan# 3834  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Tot Ion:180 Resp: 90484  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 47.9 143.8  
 145 29.4 15.0 45.1

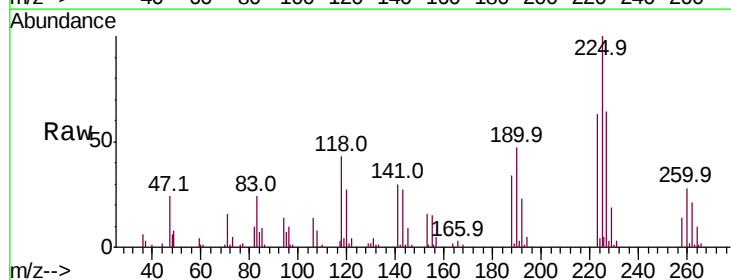


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

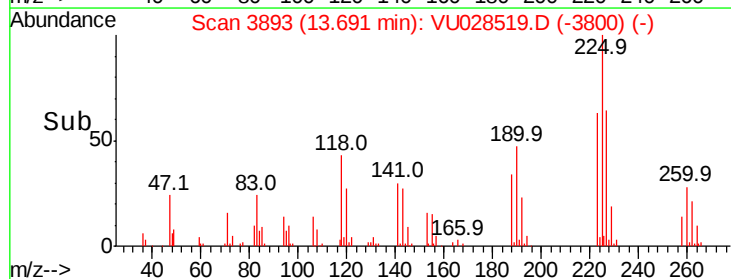
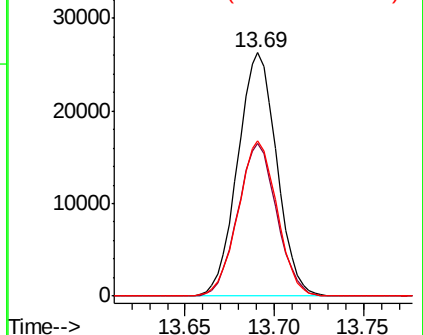


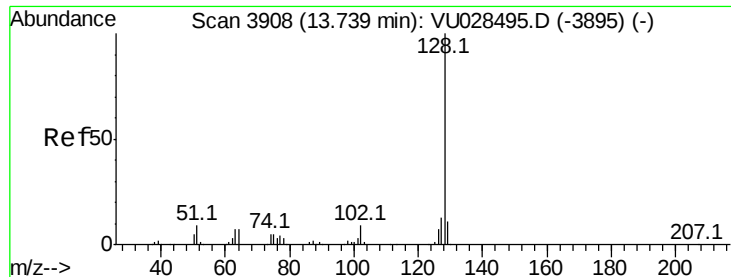
#94  
 Hexachlorobutadiene  
 Concen: 44.874 ug/l  
 RT: 13.69 min Scan# 3893  
 Delta R.T. -0.00 min  
 Lab File: VU028519.D  
 Acq: 06 Dec 2018 22:23

Tgt Ion:225 Resp: 40064  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 30.4 91.2  
 227 63.4 30.7 92.1



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

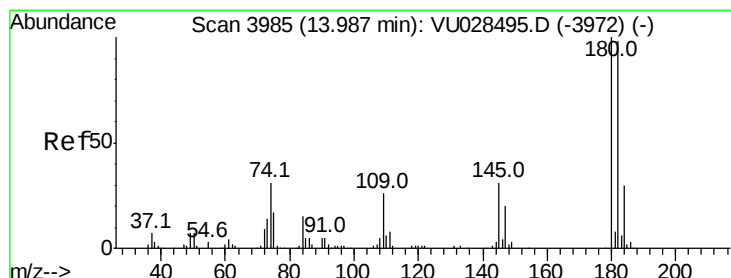
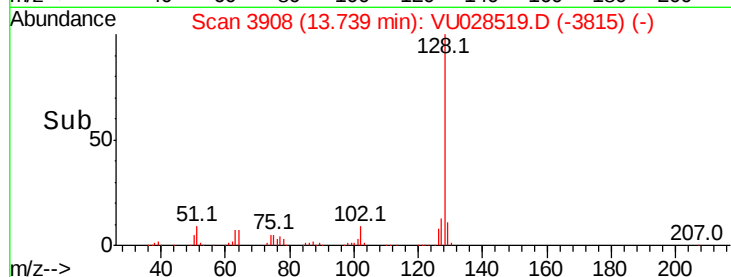
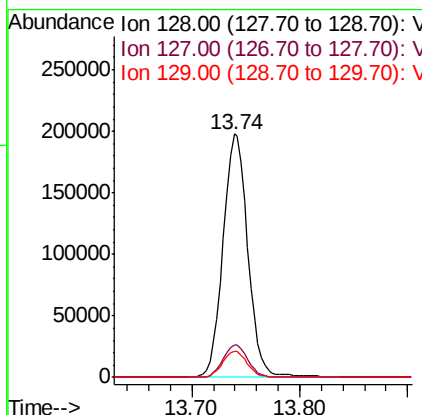
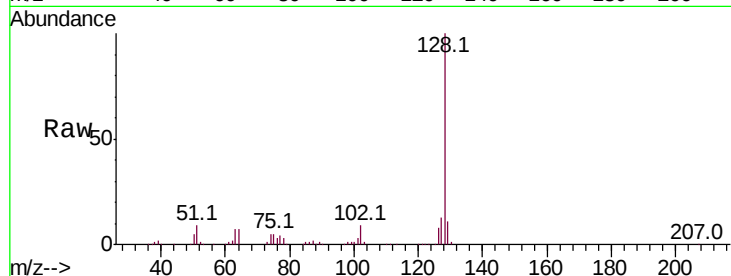




#95  
Naphthalene  
Concen: 48.416 ug/l  
RT: 13.74 min Scan# 3908  
Delta R.T. -0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion:128 Resp: 316659  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.4 15.6  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 48.963 ug/l  
RT: 13.99 min Scan# 3985  
Delta R.T. 0.00 min  
Lab File: VU028519.D  
Acq: 06 Dec 2018 22:23

Tgt Ion:180 Resp: 91264  
Ion Ratio Lower Upper  
180 100  
182 95.6 48.2 144.6  
145 31.6 15.8 47.3

