

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\  
 Data File : VD059412.D  
 Acq On : 25 Jun 2018 21:27  
 Operator : VA/AP  
 Sample : J3663-03MS  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

Quant Time: Jun 26 06:49:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 07:29:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 828480   | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 6.67  | 114  | 1045197  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 10.68 | 117  | 821311   | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.90 | 152  | 405678   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.00  | 65   | 370930   | 43.78  | ug/l   | -0.03    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 87.56% |          |
| 35) Dibromofluoromethane    | 5.53  | 113  | 377119   | 44.30  | ug/l   | -0.03    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 88.60% |          |
| 50) Toluene-d8              | 8.70  | 98   | 837455   | 42.08  | ug/l   | -0.02    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 84.16% |          |
| 62) 4-Bromofluorobenzene    | 11.92 | 95   | 368605   | 44.53  | ug/l   | -0.02    |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 89.06% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.33 | 85   | 348546   | 47.29   | ug/l  | 99     |
| 3) Chloromethane              | 1.47 | 50   | 172435   | 44.96   | ug/l  | # 86   |
| 4) Vinyl Chloride             | 1.54 | 62   | 192692   | 48.42   | ug/l  | 93     |
| 5) Bromomethane               | 1.78 | 94   | 80574    | 59.64   | ug/l  | 97     |
| 6) Chloroethane               | 1.87 | 64   | 87053    | 51.65   | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 2.07 | 101  | 301794   | 52.60   | ug/l  | 96     |
| 8) Diethyl Ether              | 2.33 | 74   | 70115    | 54.01   | ug/l  | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.54 | 101  | 183520   | 51.47   | ug/l  | 95     |
| 10) Methyl Iodide             | 2.67 | 142  | 210610   | 50.57   | ug/l  | 96     |
| 11) Tert butyl alcohol        | 3.26 | 59   | 81801    | 279.09  | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.53 | 96   | 136704   | 50.08   | ug/l  | 92     |
| 13) Acrolein                  | 2.46 | 56   | 58125    | 221.83  | ug/l  | 98     |
| 14) Allyl chloride            | 2.90 | 41   | 314143   | 50.28   | ug/l  | 98     |
| 15) Acrylonitrile             | 3.34 | 53   | 216948   | 241.17  | ug/l  | 95     |
| 16) Acetone                   | 2.60 | 43   | 1175477  | 1099.31 | ug/l  | 94     |
| 17) Carbon Disulfide          | 2.74 | 76   | 421202   | 50.38   | ug/l  | 98     |
| 18) Methyl Acetate            | 2.92 | 43   | 135504   | 59.02   | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.38 | 73   | 517928   | 38.55   | ug/l  | 99     |
| 20) Methylene Chloride        | 3.05 | 84   | 180016   | 61.27   | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 3.36 | 96   | 168661   | 34.94   | ug/l  | # 77   |
| 22) Diisopropyl ether         | 4.05 | 45   | 1112347  | 47.31   | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.99 | 43   | 3144458  | 256.71  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.95 | 63   | 661179   | 49.15   | ug/l  | 99     |
| 25) 2-Butanone                | 4.82 | 43   | 1170046  | 522.35  | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.78 | 77   | 523753   | 50.20   | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene    | 4.78 | 96   | 742394   | 91.53   | ug/l  | 93     |
| 28) Bromochloromethane        | 5.13 | 49   | 251501   | 43.12   | ug/l  | 95     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 296671   | 242.14  | ug/l  | 95     |
| 30) Chloroform                | 5.30 | 83   | 754002   | 51.42   | ug/l  | 95     |
| 31) Cyclohexane               | 5.58 | 56   | 453969   | 51.24   | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 620698   | 52.28   | ug/l  | 97     |
| 36) 1,1-Dichloropropene       | 5.73 | 75   | 469355   | 49.50   | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.91 | 43   | 288578   | 49.98   | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.71 | 117  | 522869   | 53.49   | ug/l  | 98     |

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 Sample : J3663-03MS  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

Quant Time: Jun 26 06:49:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 07:29:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.27  | 83   | 469338   | 52.19   | ug/l   | 97       |
| 40) Benzene                    | 5.99  | 78   | 1182649  | 51.98   | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.11  | 41   | 142633   | 51.29   | ug/l   | 89       |
| 42) 1,2-Dichloroethane         | 6.11  | 62   | 532848   | 53.00   | ug/l   | 93       |
| 43) Isopropyl Acetate          | 7.61  | 43   | 378303   | 52.17   | ug/l # | 99       |
| 44) Trichloroethene            | 6.97  | 130  | 394560   | 52.96   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.33  | 63   | 313540   | 49.75   | ug/l   | 97       |
| 46) Dibromomethane             | 7.45  | 93   | 231443   | 51.07   | ug/l   | 89       |
| 47) Bromodichloromethane       | 7.72  | 83   | 538186   | 53.07   | ug/l # | 96       |
| 48) Methyl methacrylate        | 7.49  | 41   | 237311   | 53.72   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 7.48  | 88   | 48838    | 1102.29 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 8.58  | 43   | 1935732  | 400.61  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 758899   | 55.85   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.17  | 75   | 453000   | 53.46   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.35  | 75   | 509874   | 51.96   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.44  | 97   | 269157   | 54.56   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.30  | 69   | 303830   | 53.97   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.65  | 76   | 419947   | 52.05   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.18  | 63   | 734372   | 253.40  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.77  | 43   | 1027835  | 299.29  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.95  | 129  | 375008   | 54.28   | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 10.08 | 107  | 286806   | 52.20   | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.50  | 164  | 404963   | 56.21   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.72 | 112  | 3653934  | 243.31  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.84 | 131  | 309152   | 53.63   | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.85 | 91   | 1387279  | 54.74   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.00 | 106  | 1030759  | 122.60  | ug/l   | 96       |
| 69) o-Xylene                   | 11.40 | 106  | 446316   | 53.69   | ug/l   | 100      |
| 70) Styrene                    | 11.43 | 104  | 740302   | 51.96   | ug/l   | 98       |
| 71) Bromoform                  | 11.59 | 173  | 271718   | 56.90   | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.76 | 105  | 1267276  | 55.36   | ug/l   | 98       |
| 74) N-amyl acetate             | 11.64 | 43   | 593233   | 68.11   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.07 | 83   | 313549   | 58.38   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 323572   | 57.83   | ug/l   | 96       |
| 77) Bromobenzene               | 12.04 | 156  | 387446   | 53.77   | ug/l   | 82       |
| 78) n-propylbenzene            | 12.15 | 91   | 1757053  | 60.60   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.21 | 91   | 970566   | 57.00   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.31 | 105  | 1365423  | 74.92   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75   | 74381    | 58.48   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.32 | 91   | 1002845  | 51.94   | ug/l   | 94       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 1015000  | 52.36   | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 2105719  | 109.18  | ug/l   | 93       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 1378116  | 57.93   | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 1091427  | 56.92   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.83 | 146  | 1833195  | 154.65  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene        | 12.92 | 146  | 2951695  | 252.33  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.19 | 91   | 557373   | 29.45   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.40 | 117  | 301629   | 63.05   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.21 | 146  | 7514819  | 747.71  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 57855    | 65.33   | ug/l   | 78       |

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Data File : VD059412.D  
Acq On : 25 Jun 2018 21:27  
Operator : VA/AP  
Sample : J3663-03MS  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

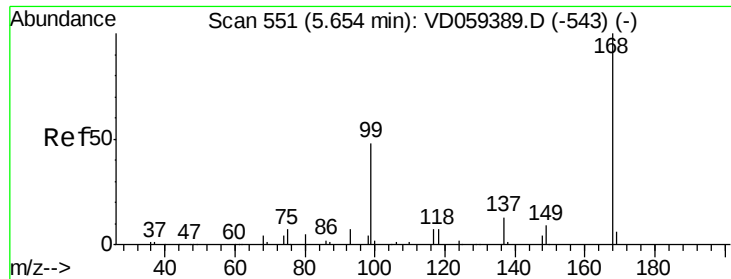
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Quant Time: Jun 26 06:49:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 07:29:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.33 | 180  | 611430   | 65.80  | µg/l  | 94       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 393954   | 56.34  | µg/l  | 99       |
| 95) Naphthalene            | 14.51 | 128  | 1407874  | 108.71 | µg/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 473691   | 56.70  | µg/l  | 98       |

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

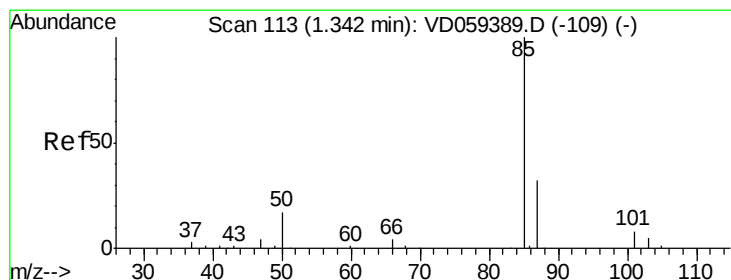
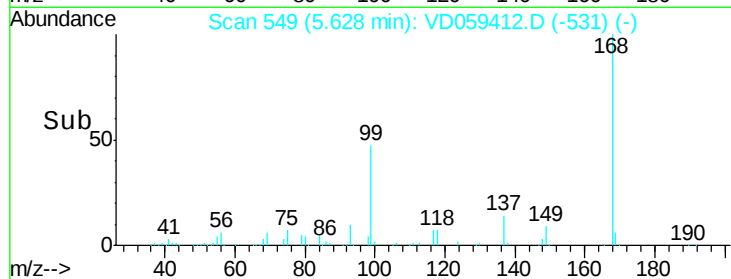
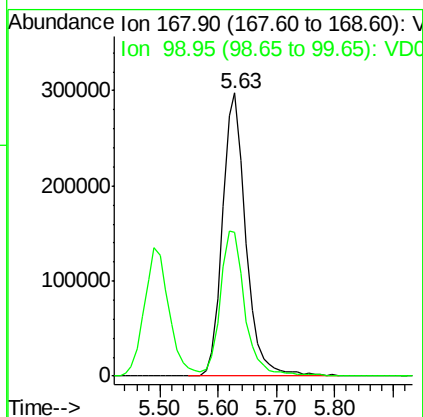
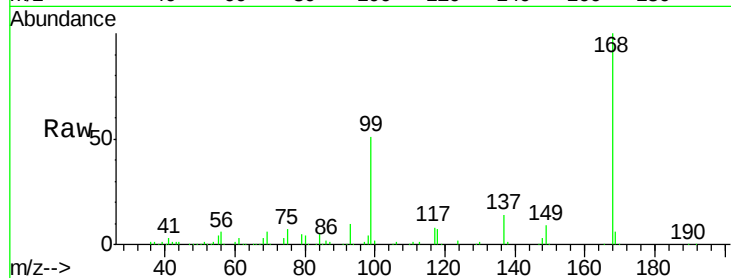




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.63 min Scan# 549  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

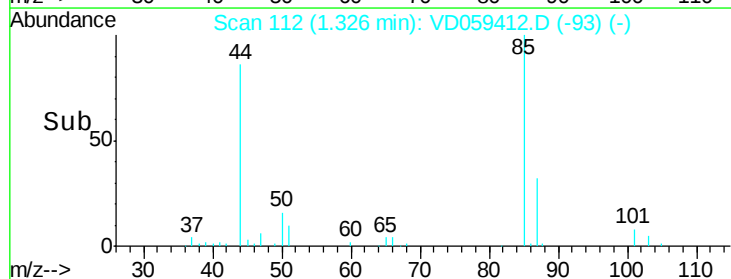
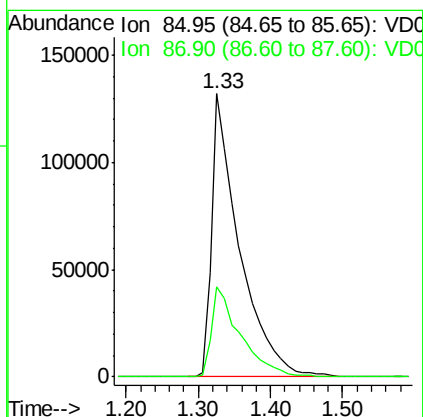
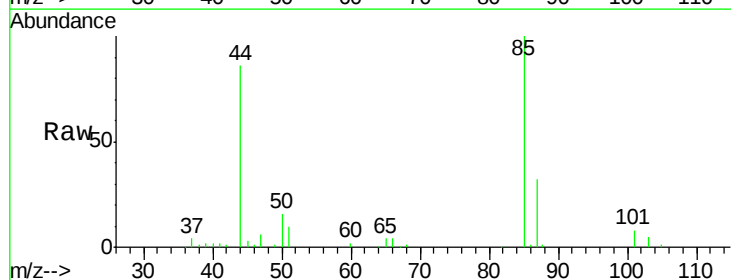
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

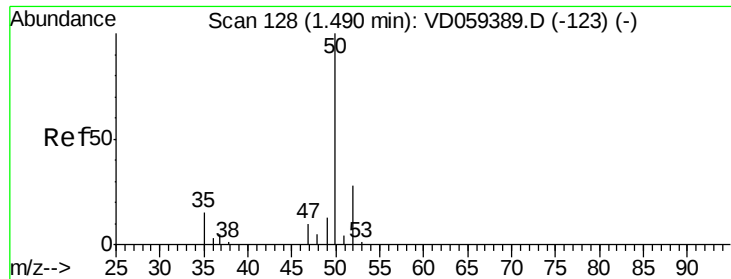
Tot Ion:168 Resp: 828480  
Ion Ratio Lower Upper  
168 100  
99 50.6 41.0 61.6



#2  
Dichlorodifluoromethane  
Concen: 47.29 ug/l  
RT: 1.33 min Scan# 112  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 85 Resp: 348546  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.2 48.6





#3

Chloromethane

Concen: 44.96 ug/l

RT: 1.47 min Scan# 127

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

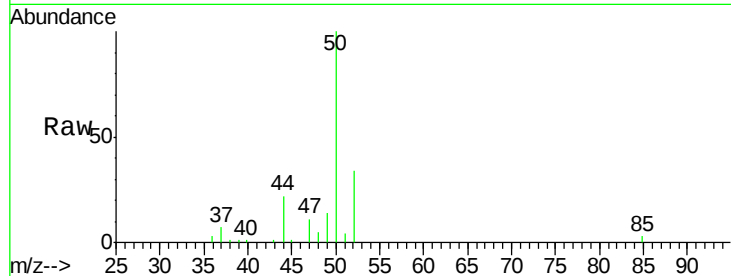
WP021SB472-13-15-180618MS

Tot Ion: 50 Resp: 172435

Ion Ratio Lower Upper

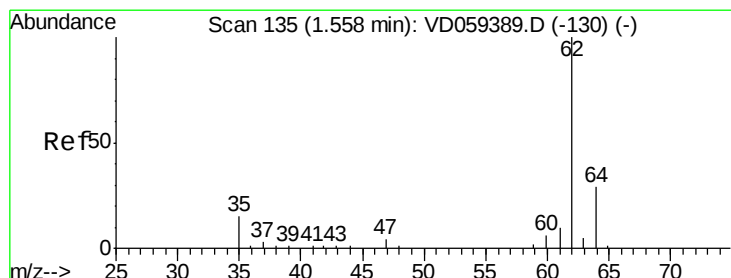
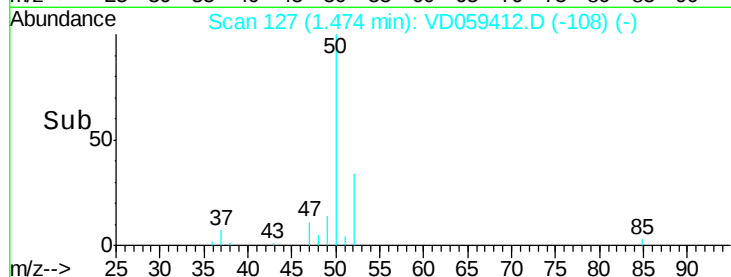
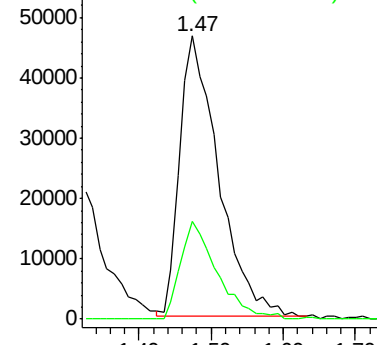
50 100

52 34.4 21.8 32.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.42 ug/l

RT: 1.54 min Scan# 134

Delta R.T. -0.02 min

Lab File: VD059412.D

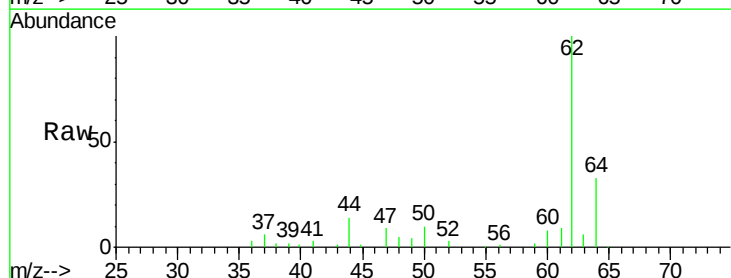
Acq: 25 Jun 2018 21:27

Tgt Ion: 62 Resp: 192692

Ion Ratio Lower Upper

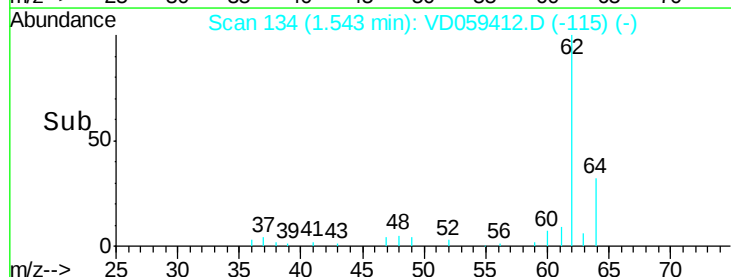
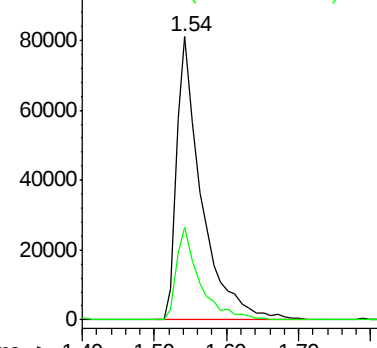
62 100

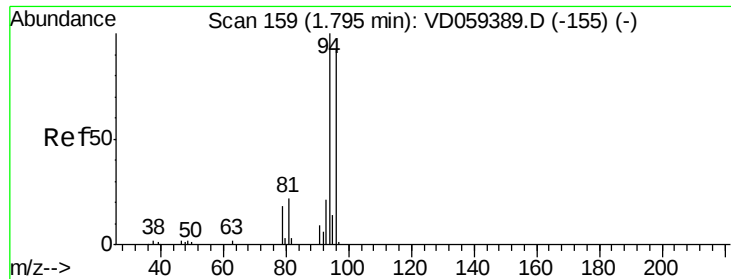
64 32.7 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 59.64 ug/l

RT: 1.78 min Scan# 158

Delta R.T. -0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

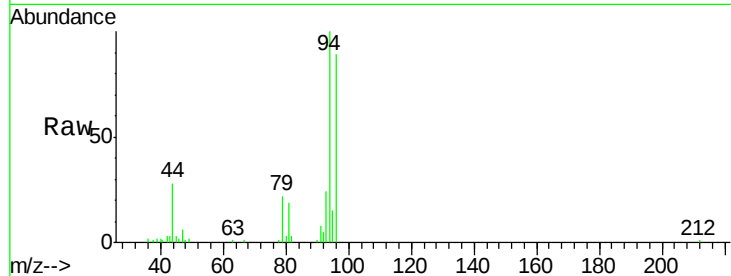
WP021SB472-13-15-180618MS

Tot Ion: 94 Resp: 80574

Ion Ratio Lower Upper

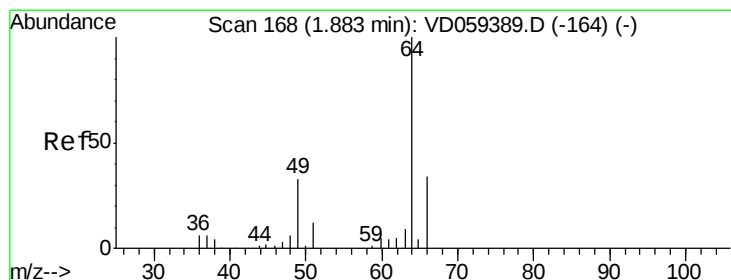
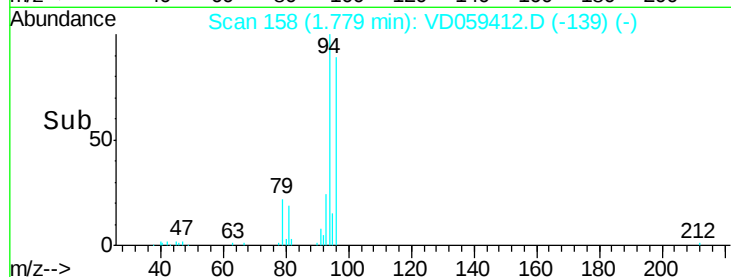
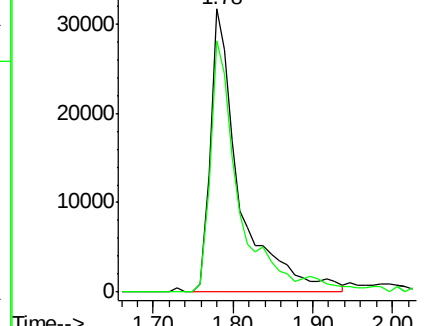
94 100

96 88.6 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.65 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.02 min

Lab File: VD059412.D

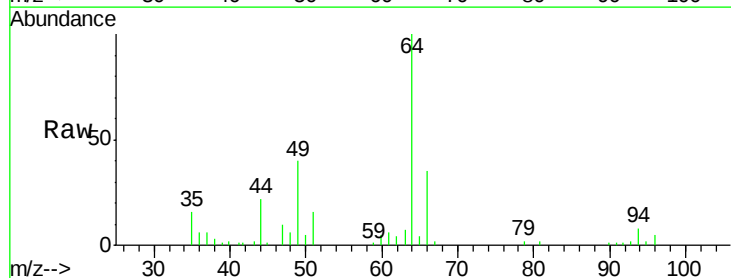
Acq: 25 Jun 2018 21:27

Tgt Ion: 64 Resp: 87053

Ion Ratio Lower Upper

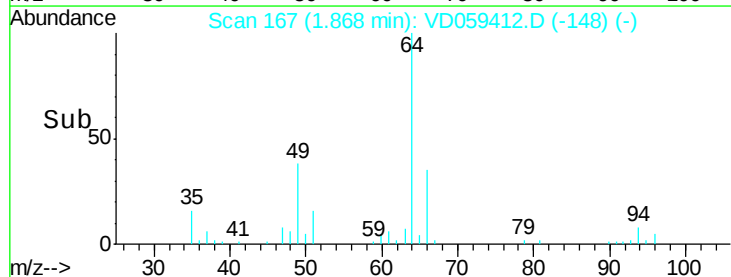
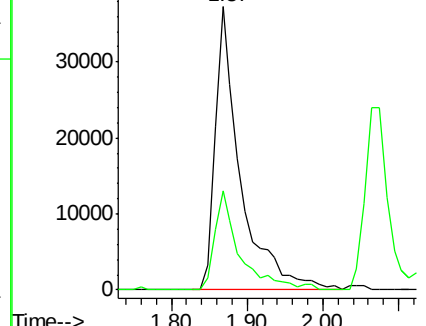
64 100

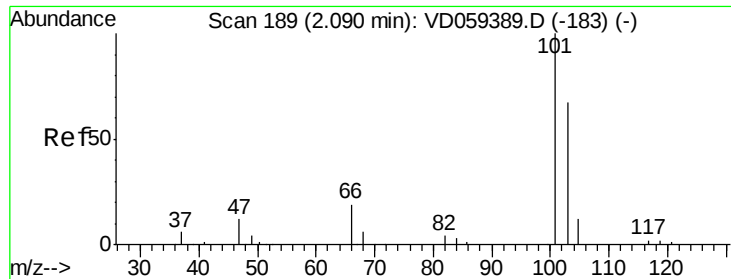
66 35.0 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



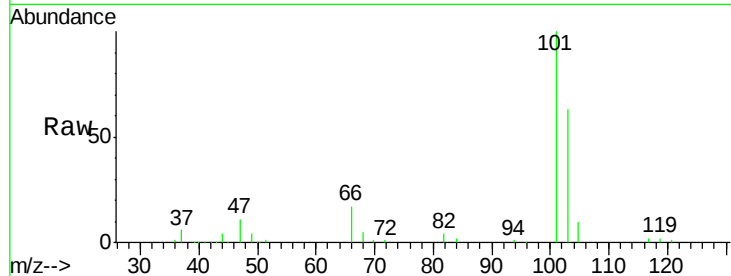


#7

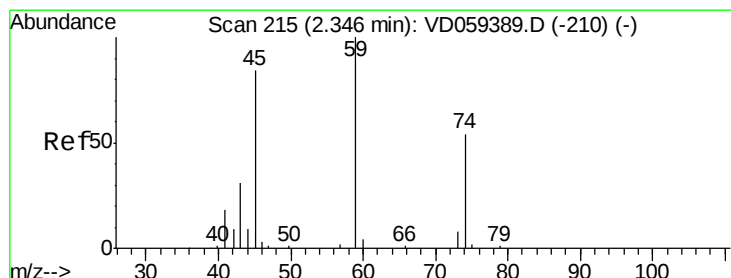
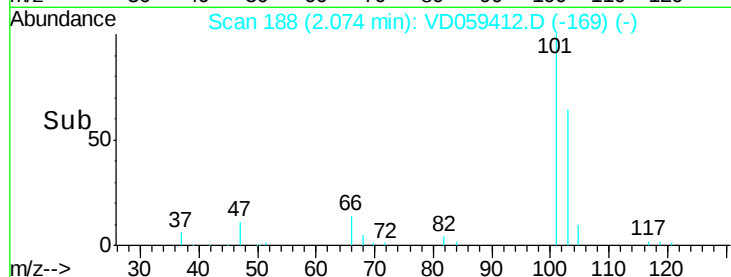
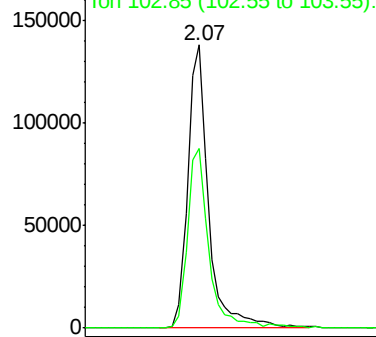
Trichlorofluoromethane  
Concen: 52.60 ug/l  
RT: 2.07 min Scan# 188  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Tot Ion:101 Resp: 301794  
Ion Ratio Lower Upper  
101 100  
103 63.4 53.4 80.0



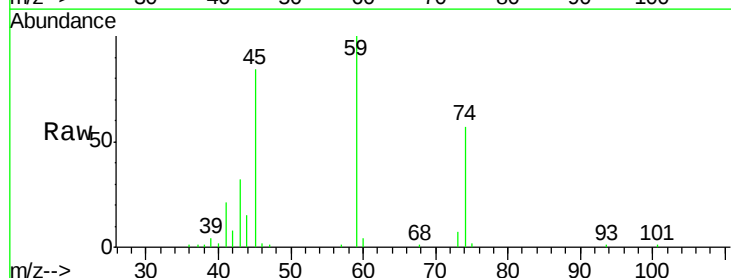
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



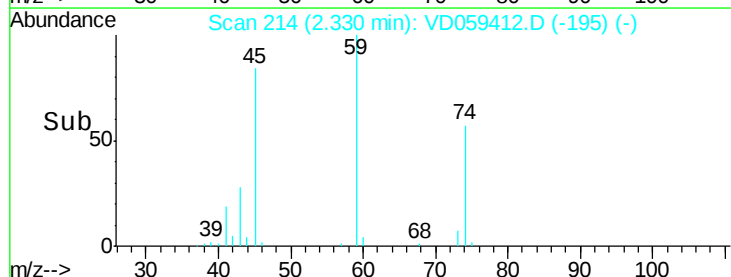
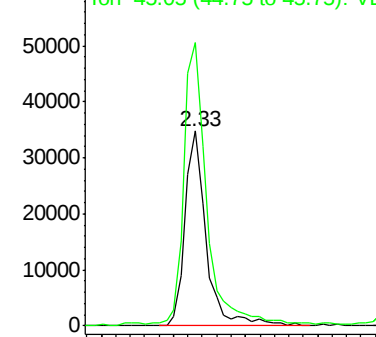
#8

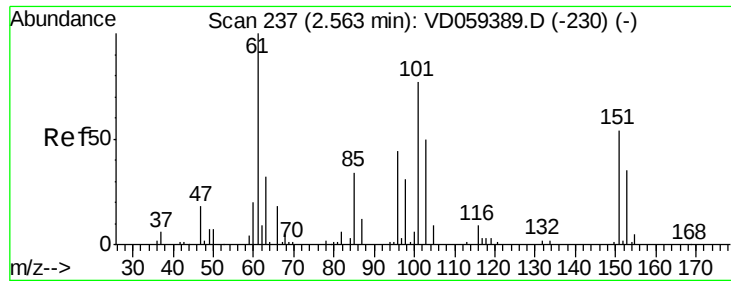
Diethyl Ether  
Concen: 54.01 ug/l  
RT: 2.33 min Scan# 214  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 74 Resp: 70115  
Ion Ratio Lower Upper  
74 100  
45 145.4 78.0 233.8



Abundance Ion 74.00 (73.70 to 74.70): VDC  
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.47 ug/l

RT: 2.54 min Scan# 235

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

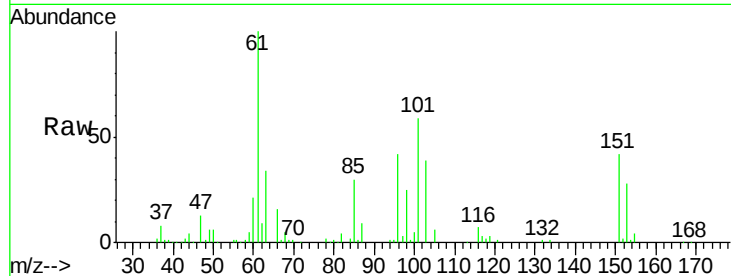
Tot Ion:101 Resp: 183520

Ion Ratio Lower Upper

101 100

85 50.9 35.7 53.5

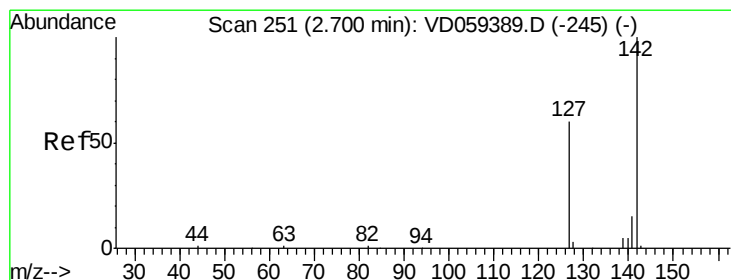
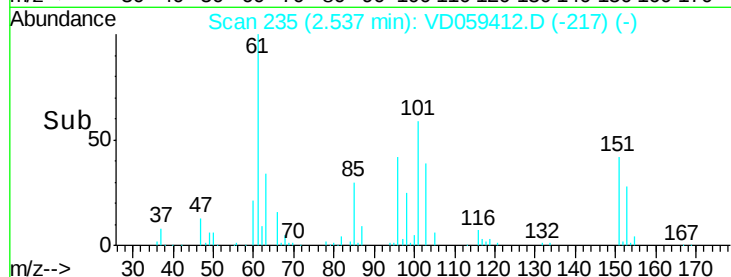
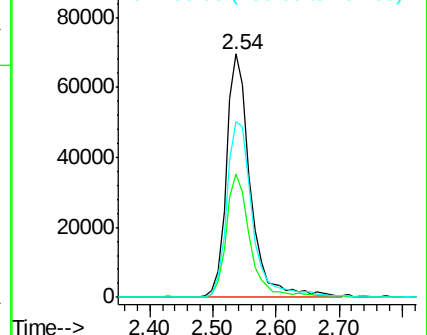
151 72.1 55.8 83.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 50.57 ug/l

RT: 2.67 min Scan# 249

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

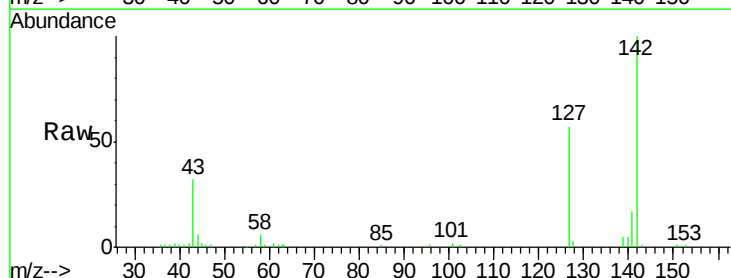
Tgt Ion:142 Resp: 210610

Ion Ratio Lower Upper

142 100

127 57.1 48.4 72.6

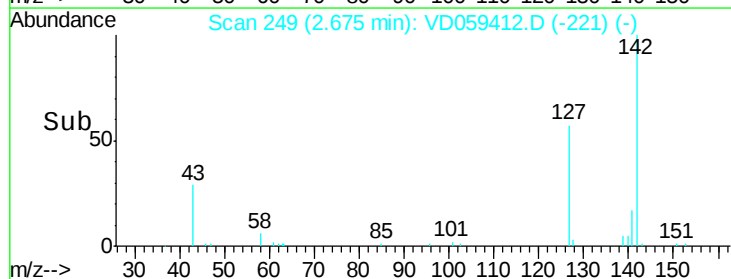
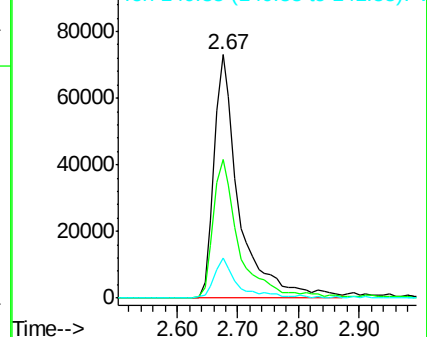
141 16.5 12.1 18.1

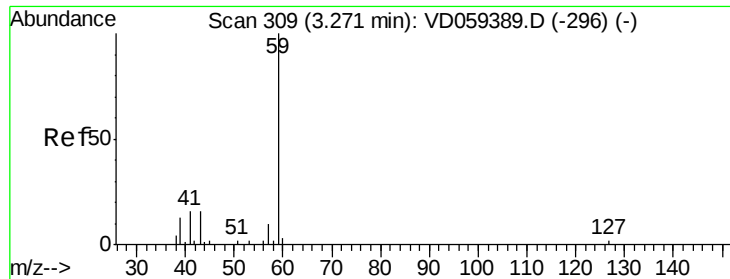


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



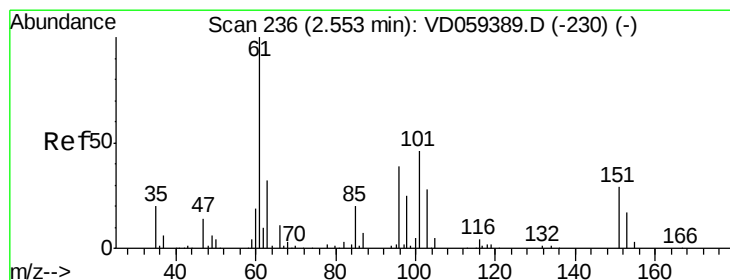
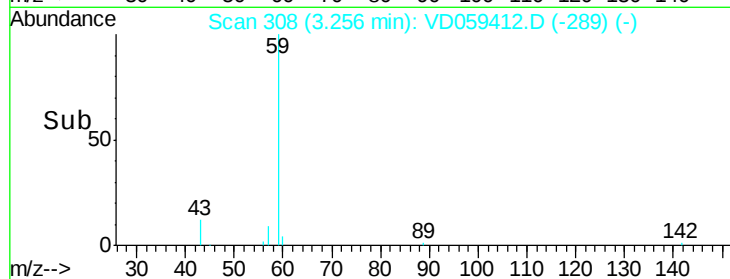
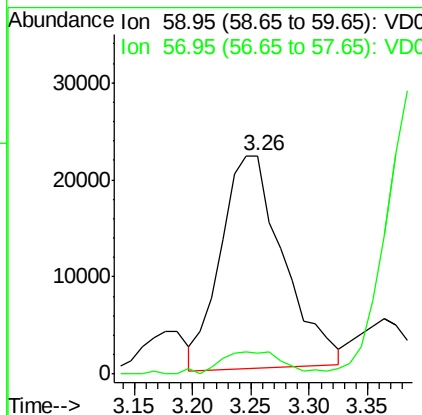
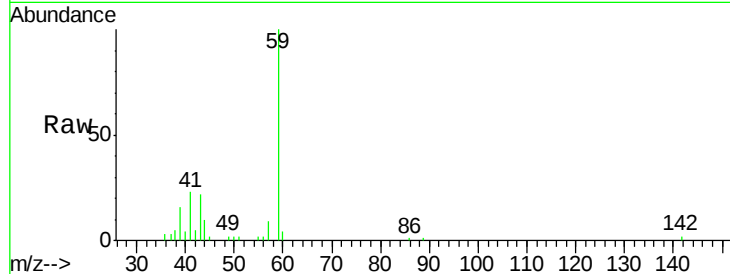


#11

Tert butyl alcohol  
 Concen: 279.09 ug/l  
 RT: 3.26 min Scan# 308  
 Delta R.T. -0.02 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

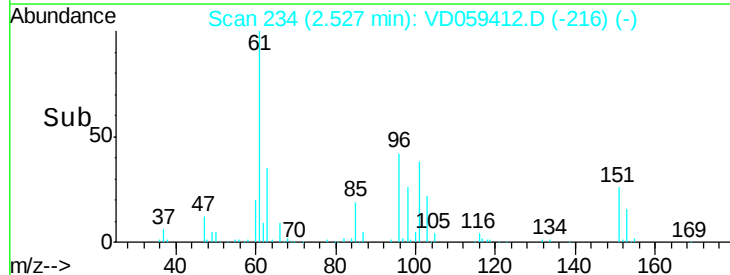
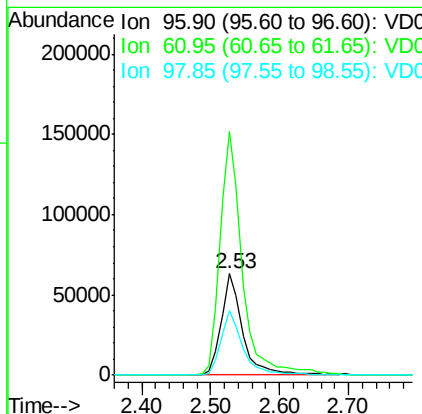
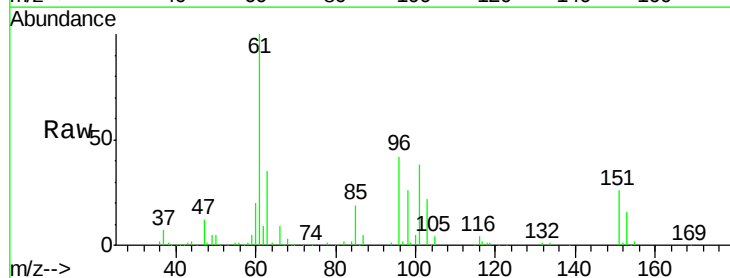
Tot Ion: 59 Resp: 81801  
 Ion Ratio Lower Upper  
 59 100  
 57 9.5 8.3 12.5

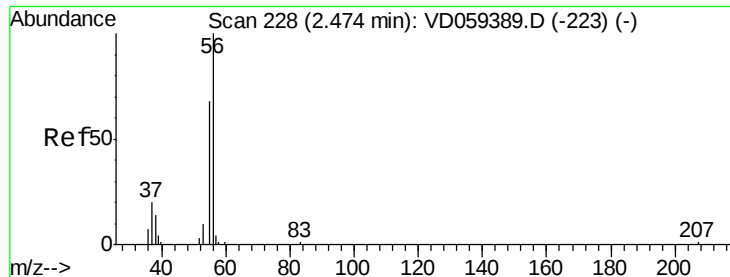


#12

1,1-Dichloroethene  
 Concen: 50.08 ug/l  
 RT: 2.53 min Scan# 234  
 Delta R.T. -0.03 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion: 96 Resp: 136704  
 Ion Ratio Lower Upper  
 96 100  
 61 239.9 205.4 308.0  
 98 63.2 51.0 76.4





#13

Acrolein

Concen: 221.83 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

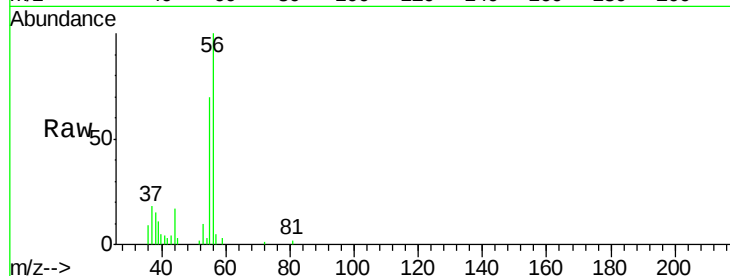
WP021SB472-13-15-180618MS

Tot Ion: 56 Resp: 58125

Ion Ratio Lower Upper

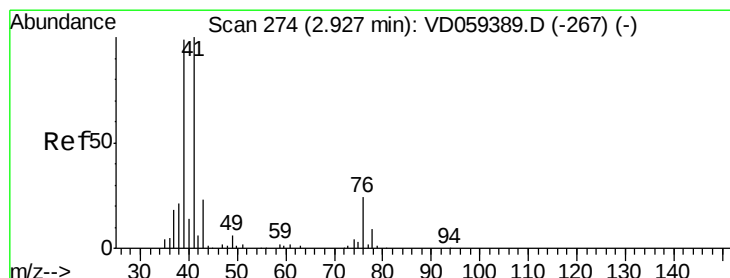
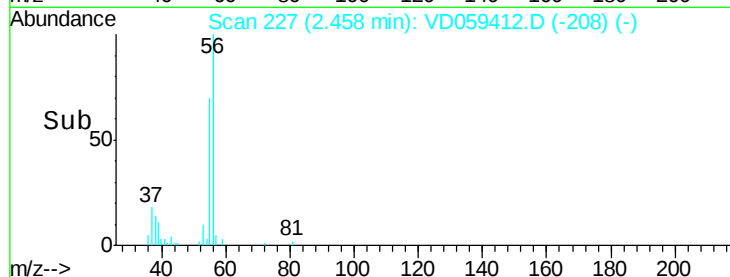
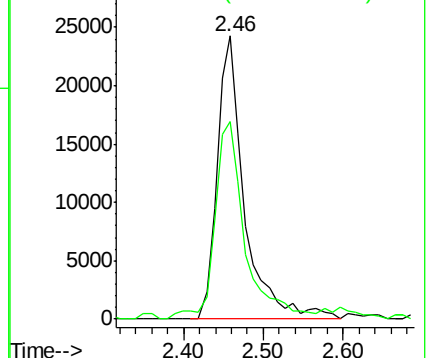
56 100

55 70.0 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.28 ug/l

RT: 2.90 min Scan# 272

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

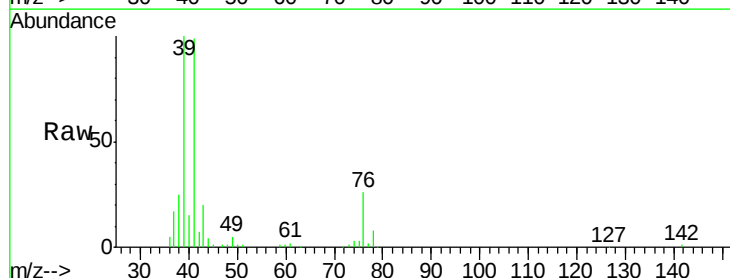
Tgt Ion: 41 Resp: 314143

Ion Ratio Lower Upper

41 100

39 101.2 79.1 118.7

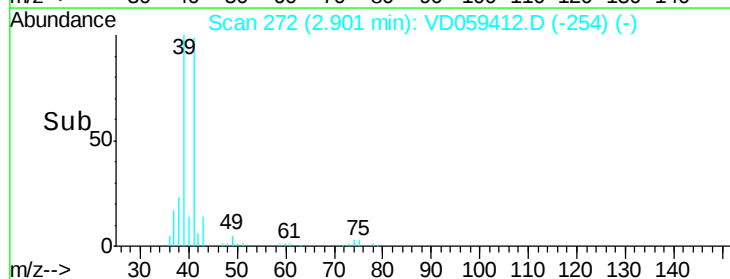
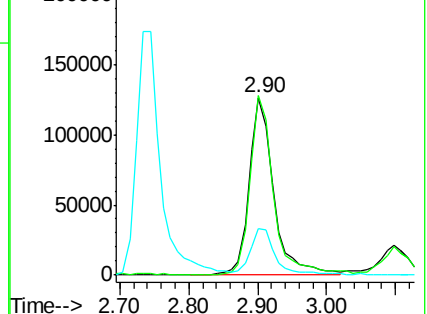
76 26.5 21.9 32.9

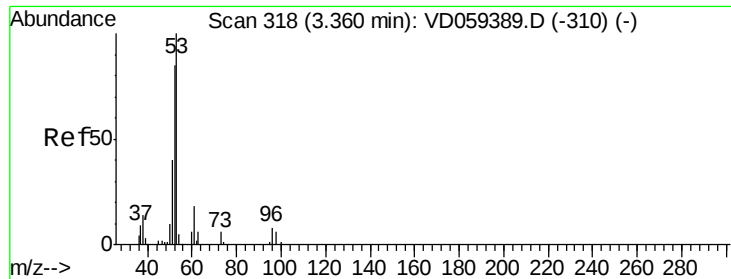


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 241.17 ug/l

RT: 3.34 min Scan# 317

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

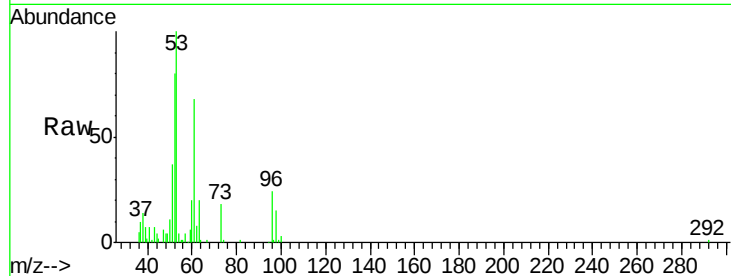
Tot Ion: 53 Resp: 216948

Ion Ratio Lower Upper

53 100

52 79.7 67.9 101.9

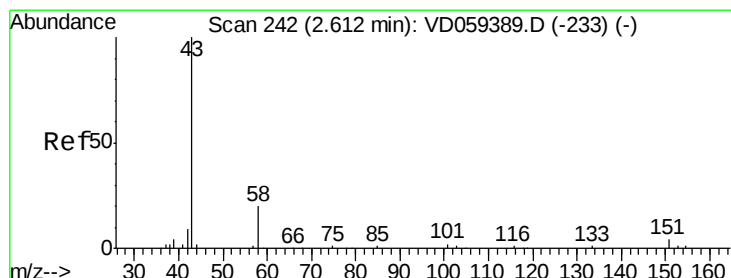
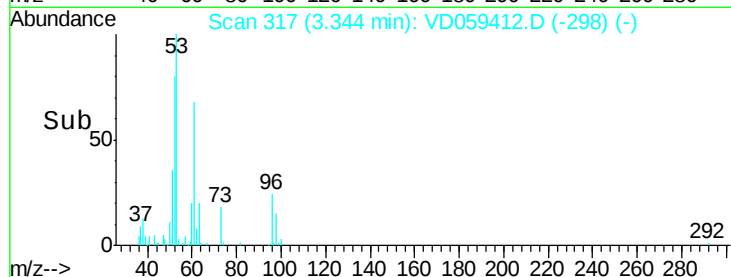
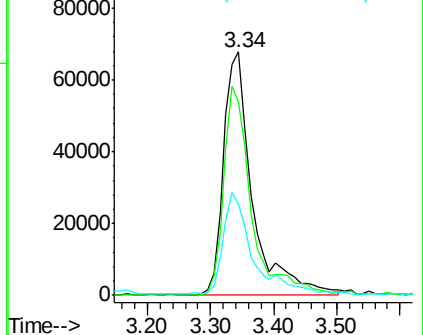
51 37.5 32.2 48.4



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 1099.31 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD059412.D

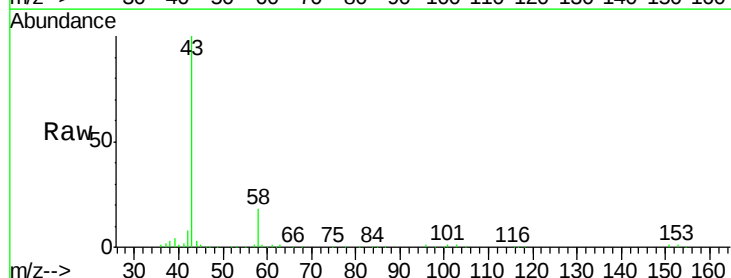
Acq: 25 Jun 2018 21:27

Tgt Ion: 43 Resp: 1175477

Ion Ratio Lower Upper

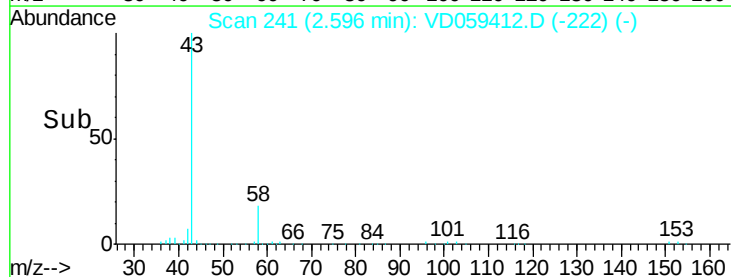
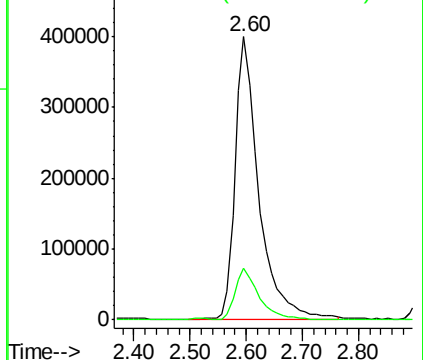
43 100

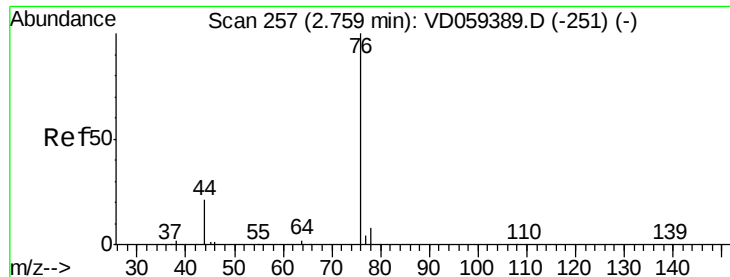
58 18.4 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

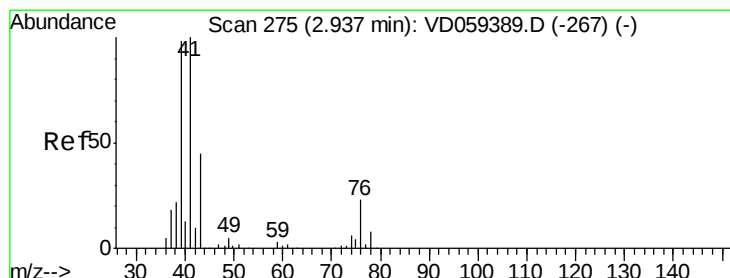
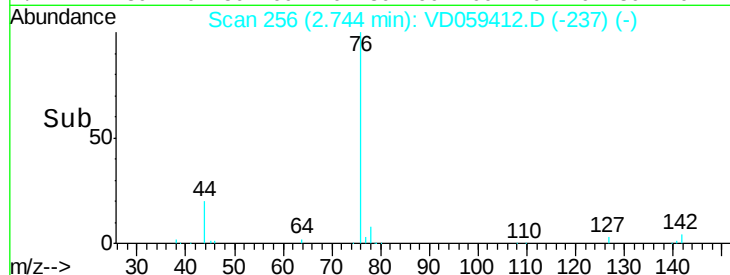
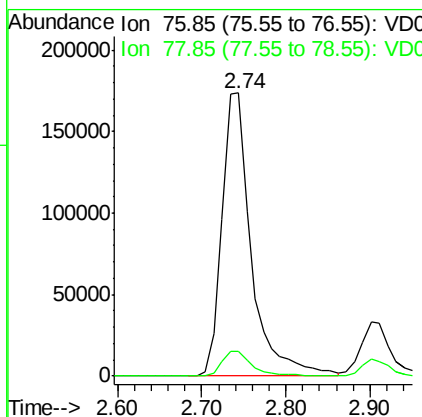
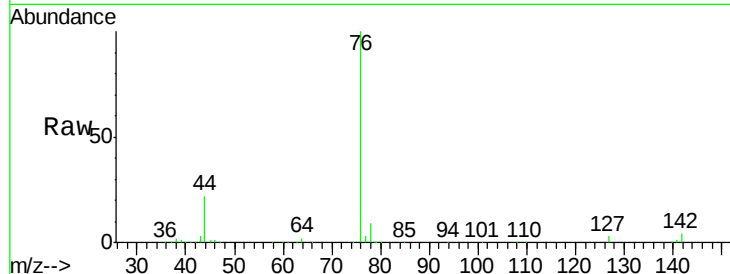




#17  
Carbon Disulfide  
Concen: 50.38 ug/l  
RT: 2.74 min Scan# 256  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

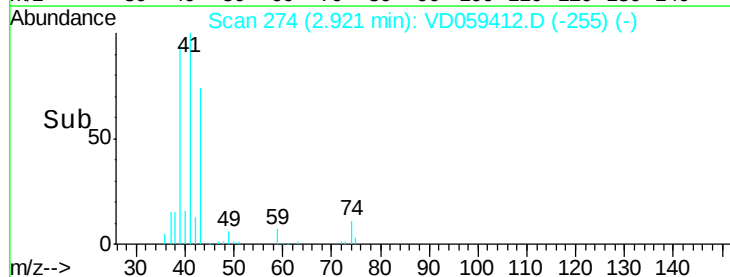
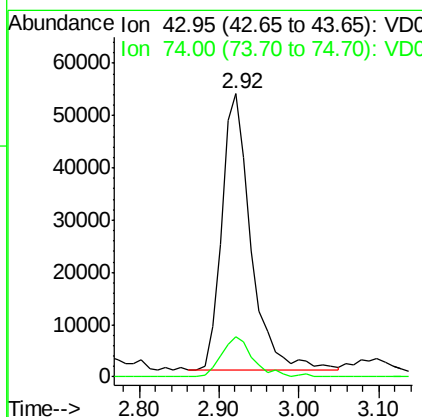
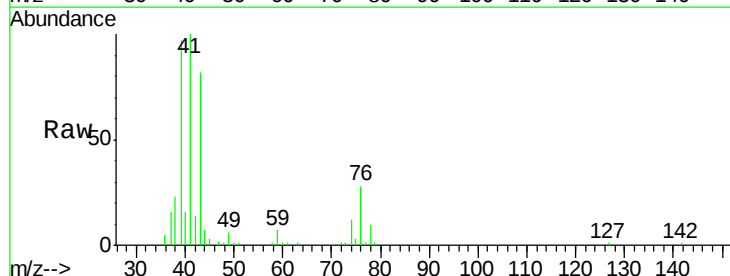
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

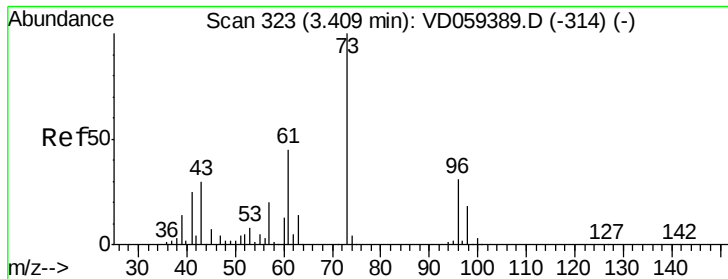
Tot Ion: 76 Resp: 421202  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.6 9.8



#18  
Methyl Acetate  
Concen: 59.02 ug/l  
RT: 2.92 min Scan# 274  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 43 Resp: 135504  
Ion Ratio Lower Upper  
43 100  
74 14.3 11.0 16.4

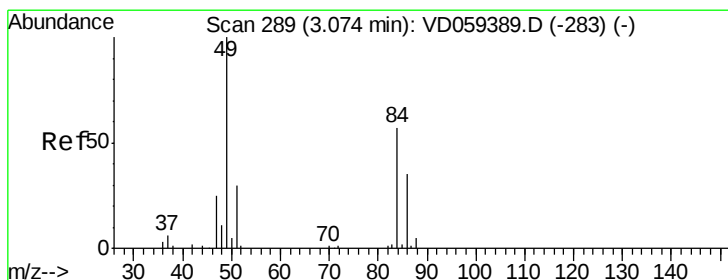
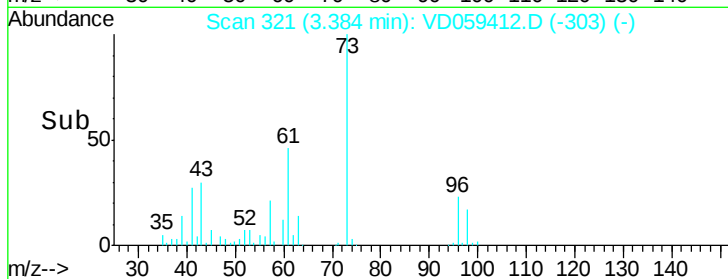
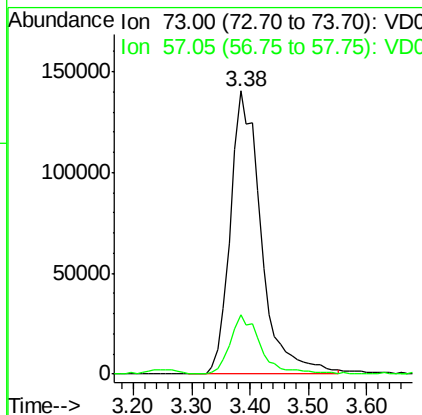
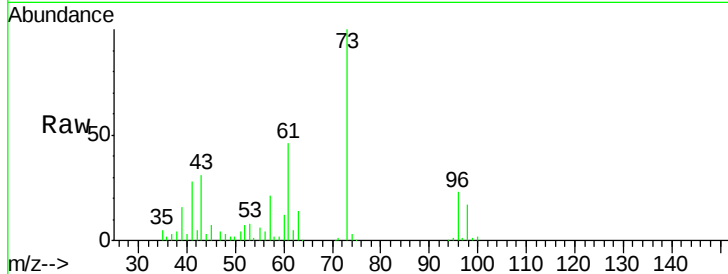




#19  
Methvl tert-butvl Ether  
Concen: 38.55 ug/l  
RT: 3.38 min Scan# 321  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

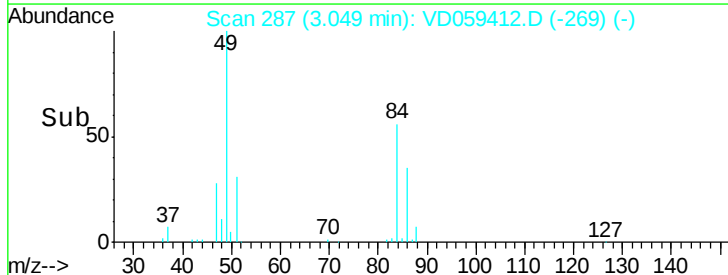
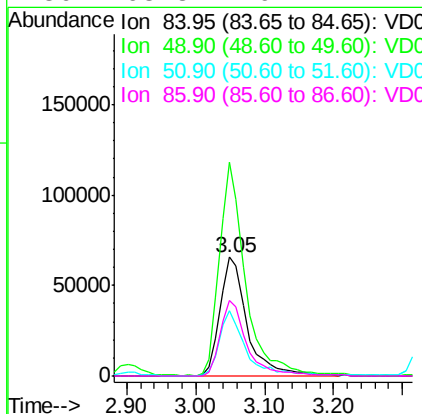
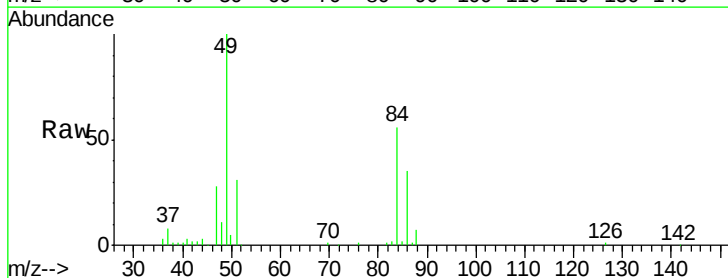
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

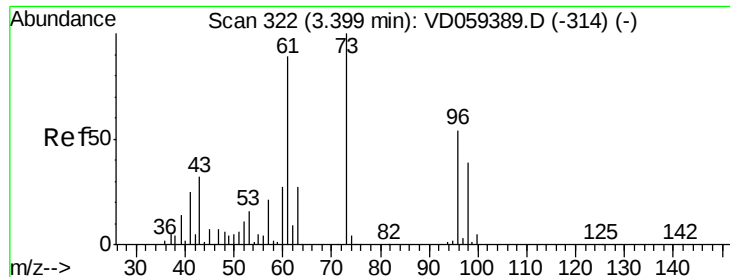
Tot Ion: 73 Resp: 517928  
Ion Ratio Lower Upper  
73 100  
57 20.8 16.1 24.1



#20  
Methylene Chloride  
Concen: 61.27 ug/l  
RT: 3.05 min Scan# 287  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 84 Resp: 180016  
Ion Ratio Lower Upper  
84 100  
49 179.5 140.3 210.5  
51 55.0 41.6 62.4  
86 63.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 34.94 ug/l

RT: 3.36 min Scan# 319

Delta R.T. -0.04 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

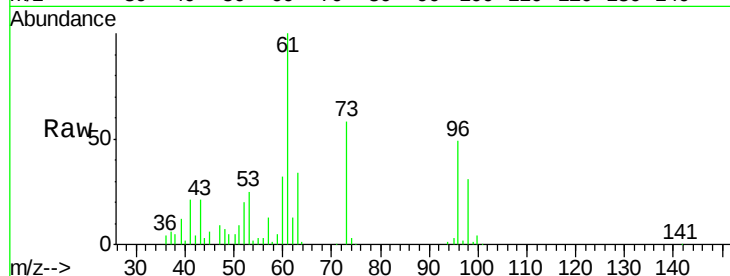
Tot Ion: 96 Resp: 168661

Ion Ratio Lower Upper

96 100

61 202.1 131.0 196.4#

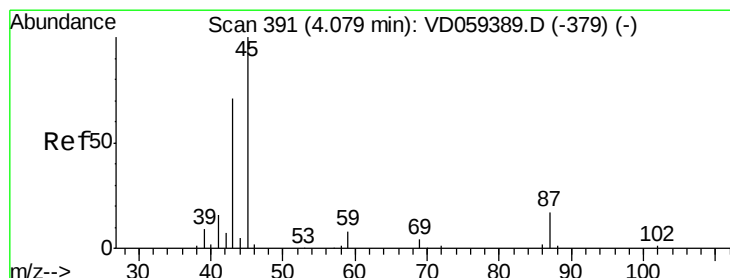
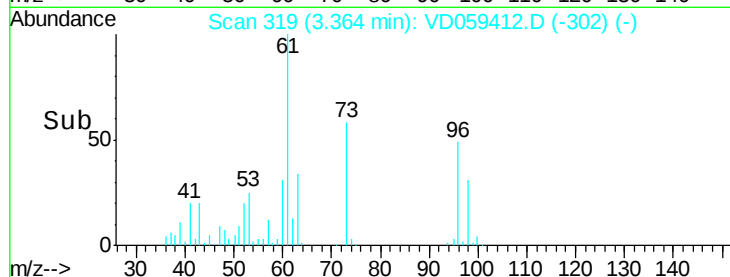
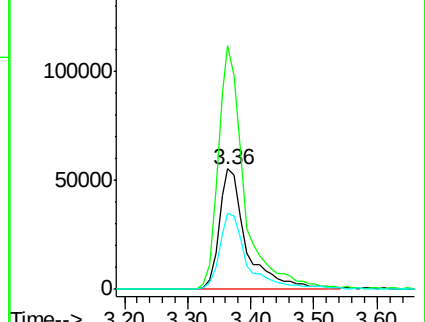
98 63.4 56.8 85.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 47.31 ug/l

RT: 4.05 min Scan# 389

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Tgt Ion: 45 Resp: 1112347

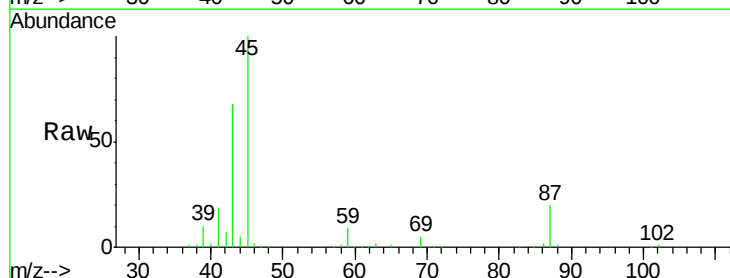
Ion Ratio Lower Upper

45 100

43 67.9 56.9 85.3

87 19.7 14.2 21.4

59 8.8 7.0 10.4

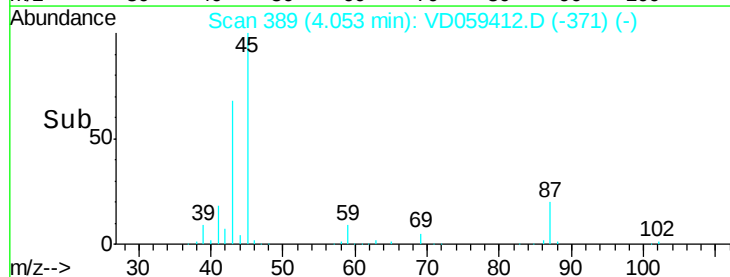
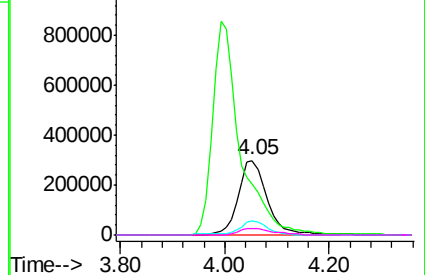


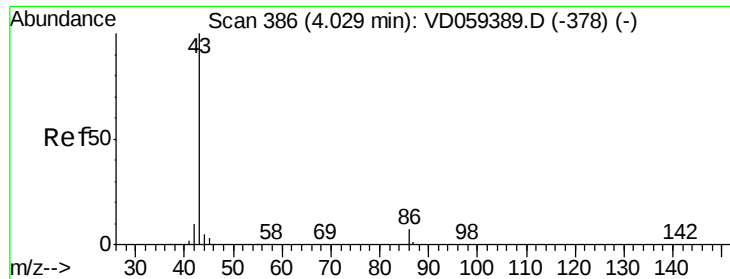
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 256.71 ug/l

RT: 3.99 min Scan# 383

Delta R.T. -0.04 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

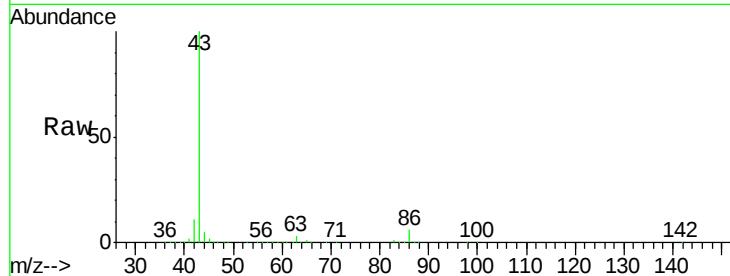
WP021SB472-13-15-180618MS

Tot Ion: 43 Resp: 3144458

Ion Ratio Lower Upper

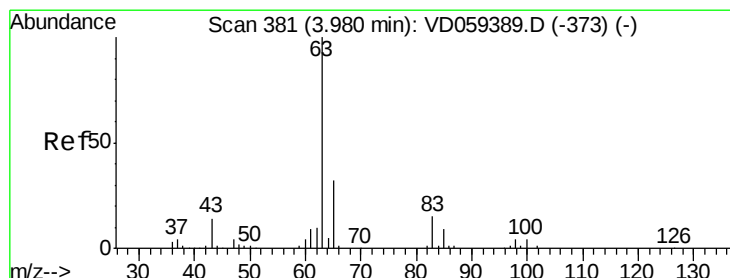
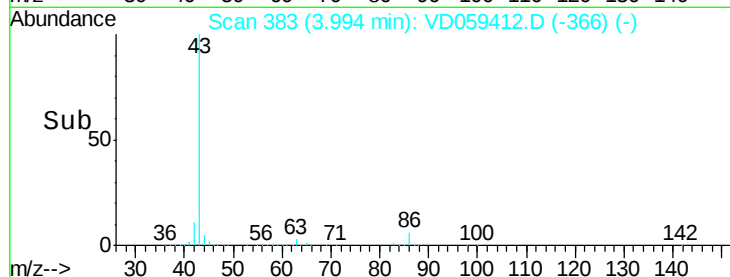
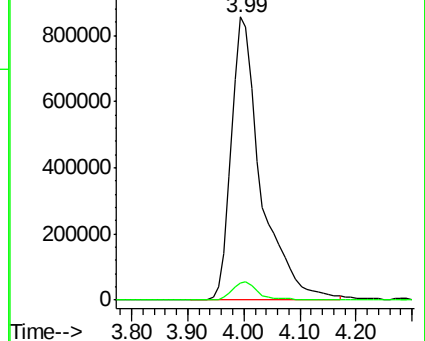
43 100

86 6.2 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.15 ug/l

RT: 3.95 min Scan# 379

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

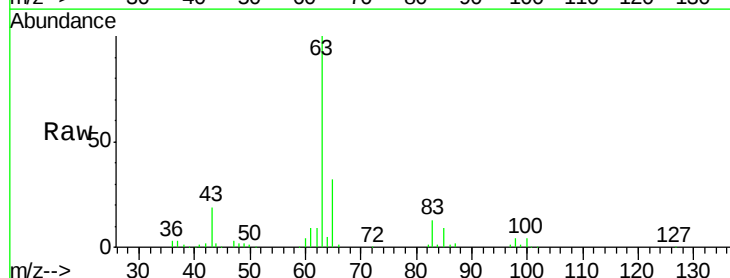
Tgt Ion: 63 Resp: 661179

Ion Ratio Lower Upper

63 100

98 3.7 2.1 6.5

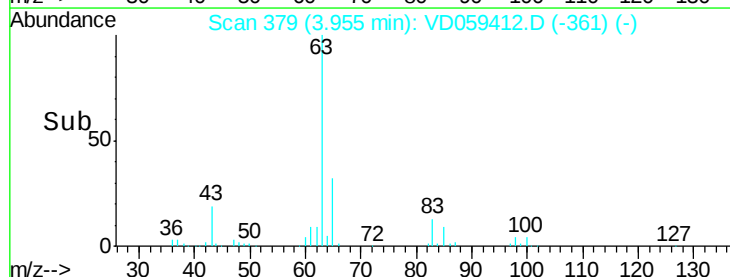
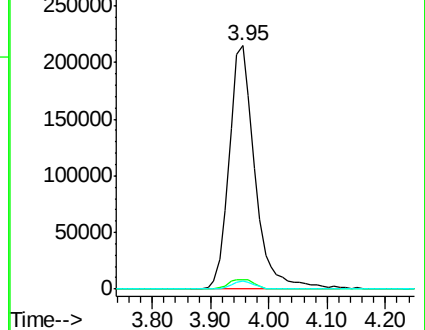
100 3.7 1.8 5.5

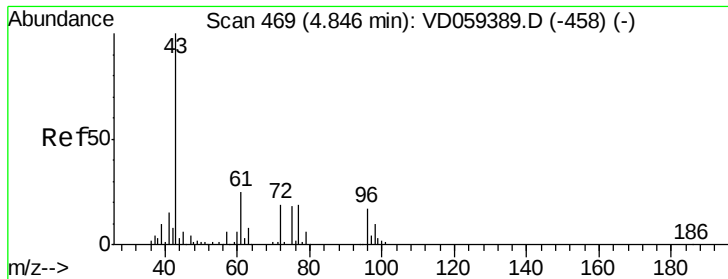


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 522.35 ug/l

RT: 4.82 min Scan# 467

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

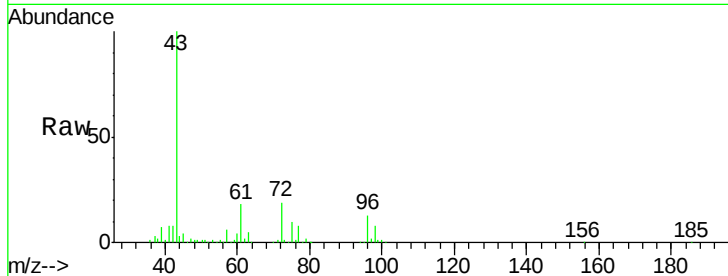
WP021SB472-13-15-180618MS

Tot Ion: 43 Resp: 1170046

Ion Ratio Lower Upper

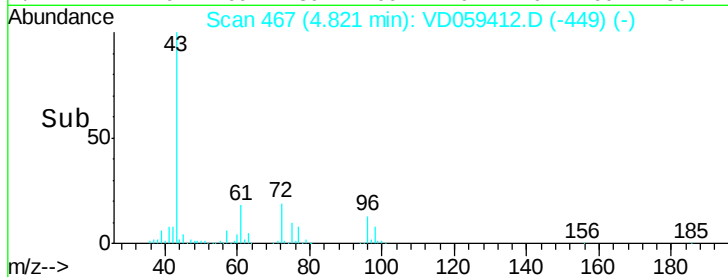
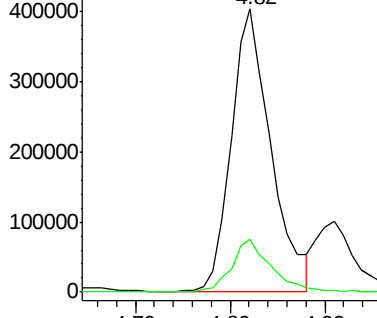
43 100

72 18.6 15.4 23.2

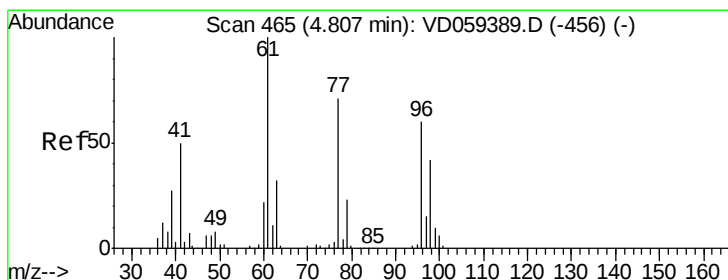


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 50.20 ug/l

RT: 4.78 min Scan# 463

Delta R.T. -0.03 min

Lab File: VD059412.D

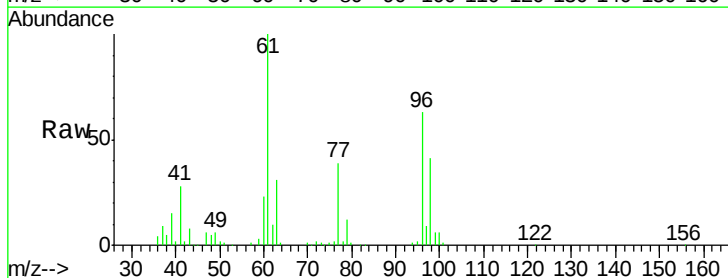
Acq: 25 Jun 2018 21:27

Tgt Ion: 77 Resp: 523753

Ion Ratio Lower Upper

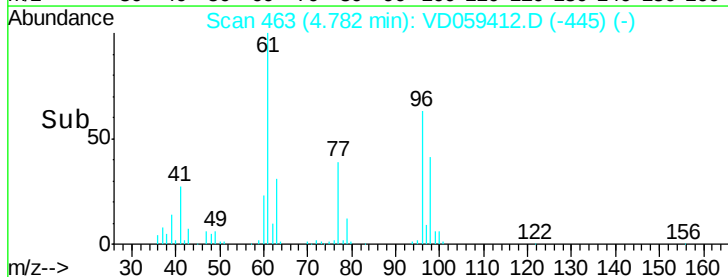
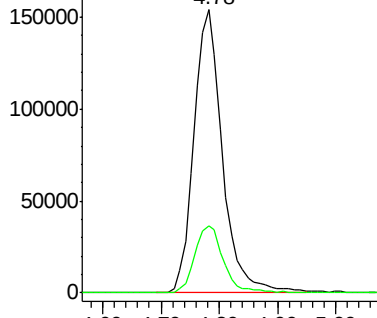
77 100

97 23.9 10.7 32.1

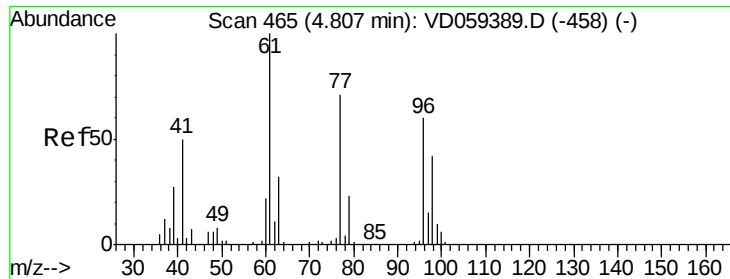


Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



Time-->



#27

cis-1,2-Dichloroethene

Concen: 91.53 ug/l

RT: 4.78 min Scan# 463

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

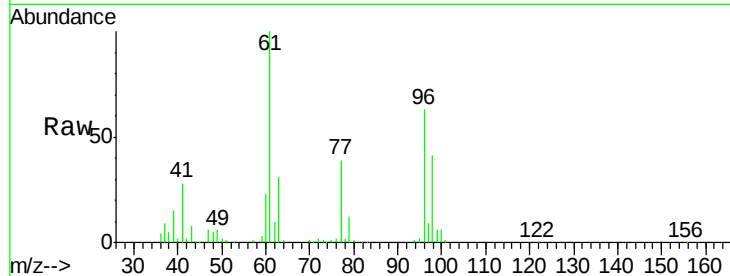
Tot Ion: 96 Resp: 742394

Ion Ratio Lower Upper

96 100

61 157.5 0.0 335.8

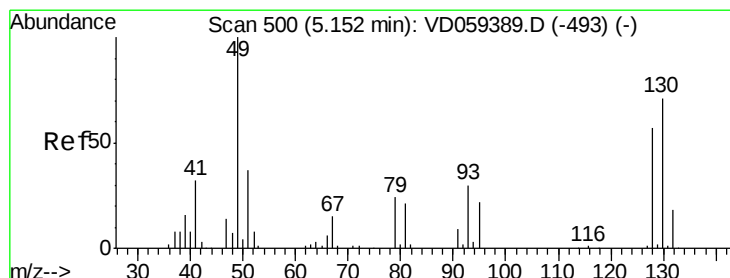
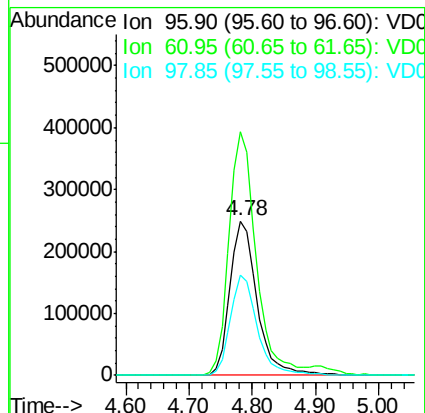
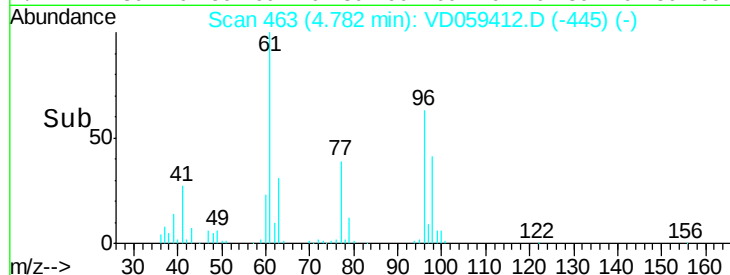
98 65.1 0.0 141.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 43.12 ug/l

RT: 5.13 min Scan# 498

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

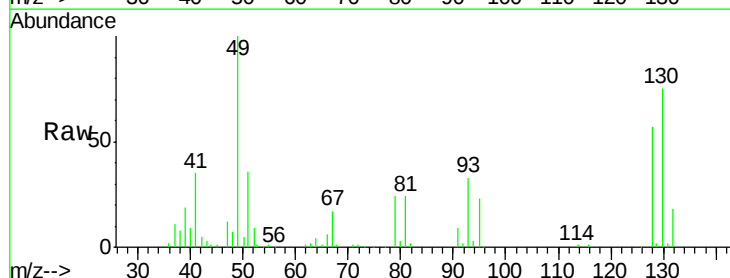
Tgt Ion: 49 Resp: 251501

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

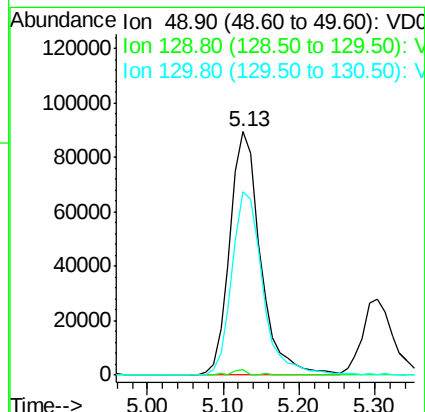
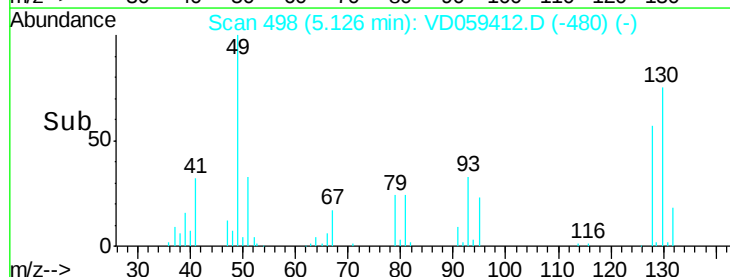
130 75.3 57.0 85.6

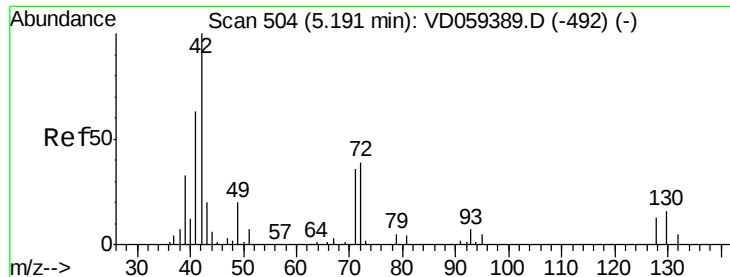


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

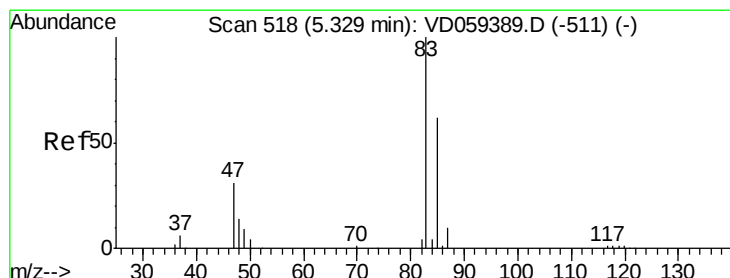
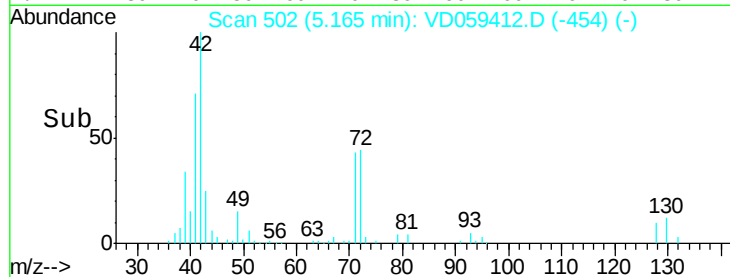
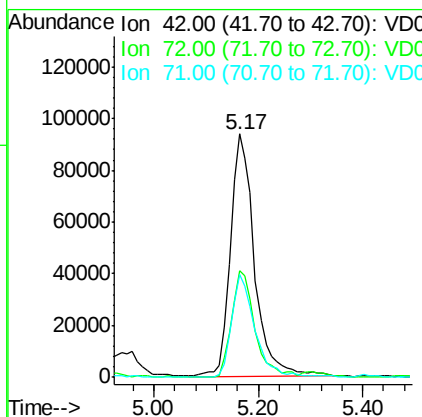
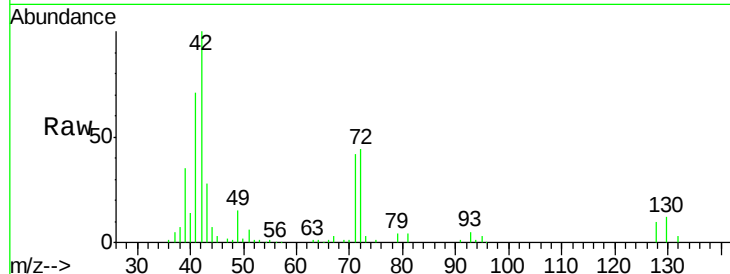




#29  
Tetrahydrofuran  
Concen: 242.14 ug/l  
RT: 5.17 min Scan# 502  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

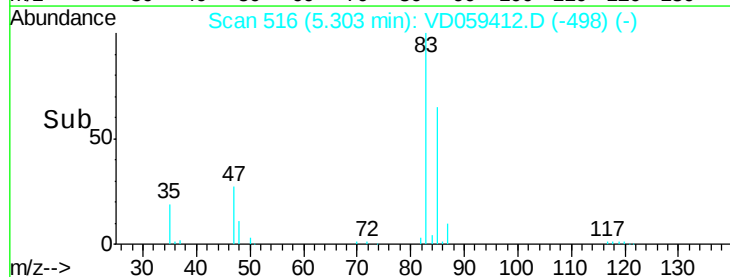
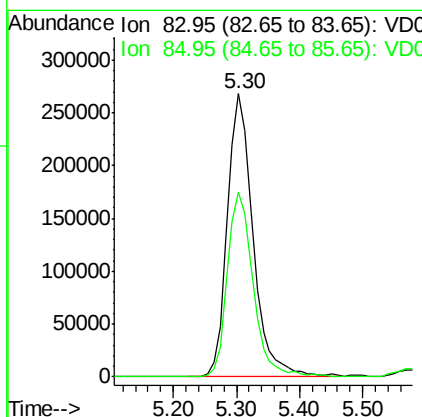
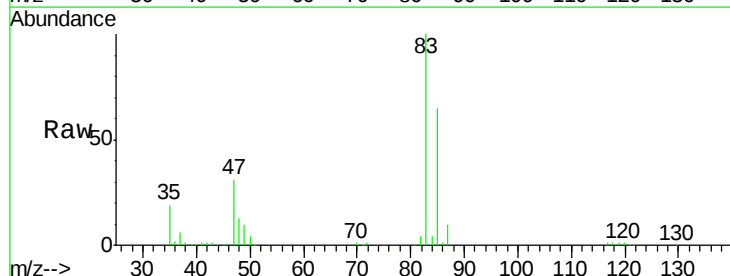
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

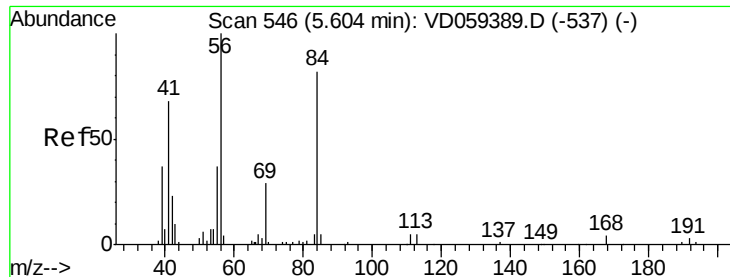
Tot Ion: 42 Resp: 296671  
Ion Ratio Lower Upper  
42 100  
72 42.3 31.4 47.2  
71 40.3 29.7 44.5



#30  
Chloroform  
Concen: 51.42 ug/l  
RT: 5.30 min Scan# 516  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 83 Resp: 754002  
Ion Ratio Lower Upper  
83 100  
85 65.4 49.3 73.9





#31

Cyclohexane

Concen: 51.24 ug/l

RT: 5.58 min Scan# 544

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

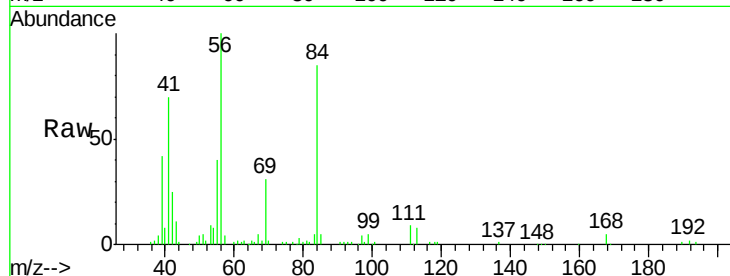
Tot Ion: 56 Resp: 453969

Ion Ratio Lower Upper

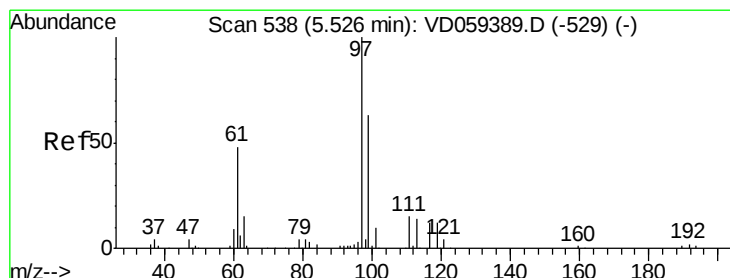
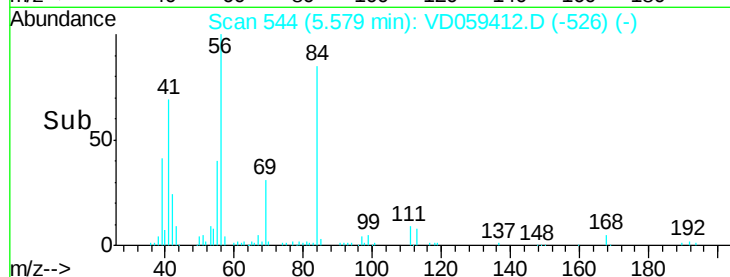
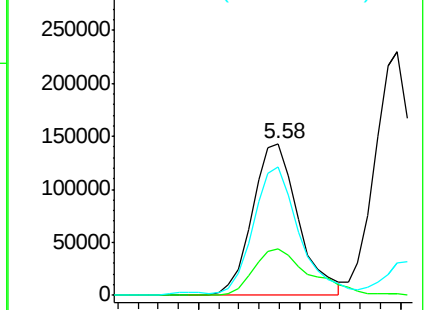
56 100

69 30.6 22.9 34.3

84 84.8 67.3 100.9



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 52.28 ug/l

RT: 5.49 min Scan# 535

Delta R.T. -0.04 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

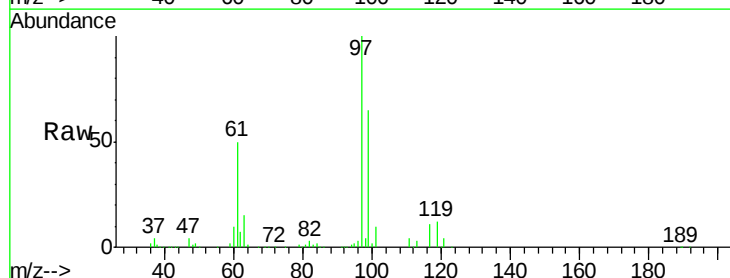
Tgt Ion: 97 Resp: 620698

Ion Ratio Lower Upper

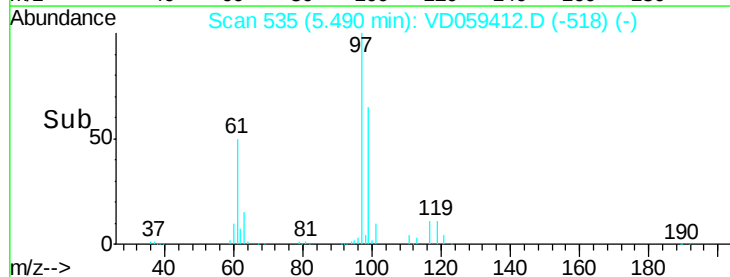
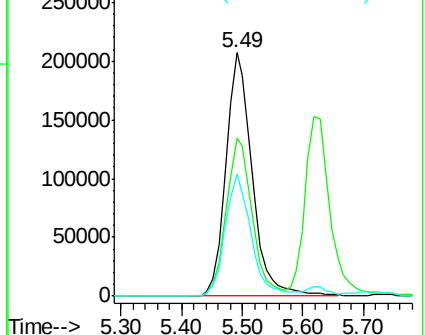
97 100

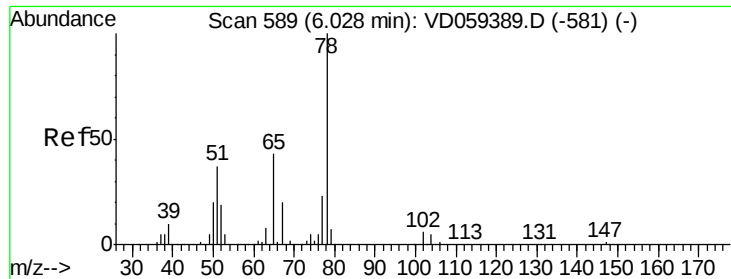
99 65.1 50.2 75.4

61 50.1 38.6 57.8



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

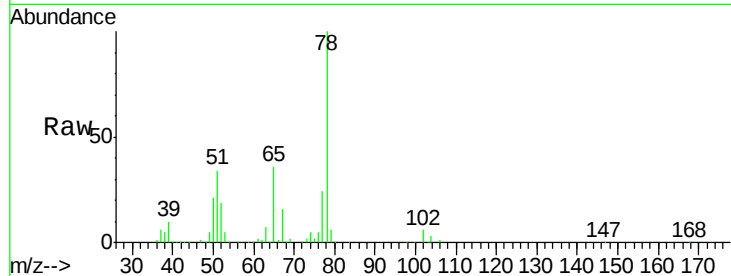
WP021SB472-13-15-180618MS

Tot Ion: 65 Resp: 370930

Ion Ratio Lower Upper

65 100

67 45.3 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.00

150000

100000

50000

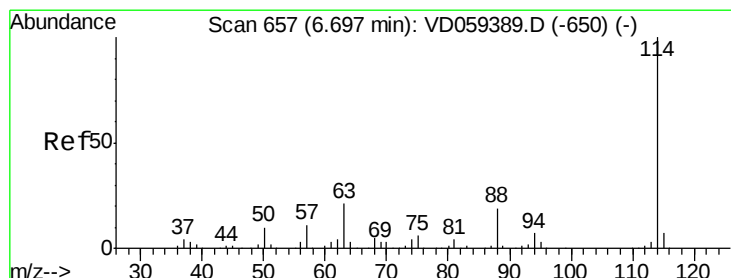
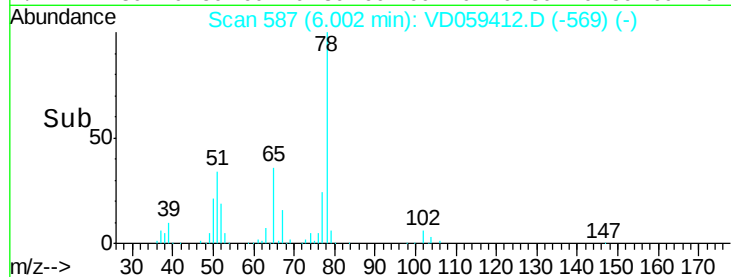
0

5.90

6.00

6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

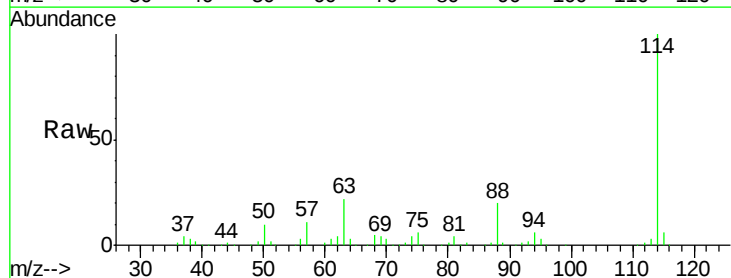
Tgt Ion: 114 Resp: 1045197

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 20.4 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

6.67

500000

400000

300000

200000

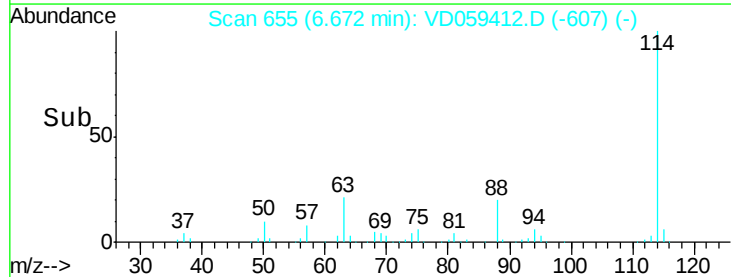
100000

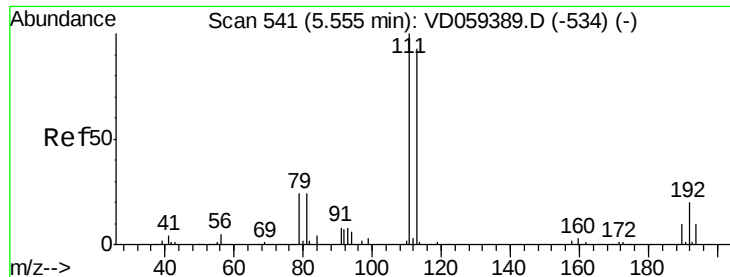
0

6.60

6.80

Time-->

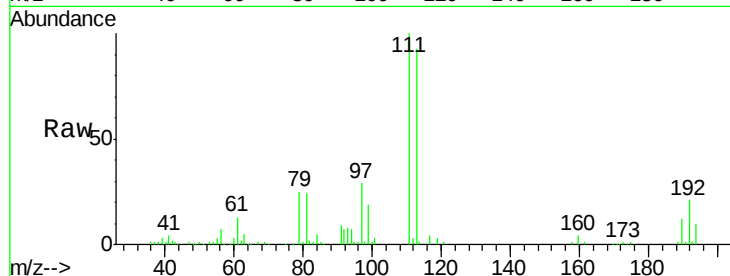




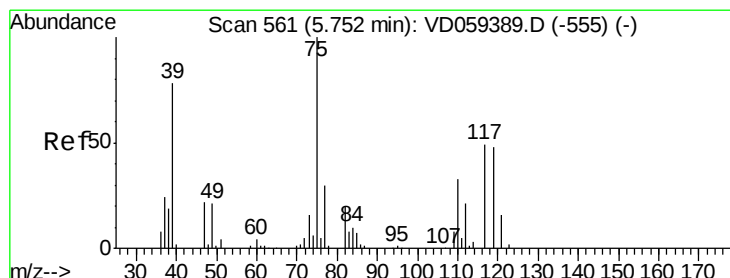
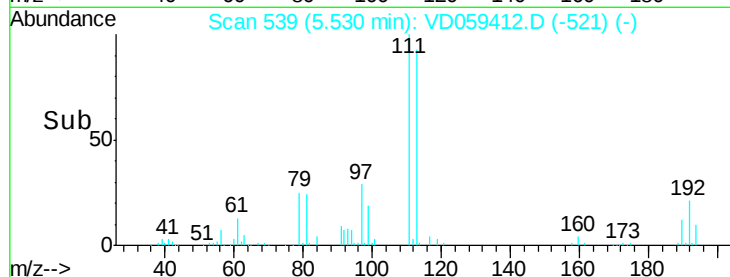
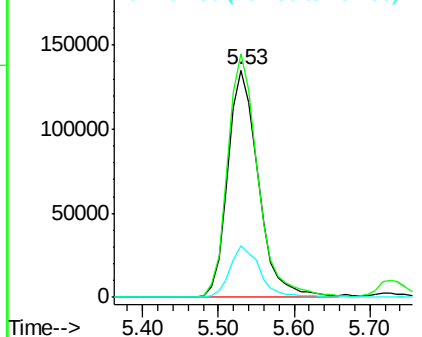
#35  
Dibromofluoromethane  
Concen: 50.00 ug/l  
RT: 5.53 min Scan# 539  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 107.2 | 85.7  | 128.5 |
| 192     | 22.6  | 16.9  | 25.3  |

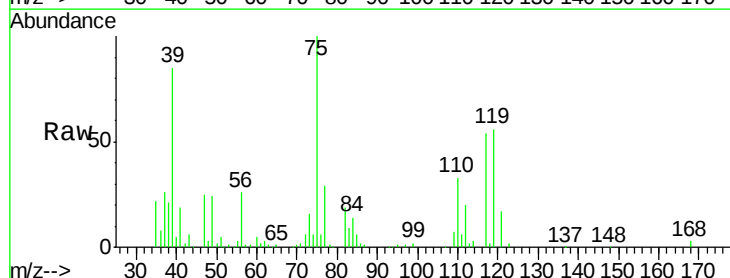


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

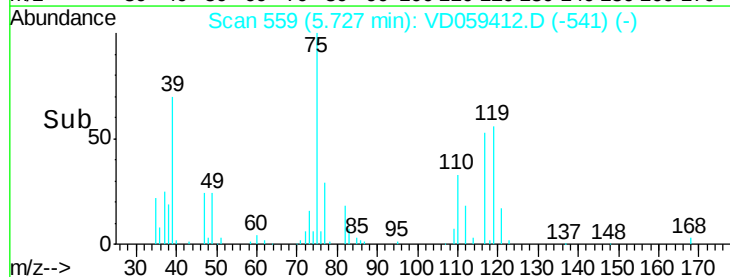
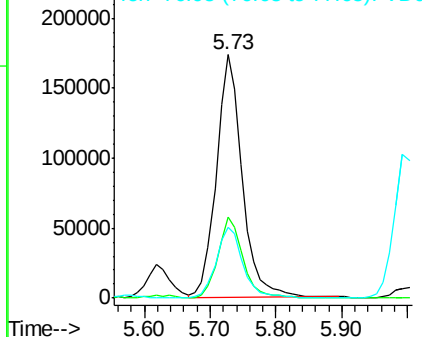


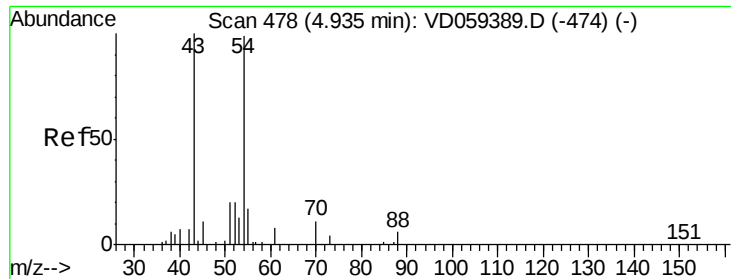
#36  
1,1-Dichloropropene  
Concen: 49.50 ug/l  
RT: 5.73 min Scan# 559  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.3  | 16.1  | 48.2  |
| 77      | 29.3  | 23.4  | 35.2  |



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): VDC

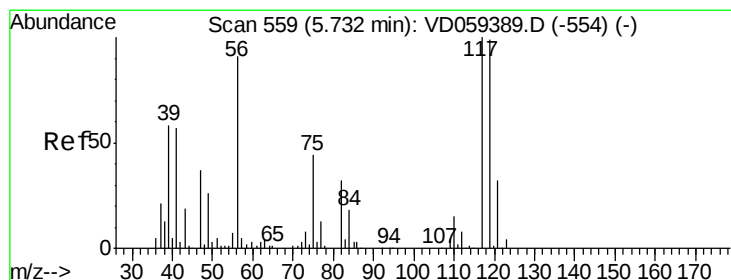
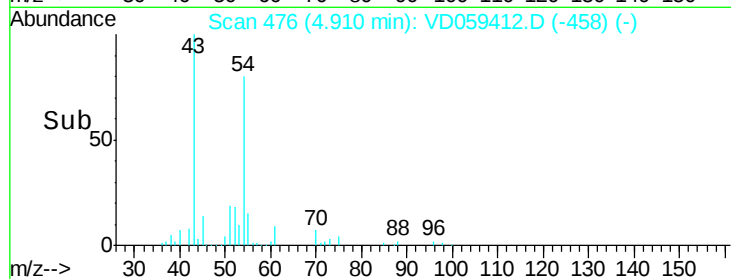
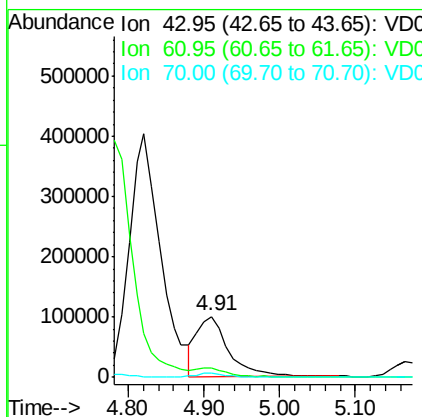
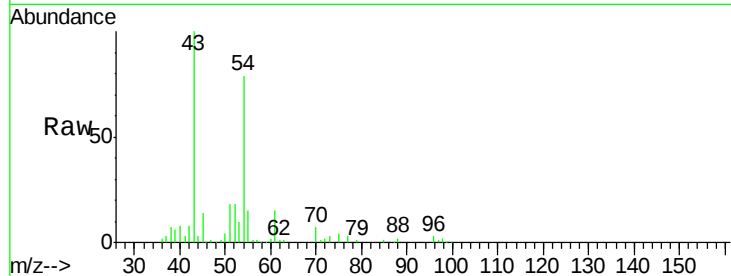




#37  
Ethyl Acetate  
Concen: 49.98 ug/l  
RT: 4.91 min Scan# 476  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

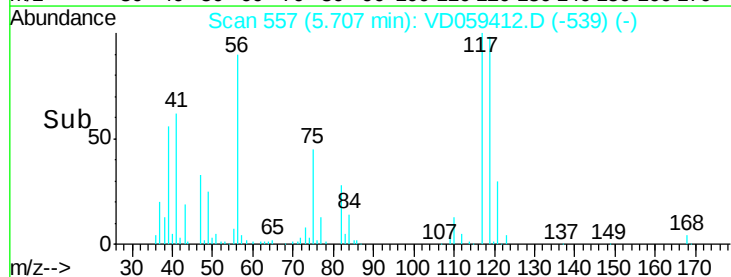
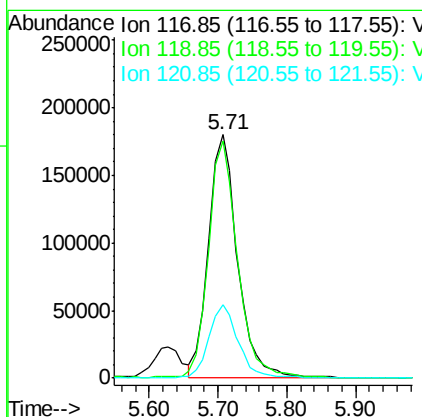
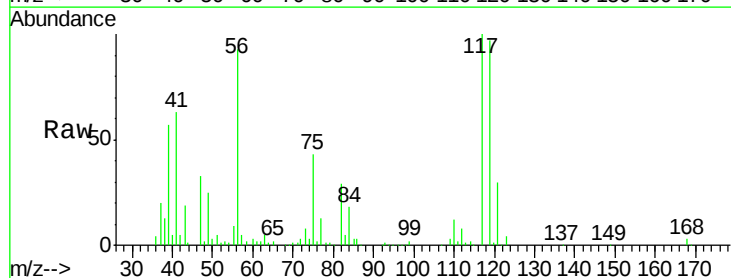
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

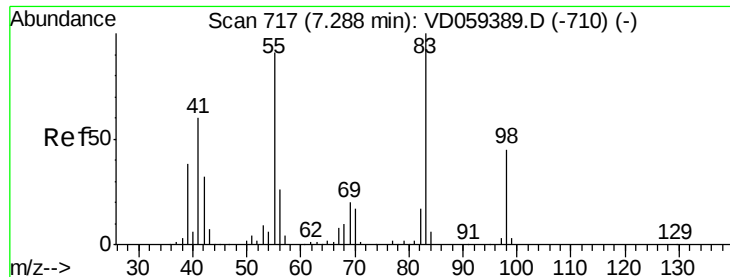
Tot Ion: 43 Resp: 288578  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.8 17.8  
70 7.2 6.1 9.1



#38  
Carbon Tetrachloride  
Concen: 53.49 ug/l  
RT: 5.71 min Scan# 557  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 117 Resp: 522869  
Ion Ratio Lower Upper  
117 100  
119 97.4 76.6 115.0  
121 30.4 25.0 37.4

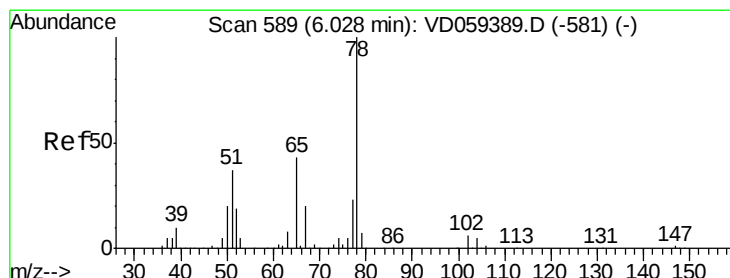
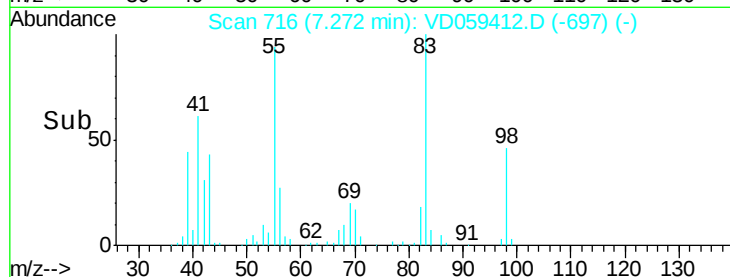
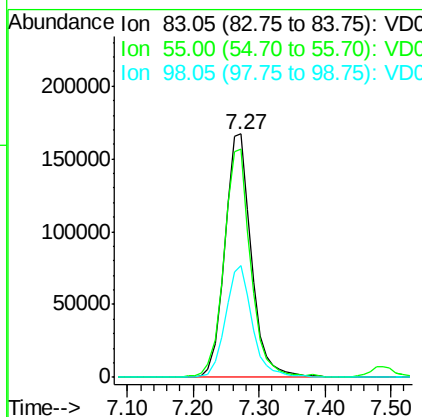
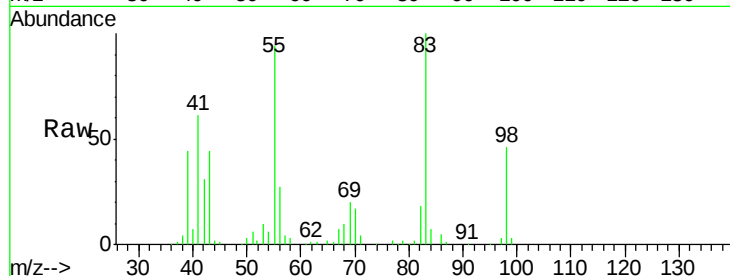




#39  
Methvlcvclohexane  
Concen: 52.19 ug/l  
RT: 7.27 min Scan# 716  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

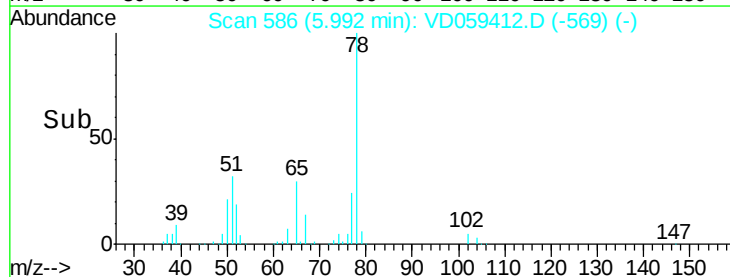
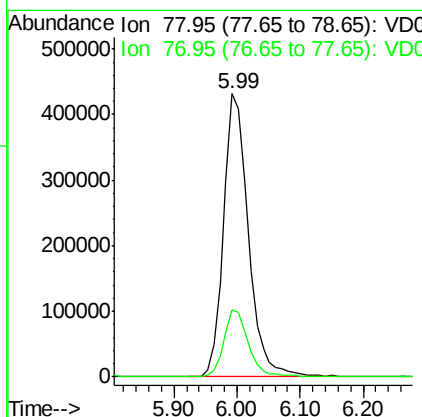
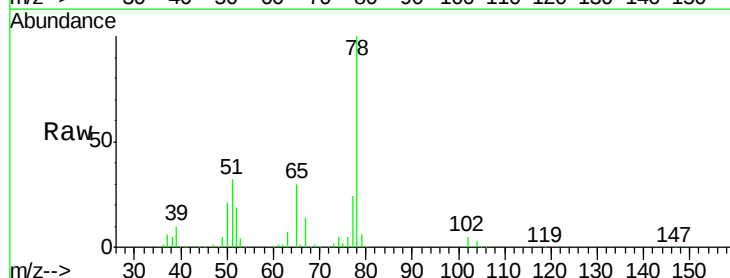
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

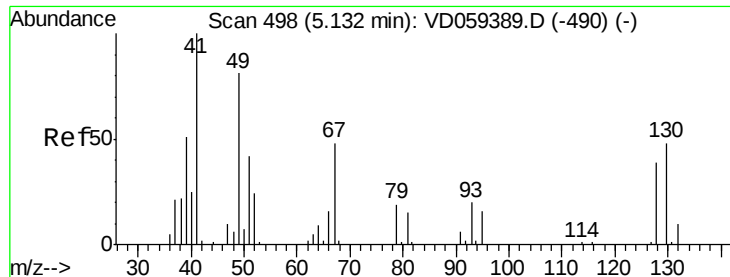
Tot Ion: 83 Resp: 469338  
Ion Ratio Lower Upper  
83 100  
55 93.8 72.6 109.0  
98 46.0 35.8 53.6



#40  
Benzene  
Concen: 51.98 ug/l  
RT: 5.99 min Scan# 586  
Delta R.T. -0.04 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 78 Resp: 1182649  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.1 27.1





#41

Methacrylonitrile

Concen: 51.29 ug/l

RT: 5.11 min Scan# 496

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

Tot Ion: 41 Resp: 142633

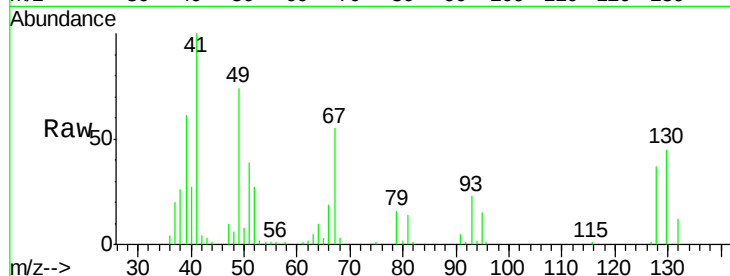
Ion Ratio Lower Upper

41 100

39 61.1 41.5 62.3

67 55.3 38.7 58.1

52 27.5 19.4 29.2

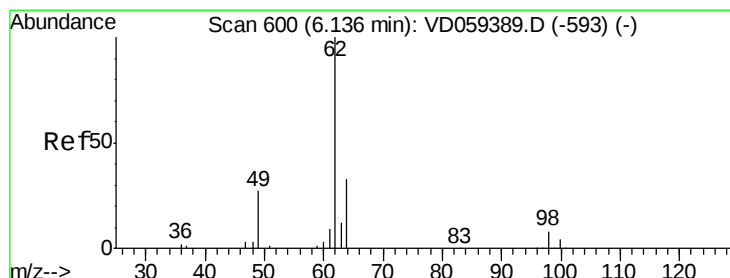
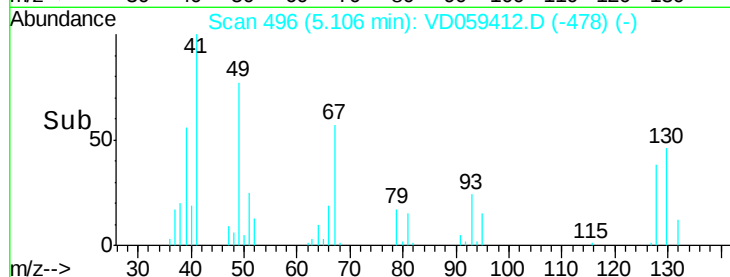
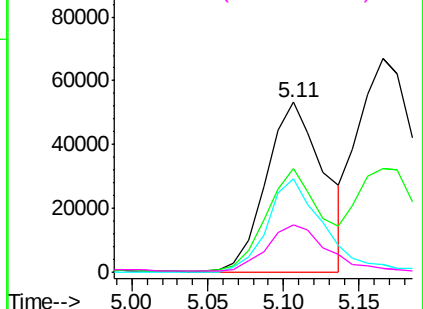


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 53.00 ug/l

RT: 6.11 min Scan# 598

Delta R.T. -0.03 min

Lab File: VD059412.D

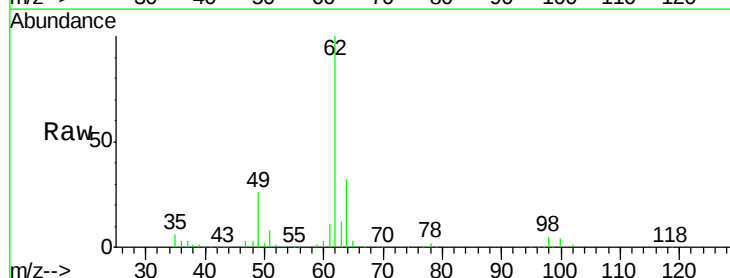
Acq: 25 Jun 2018 21:27

Tgt Ion: 62 Resp: 532848

Ion Ratio Lower Upper

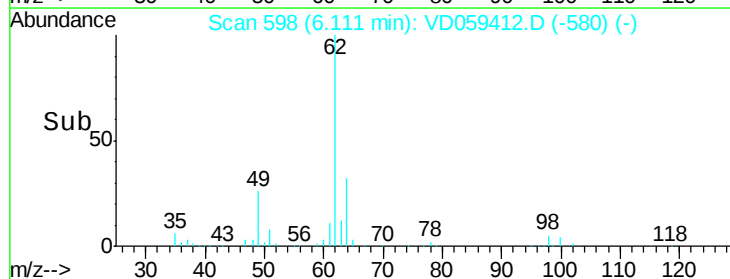
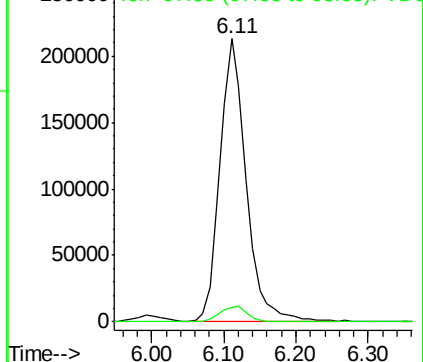
62 100

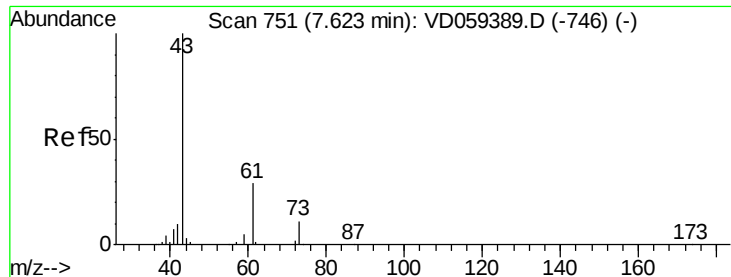
98 5.3 0.0 15.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 52.17 ug/l

RT: 7.61 min Scan# 750

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

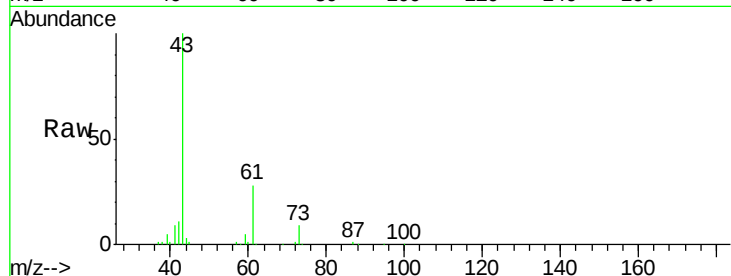
Tot Ion: 43 Resp: 378303

Ion Ratio Lower Upper

43 100

61 28.4 23.1 34.7

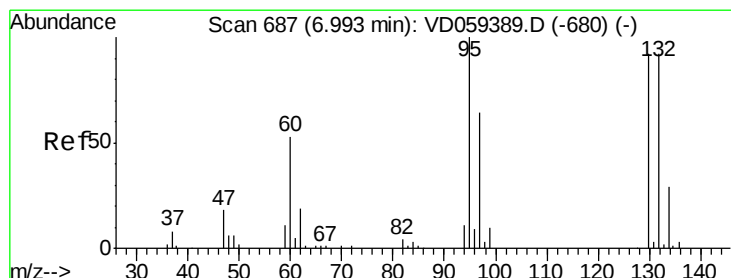
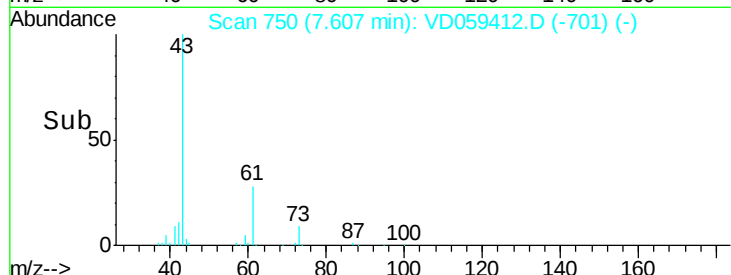
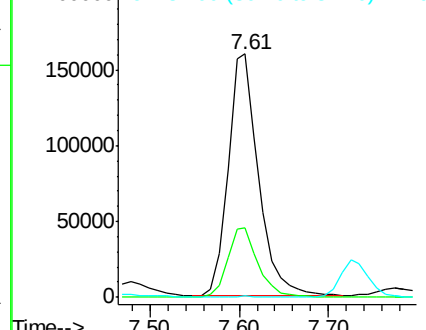
87 0.6 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.96 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.03 min

Lab File: VD059412.D

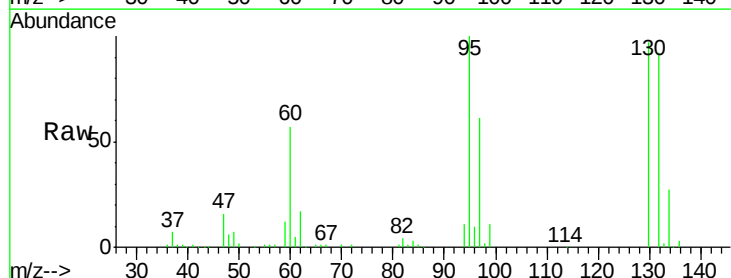
Acq: 25 Jun 2018 21:27

Tgt Ion:130 Resp: 394560

Ion Ratio Lower Upper

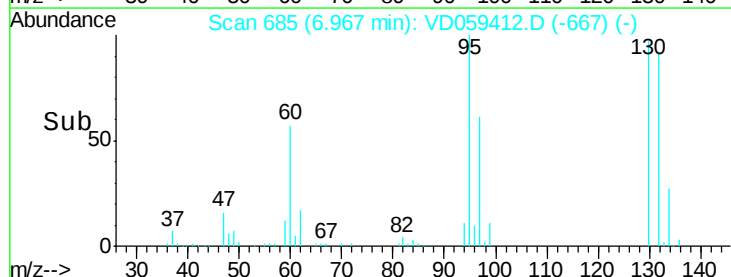
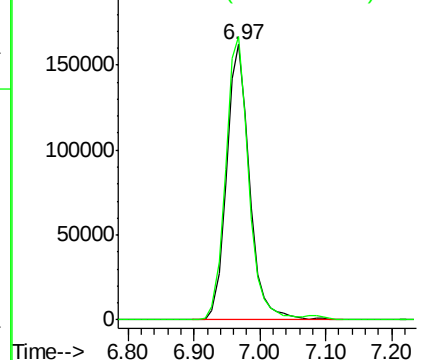
130 100

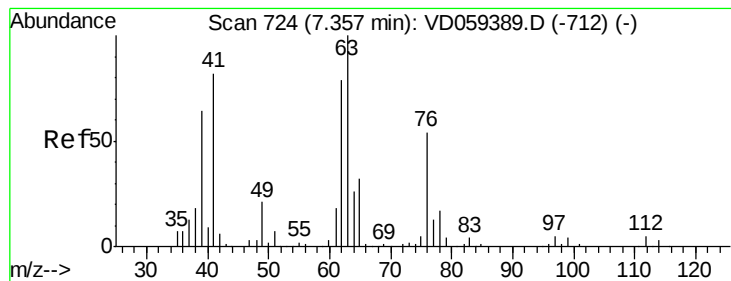
95 102.9 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.75 ug/l

RT: 7.33 min Scan# 722

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

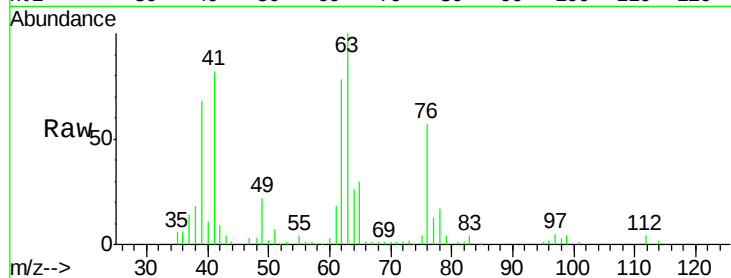
WP021SB472-13-15-180618MS

Tot Ion: 63 Resp: 313540

Ion Ratio Lower Upper

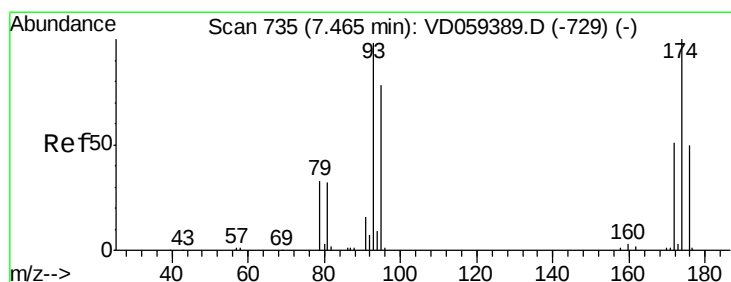
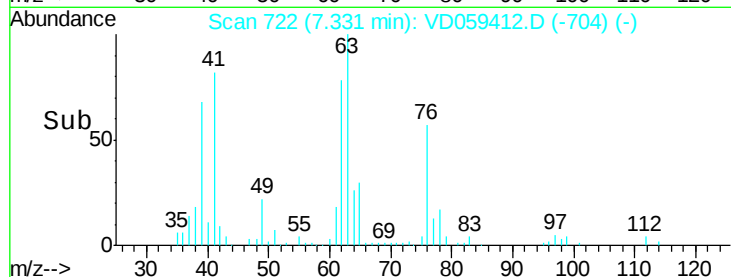
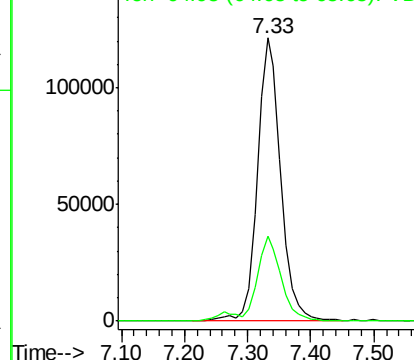
63 100

65 30.3 25.7 38.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 51.07 ug/l

RT: 7.45 min Scan# 734

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

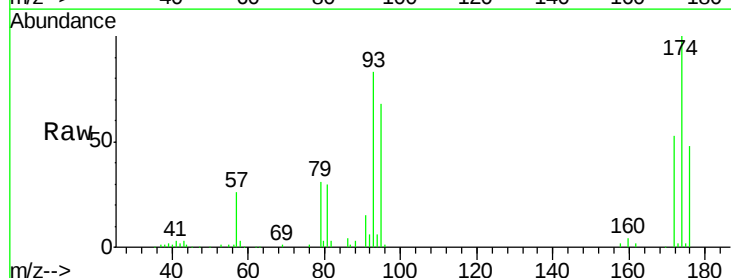
Tgt Ion: 93 Resp: 231443

Ion Ratio Lower Upper

93 100

95 81.3 63.4 95.0

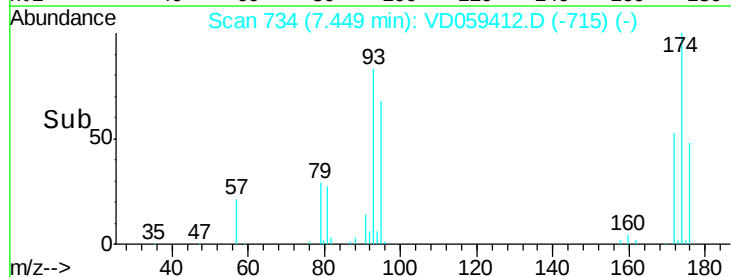
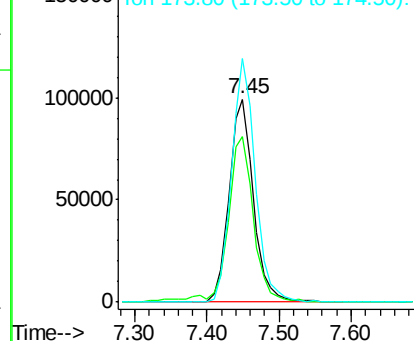
174 119.8 81.4 122.2

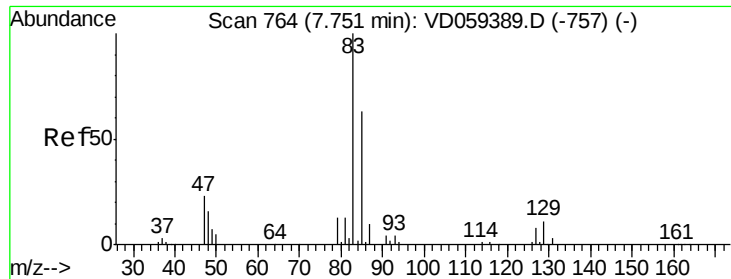


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 53.07 ug/l

RT: 7.72 min Scan# 762

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

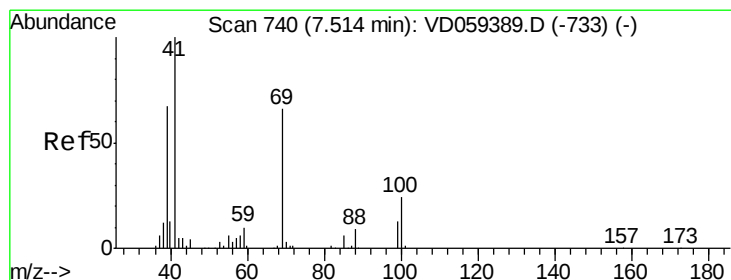
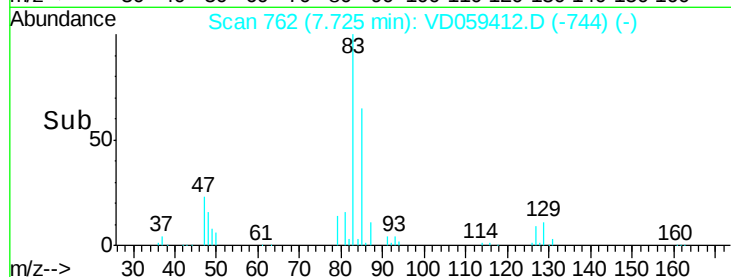
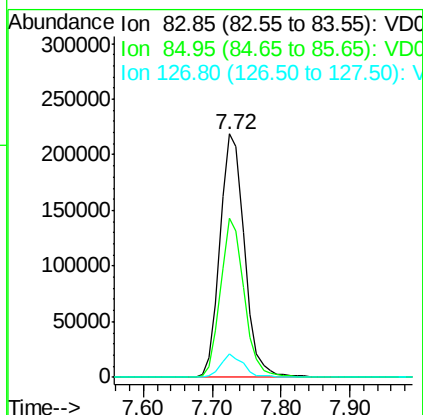
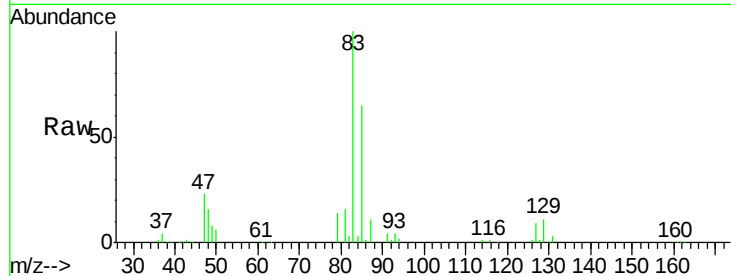
Tot Ion: 83 Resp: 538186

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

127 9.4 6.1 9.1#



#48

Methyl methacrylate

Concen: 53.72 ug/l

RT: 7.49 min Scan# 738

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

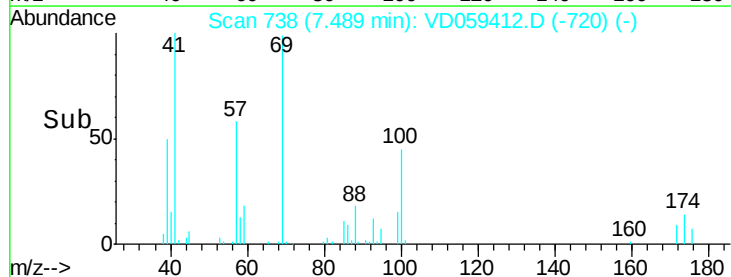
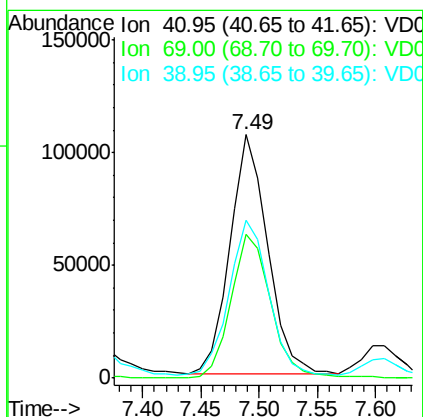
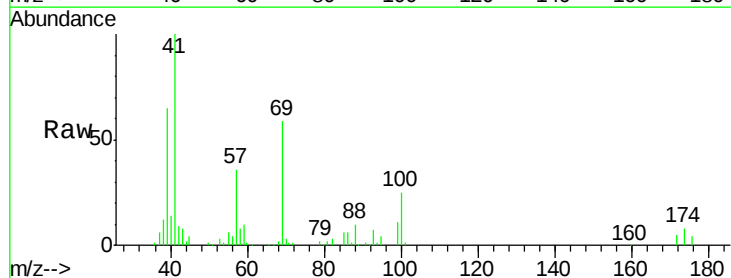
Tgt Ion: 41 Resp: 237311

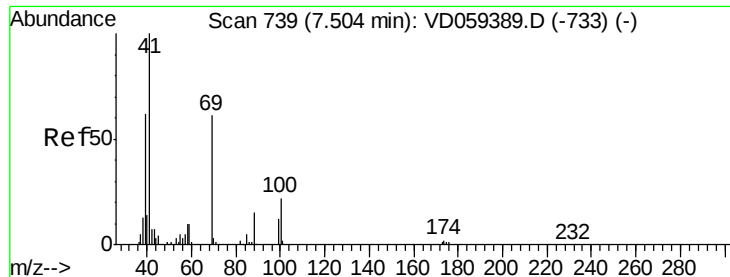
Ion Ratio Lower Upper

41 100

69 58.8 52.6 79.0

39 64.6 53.6 80.4





#49

1,4-Dioxane

Concen: 1102.29 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

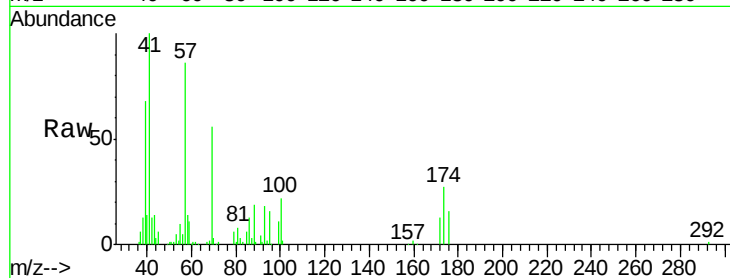
Tot Ion: 88 Resp: 48838

Ion Ratio Lower Upper

88 100

43 76.4 41.0 61.4#

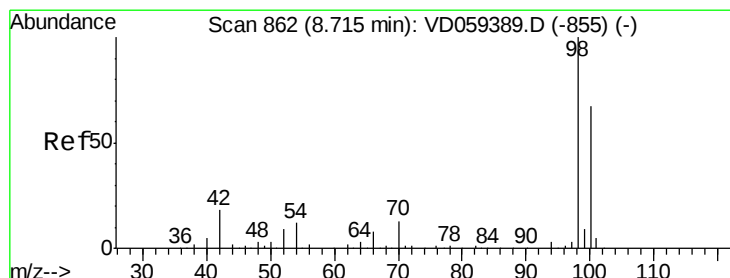
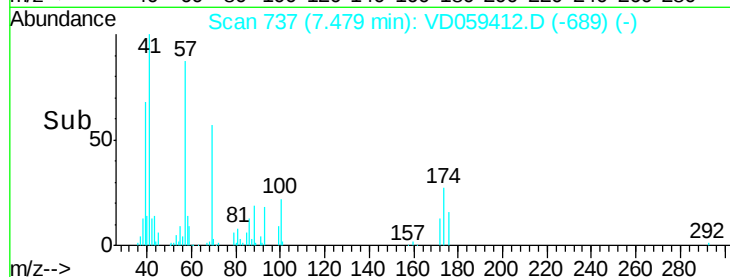
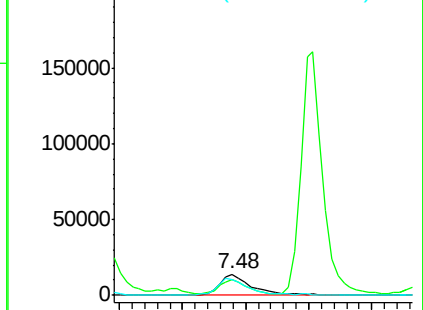
58 76.2 53.4 80.0



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1102.29 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059412.D

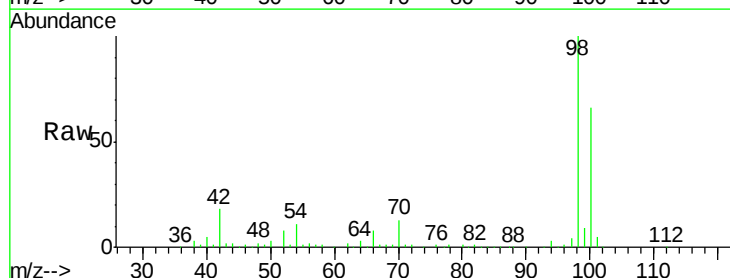
Acq: 25 Jun 2018 21:27

Tgt Ion: 98 Resp: 837455

Ion Ratio Lower Upper

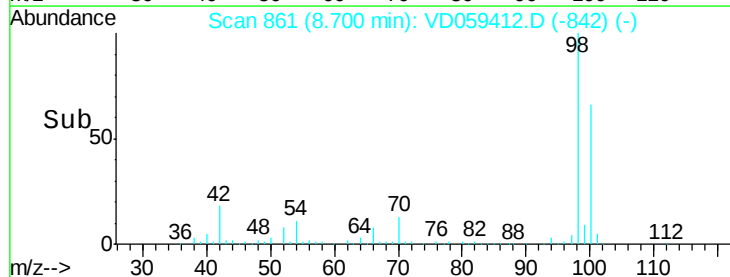
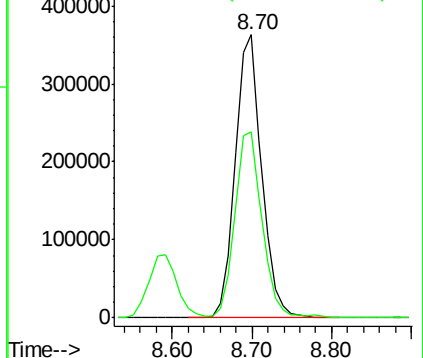
98 100

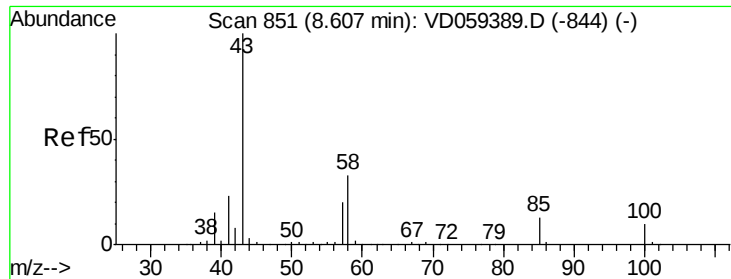
100 65.8 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 400.61 ug/l

RT: 8.58 min Scan# 849

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

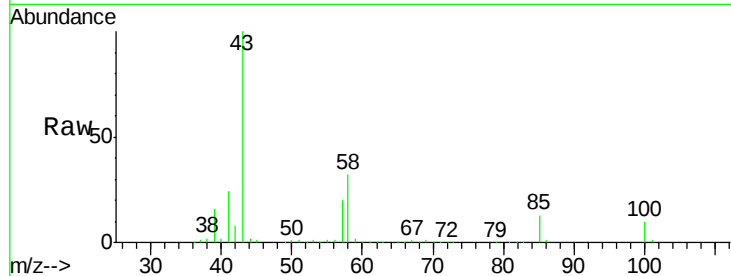
WP021SB472-13-15-180618MS

Tot Ion: 43 Resp: 1935732

Ion Ratio Lower Upper

43 100

58 32.5 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.58

800000

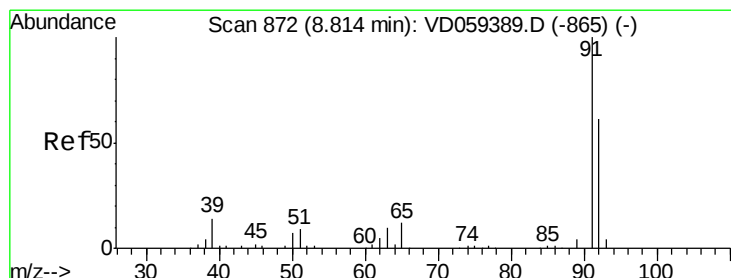
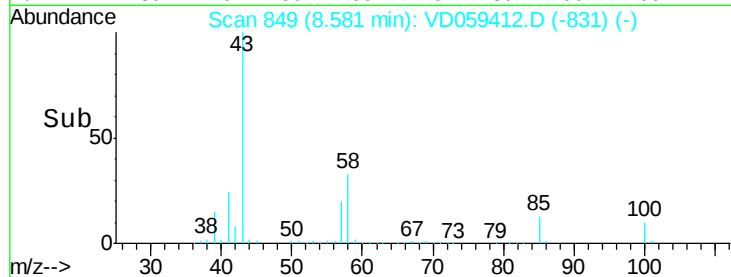
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.85 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.03 min

Lab File: VD059412.D

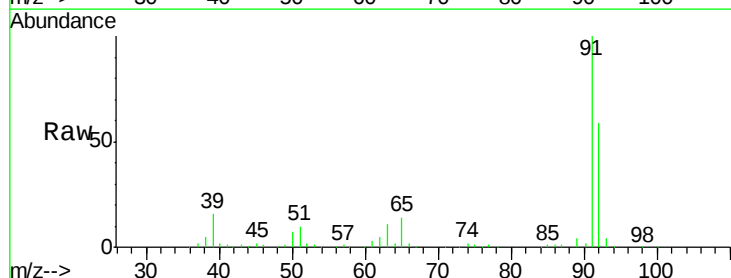
Acq: 25 Jun 2018 21:27

Tgt Ion: 92 Resp: 758899

Ion Ratio Lower Upper

92 100

91 170.7 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.79

600000

500000

400000

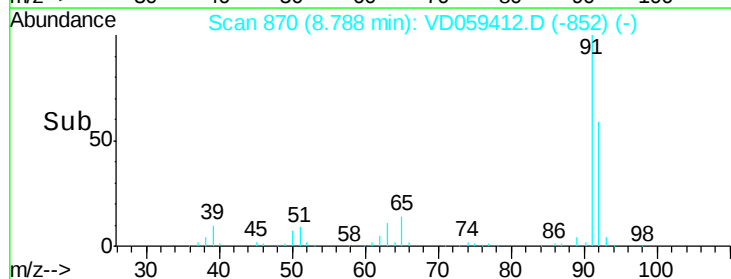
300000

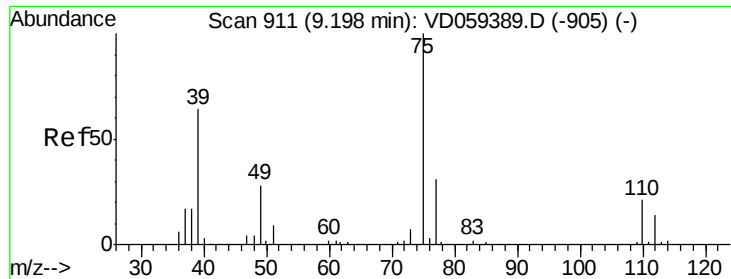
200000

100000

0

Time-->

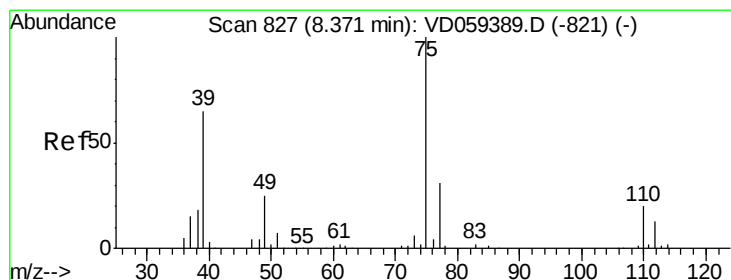
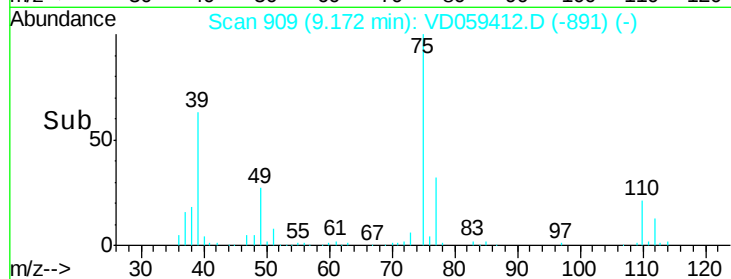
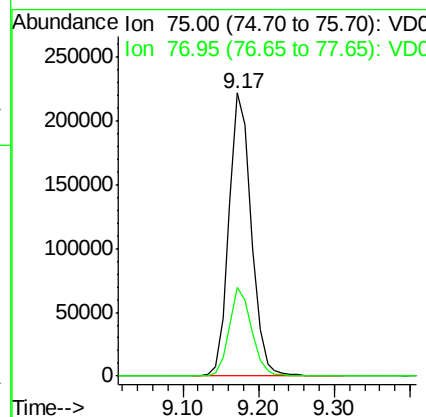
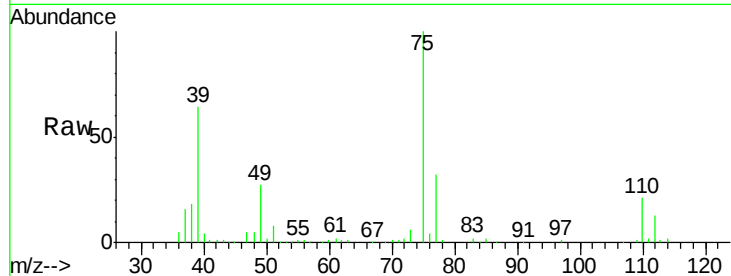




#53  
 t-1,3-Dichloropropene  
 Concen: 53.46 ug/l  
 RT: 9.17 min Scan# 909  
 Delta R.T. -0.03 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

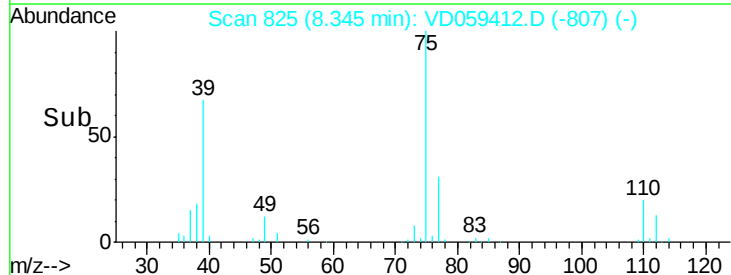
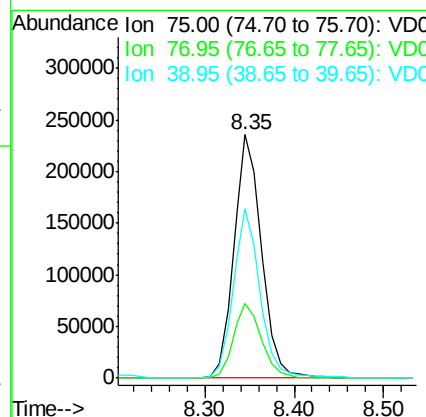
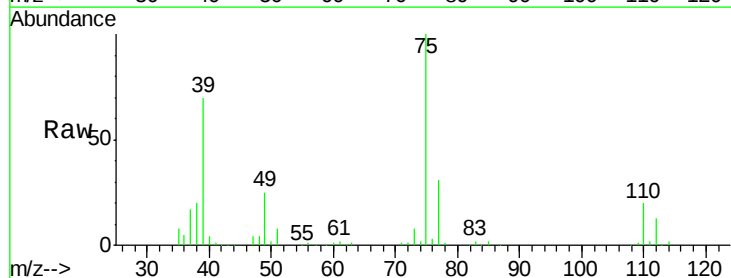
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

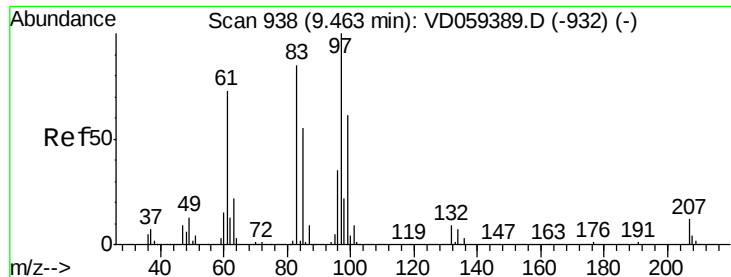
Tot Ion: 75 Resp: 453000  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.96 ug/l  
 RT: 8.35 min Scan# 825  
 Delta R.T. -0.03 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion: 75 Resp: 509874  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 24.7 37.1  
 39 69.8 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 54.56 ug/l

RT: 9.44 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

Tot Ion: 97 Resp: 269157

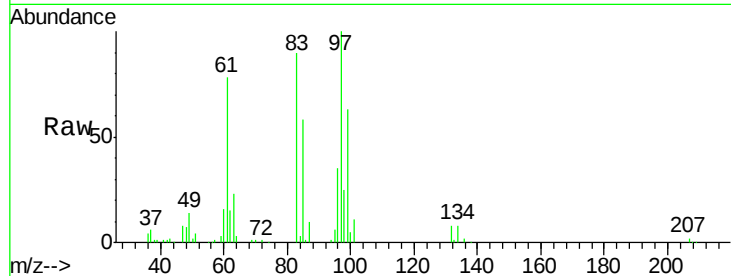
Ion Ratio Lower Upper

97 100

83 89.7 67.7 101.5

85 57.8 44.3 66.5

99 62.5 48.6 73.0

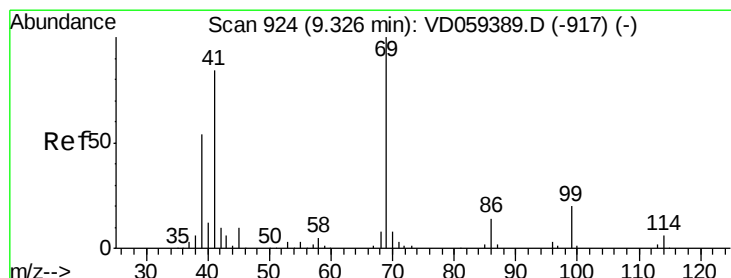
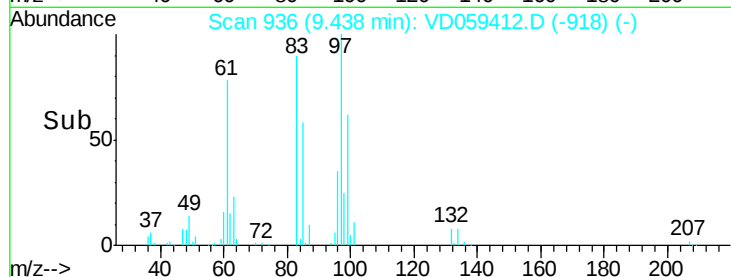
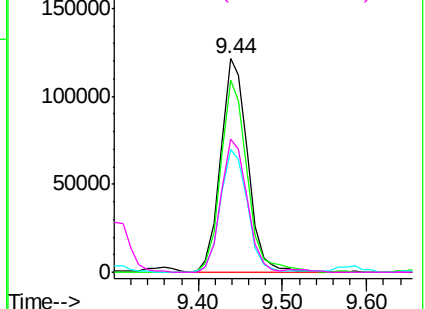


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 53.97 ug/l

RT: 9.30 min Scan# 922

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

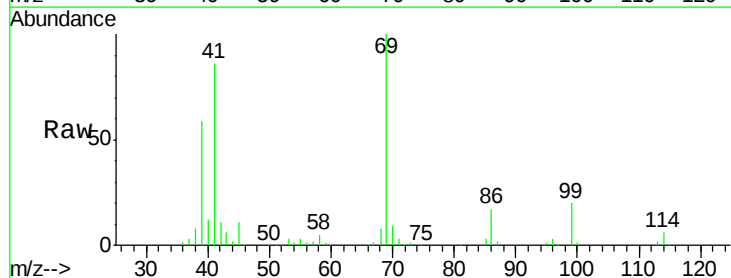
Tgt Ion: 69 Resp: 303830

Ion Ratio Lower Upper

69 100

41 85.6 67.4 101.0

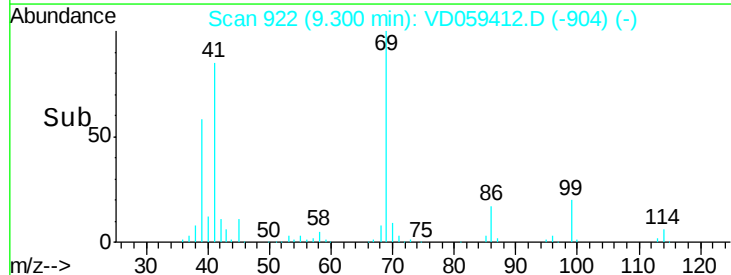
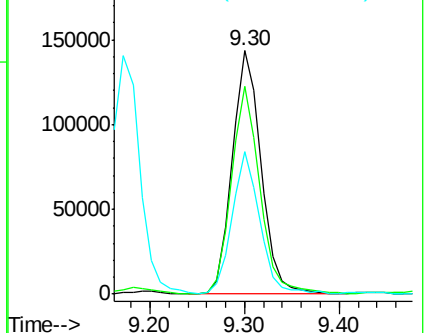
39 58.6 43.7 65.5

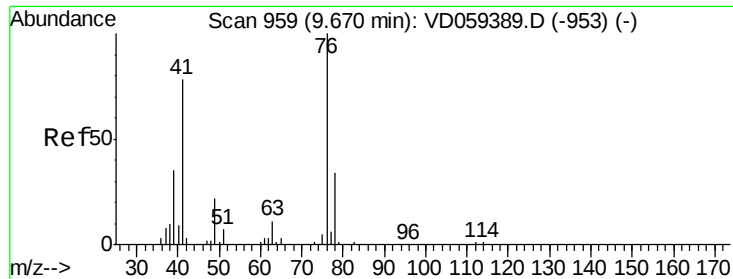


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

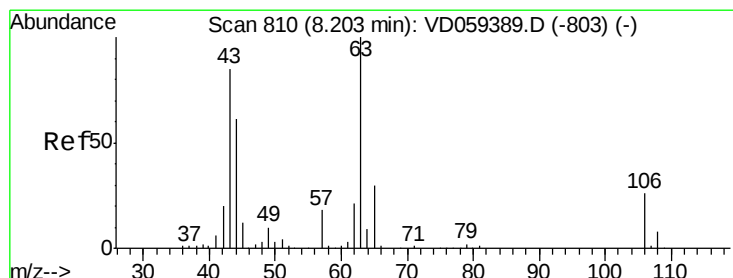
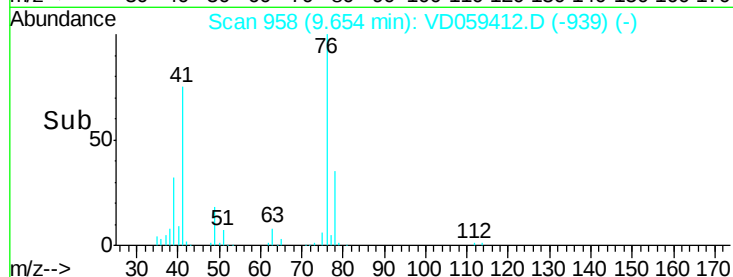
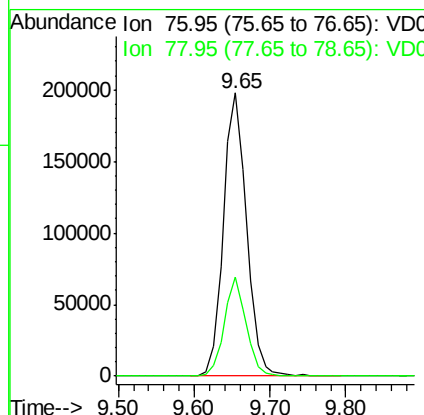
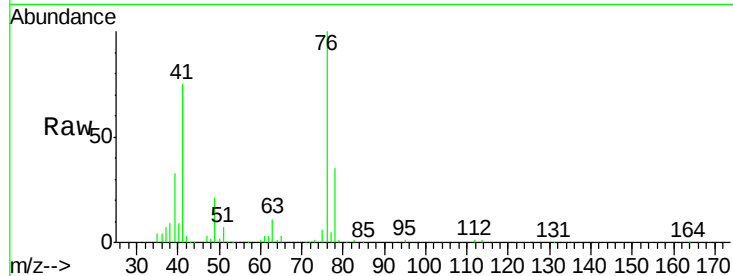




#57  
 1,3-Dichloropropane  
 Concen: 52.05 ug/l  
 RT: 9.65 min Scan# 958  
 Delta R.T. -0.02 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

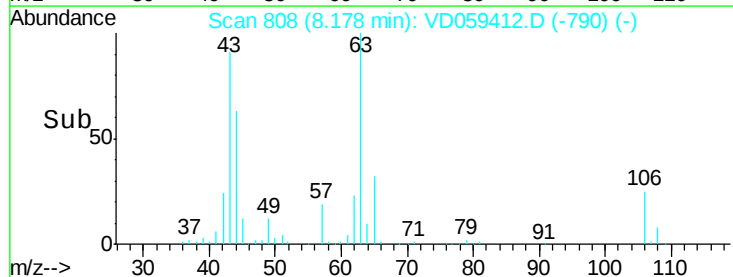
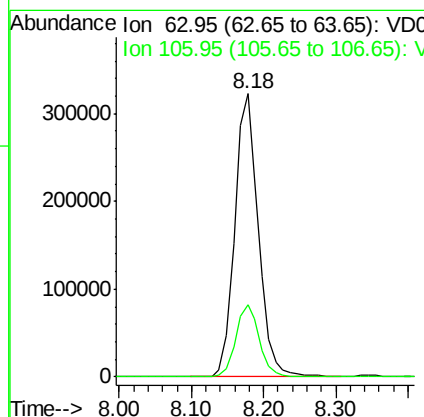
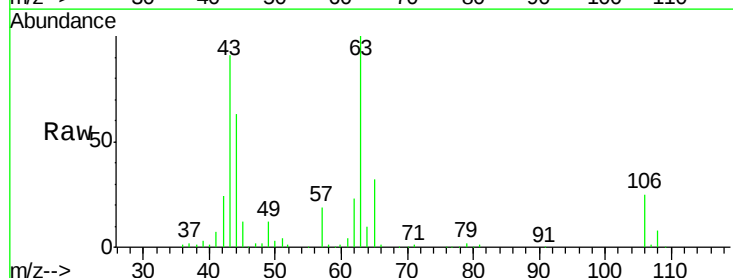
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

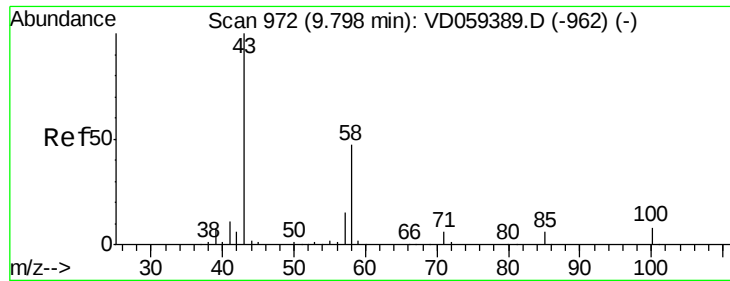
Tot Ion: 76 Resp: 419947  
 Ion Ratio Lower Upper  
 76 100  
 78 35.2 26.8 40.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.40 ug/l  
 RT: 8.18 min Scan# 808  
 Delta R.T. -0.03 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion: 63 Resp: 734372  
 Ion Ratio Lower Upper  
 63 100  
 106 25.4 20.6 31.0

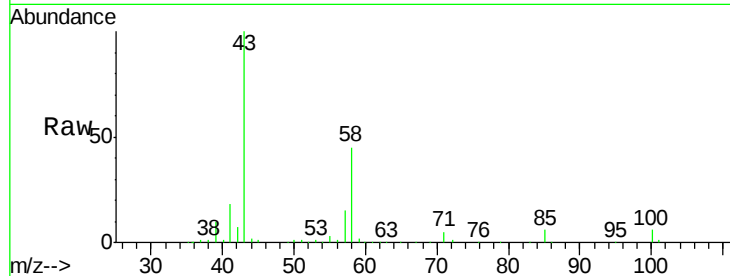




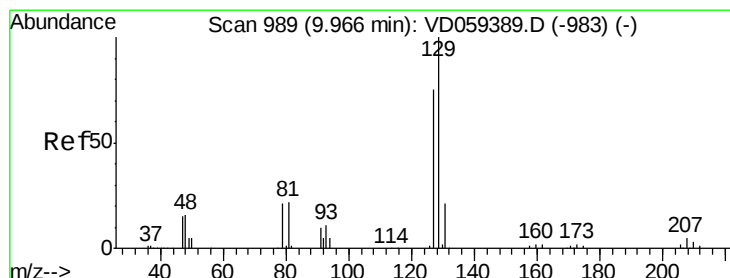
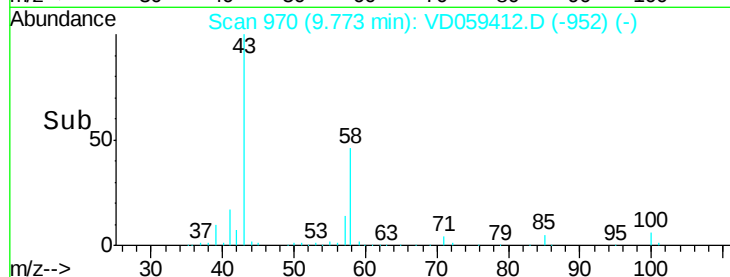
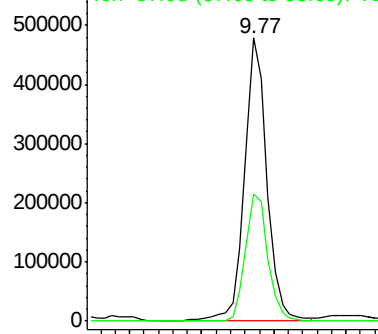
#59  
2-Hexanone  
Concen: 299.29 ug/l  
RT: 9.77 min Scan# 970  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tot Ion: 43 Resp: 1027835  
Ion Ratio Lower Upper  
43 100  
58 45.0 23.3 69.9

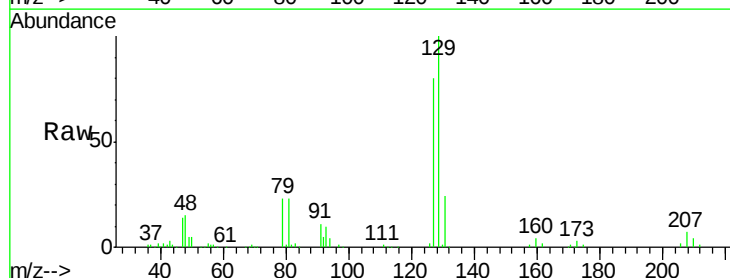


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

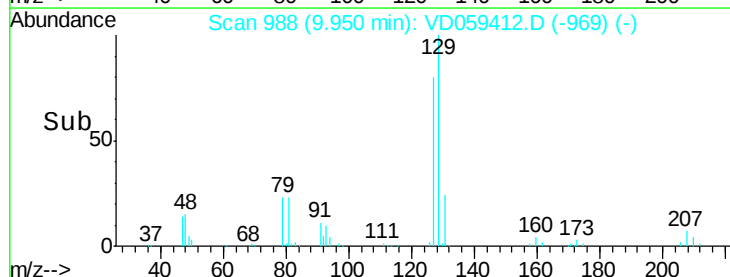
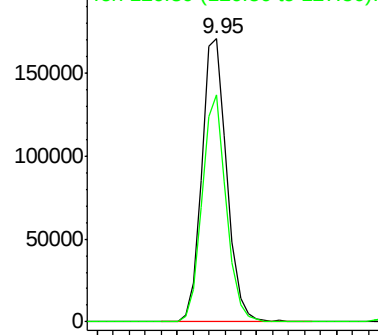


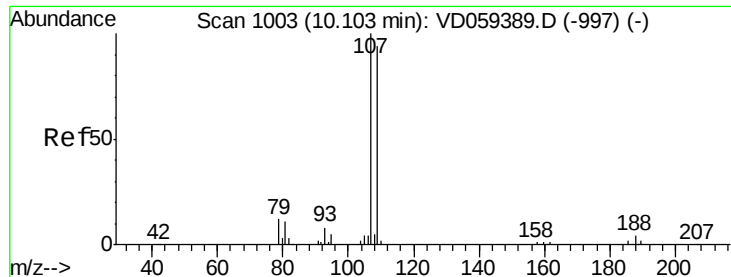
#60  
Dibromochloromethane  
Concen: 54.28 ug/l  
RT: 9.95 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 129 Resp: 375008  
Ion Ratio Lower Upper  
129 100  
127 80.3 37.3 111.8



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 52.20 ug/l

RT: 10.08 min Scan# 1001

Delta R.T. -0.03 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

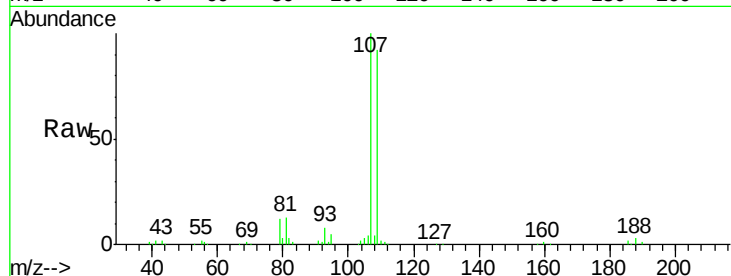
WP021SB472-13-15-180618MS

Tot Ion:107 Resp: 286806

Ion Ratio Lower Upper

107 100

109 91.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.08

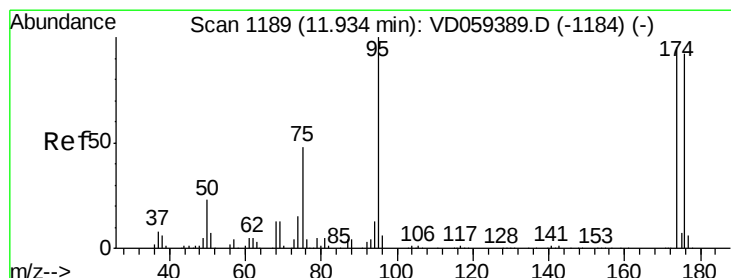
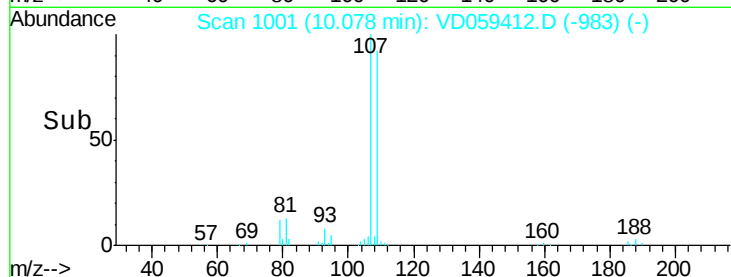
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.20 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

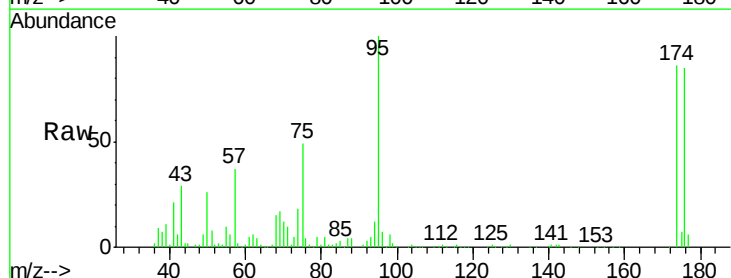
Tgt Ion: 95 Resp: 368605

Ion Ratio Lower Upper

95 100

174 86.2 0.0 190.4

176 85.1 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

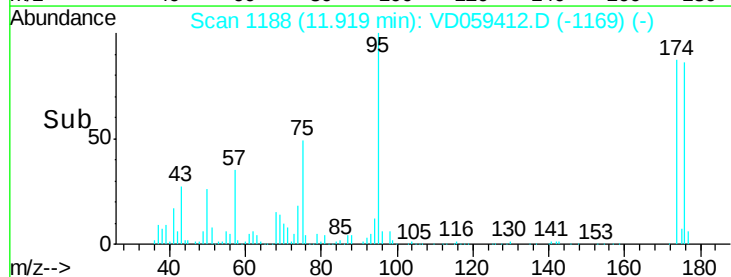
300000

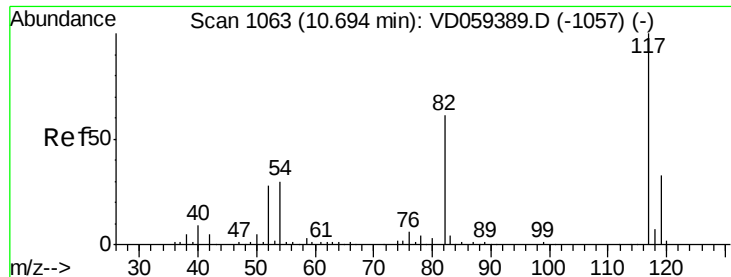
200000

100000

0

Time-->

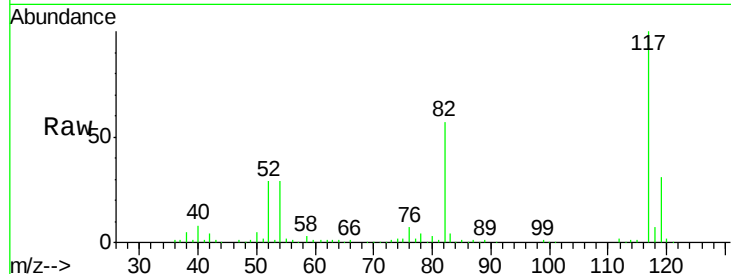




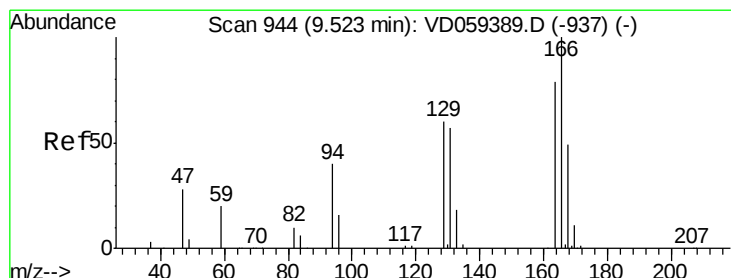
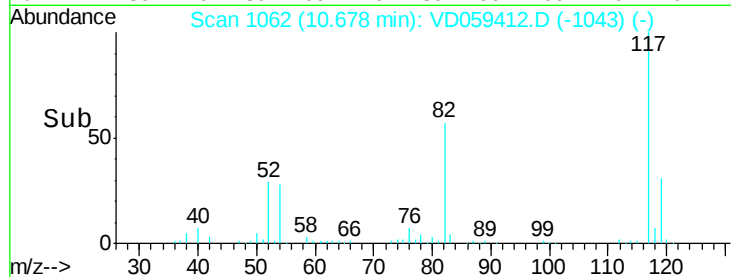
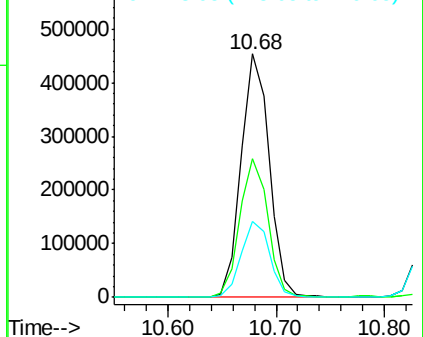
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.68 min Scan# 1062  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Tot Ion:117 Resp: 821311  
Ion Ratio Lower Upper  
117 100  
82 57.1 49.0 73.6  
119 31.5 26.2 39.4



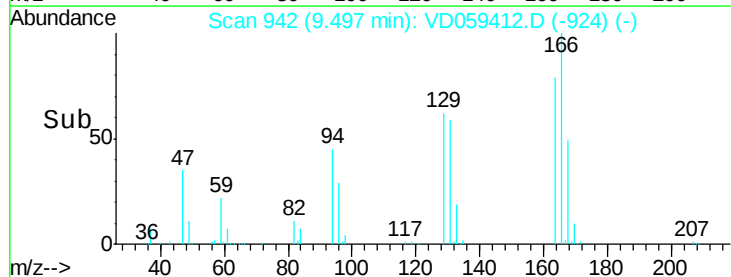
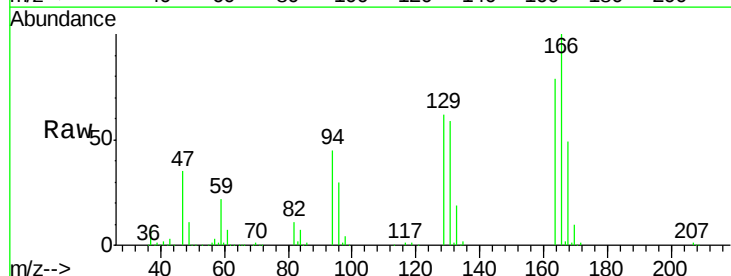
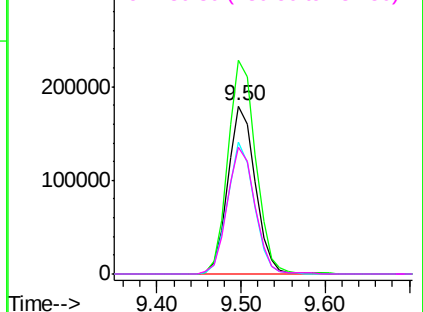
Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

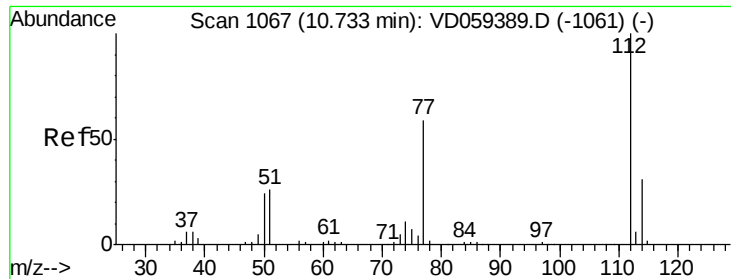


#64  
Tetrachloroethene  
Concen: 56.21 ug/l  
RT: 9.50 min Scan# 942  
Delta R.T. -0.03 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:164 Resp: 404963  
Ion Ratio Lower Upper  
164 100  
166 127.0 101.4 152.2  
129 78.3 60.9 91.3  
131 75.1 58.2 87.4

Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

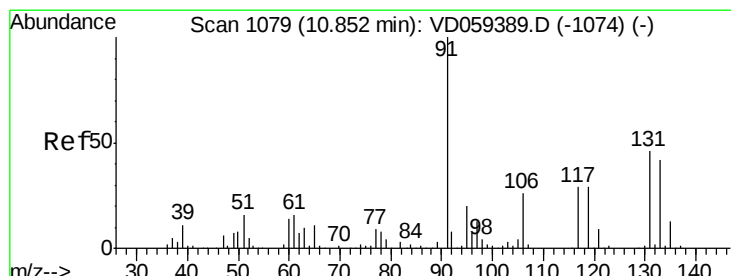
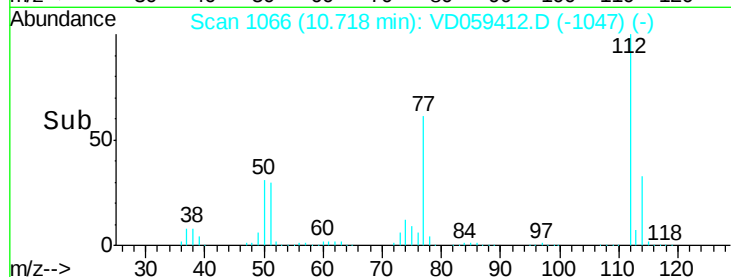
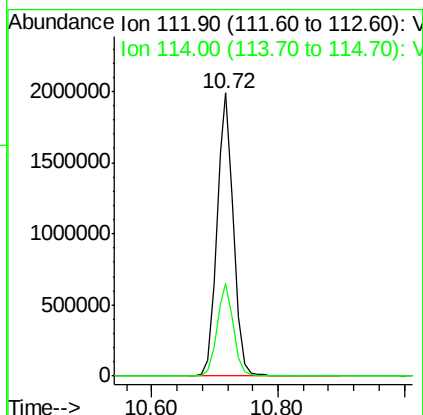
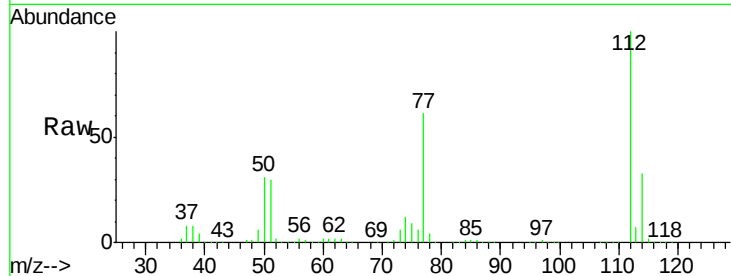




#65  
Chlorobenzene  
Concen: 243.31 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

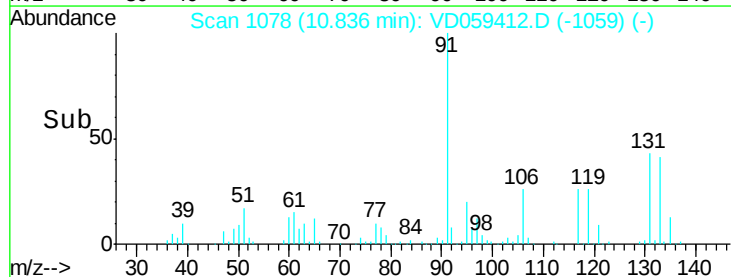
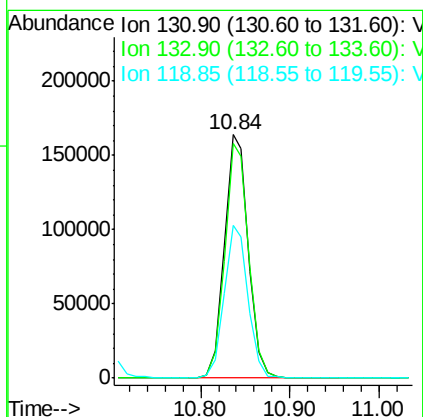
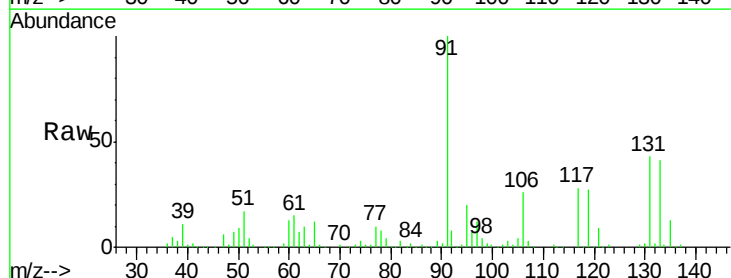
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

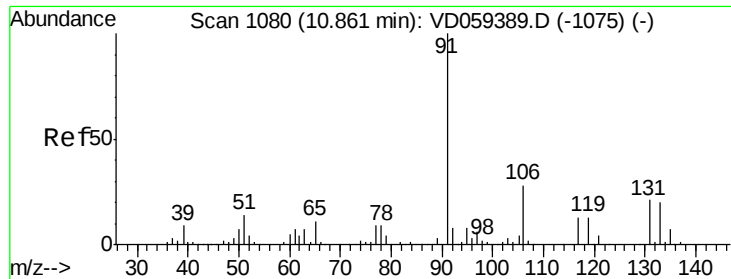
Tot Ion:112 Resp: 3653934  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.63 ug/l  
RT: 10.84 min Scan# 1078  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:131 Resp: 309152  
Ion Ratio Lower Upper  
131 100  
133 96.3 45.7 137.1  
119 62.7 32.3 96.9

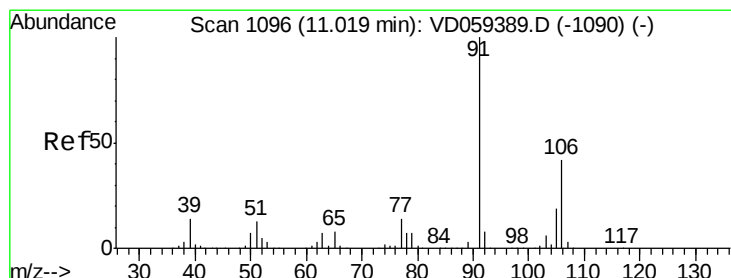
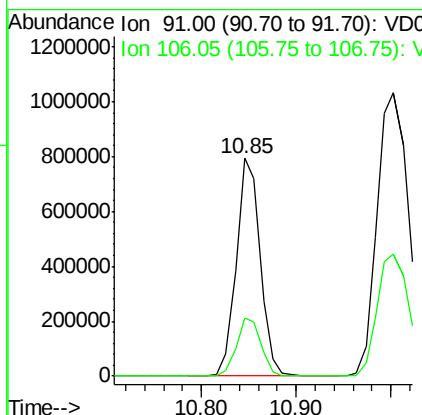
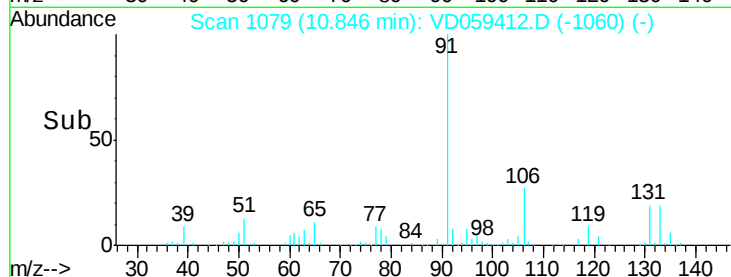
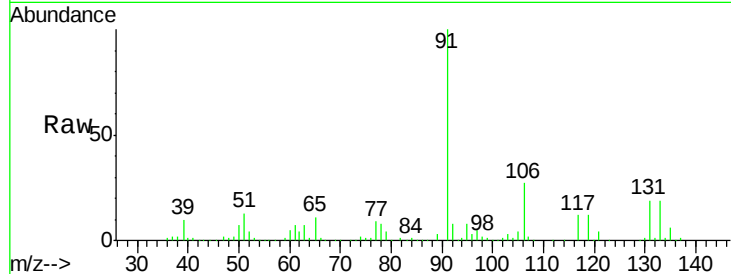




#67  
Ethvl Benzene  
Concen: 54.74 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

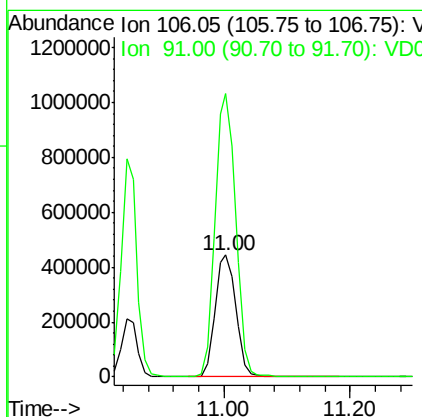
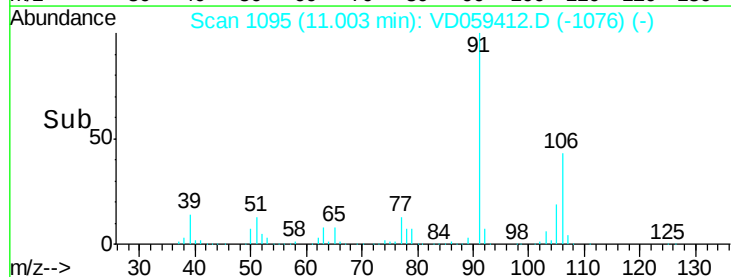
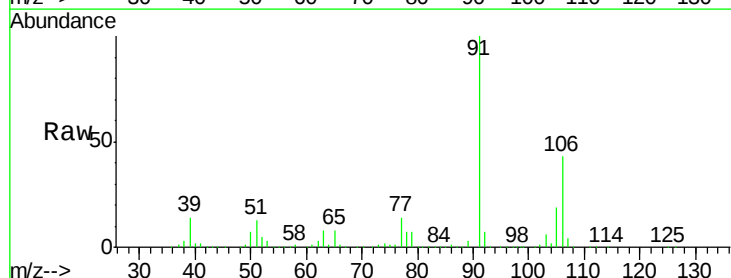
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

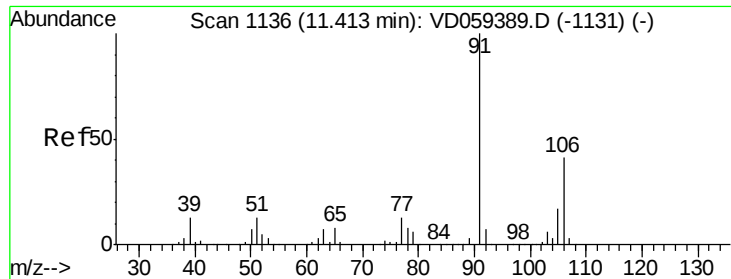
Tot Ion: 91 Resp: 1387279  
Ion Ratio Lower Upper  
91 100  
106 26.8 22.3 33.5



#68  
m/p-Xylenes  
Concen: 122.60 ug/l  
RT: 11.00 min Scan# 1095  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:106 Resp: 1030759  
Ion Ratio Lower Upper  
106 100  
91 232.8 191.0 286.6

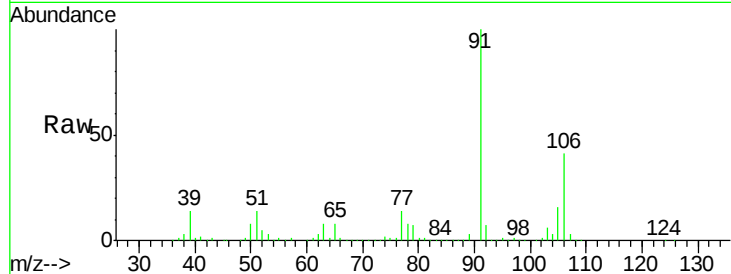




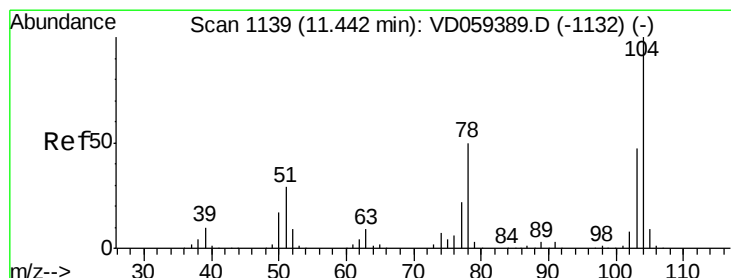
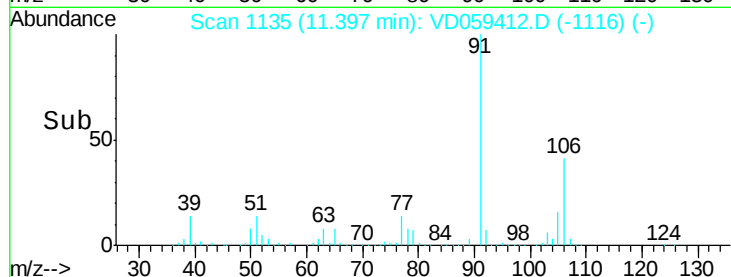
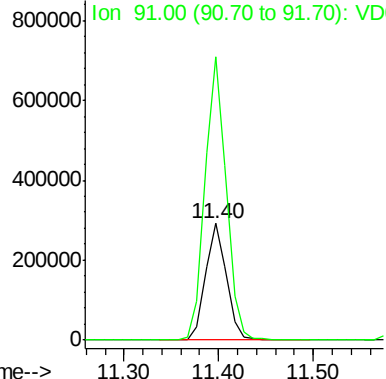
#69  
o-Xylene  
Concen: 53.69 ug/l  
RT: 11.40 min Scan# 1135  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Tot Ion:106 Resp: 446316  
Ion Ratio Lower Upper  
106 100  
91 242.3 121.0 362.8

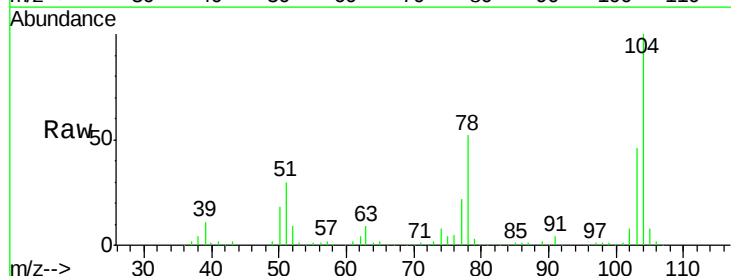


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

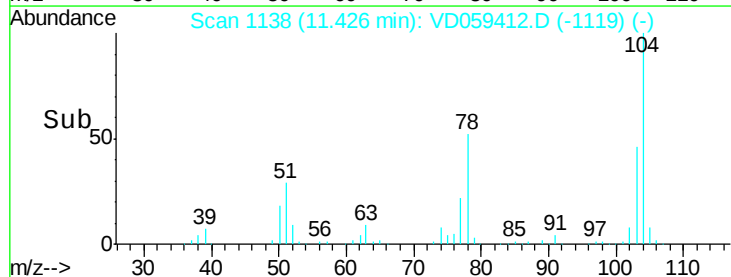
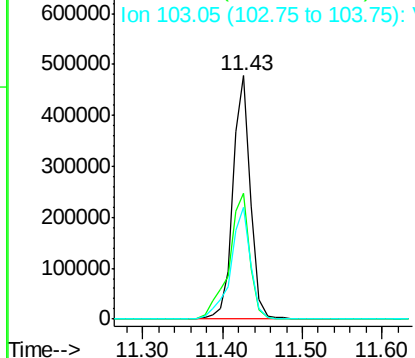


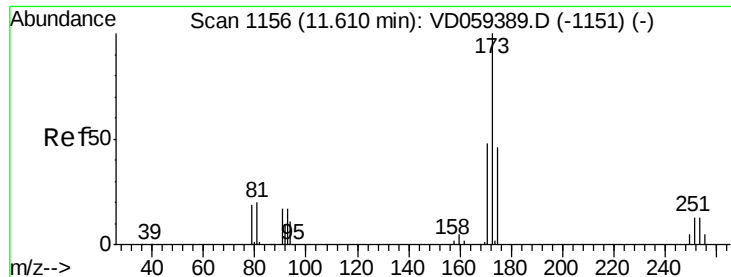
#70  
Styrene  
Concen: 51.96 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:104 Resp: 740302  
Ion Ratio Lower Upper  
104 100  
78 51.5 40.2 60.4  
103 46.0 37.8 56.8



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 56.90 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

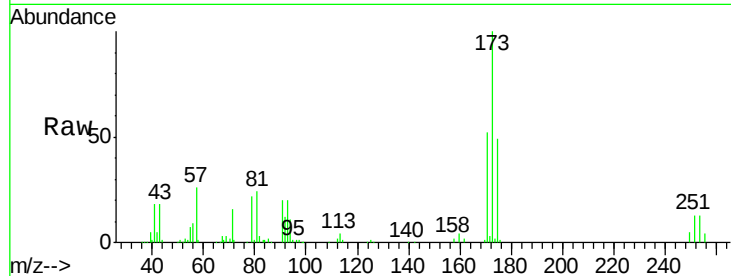
Tot Ion:173 Resp: 271718

Ion Ratio Lower Upper

173 100

175 48.6 22.8 68.4

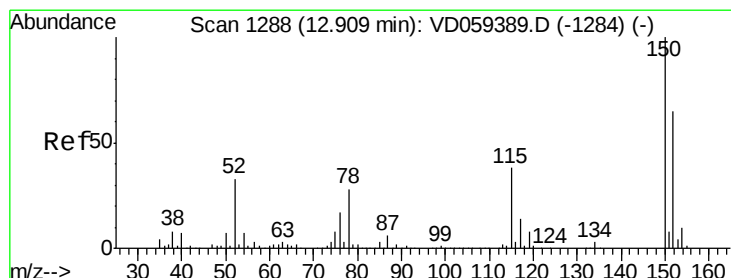
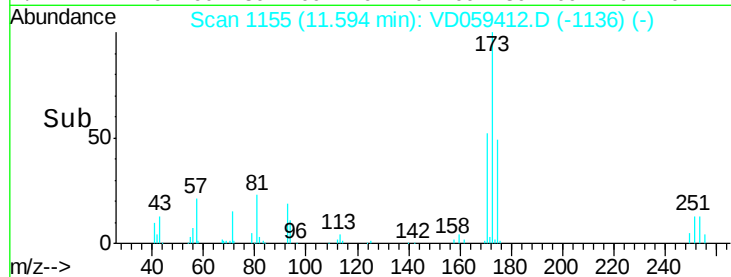
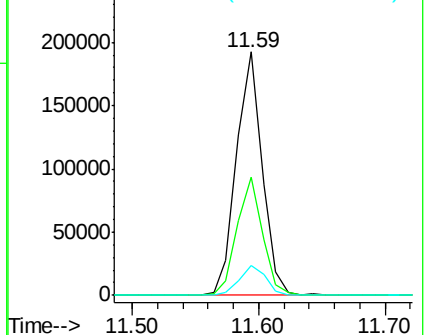
254 12.5 10.1 15.1



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

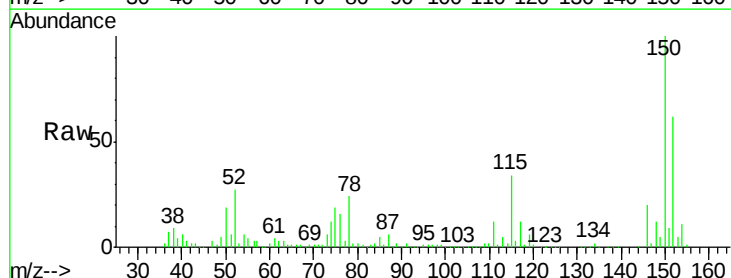
Tgt Ion:152 Resp: 405678

Ion Ratio Lower Upper

152 100

115 55.3 29.4 88.3

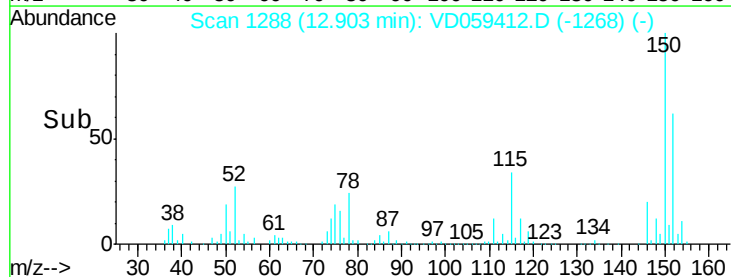
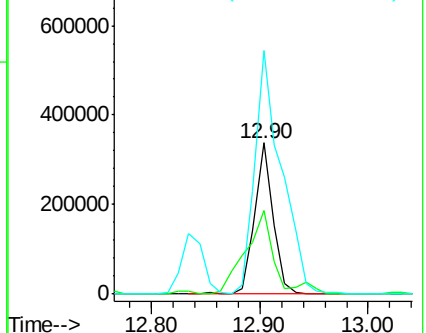
150 161.0 0.0 308.2

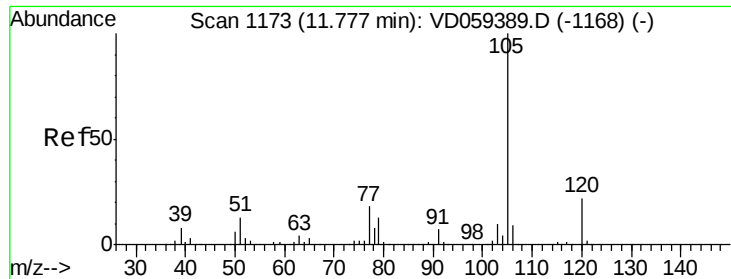


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.36 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

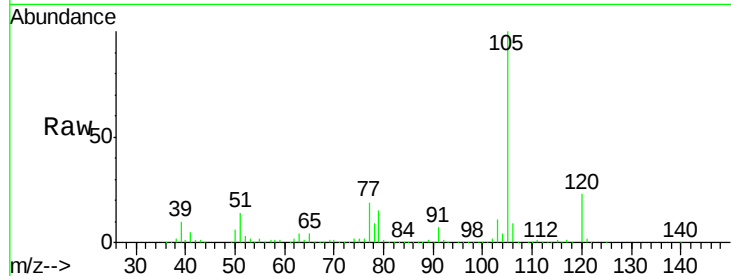
WP021SB472-13-15-180618MS

Tot Ion:105 Resp: 1267276

Ion Ratio Lower Upper

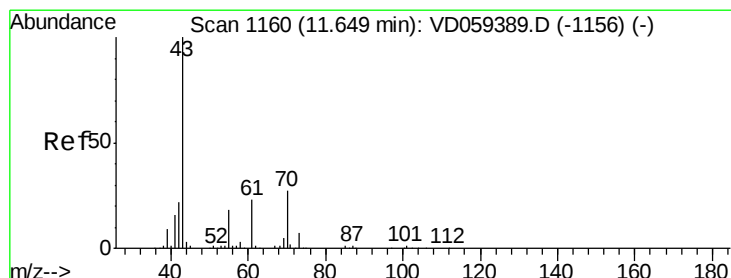
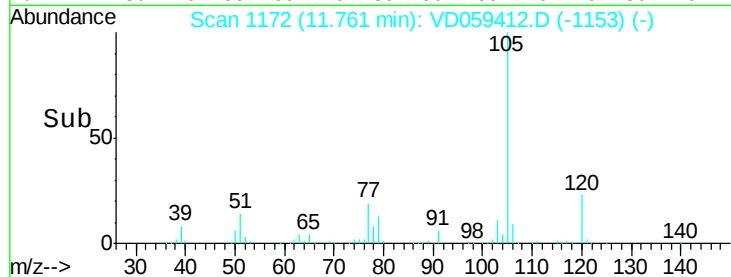
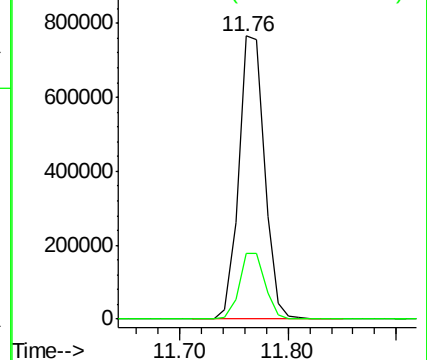
105 100

120 23.1 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 68.11 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Tgt Ion: 43 Resp: 593233

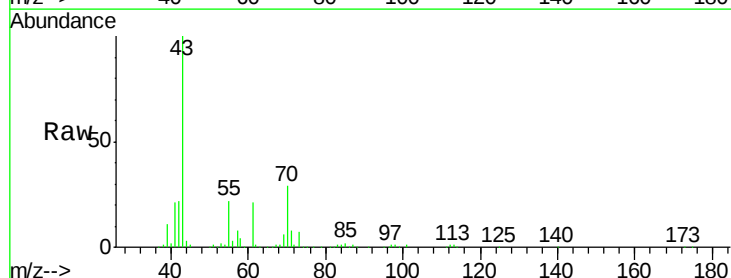
Ion Ratio Lower Upper

43 100

70 29.2 21.7 32.5

55 21.5 14.6 22.0

61 21.3 18.0 27.0

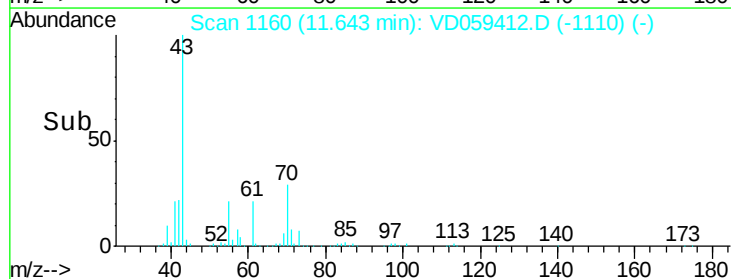
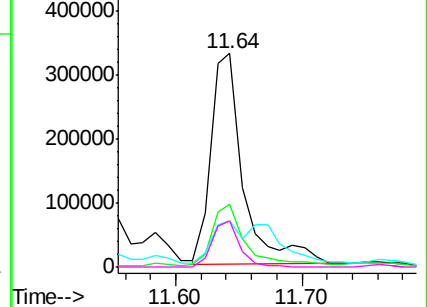


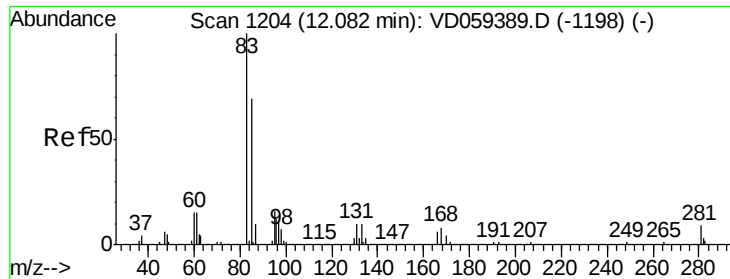
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 58.38 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

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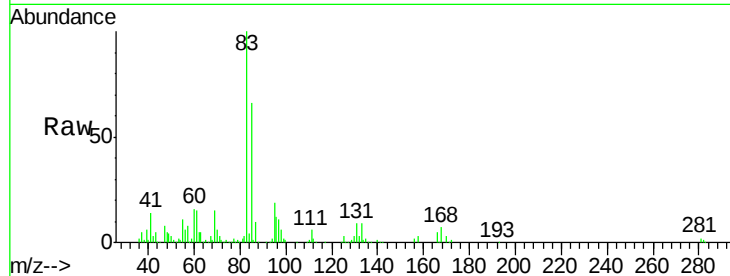
Tot Ion: 83 Resp: 313549

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.6

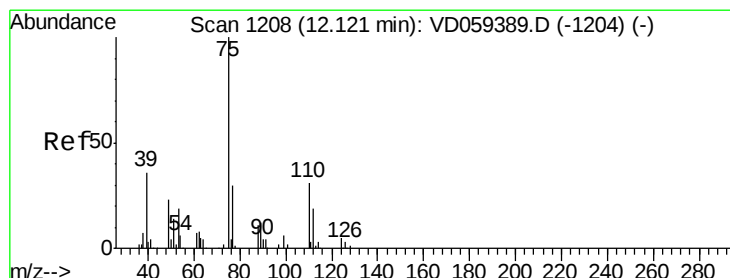
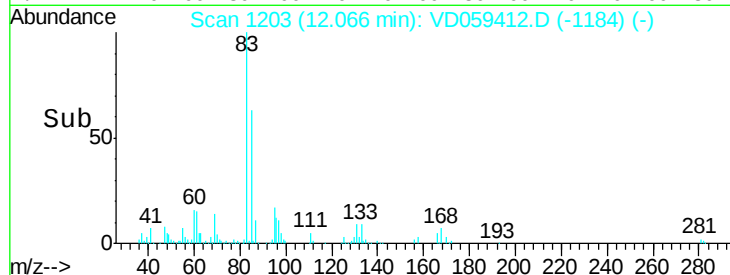
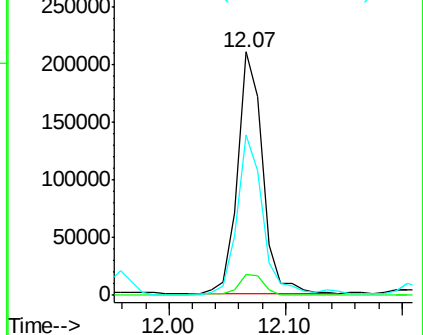
85 65.8 34.6 103.8



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 57.83 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VD059412.D

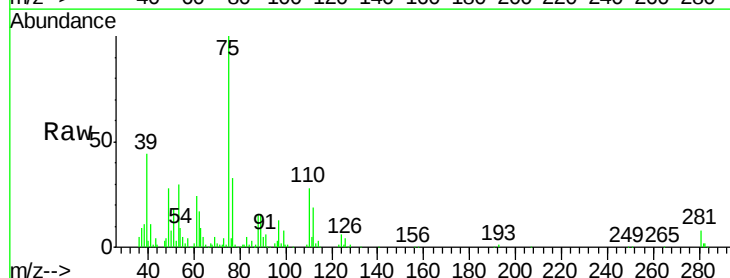
Acq: 25 Jun 2018 21:27

Tgt Ion: 75 Resp: 323572

Ion Ratio Lower Upper

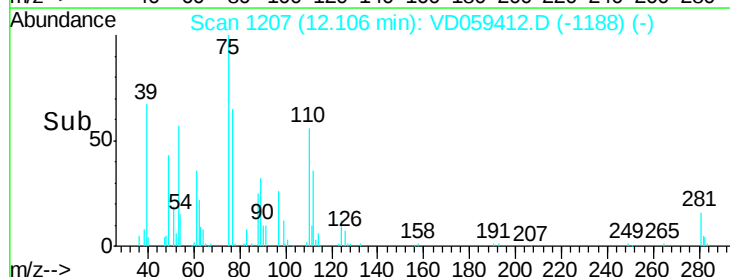
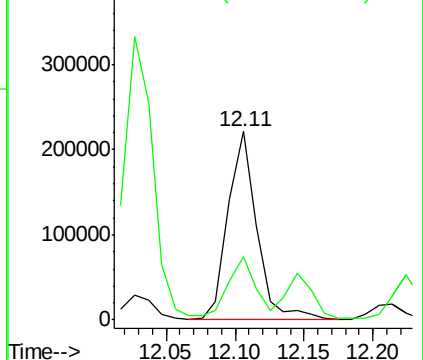
75 100

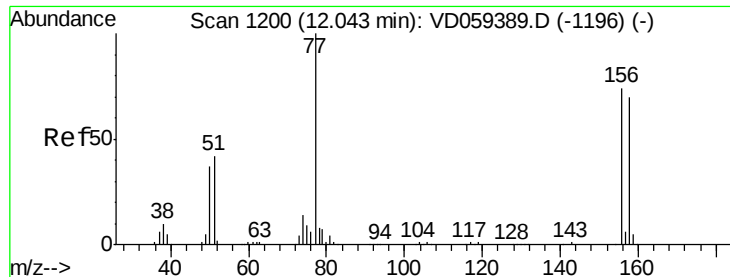
77 33.4 15.6 46.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

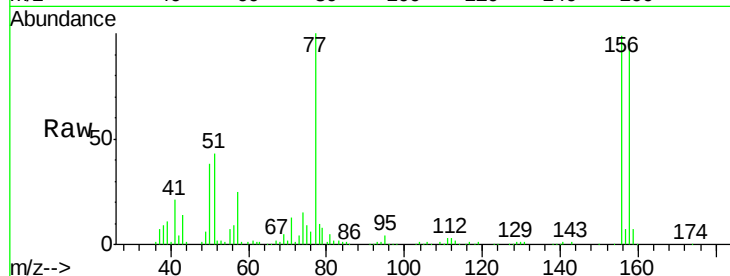




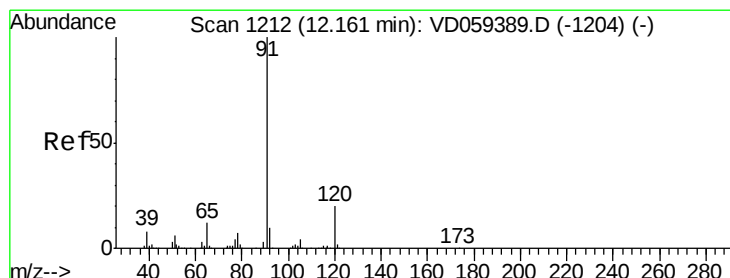
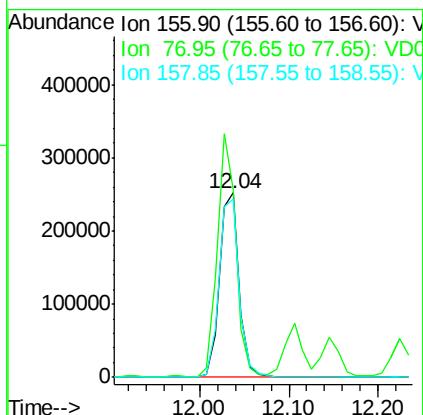
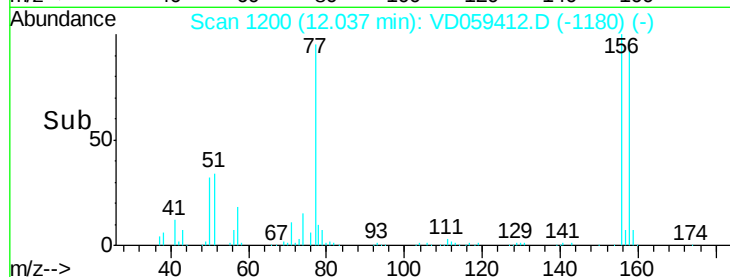
#77  
Bromobenzene  
Concen: 53.77 ug/l  
RT: 12.04 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Tot Ion:156 Resp: 387446  
Ion Ratio Lower Upper  
156 100  
77 101.3 68.0 203.8  
158 96.9 47.7 143.1

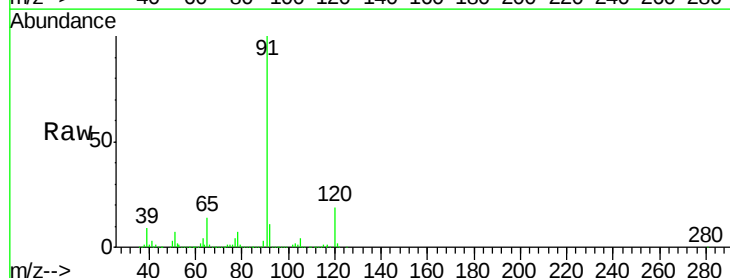


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): VDC  
Ion 157.85 (157.55 to 158.55): V

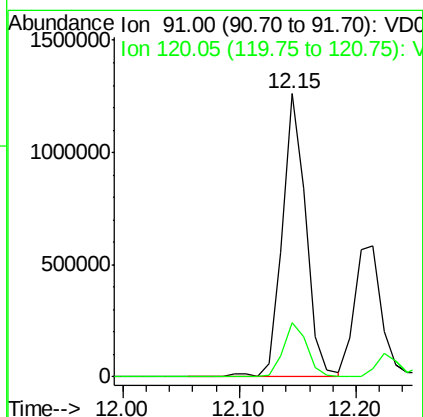
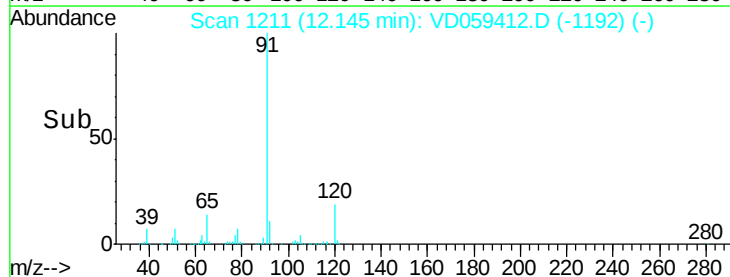


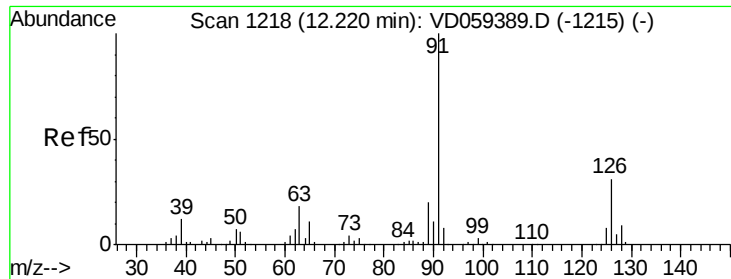
#78  
n-propylbenzene  
Concen: 60.60 ug/l  
RT: 12.15 min Scan# 1211  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 91 Resp: 1757053  
Ion Ratio Lower Upper  
91 100  
120 19.0 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.05 (119.75 to 120.75): V

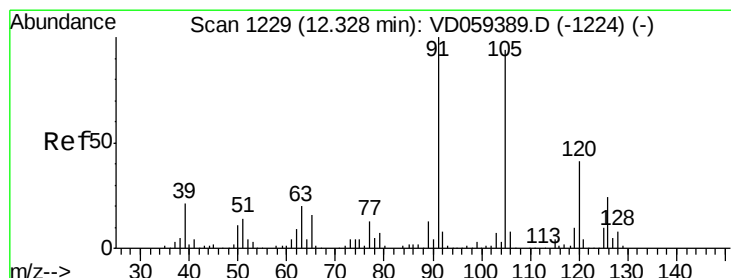
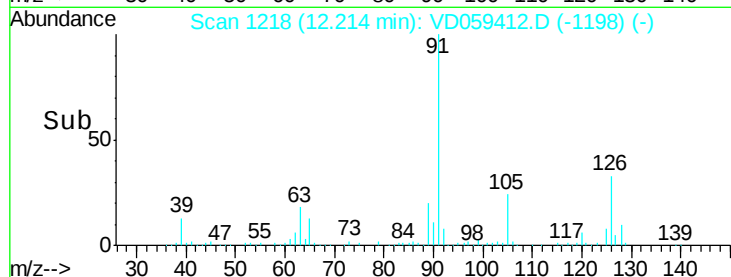
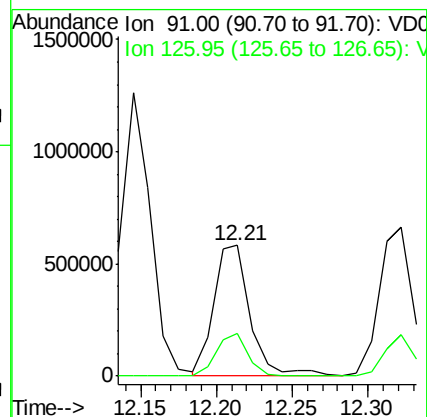
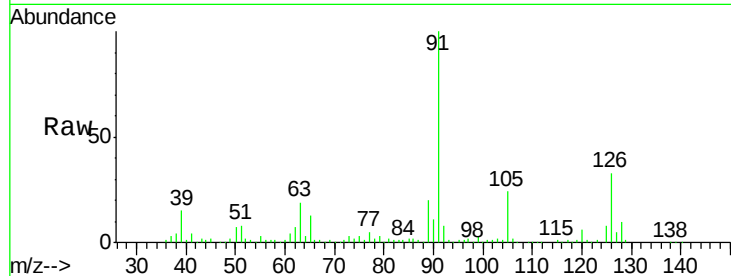




#79  
 2-Chlorotoluene  
 Concen: 57.00 ug/l  
 RT: 12.21 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

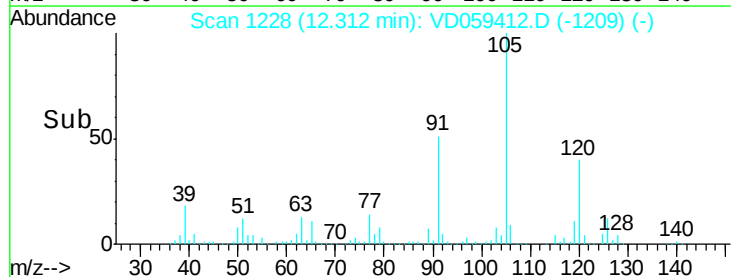
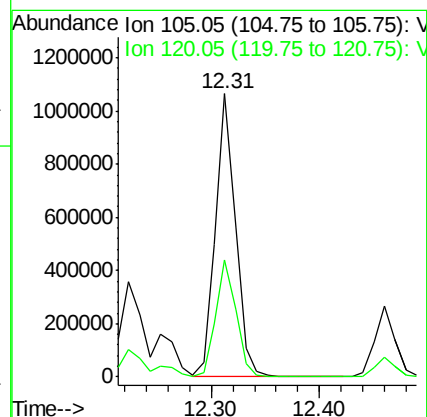
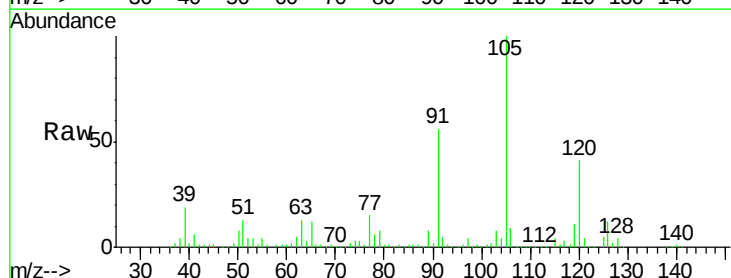
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

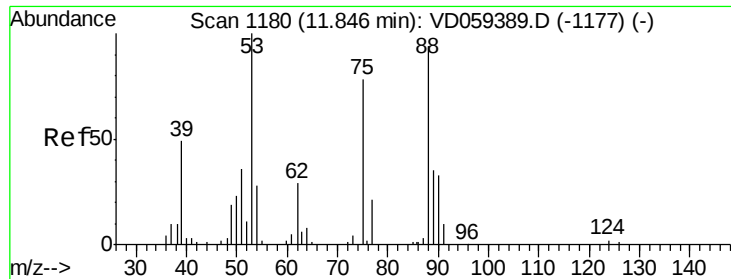
Tot Ion: 91 Resp: 970566  
 Ion Ratio Lower Upper  
 91 100  
 126 33.1 15.2 45.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 74.92 ug/l  
 RT: 12.31 min Scan# 1228  
 Delta R.T. -0.02 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion: 105 Resp: 1365423  
 Ion Ratio Lower Upper  
 105 100  
 120 41.2 21.9 65.7





#81

trans-1,4-Dichloro-2-butene

Concen: 58.48 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

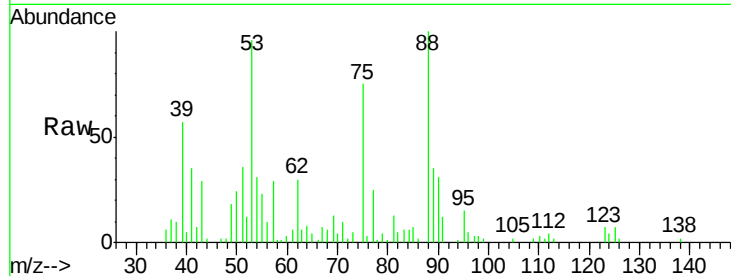
Tot Ion: 75 Resp: 74381

Ion Ratio Lower Upper

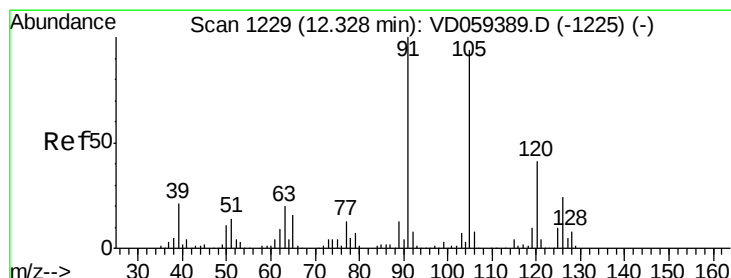
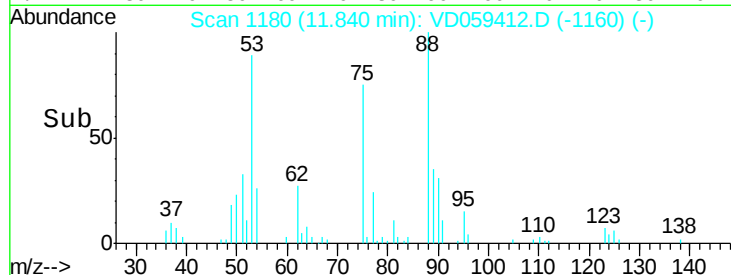
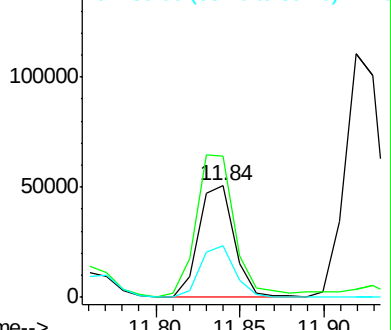
75 100

53 127.4 102.6 154.0

89 46.2 35.9 53.9



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 51.94 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD059412.D

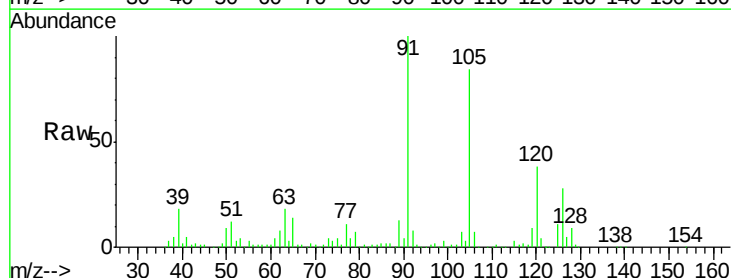
Acq: 25 Jun 2018 21:27

Tgt Ion: 91 Resp: 1002845

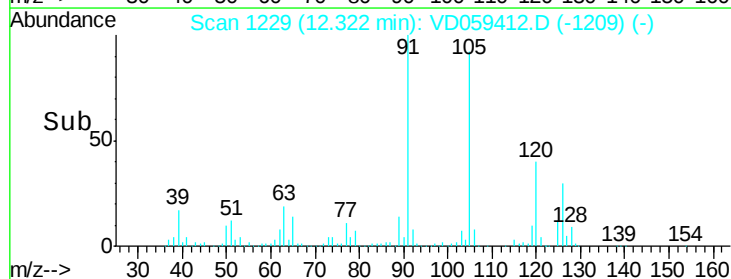
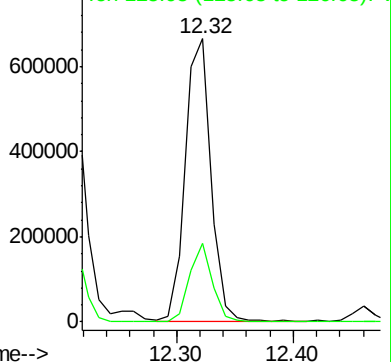
Ion Ratio Lower Upper

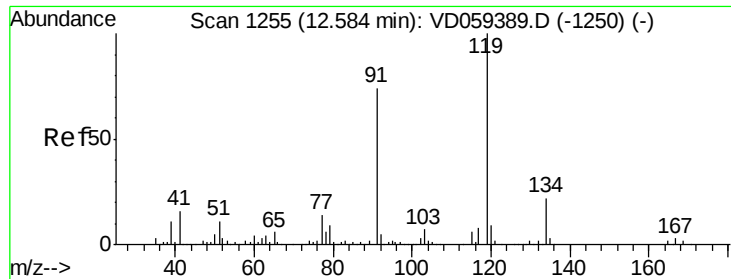
91 100

126 27.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V

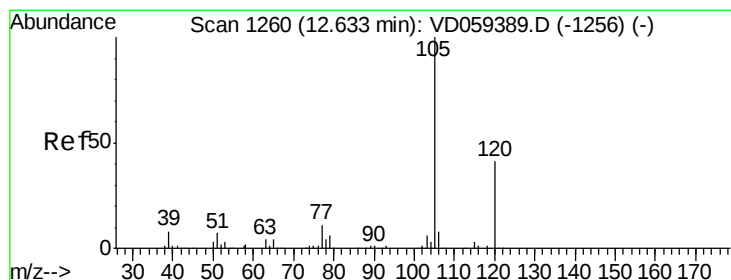
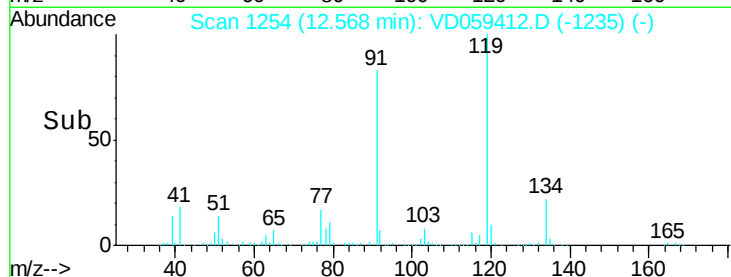
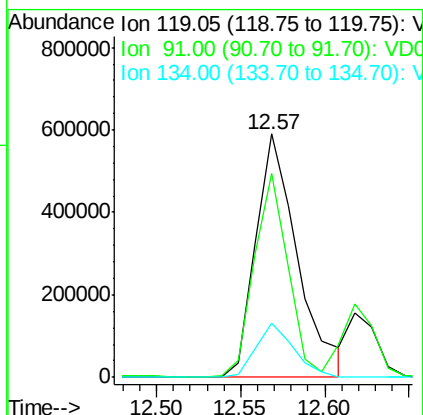
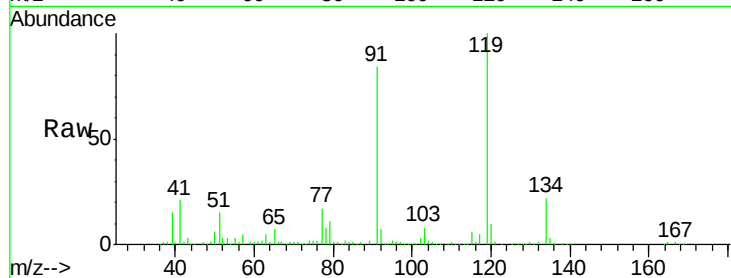




#83  
tert-Butylbenzene  
Concen: 52.36 ug/l  
RT: 12.57 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

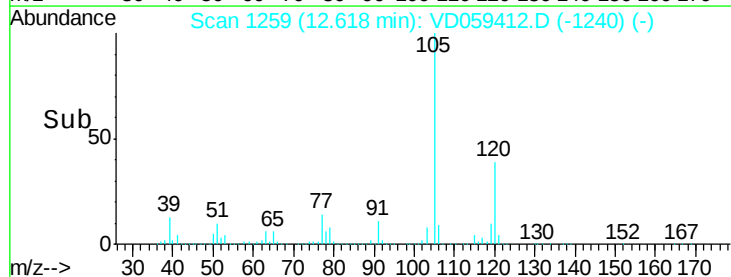
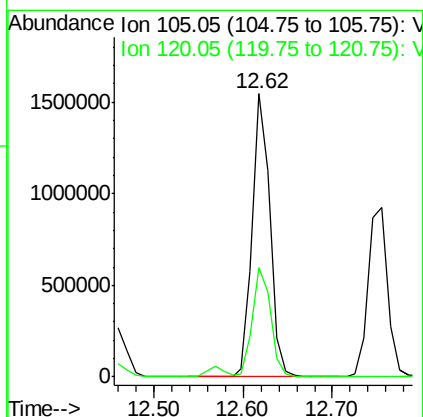
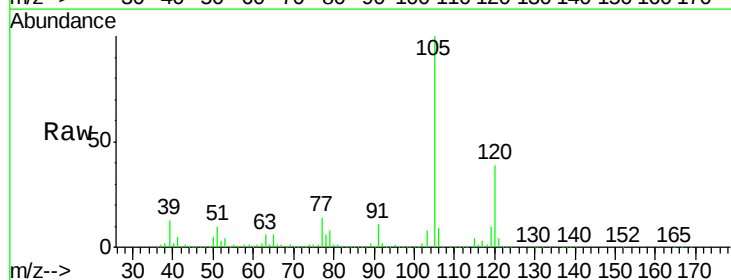
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

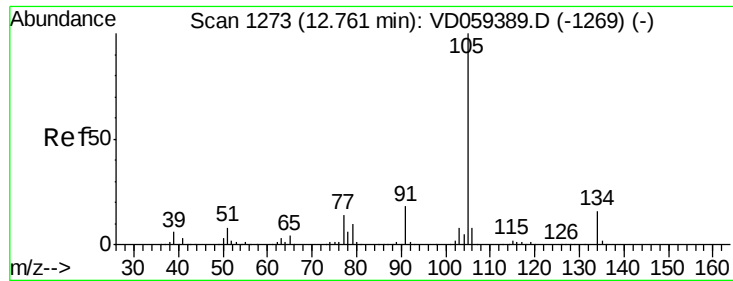
Tot Ion:119 Resp: 1015000  
Ion Ratio Lower Upper  
119 100  
91 83.8 36.9 110.7  
134 22.1 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 109.18 ug/l  
RT: 12.62 min Scan# 1259  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:105 Resp: 2105719  
Ion Ratio Lower Upper  
105 100  
120 38.8 21.5 64.5

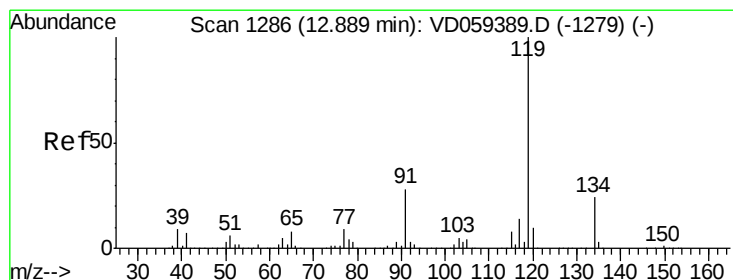
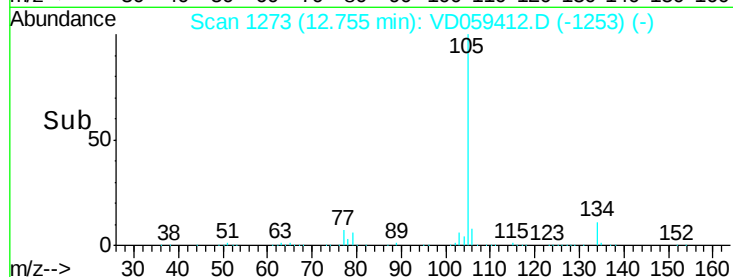
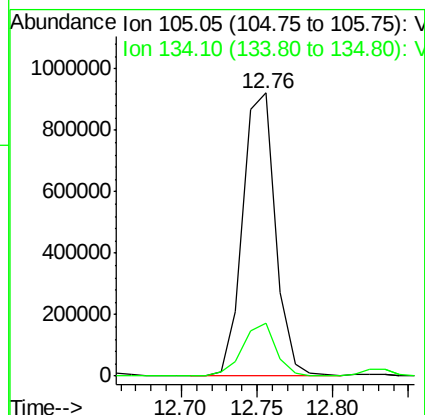
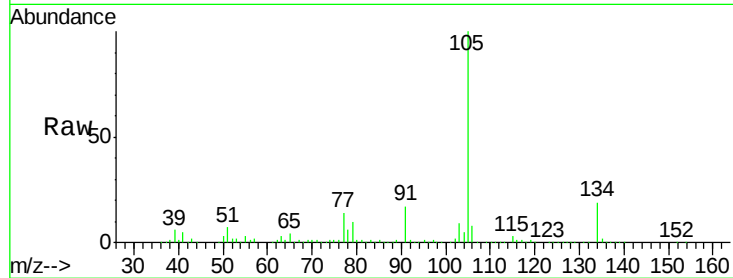




#85  
 sec-Butylbenzene  
 Concen: 57.93 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

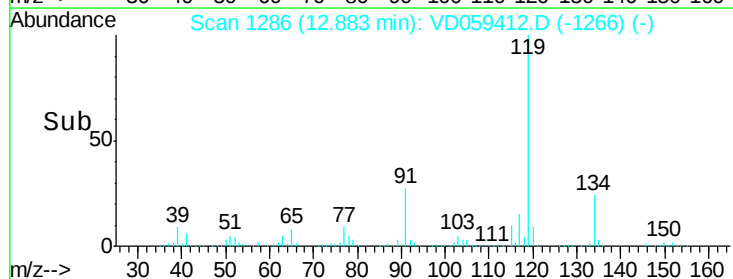
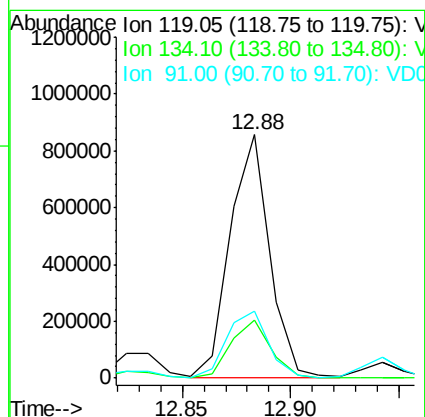
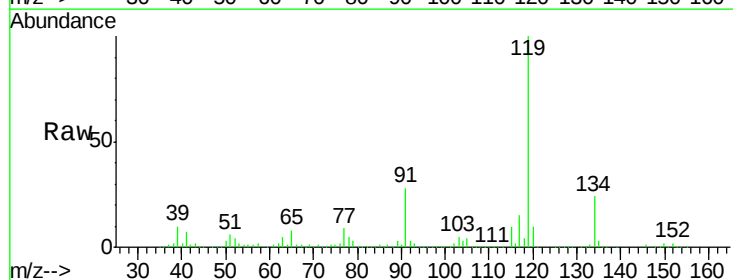
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

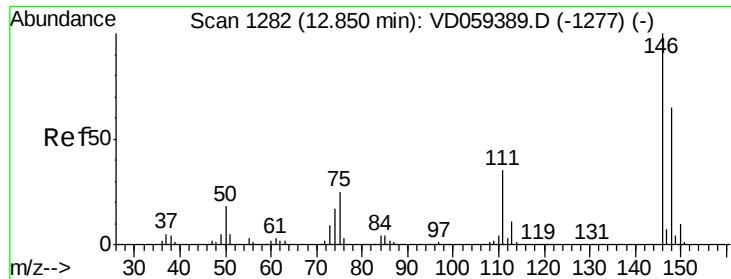
Tot Ion:105 Resp: 1378116  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 8.2 24.6



#86  
 p-Isopropyltoluene  
 Concen: 56.92 ug/l  
 RT: 12.88 min Scan# 1286  
 Delta R.T. -0.01 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion:119 Resp: 1091427  
 Ion Ratio Lower Upper  
 119 100  
 134 23.9 11.9 35.5  
 91 27.6 14.1 42.4

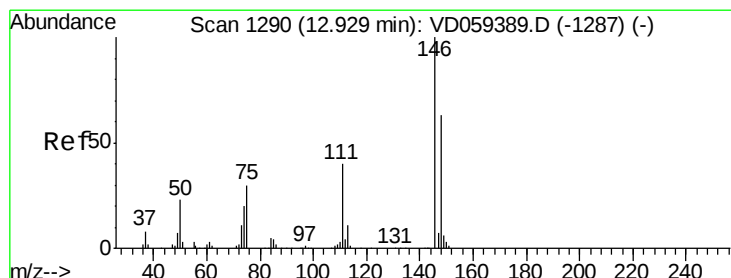
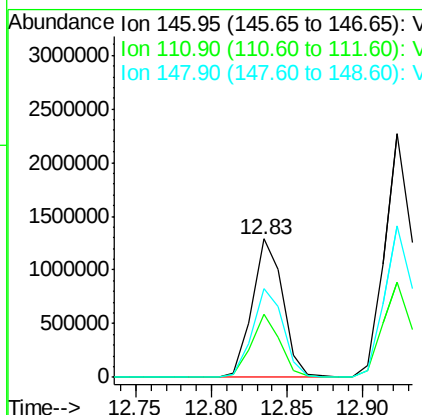
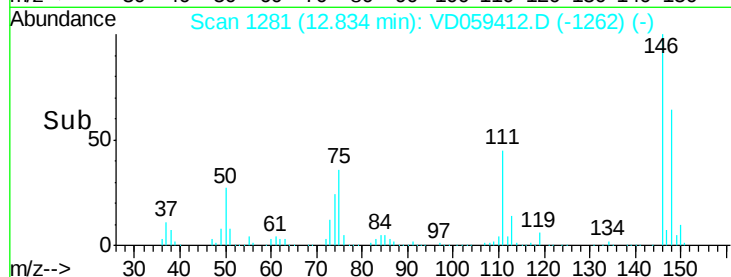
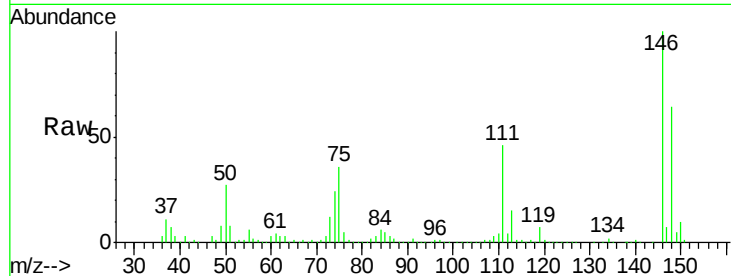




#87  
 1,3-Dichlorobenzene  
 Concen: 154.65 ug/l  
 RT: 12.83 min Scan# 1281  
 Delta R.T. -0.02 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

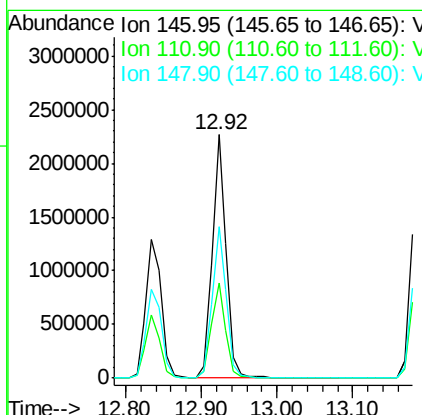
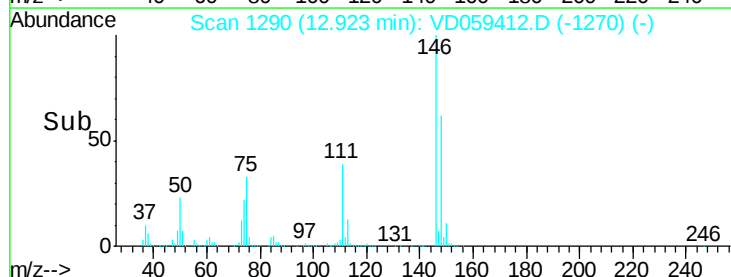
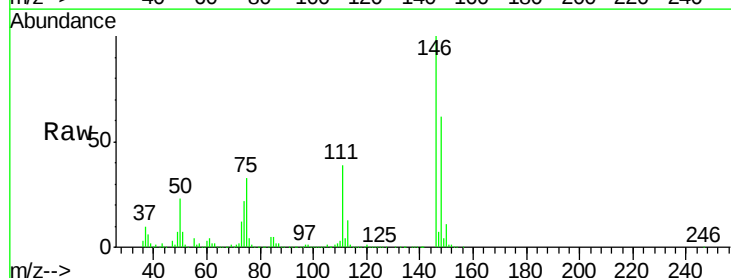
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB472-13-15-180618MS

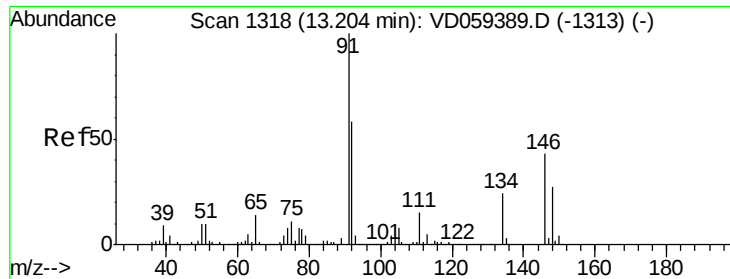
Tot Ion:146 Resp: 1833195  
 Ion Ratio Lower Upper  
 146 100  
 111 46.0 17.6 52.8  
 148 64.4 32.4 97.2



#88  
 1,4-Dichlorobenzene  
 Concen: 252.33 ug/l  
 RT: 12.92 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion:146 Resp: 2951695  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 20.1 60.2  
 148 62.5 31.4 94.0

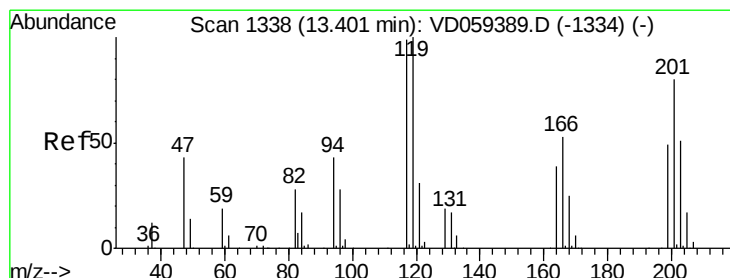
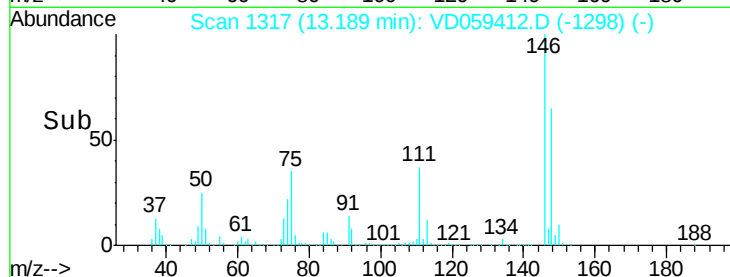
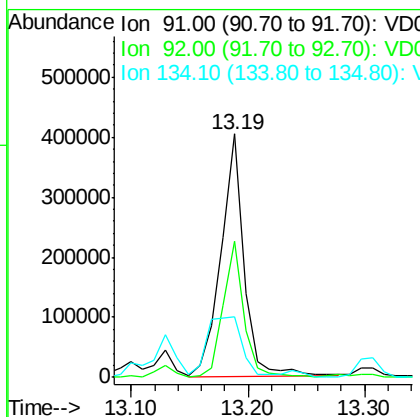
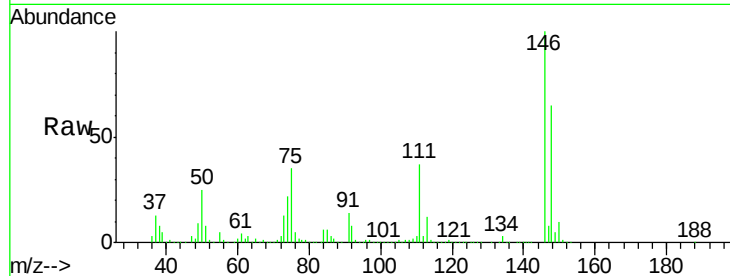




#89  
n-Butylbenzene  
Concen: 29.45 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

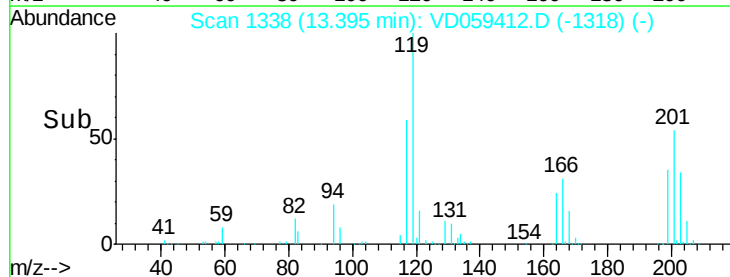
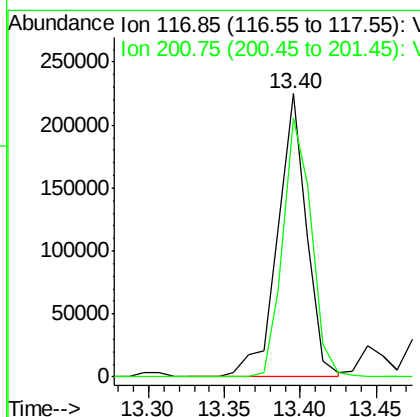
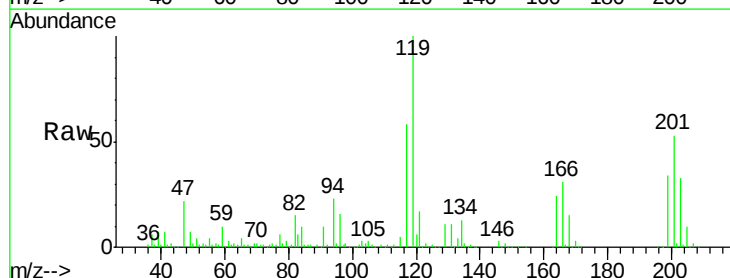
Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

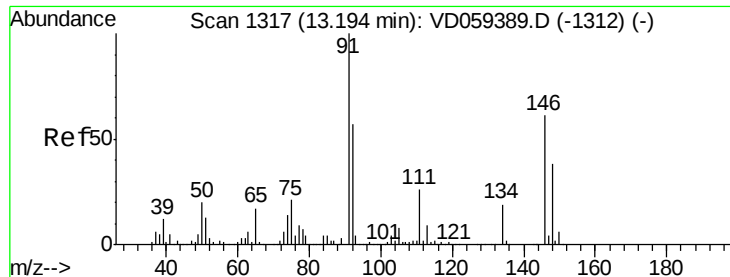
Tot Ion: 91 Resp: 557373  
Ion Ratio Lower Upper  
91 100  
92 55.8 28.8 86.5  
134 24.8 11.9 35.7



#90  
Hexachloroethane  
Concen: 63.05 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion: 117 Resp: 301629  
Ion Ratio Lower Upper  
117 100  
201 91.4 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 747.71 ug/l

RT: 13.21 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

Instrument :

MSVOA\_D

ClientSampleId :

WP021SB472-13-15-180618MS

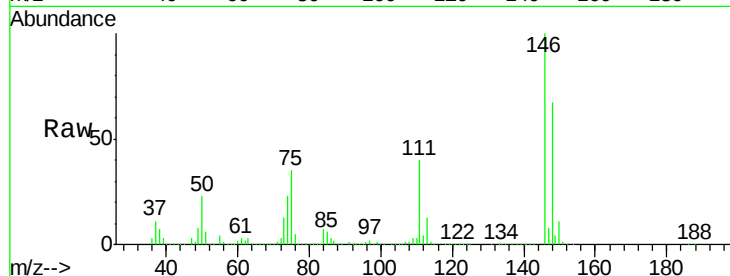
Tot Ion:146 Resp: 7514819

Ion Ratio Lower Upper

146 100

111 40.3 21.4 64.2

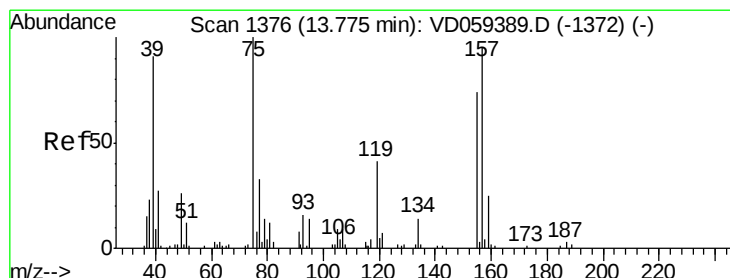
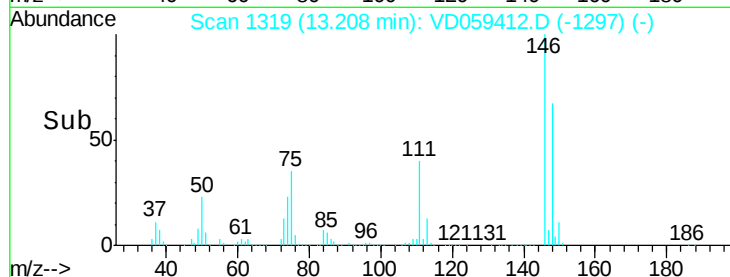
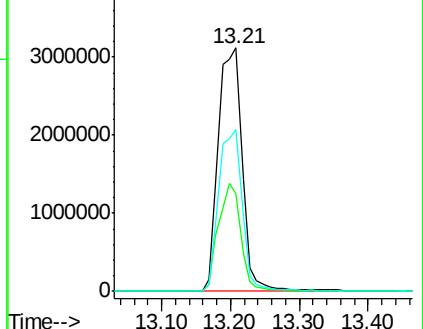
148 66.6 31.6 95.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.33 ug/l

RT: 13.77 min Scan# 1376

Delta R.T. -0.01 min

Lab File: VD059412.D

Acq: 25 Jun 2018 21:27

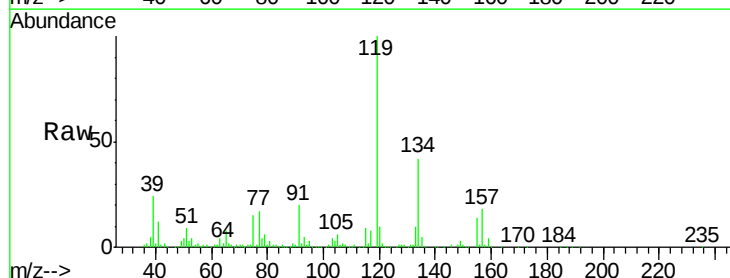
Tgt Ion: 75 Resp: 57855

Ion Ratio Lower Upper

75 100

155 89.8 37.2 111.6

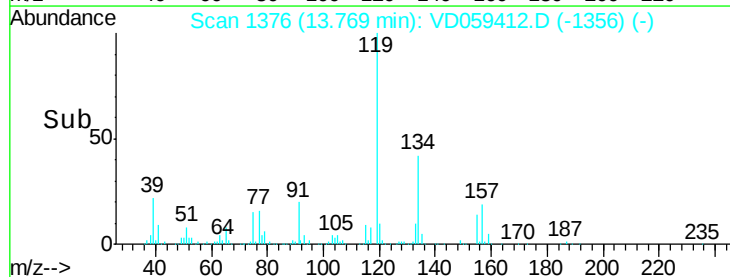
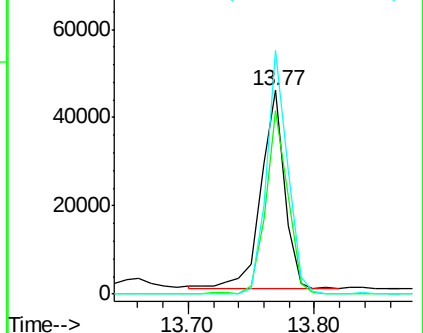
157 119.5 47.4 142.2

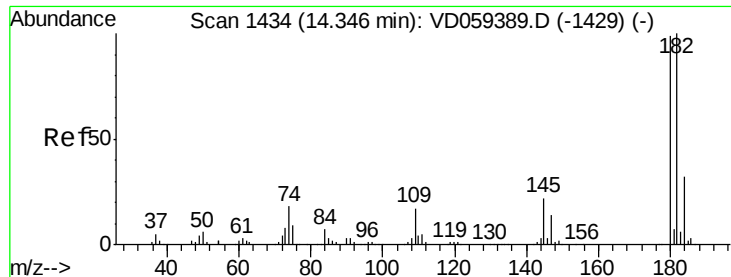


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

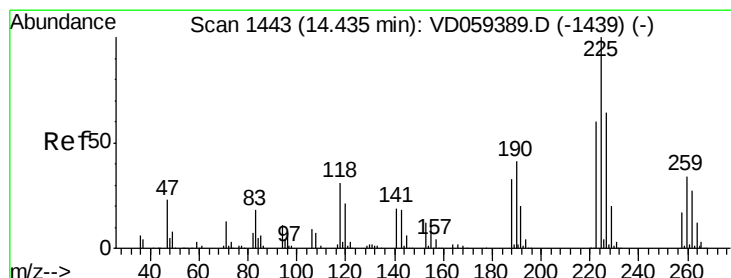
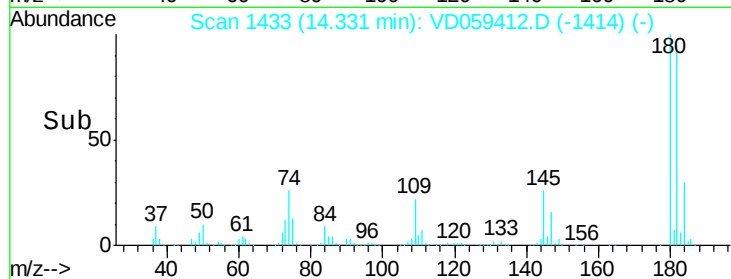
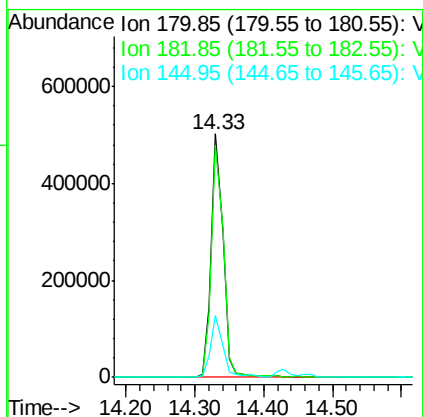
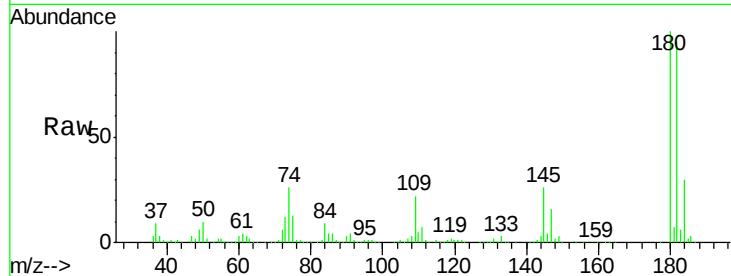




#93  
 1,2,4-Trichlorobenzene  
 Concen: 65.80 ug/l  
 RT: 14.33 min Scan# 1433  
 Delta R.T. -0.02 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

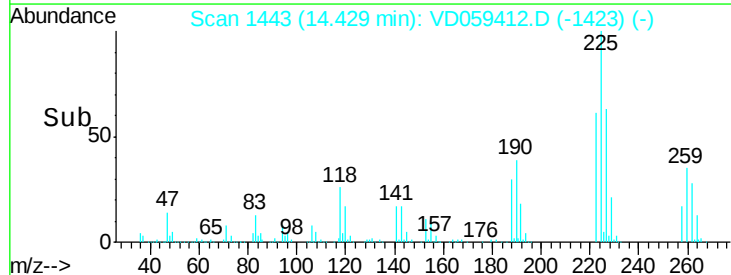
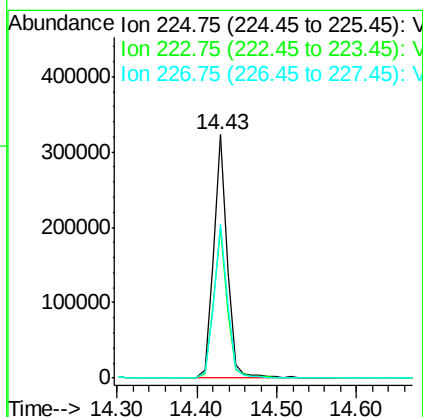
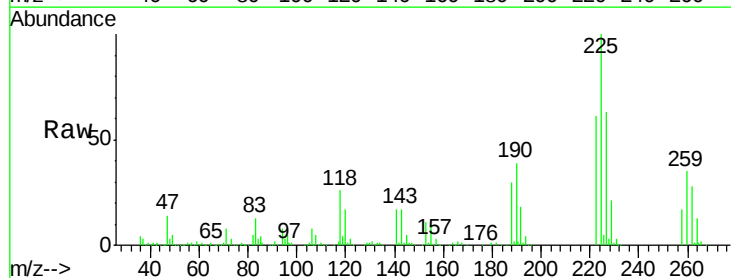
Instrument :  
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 ClientSampleId :  
 WP021SB472-13-15-180618MS

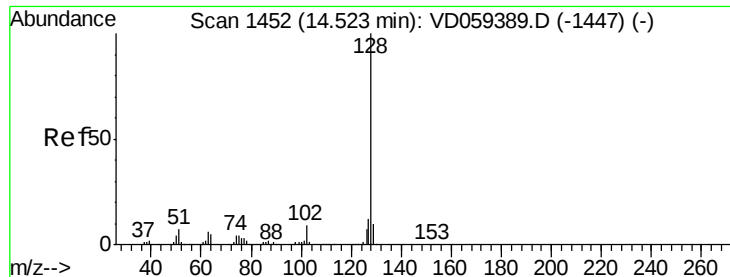
Tot Ion:180 Resp: 611430  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 50.4 151.2  
 145 25.6 11.0 33.0



#94  
 Hexachlorobutadiene  
 Concen: 56.34 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: VD059412.D  
 Acq: 25 Jun 2018 21:27

Tgt Ion:225 Resp: 393954  
 Ion Ratio Lower Upper  
 225 100  
 223 61.0 30.0 90.1  
 227 63.3 32.1 96.5

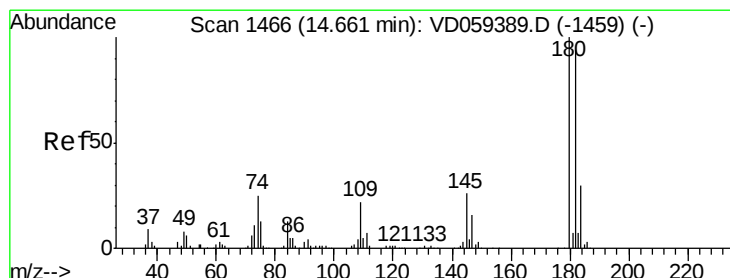
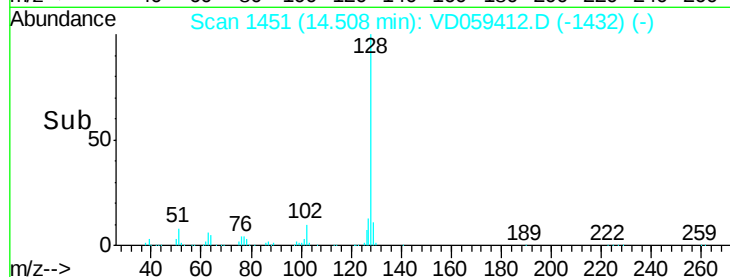
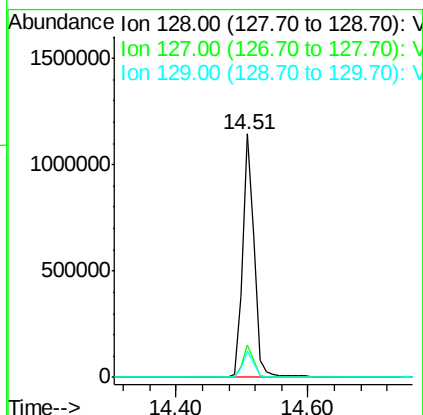
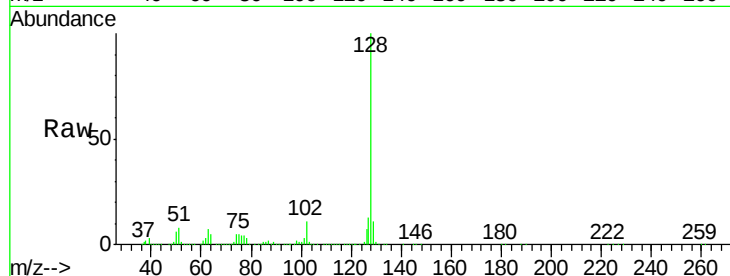




#95  
Naphthalene  
Concen: 108.71 ug/l  
RT: 14.51 min Scan# 1451  
Delta R.T. -0.02 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
WP021SB472-13-15-180618MS

Tot Ion:128 Resp: 1407874  
Ion Ratio Lower Upper  
128 100  
127 13.2 9.6 14.4  
129 10.7 8.2 12.2



#96  
1,2,3-Trichlorobenzene  
Concen: 56.70 ug/l  
RT: 14.66 min Scan# 1466  
Delta R.T. -0.01 min  
Lab File: VD059412.D  
Acq: 25 Jun 2018 21:27

Tgt Ion:180 Resp: 473691  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.1 141.4  
145 25.9 13.1 39.3

