

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\  
 Data File : VD060038.D  
 Acq On : 19 Sep 2018 12:03  
 Operator : JC/SY  
 Sample : VD0919SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 20 05:42:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.41  | 168  | 1625729  | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 7.45  | 114  | 2238875  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 11.29 | 117  | 1831557  | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 13.38 | 152  | 967925   | 50.00 | ug/l  | 0.01     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.79   | 65  | 626663   | 49.43 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.86%  |      |
| 35) Dibromofluoromethane  | 6.32   | 113 | 883266   | 50.50 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.00% |      |
| 50) Toluene-d8            | 9.46   | 98  | 2493129  | 51.43 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.86% |      |
| 62) 4-Bromofluorobenzene  | 12.44  | 95  | 927532   | 50.08 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.16% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 321700  | 18.75  | ug/l | 100    |
| 3) Chloromethane              | 1.75 | 50  | 328755  | 21.69  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.85 | 62  | 249116  | 20.44  | ug/l | 99     |
| 5) Bromomethane               | 2.13 | 94  | 20828   | 14.44  | ug/l | 92     |
| 6) Chloroethane               | 2.24 | 64  | 60606   | 22.25  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 2.50 | 101 | 291966  | 21.76  | ug/l | 97     |
| 8) Diethyl Ether              | 2.82 | 74  | 62592   | 21.95  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.08 | 101 | 190196  | 22.48  | ug/l | 98     |
| 10) Methyl Iodide             | 3.24 | 142 | 180054  | 20.09  | ug/l | 95     |
| 11) Tert butyl alcohol        | 3.97 | 59  | 77517   | 75.78  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.07 | 96  | 149243  | 22.31  | ug/l | 97     |
| 13) Acrolein                  | 2.98 | 56  | 54677   | 86.31  | ug/l | 93     |
| 14) Allyl chloride            | 3.53 | 41  | 291218  | 20.64  | ug/l | 98     |
| 15) Acrylonitrile             | 4.08 | 53  | 362595  | 93.90  | ug/l | 99     |
| 16) Acetone                   | 3.16 | 43  | 283443  | 115.80 | ug/l | 100    |
| 17) Carbon Disulfide          | 3.31 | 76  | 477899  | 20.74  | ug/l | 99     |
| 18) Methyl Acetate            | 3.56 | 43  | 95037   | 19.09  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 4.12 | 73  | 590847  | 19.12  | ug/l | 99     |
| 20) Methylene Chloride        | 3.72 | 84  | 395682  | 18.12  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.10 | 96  | 350277  | 19.95  | ug/l | 100    |
| 22) Diisopropyl ether         | 4.86 | 45  | 1268787 | 19.72  | ug/l | 96     |
| 23) Vinyl Acetate             | 4.80 | 43  | 3634312 | 99.69  | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 4.76 | 63  | 587564  | 20.35  | ug/l | 99     |
| 25) 2-Butanone                | 5.63 | 43  | 702040  | 106.29 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 5.59 | 77  | 479299  | 21.35  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 5.60 | 96  | 373012  | 20.31  | ug/l | 96     |
| 28) Bromochloromethane        | 5.92 | 49  | 282399  | 20.34  | ug/l | 91     |
| 29) Tetrahydrofuran           | 5.96 | 42  | 322663  | 91.09  | ug/l | 99     |
| 30) Chloroform                | 6.11 | 83  | 591952  | 20.21  | ug/l | 99     |
| 31) Cyclohexane               | 6.36 | 56  | 544727  | 19.35  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 6.30 | 97  | 480624  | 19.79  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 6.52 | 75  | 447158  | 20.11  | ug/l | 97     |
| 37) Ethyl Acetate             | 5.69 | 43  | 294023  | 19.23  | ug/l | 96     |
| 38) Carbon Tetrachloride      | 6.50 | 117 | 402220  | 19.37  | ug/l | 96     |

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 Sample : VD0919SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 20 05:42:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 8.05  | 83   | 494892   | 19.67  | ug/l   | 97       |
| 40) Benzene                    | 6.80  | 78   | 1149744  | 20.28  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.95  | 41   | 326697   | 40.79  | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 6.90  | 62   | 319140   | 18.75  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.35  | 43   | 367614   | 17.95  | ug/l # | 99       |
| 44) Trichloroethene            | 7.74  | 130  | 352258   | 20.11  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 8.11  | 63   | 295434   | 19.49  | ug/l   | 99       |
| 46) Dibromomethane             | 8.22  | 93   | 188476   | 19.06  | ug/l   | 93       |
| 47) Bromodichloromethane       | 8.50  | 83   | 418968   | 19.65  | ug/l   | 99       |
| 48) Methyl methacrylate        | 8.25  | 41   | 214165   | 18.78  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 8.23  | 88   | 41436    | 365.81 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.35  | 43   | 1473503  | 97.17  | ug/l   | 100      |
| 52) Toluene                    | 9.55  | 92   | 735610   | 20.25  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.93  | 75   | 394672   | 19.85  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.11  | 75   | 470202   | 19.79  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.19 | 97   | 241758   | 19.16  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.03 | 69   | 254033   | 18.16  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.39 | 76   | 362115   | 19.45  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.93  | 63   | 716381   | 106.02 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.50 | 43   | 1090447  | 100.03 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.64 | 129  | 295742   | 19.26  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.76 | 107  | 246375   | 18.92  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.26 | 164  | 312511   | 19.34  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.32 | 112  | 816936   | 20.75  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.42 | 131  | 266621   | 20.07  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.43 | 91   | 1330969  | 21.00  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.57 | 106  | 1040298  | 44.45  | ug/l   | 94       |
| 69) o-Xylene                   | 11.94 | 106  | 490012   | 21.13  | ug/l   | 97       |
| 70) Styrene                    | 11.96 | 104  | 813419   | 20.86  | ug/l   | 98       |
| 71) Bromoform                  | 12.12 | 173  | 205050   | 17.97  | ug/l   | 96       |
| 73) Isopropylbenzene           | 12.28 | 105  | 1372420  | 21.62  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.14 | 43   | 470928   | 18.73  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.56 | 83   | 278834   | 19.36  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 275201   | 18.62  | ug/l   | 99       |
| 77) Bromobenzene               | 12.54 | 156  | 375974   | 20.56  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.64 | 91   | 1720233  | 21.55  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.71 | 91   | 910390   | 20.21  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.80 | 105  | 1058878  | 21.76  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.35 | 75   | 83156    | 18.63  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.82 | 91   | 1064201  | 21.48  | ug/l   | 90       |
| 83) tert-Butylbenzene          | 13.06 | 119  | 1204092  | 21.36  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.10 | 105  | 1075337  | 20.71  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.22 | 105  | 1377054  | 20.58  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.35 | 119  | 1129257  | 20.87  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.31 | 146  | 659467   | 20.74  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.40 | 146  | 666530   | 20.67  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.65 | 91   | 1180843  | 20.13  | ug/l   | 95       |
| 90) Hexachloroethane           | 13.86 | 117  | 265618   | 19.82  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.67 | 146  | 566456   | 19.08  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75   | 36699    | 16.72  | ug/l   | 88       |

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Operator : JC/SY  
Sample : VD0919SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

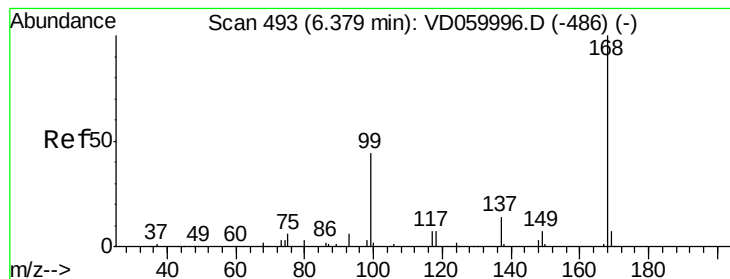
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Sep 20 05:42:23 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 13 16:17:40 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180  | 448022   | 19.77 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.89 | 225  | 310748   | 20.73 | ug/l  | 100      |
| 95) Naphthalene            | 14.97 | 128  | 637002   | 18.20 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.12 | 180  | 383511   | 19.20 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

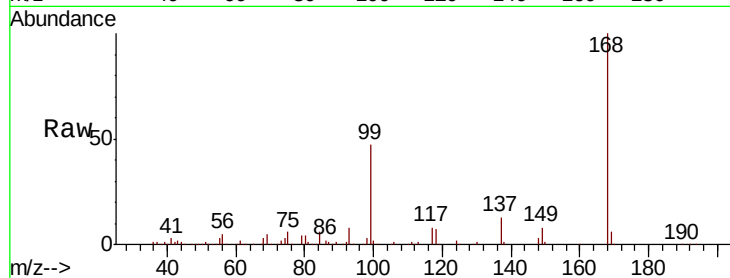
ClientSampleId :

Tot Ion:168 Resp: 1625729

Ion Ratio Lower Upper

168 100

99 47.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

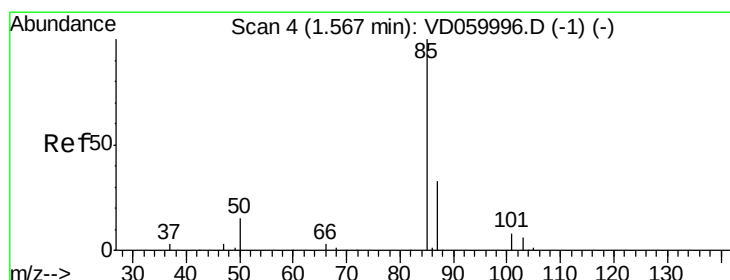
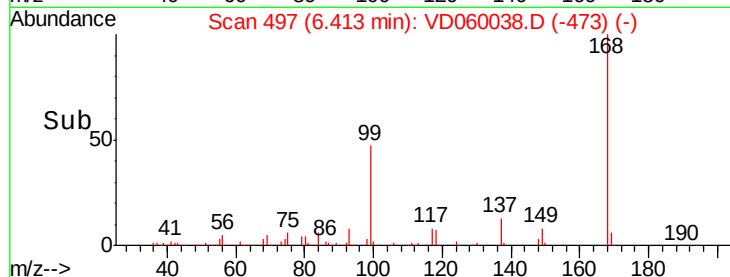
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.75 ug/l

RT: 1.58 min Scan# 6

Delta R.T. 0.01 min

Lab File: VD060038.D

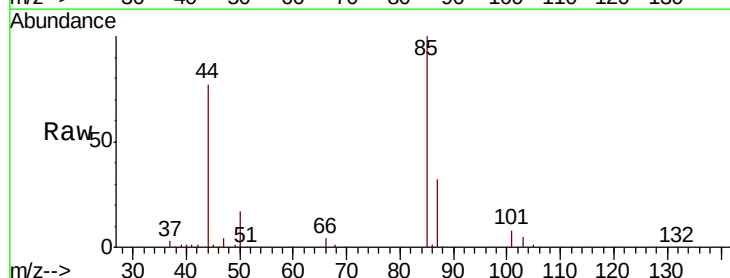
Acq: 19 Sep 2018 12:03

Tgt Ion: 85 Resp: 321700

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

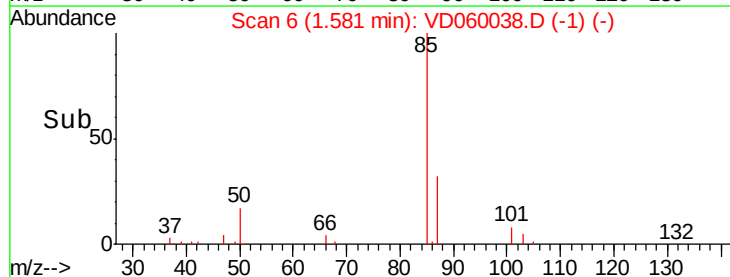
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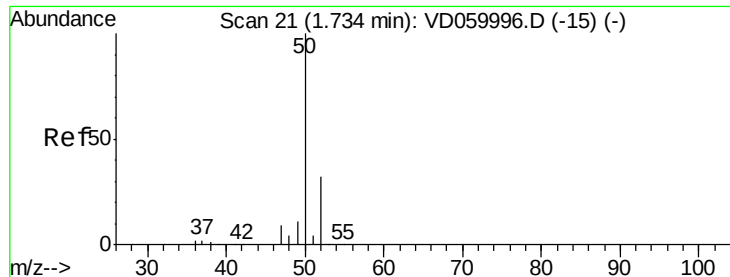
100000

50000

0

Time-->





#3

Chloromethane

Concen: 21.69 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

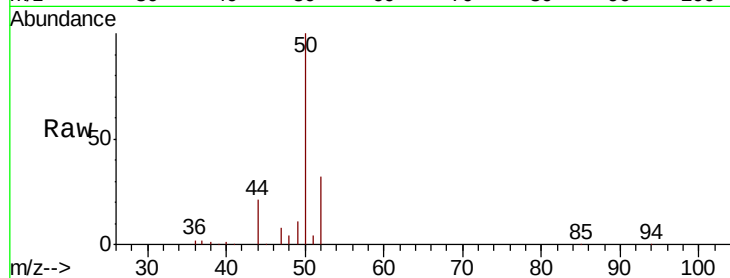
ClientSampleId :

Tot Ion: 50 Resp: 328755

Ion Ratio Lower Upper

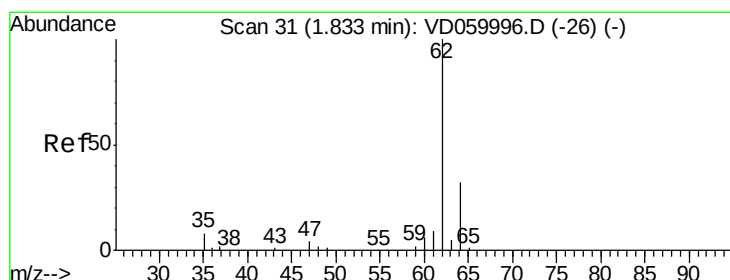
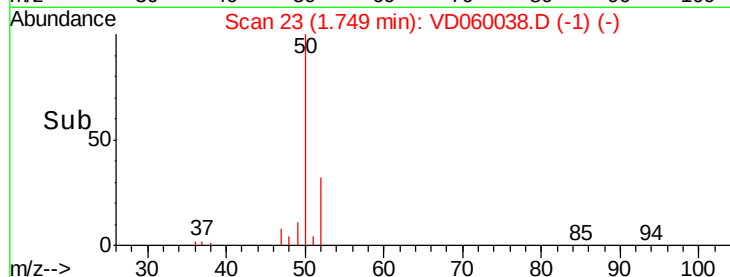
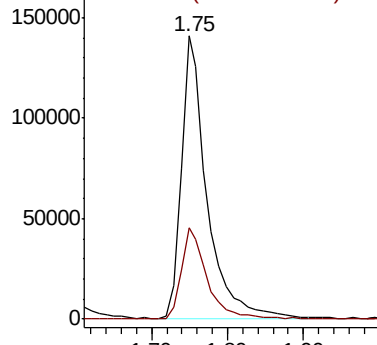
50 100

52 32.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.44 ug/l

RT: 1.85 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD060038.D

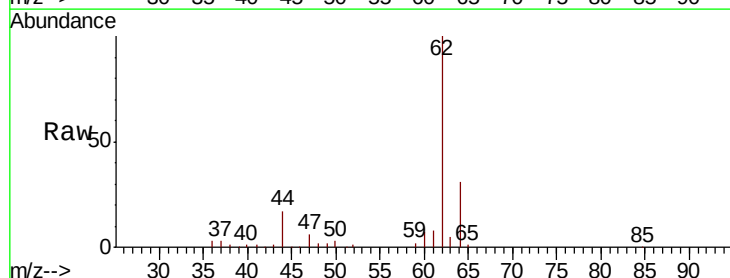
Acq: 19 Sep 2018 12:03

Tgt Ion: 62 Resp: 249116

Ion Ratio Lower Upper

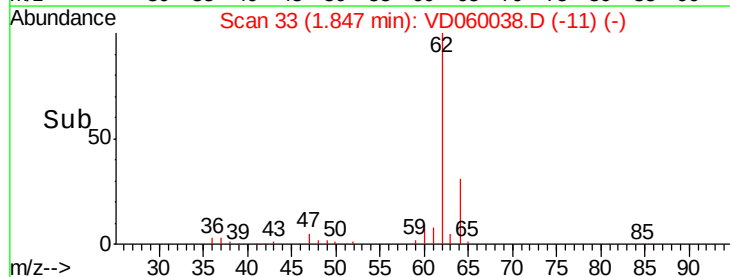
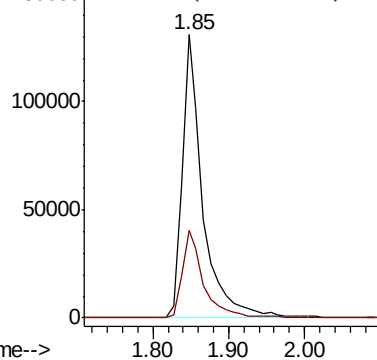
62 100

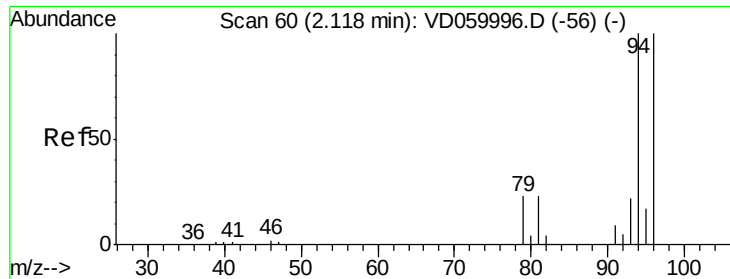
64 31.1 25.5 38.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

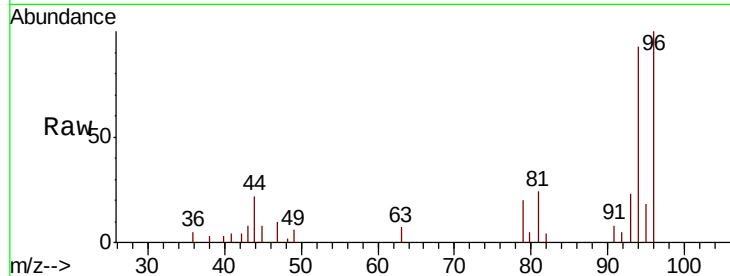




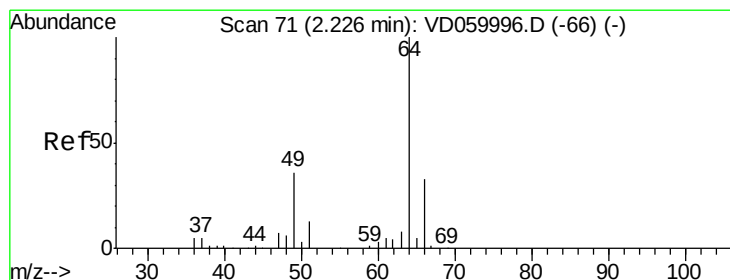
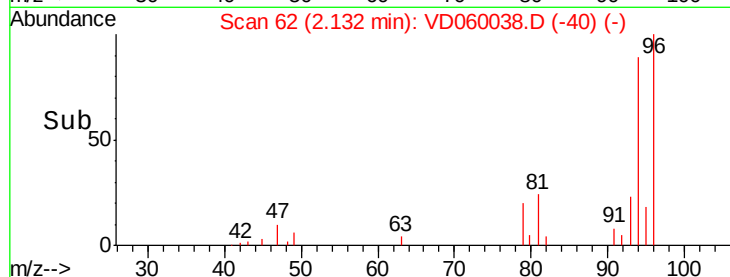
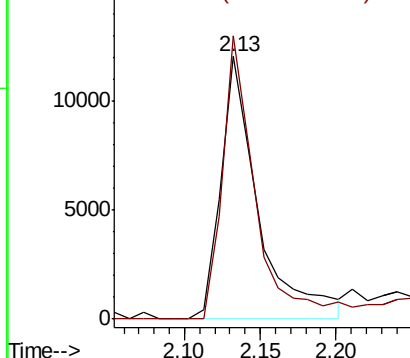
#5  
Bromomethane  
Concen: 14.44 ug/l  
RT: 2.13 min Scan# 62  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 94 Resp: 20828  
Ion Ratio Lower Upper  
94 100  
96 107.8 79.8 119.8

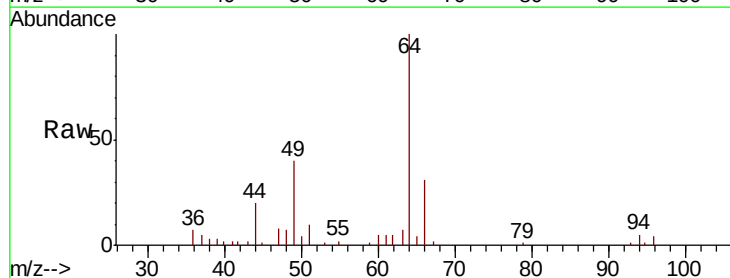


Abundance Ion 93.90 (93.60 to 94.60): VDC  
Ion 95.90 (95.60 to 96.60): VDC

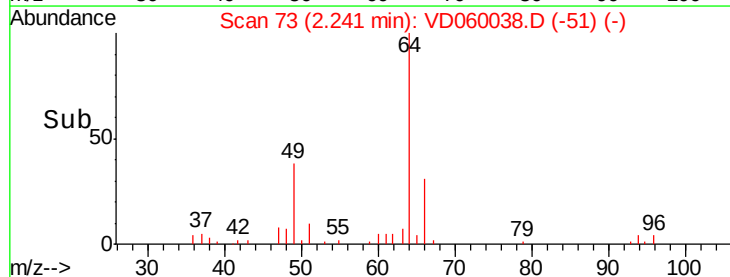
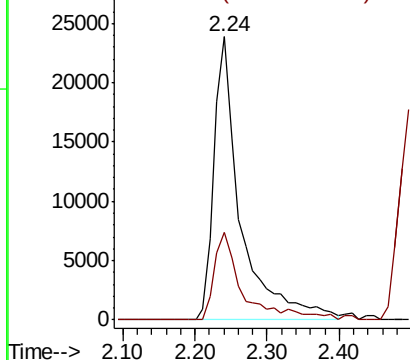


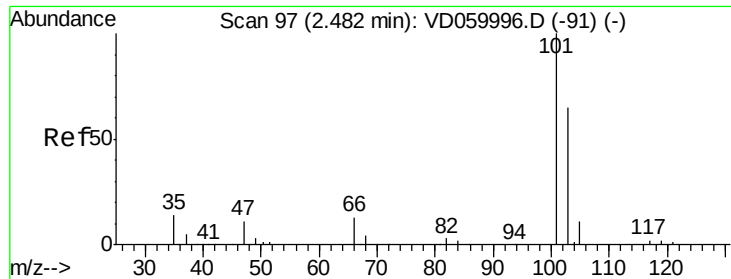
#6  
Chloroethane  
Concen: 22.25 ug/l  
RT: 2.24 min Scan# 73  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 64 Resp: 60606  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.5 39.7



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.76 ug/l

RT: 2.50 min Scan# 99

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

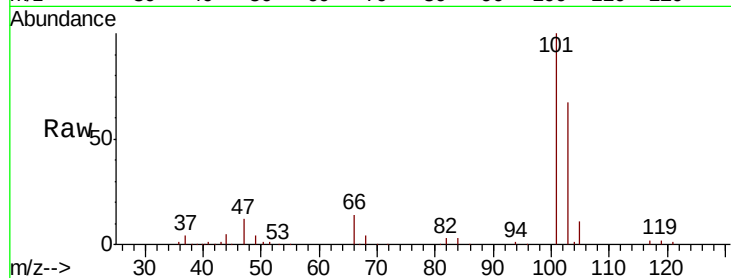
ClientSampleId :

Tot Ion:101 Resp: 291966

Ion Ratio Lower Upper

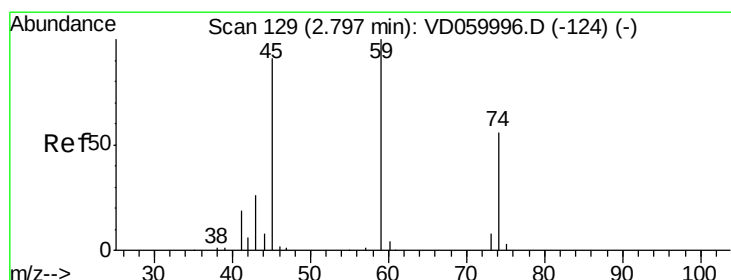
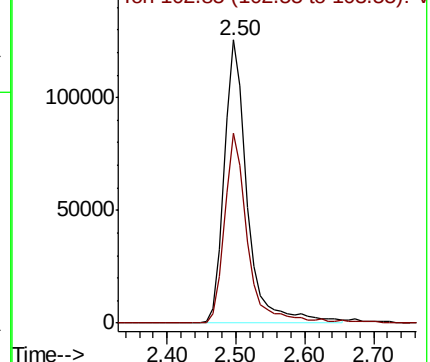
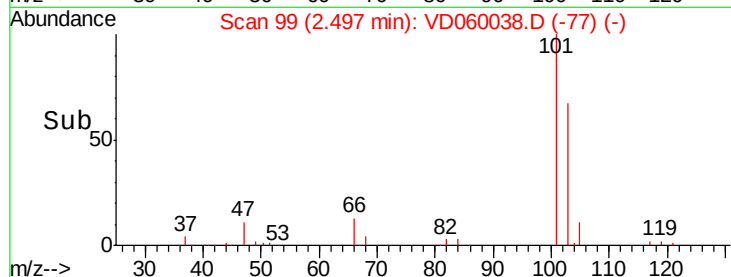
101 100

103 66.9 51.6 77.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 21.95 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060038.D

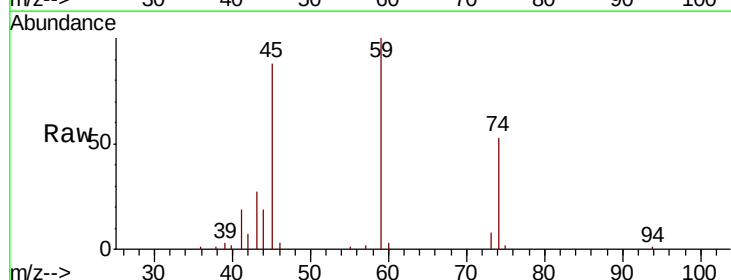
Acq: 19 Sep 2018 12:03

Tgt Ion: 74 Resp: 62592

Ion Ratio Lower Upper

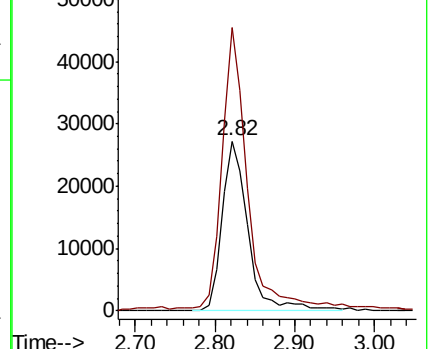
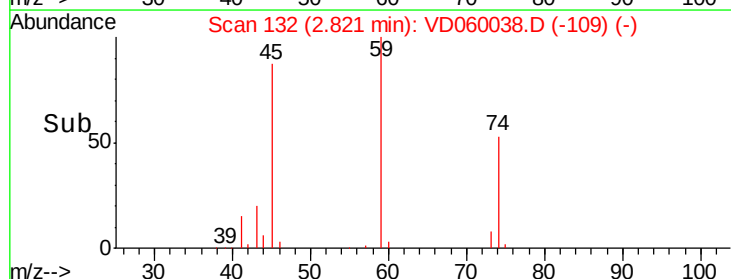
74 100

45 166.5 81.2 243.4

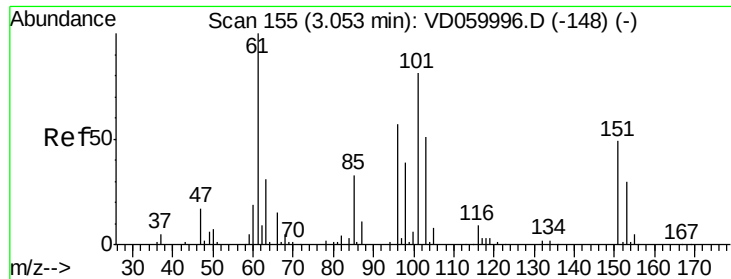


Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.05 (44.75 to 45.75): V







#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.48 ug/l

RT: 3.08 min Scan# 158

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

ClientSampled :

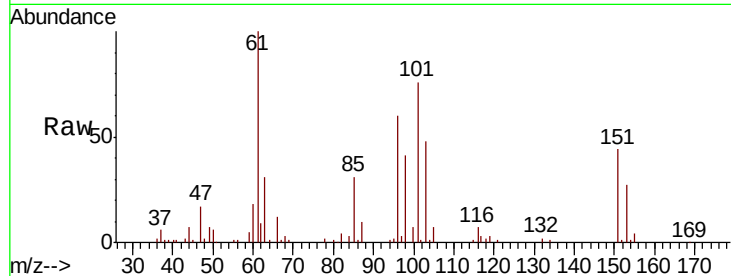
Tot Ion:101 Resp: 190196

Ion Ratio Lower Upper

101 100

85 40.7 33.1 49.7

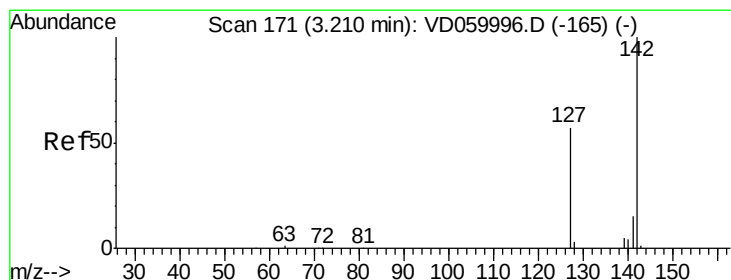
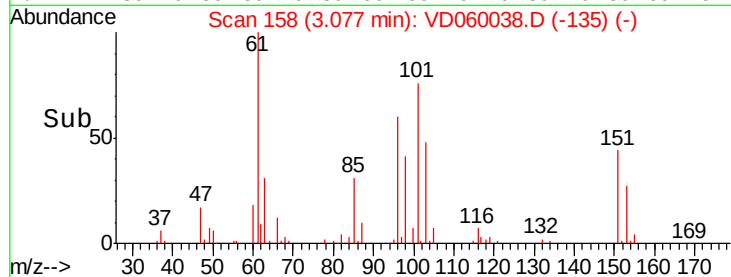
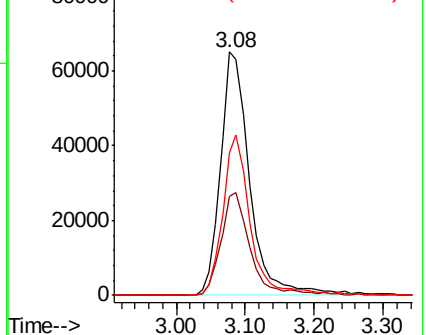
151 58.3 48.2 72.4



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: 20.09 ug/l

RT: 3.24 min Scan# 175

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

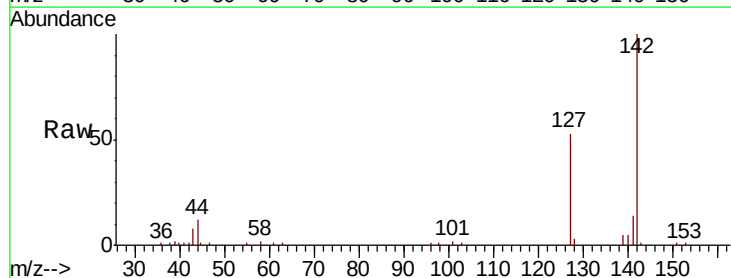
Tgt Ion:142 Resp: 180054

Ion Ratio Lower Upper

142 100

127 52.6 45.8 68.8

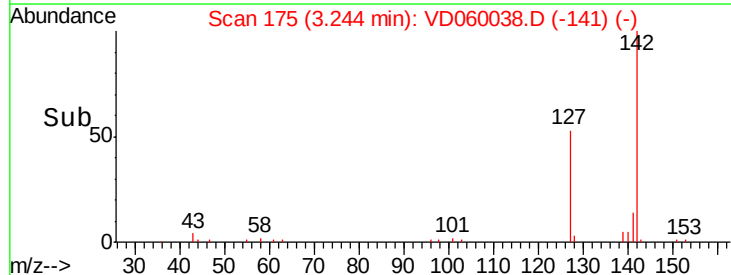
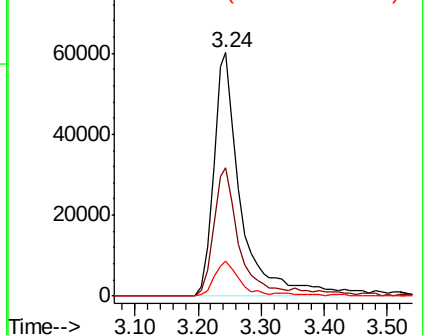
141 14.4 12.2 18.4

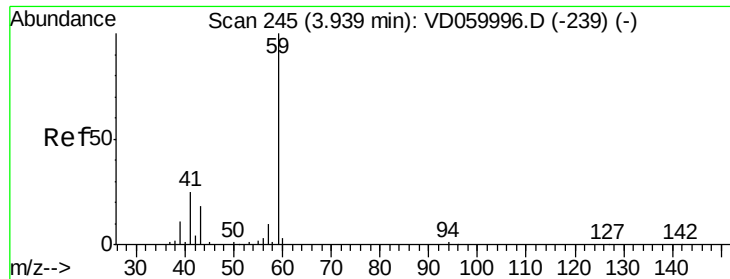


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

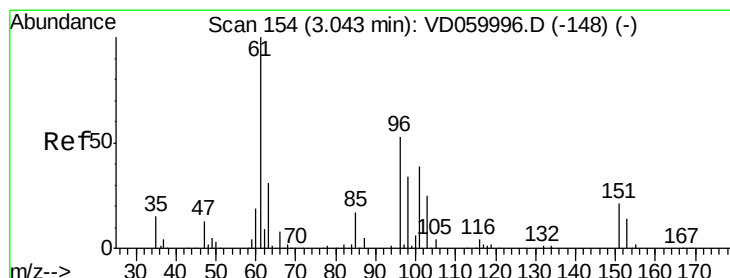
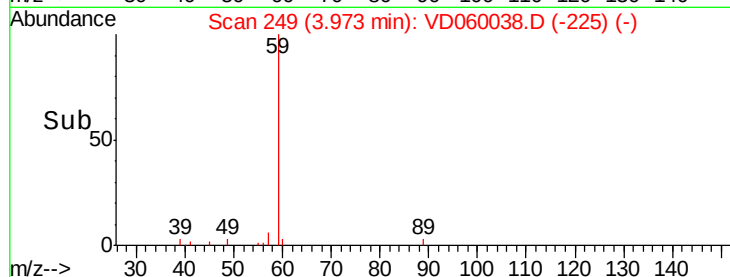
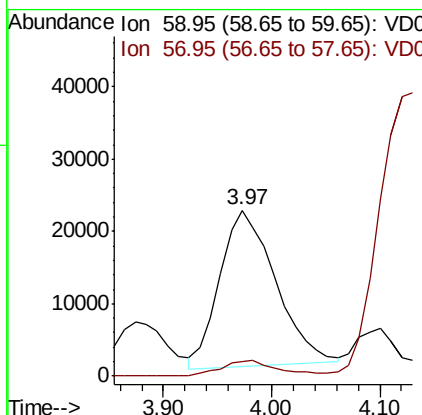
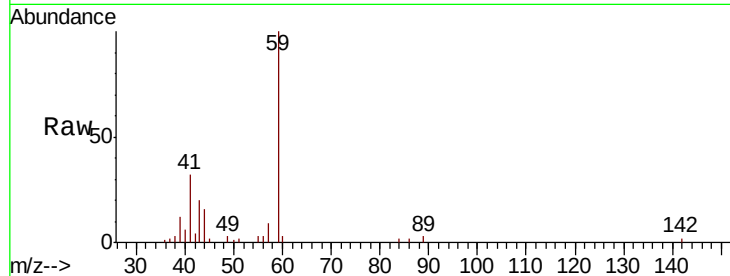




#11  
Tert butyl alcohol  
Concen: 75.78 ug/l  
RT: 3.97 min Scan# 249  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

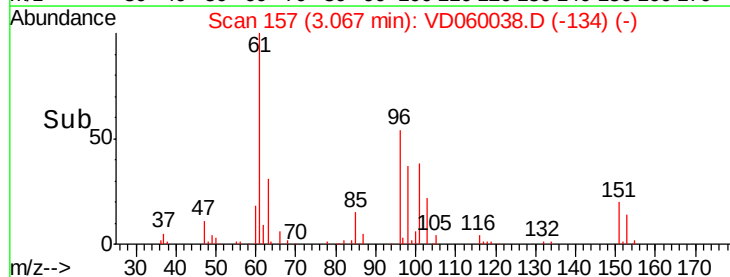
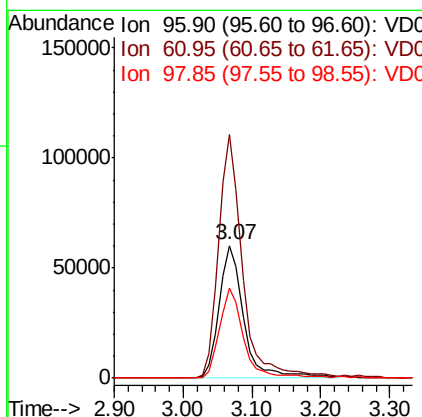
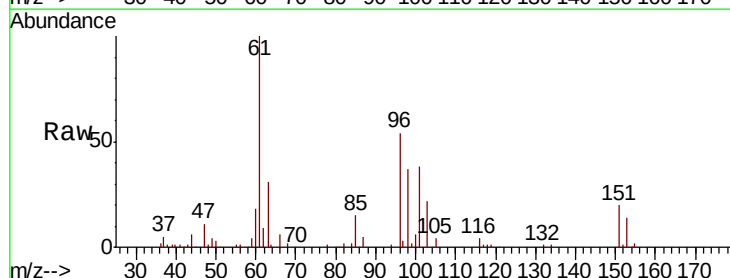
Instrument :  
MSVOA\_D  
ClientSampled :

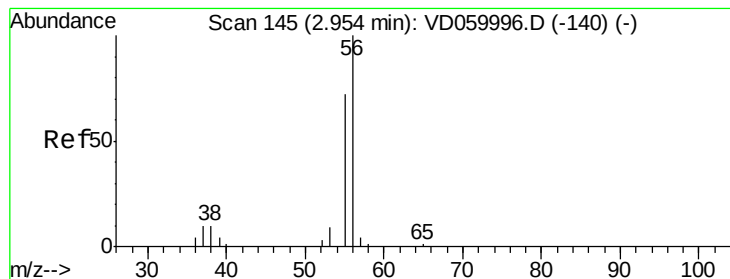
Tot Ion: 59 Resp: 77517  
Ion Ratio Lower Upper  
59 100  
57 8.8 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 22.31 ug/l  
RT: 3.07 min Scan# 157  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 96 Resp: 149243  
Ion Ratio Lower Upper  
96 100  
61 183.8 149.8 224.6  
98 67.7 50.2 75.4





#13

Acrolein

Concen: 86.31 ug/l

RT: 2.98 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

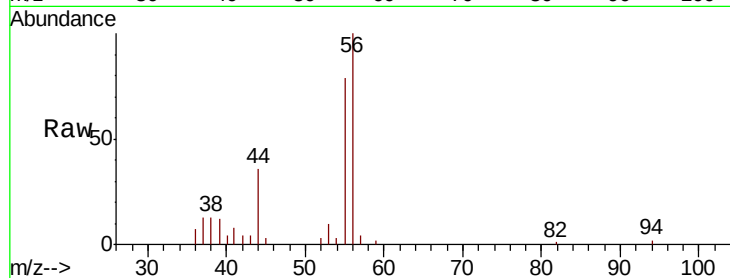
ClientSampleId :

Tot Ion: 56 Resp: 54677

Ion Ratio Lower Upper

56 100

55 78.5 58.3 87.5



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.98

25000

20000

15000

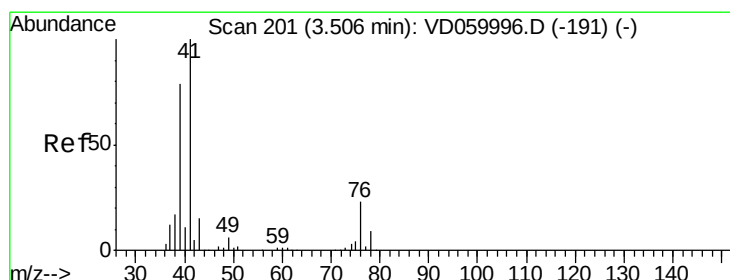
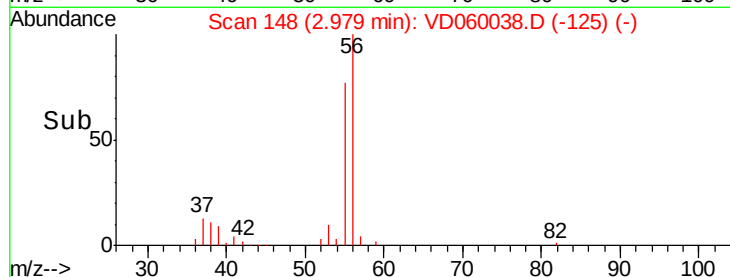
10000

5000

0

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 20.64 ug/l

RT: 3.53 min Scan# 204

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

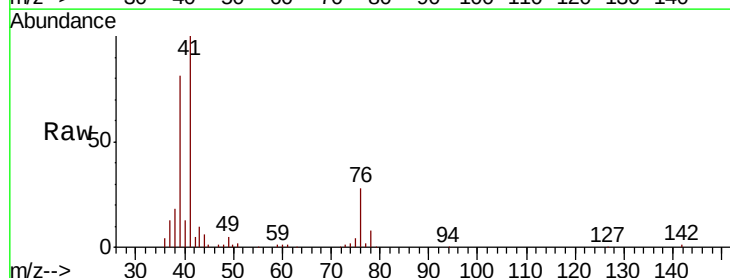
Tgt Ion: 41 Resp: 291218

Ion Ratio Lower Upper

41 100

39 80.7 63.6 95.4

76 27.6 21.1 31.7



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

3.53

150000

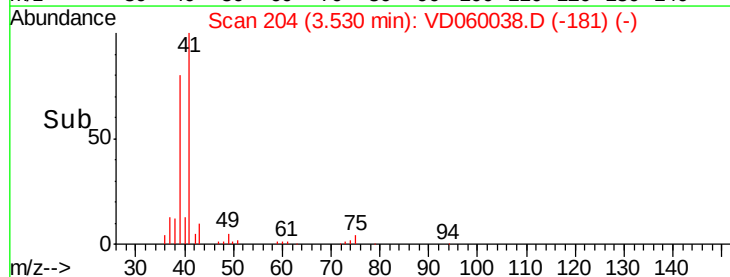
100000

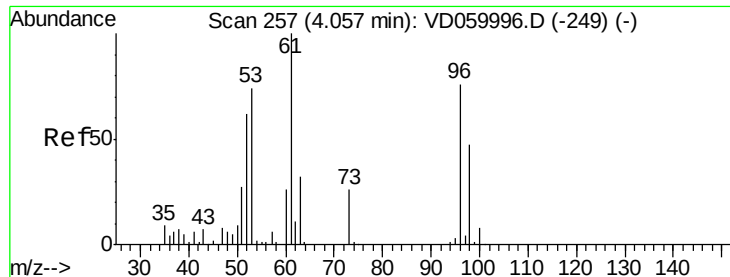
50000

0

Time-->

3.40 3.50 3.60





#15

Acrylonitrile

Concen: 93.90 ug/l

RT: 4.08 min Scan# 260

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :

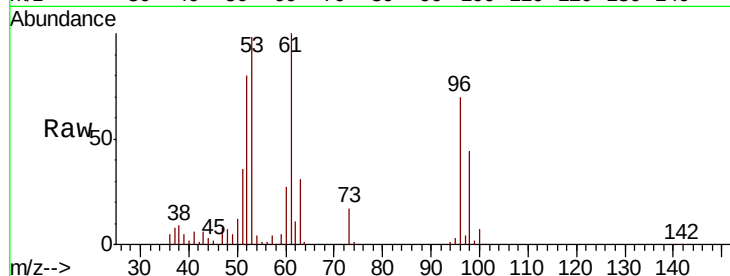
Tot Ion: 53 Resp: 362595

Ion Ratio Lower Upper

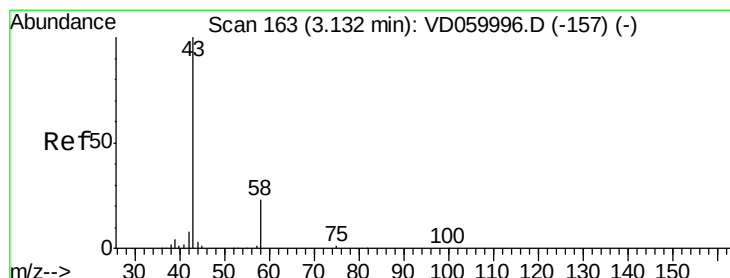
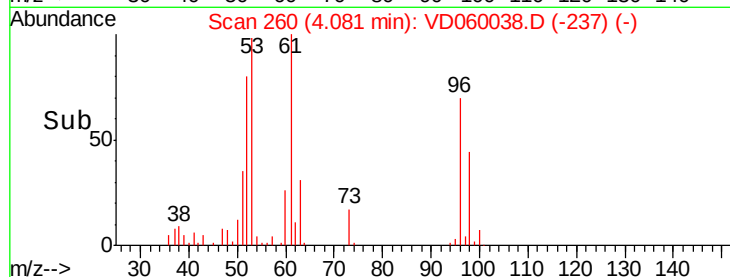
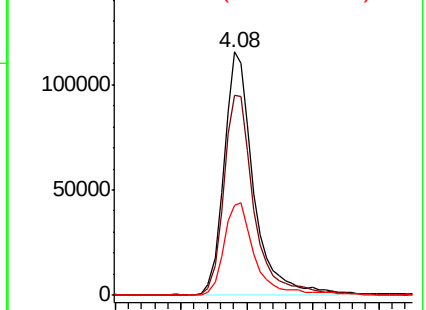
53 100

52 82.0 66.7 100.1

51 36.9 29.0 43.6



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: 115.80 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060038.D

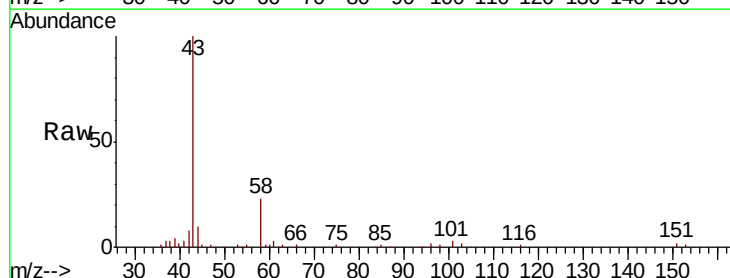
Acq: 19 Sep 2018 12:03

Tgt Ion: 43 Resp: 283443

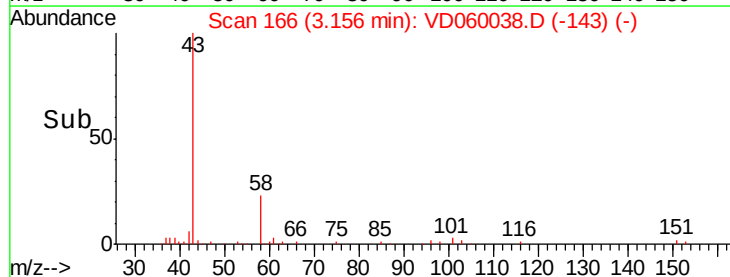
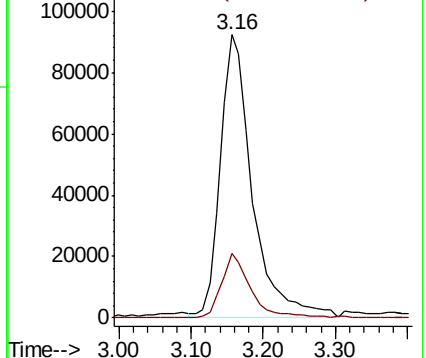
Ion Ratio Lower Upper

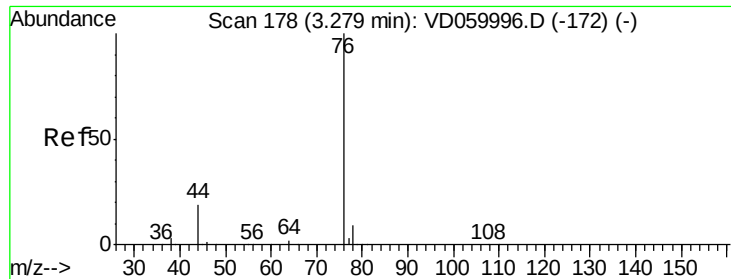
43 100

58 22.8 18.1 27.1



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

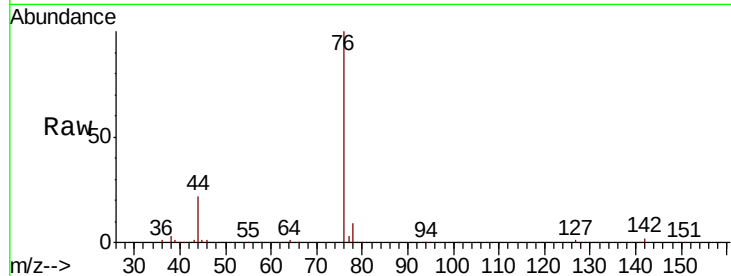




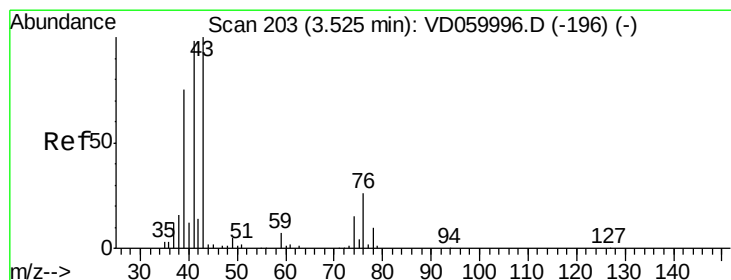
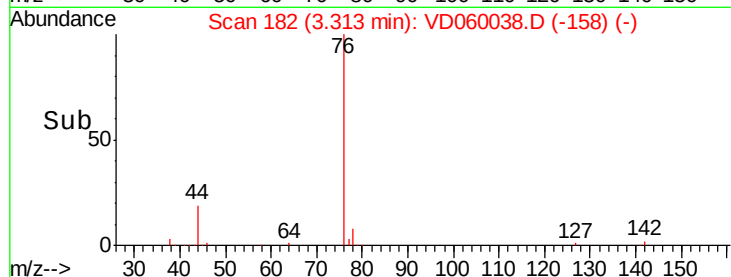
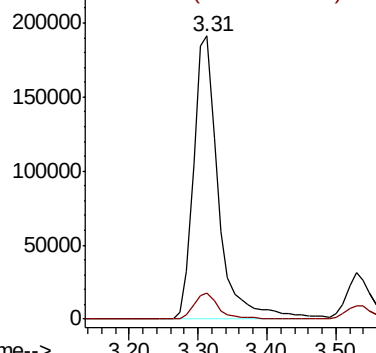
#17  
Carbon Disulfide  
Concen: 20.74 ug/l  
RT: 3.31 min Scan# 182  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 76 Resp: 477899  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.4

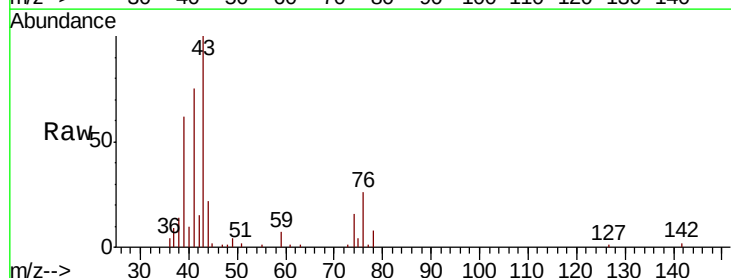


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

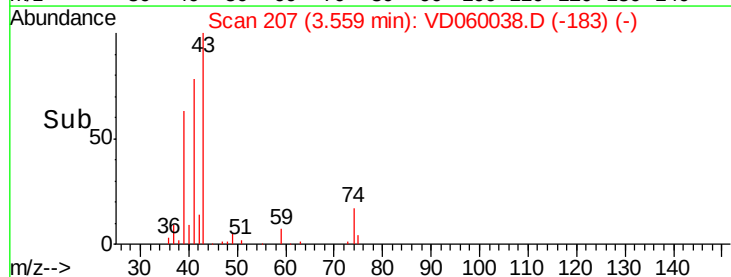
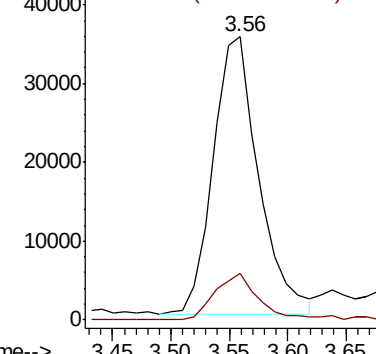


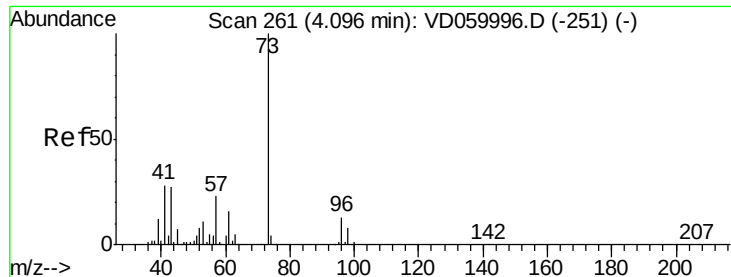
#18  
Methyl Acetate  
Concen: 19.09 ug/l  
RT: 3.56 min Scan# 207  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 43 Resp: 95037  
Ion Ratio Lower Upper  
43 100  
74 16.5 11.8 17.8



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC

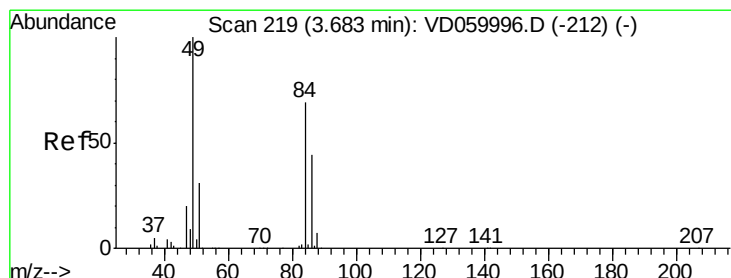
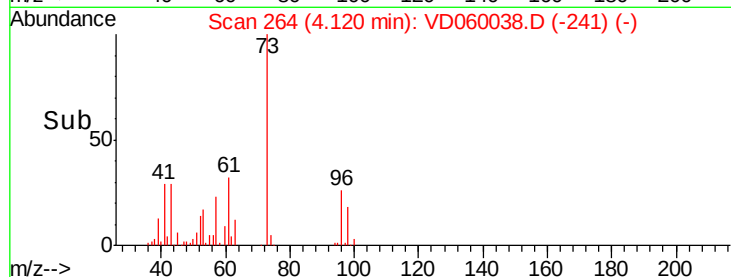
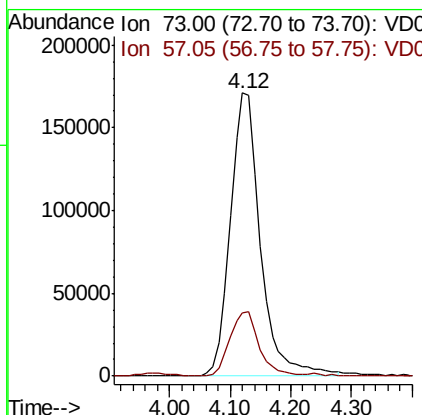
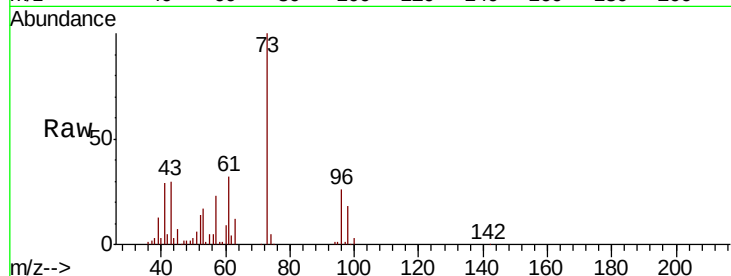




#19  
Methyl tert-butyl Ether  
Concen: 19.12 ug/l  
RT: 4.12 min Scan# 264  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

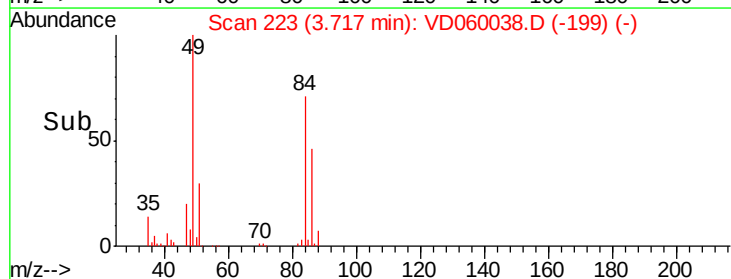
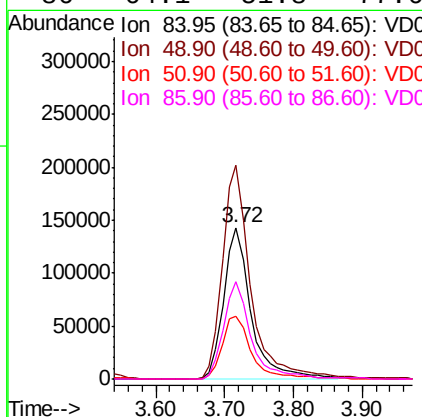
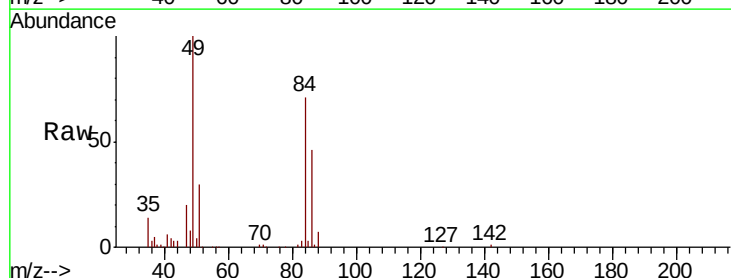
Instrument :  
MSVOA\_D  
ClientSampled :

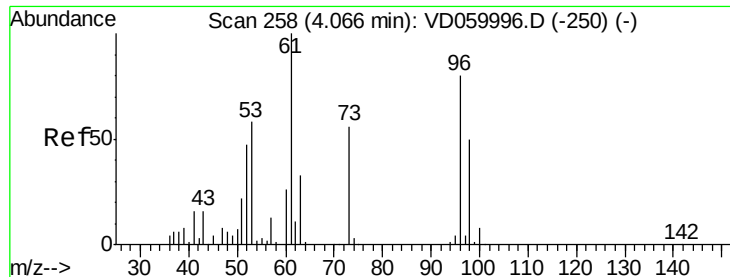
Tot Ion: 73 Resp: 590847  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.4 27.6



#20  
Methylene Chloride  
Concen: 18.12 ug/l  
RT: 3.72 min Scan# 223  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 84 Resp: 395682  
Ion Ratio Lower Upper  
84 100  
49 140.8 116.6 175.0  
51 41.6 35.9 53.9  
86 64.1 51.8 77.6

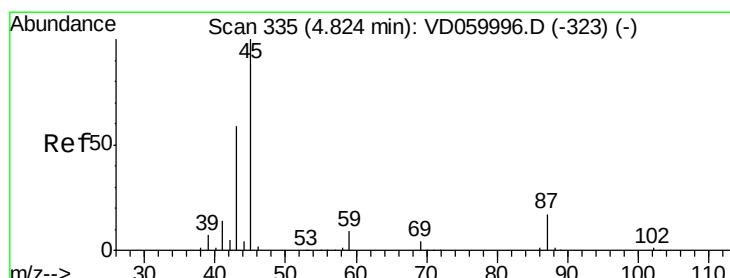
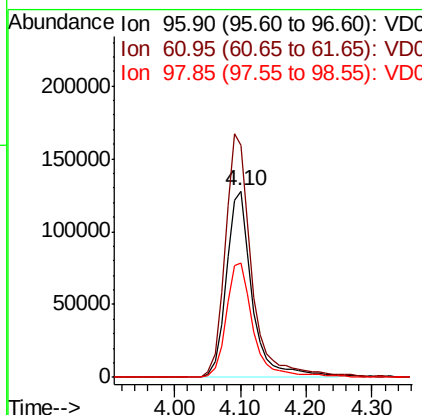
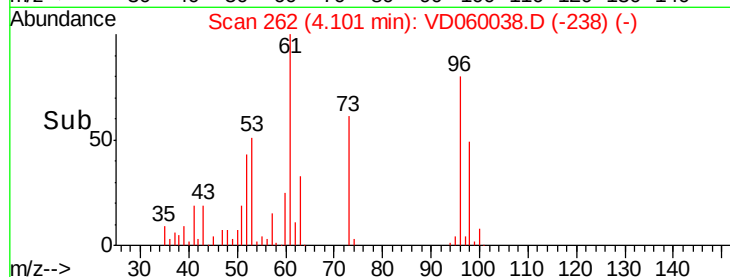
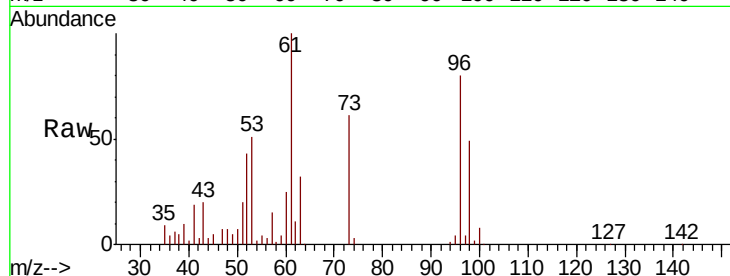




#21  
trans-1,2-Dichloroethene  
Concen: 19.95 ug/l  
RT: 4.10 min Scan# 262  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

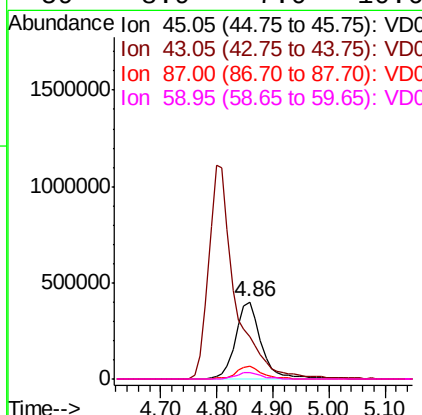
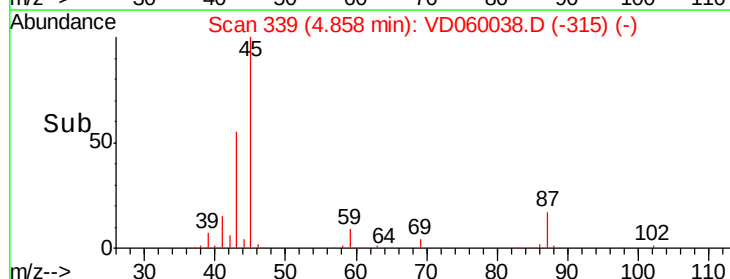
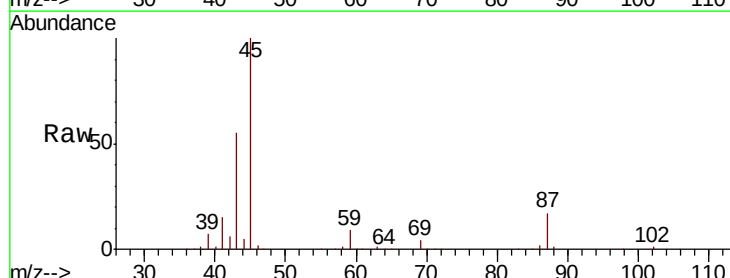
Instrument :  
MSVOA\_D  
ClientSampled :

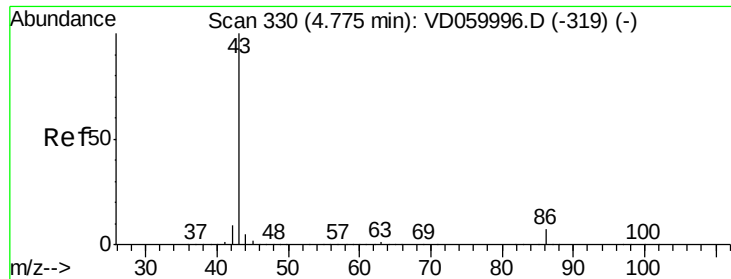
Tot Ion: 96 Resp: 350277  
Ion Ratio Lower Upper  
96 100  
61 124.9 100.1 150.1  
98 61.6 49.5 74.3



#22  
Diisopropyl ether  
Concen: 19.72 ug/l  
RT: 4.86 min Scan# 339  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 45 Resp: 1268787  
Ion Ratio Lower Upper  
45 100  
43 55.3 47.1 70.7  
87 16.8 14.2 21.2  
59 8.9 7.0 10.6

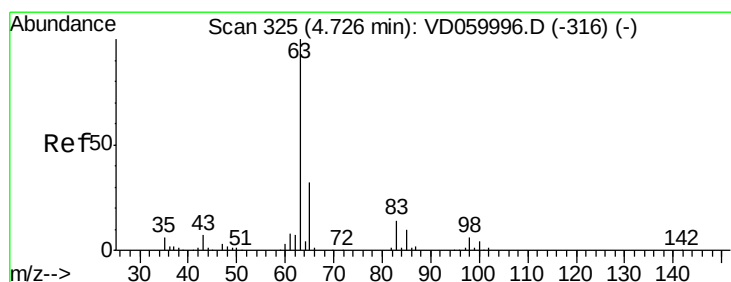
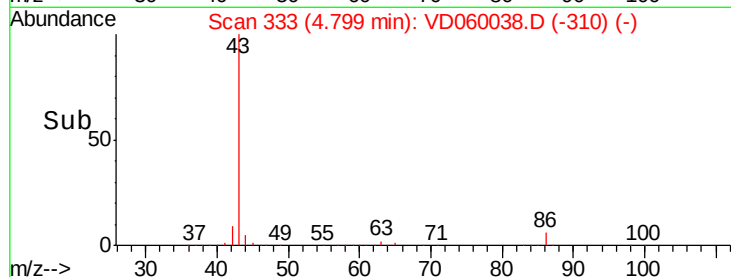
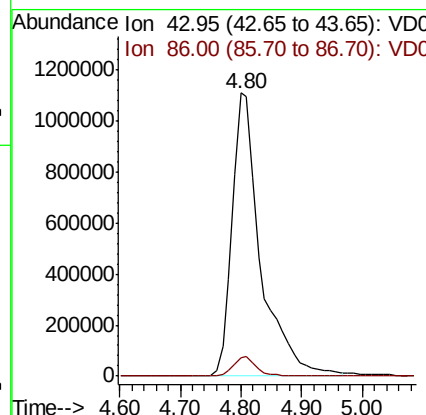
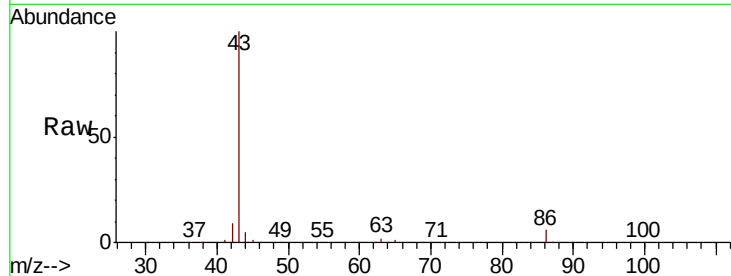




#23  
 Vinyl Acetate  
 Concen: 99.69 ug/l  
 RT: 4.80 min Scan# 333  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

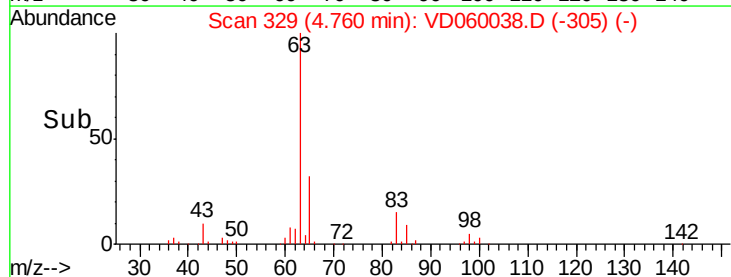
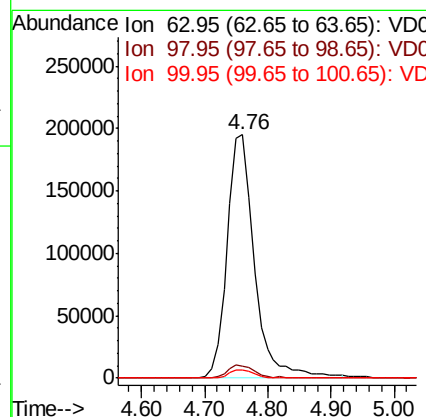
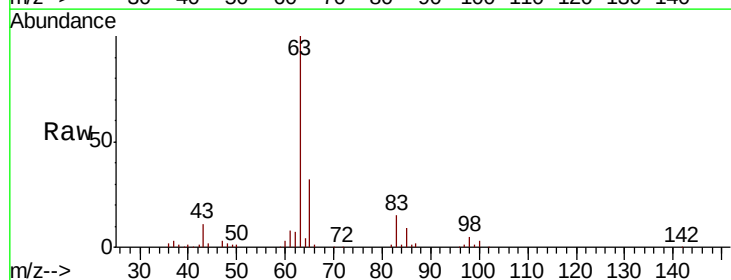
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 43 Resp: 3634312  
 Ion Ratio Lower Upper  
 43 100  
 86 6.3 5.5 8.3

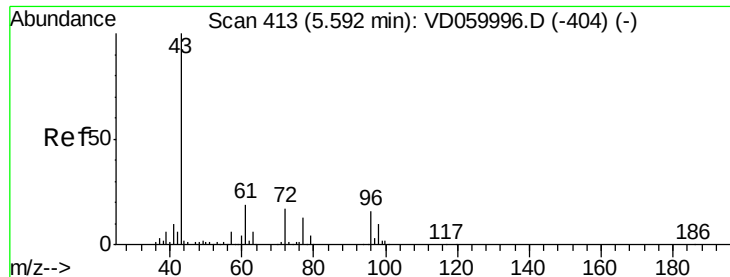


#24  
 1,1-Dichloroethane  
 Concen: 20.35 ug/l  
 RT: 4.76 min Scan# 329  
 Delta R.T. 0.03 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 63 Resp: 587564  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.9 8.6  
 100 3.4 1.8 5.4







#25

2-Butanone

Concen: 106.29 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

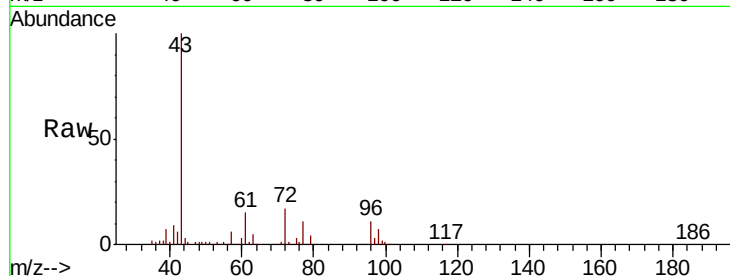
ClientSampleId :

Tot Ion: 43 Resp: 702040

Ion Ratio Lower Upper

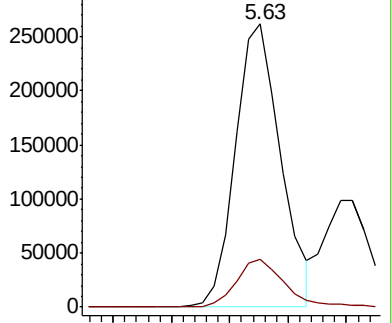
43 100

72 17.0 13.6 20.4

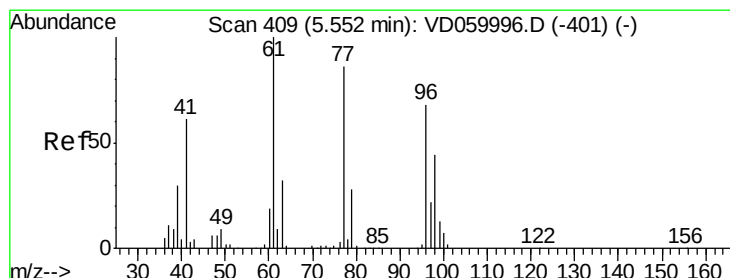
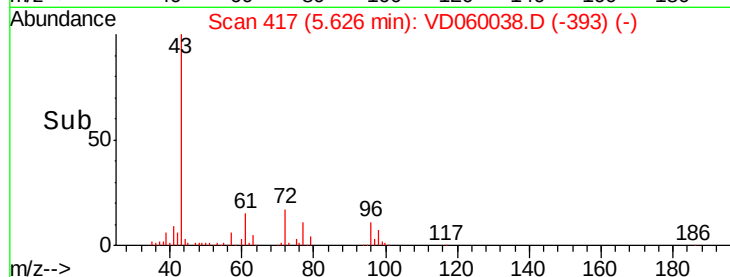


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 21.35 ug/l

RT: 5.59 min Scan# 413

Delta R.T. 0.03 min

Lab File: VD060038.D

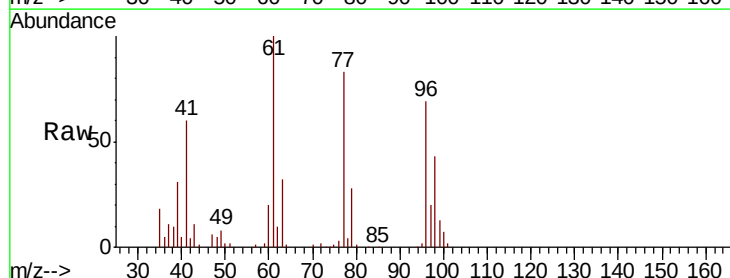
Acq: 19 Sep 2018 12:03

Tgt Ion: 77 Resp: 479299

Ion Ratio Lower Upper

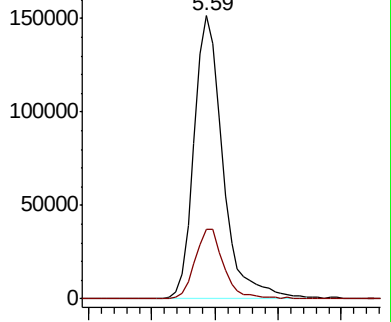
77 100

97 24.4 12.7 38.1

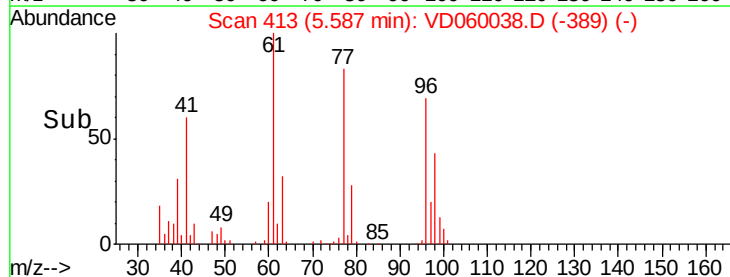


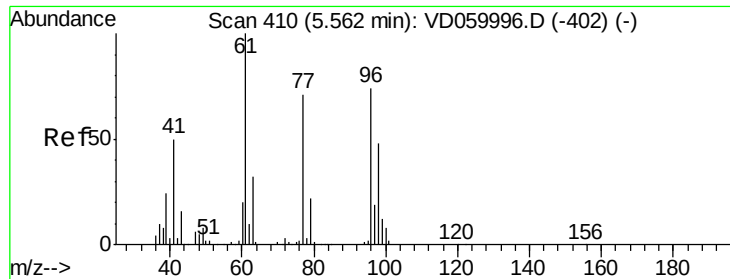
Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.31 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampled :

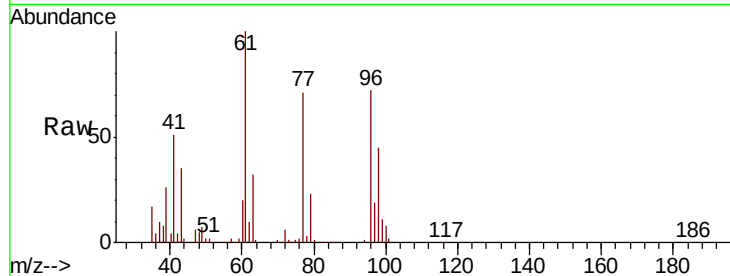
Tot Ion: 96 Resp: 373012

Ion Ratio Lower Upper

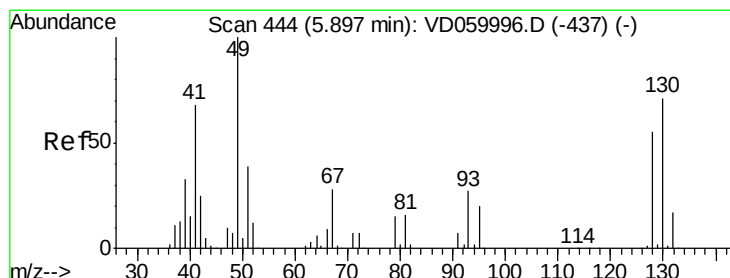
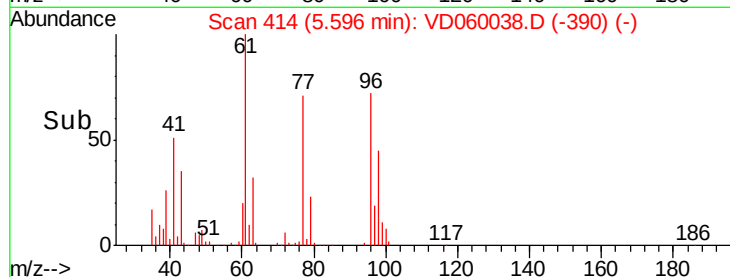
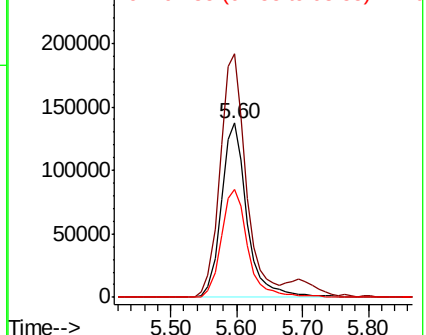
96 100

61 139.6 0.0 269.6

98 62.1 0.0 128.4



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: 20.34 ug/l

RT: 5.92 min Scan# 447

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

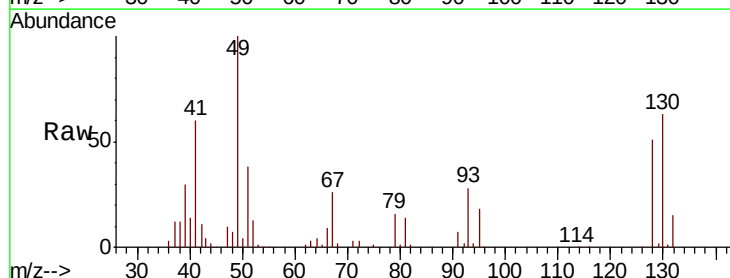
Tgt Ion: 49 Resp: 282399

Ion Ratio Lower Upper

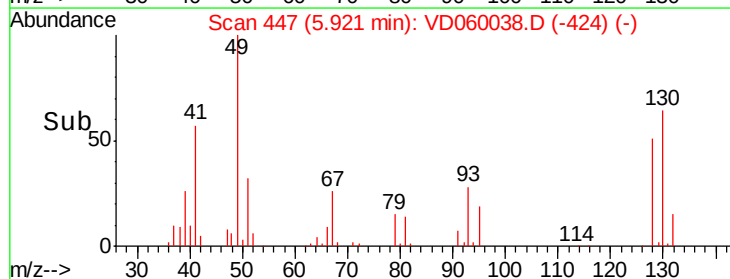
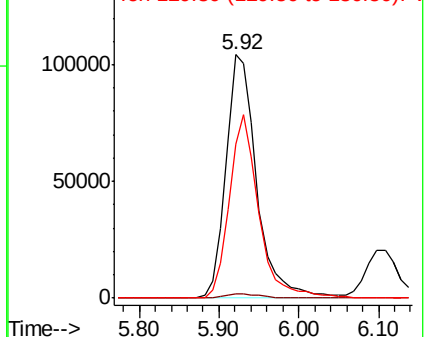
49 100

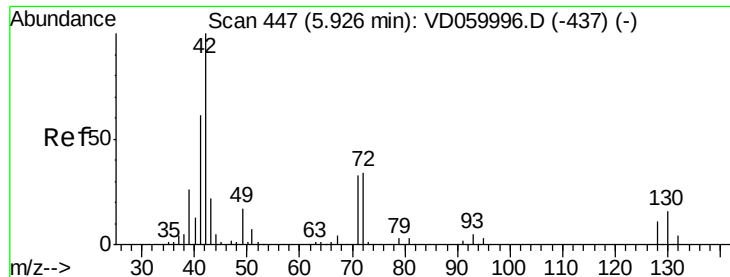
129 1.6 0.0 3.6

130 63.4 57.1 85.7



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

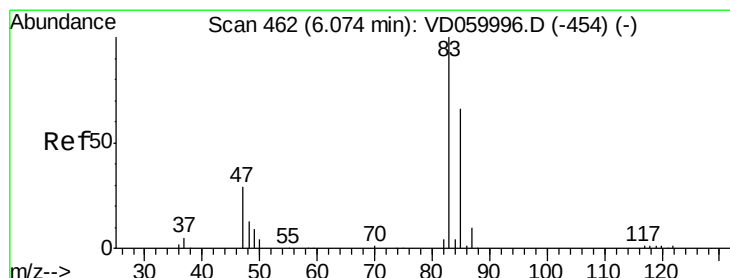
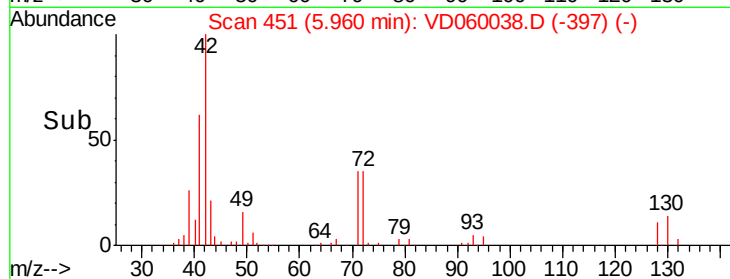
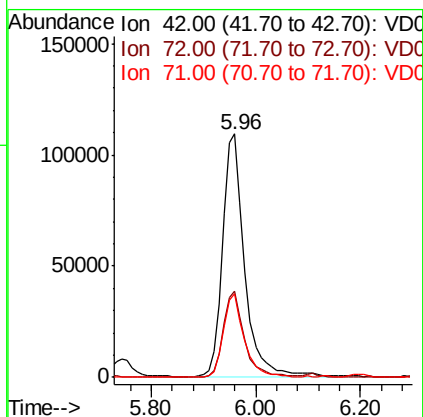
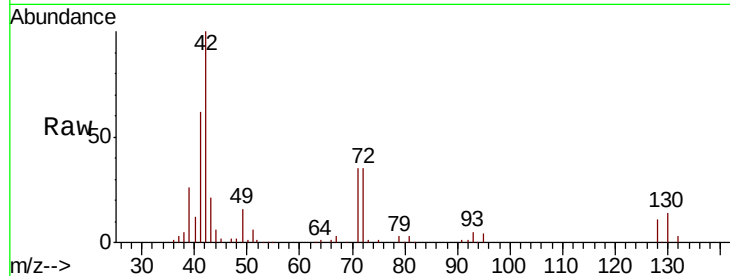




#29  
Tetrahydrofuran  
Concen: 91.09 ug/l  
RT: 5.96 min Scan# 451  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

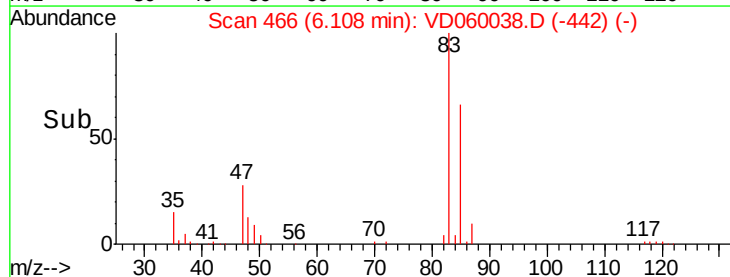
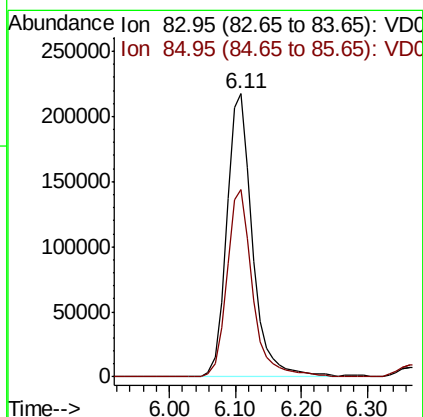
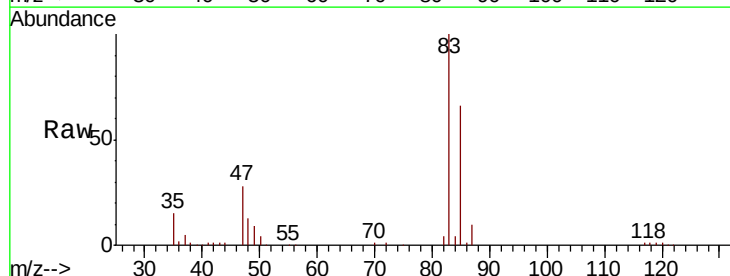
Instrument :  
MSVOA\_D  
ClientSampled :

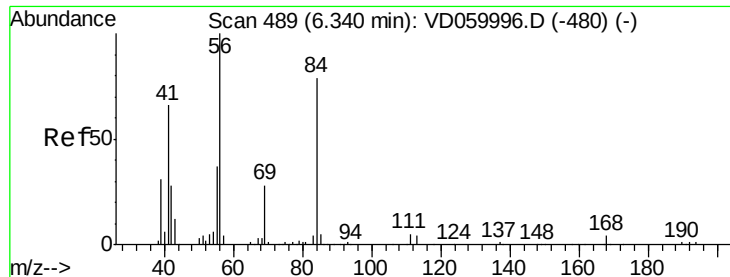
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 33.3  | 26.9  | 40.3  |
| 71      | 32.4  | 26.2  | 39.4  |



#30  
Chloroform  
Concen: 20.21 ug/l  
RT: 6.11 min Scan# 466  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.1  | 52.6  | 78.8  |

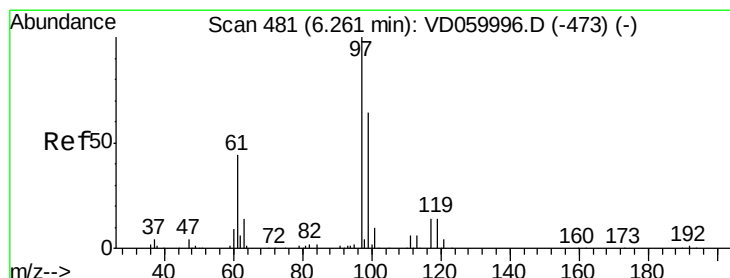
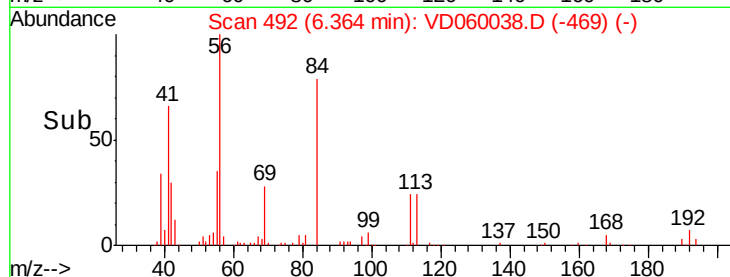
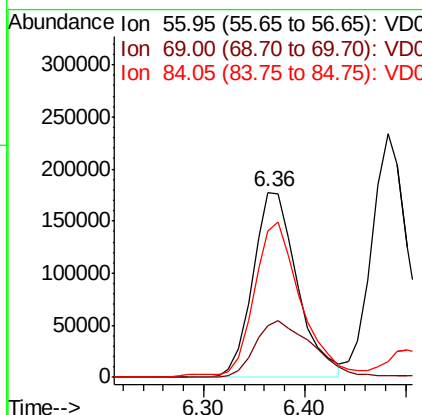
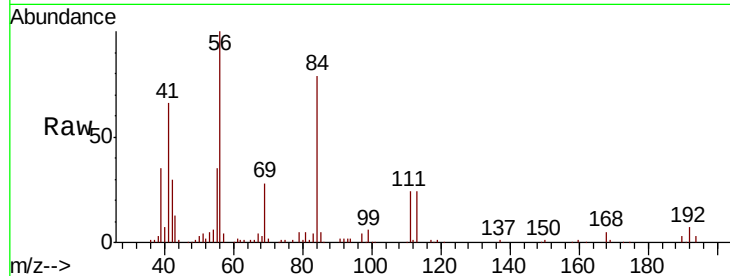




#31  
Cyclohexane  
Concen: 19.35 ug/l  
RT: 6.36 min Scan# 492  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

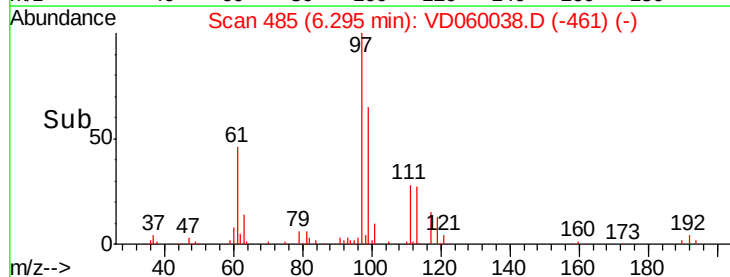
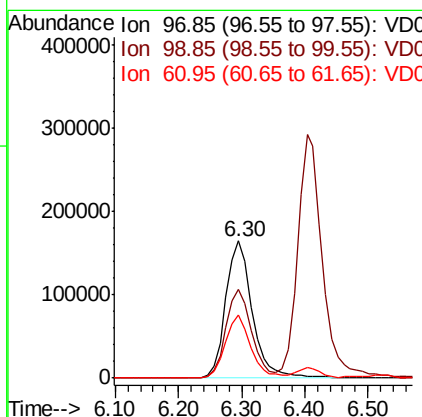
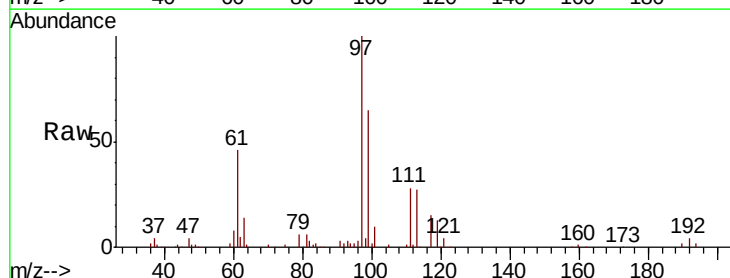
Instrument :  
MSVOA\_D  
ClientSampleId :

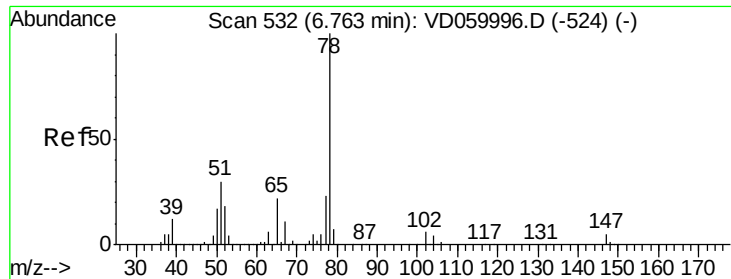
Tot Ion: 56 Resp: 544727  
Ion Ratio Lower Upper  
56 100  
69 28.0 22.7 34.1  
84 79.2 64.0 96.0



#32  
1,1,1-Trichloroethane  
Concen: 19.79 ug/l  
RT: 6.30 min Scan# 485  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 97 Resp: 480624  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.3 76.9  
61 45.8 35.5 53.3

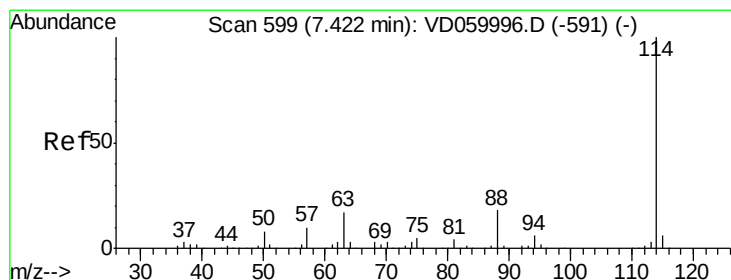
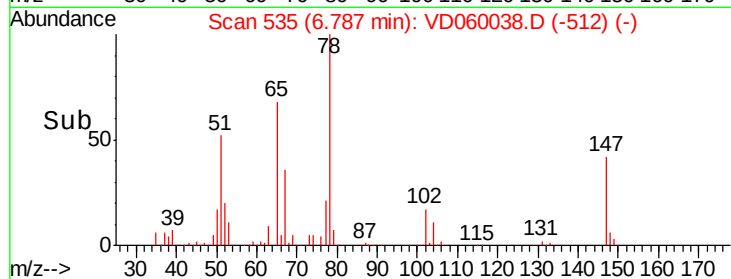
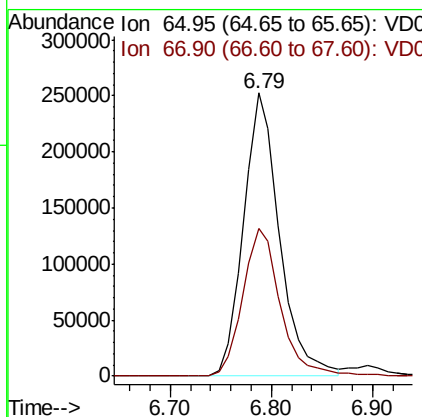
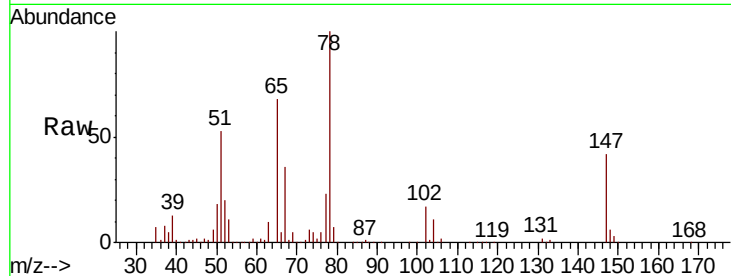




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.79 ug/l  
 RT: 6.79 min Scan# 535  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

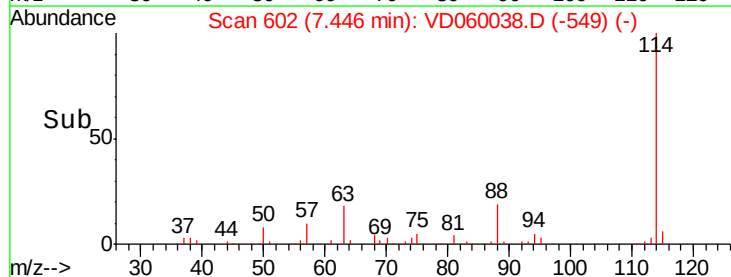
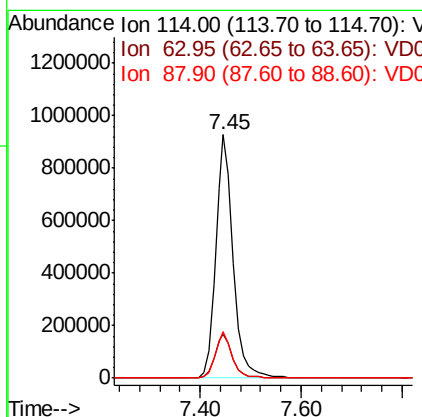
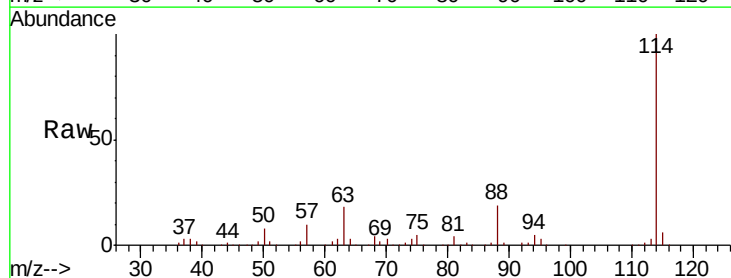
Instrument :  
 MSVOA\_D  
 ClientSampleID :

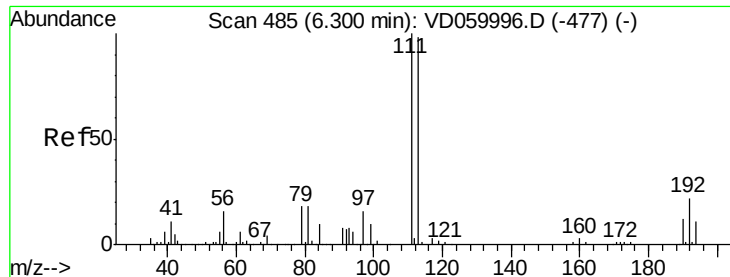
Tot Ion: 65 Resp: 626663  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.45 min Scan# 602  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 114 Resp: 2238875  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 34.4  
 88 18.9 0.0 35.8

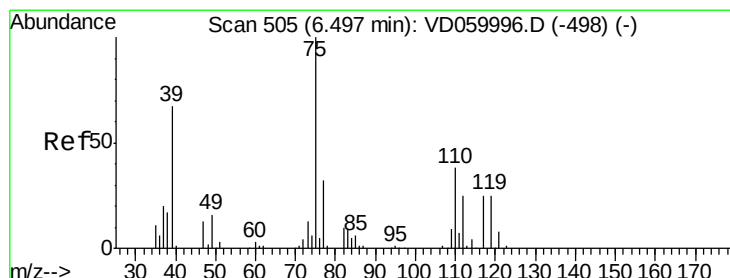
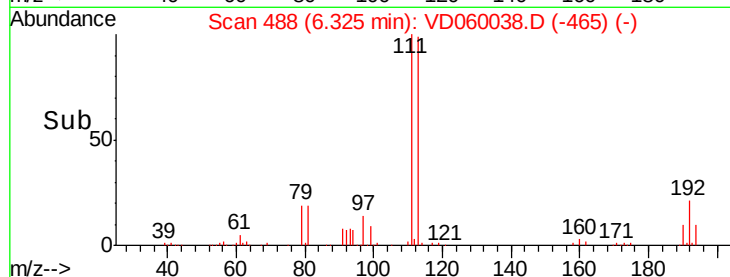
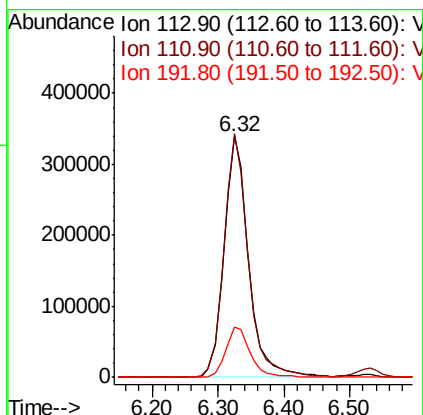
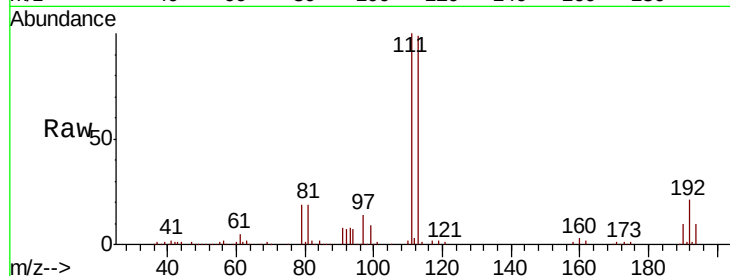




#35  
 Dibromofluoromethane  
 Concen: 50.00 ug/l  
 RT: 6.32 min Scan# 488  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

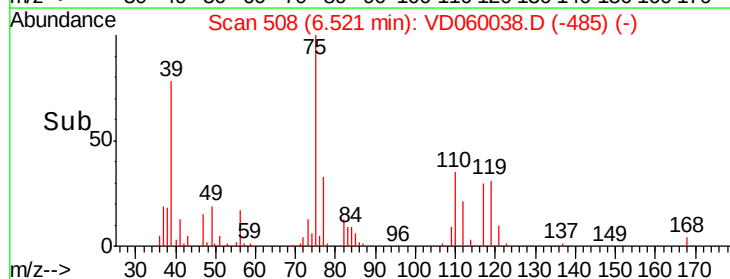
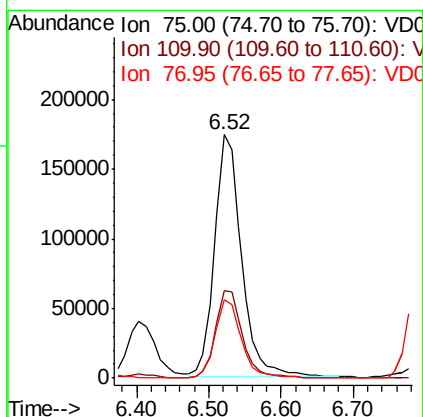
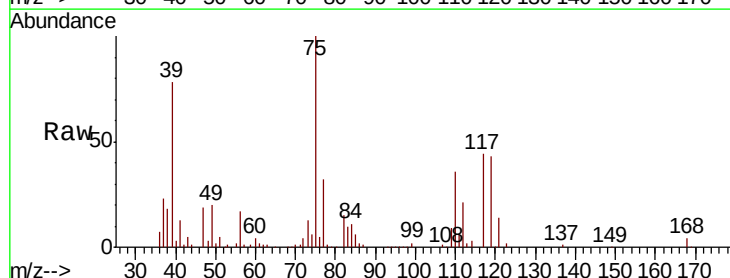
Instrument :  
 MSVOA\_D  
 ClientSampleID :

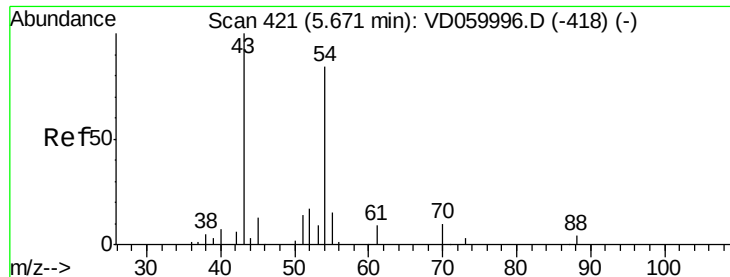
Tot Ion:113 Resp: 883266  
 Ion Ratio Lower Upper  
 113 100  
 111 101.1 81.3 121.9  
 192 20.8 18.1 27.1



#36  
 1,1-Dichloropropene  
 Concen: 20.11 ug/l  
 RT: 6.52 min Scan# 508  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 75 Resp: 447158  
 Ion Ratio Lower Upper  
 75 100  
 110 35.7 18.9 56.9  
 77 32.5 25.3 37.9

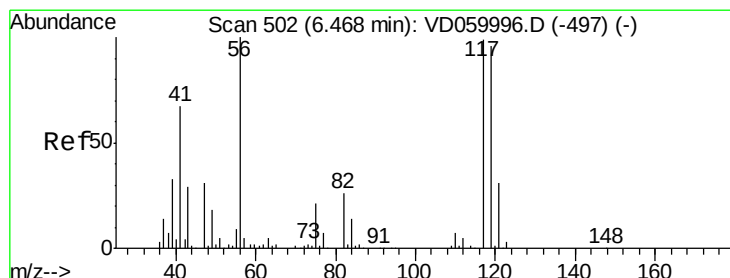
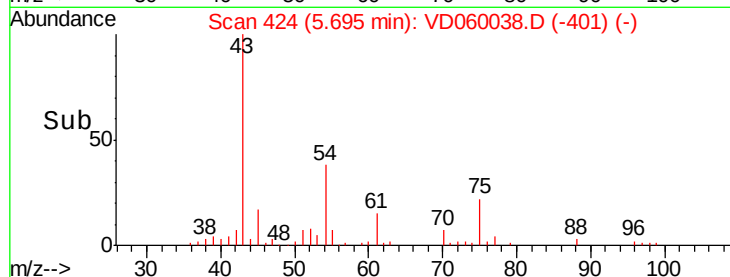
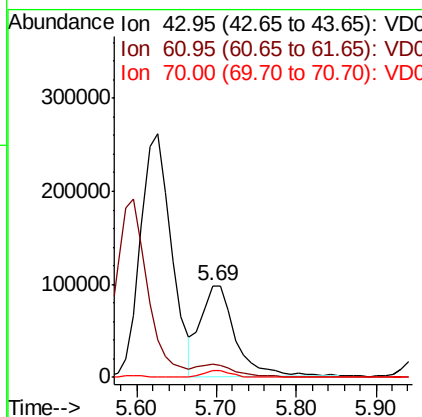
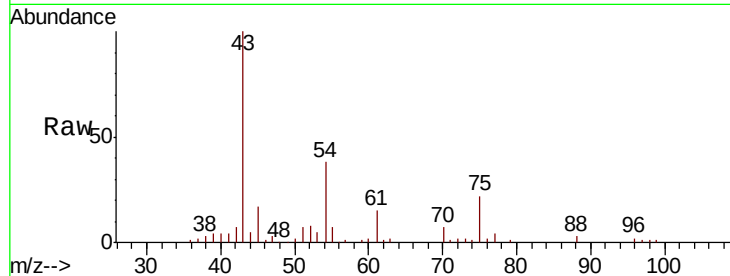




#37  
Ethyl Acetate  
Concen: 19.23 ug/l  
RT: 5.69 min Scan# 424  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

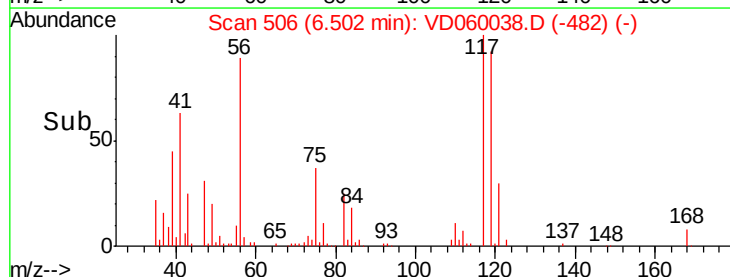
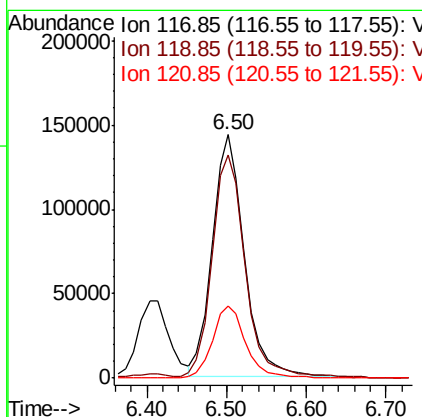
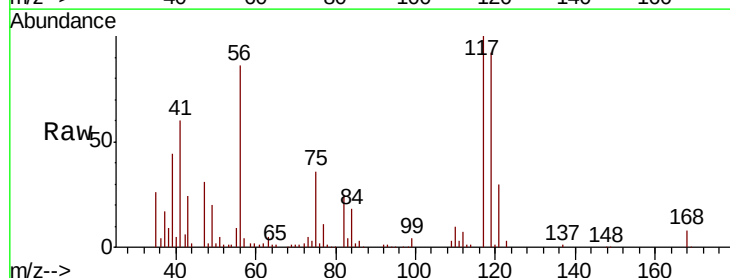
Instrument :  
MSVOA\_D  
ClientSampleId :

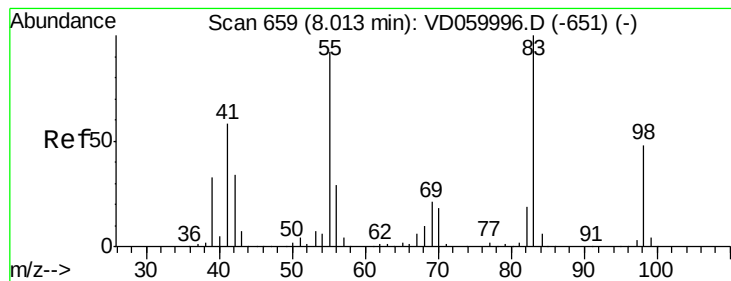
Tot Ion: 43 Resp: 294023  
Ion Ratio Lower Upper  
43 100  
61 14.8 10.2 15.2  
70 7.4 6.1 9.1



#38  
Carbon Tetrachloride  
Concen: 19.37 ug/l  
RT: 6.50 min Scan# 506  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 117 Resp: 402220  
Ion Ratio Lower Upper  
117 100  
119 91.7 76.7 115.1  
121 29.6 24.9 37.3

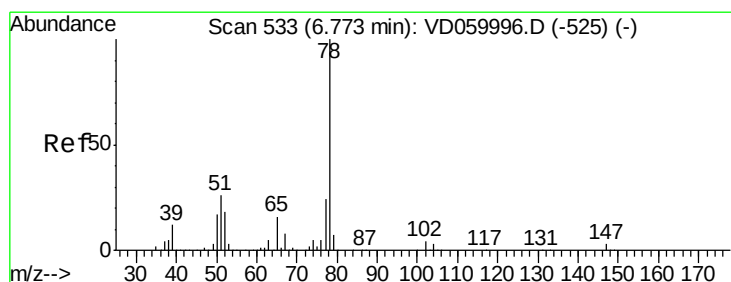
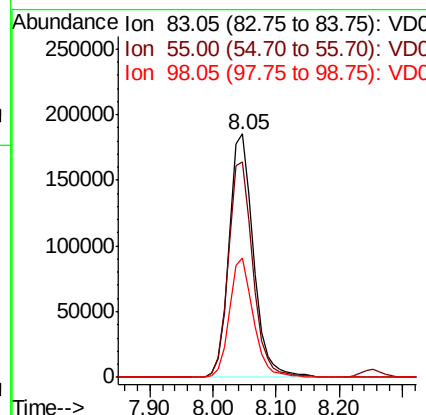
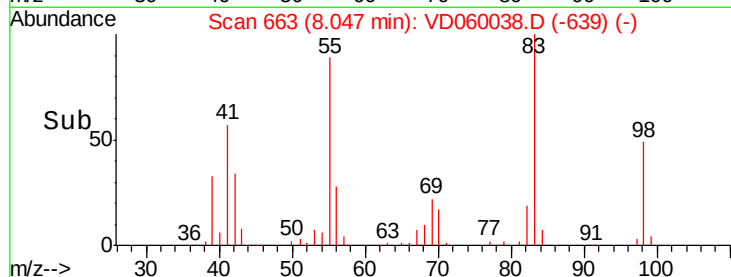
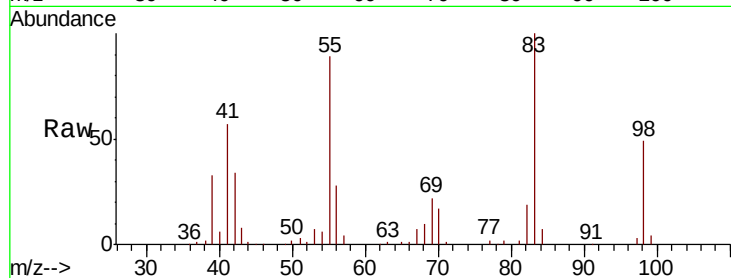




#39  
Methylvlcyclohexane  
Concen: 19.67 ug/l  
RT: 8.05 min Scan# 663  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

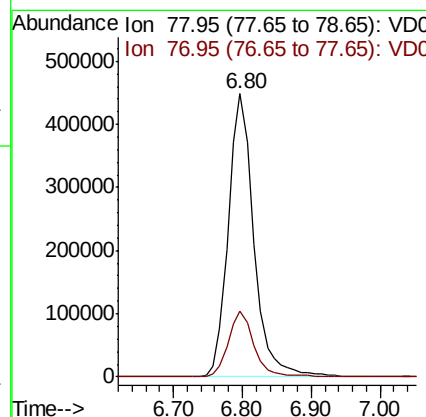
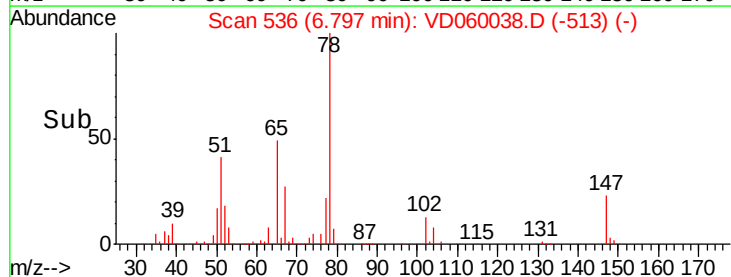
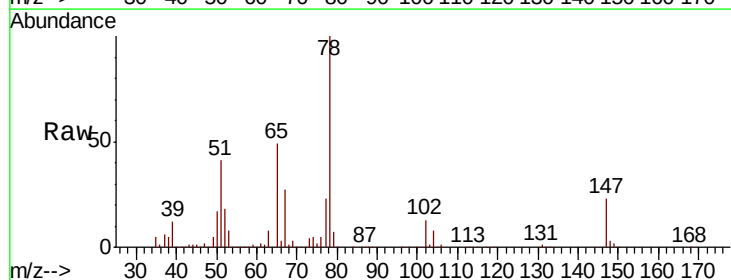
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 83 Resp: 494892  
Ion Ratio Lower Upper  
83 100  
55 88.5 73.8 110.6  
98 48.9 38.1 57.1

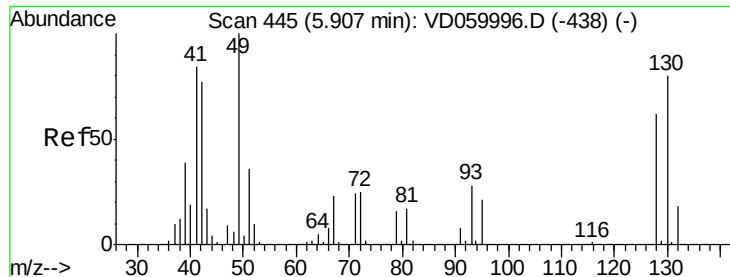


#40  
Benzene  
Concen: 20.28 ug/l  
RT: 6.80 min Scan# 536  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 78 Resp: 1149744  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.4



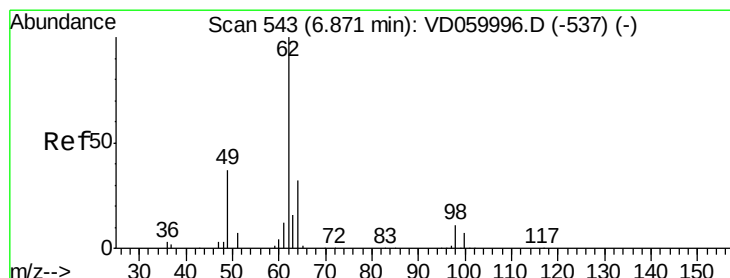
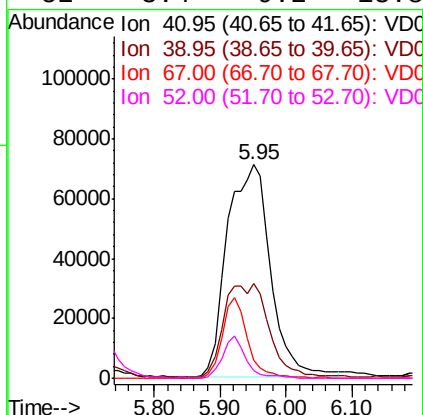
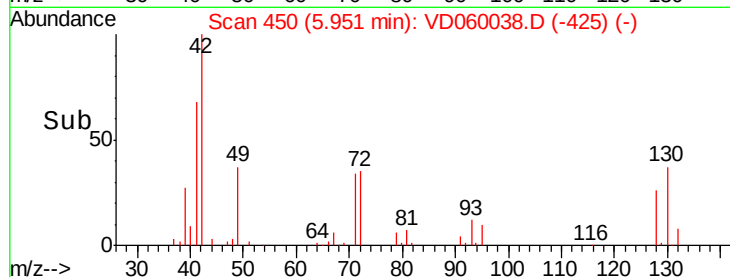
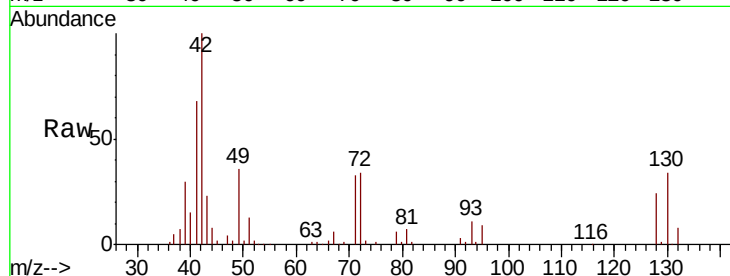




#41  
Methacrylonitrile  
Concen: 40.79 ug/l  
RT: 5.95 min Scan# 450  
Delta R.T. 0.04 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

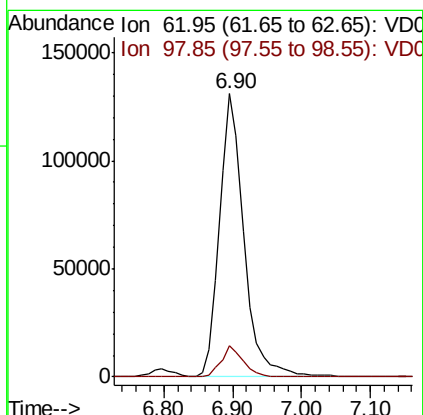
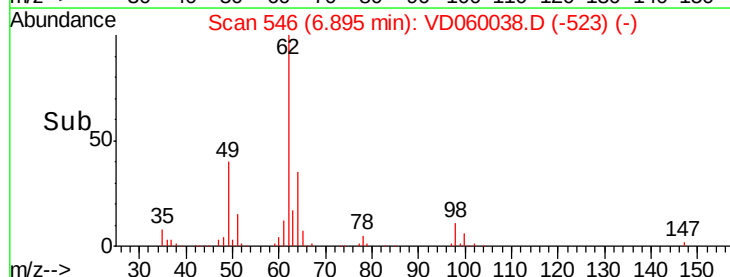
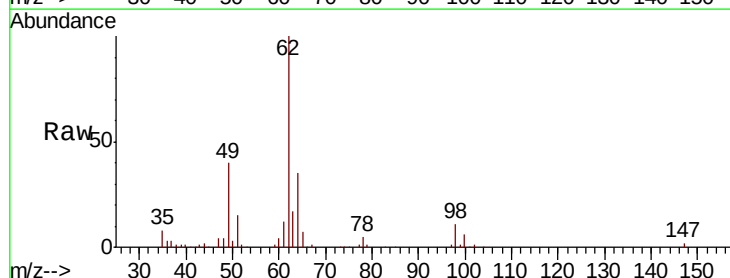
Instrument :  
MSVOA\_D  
ClientSampleId :

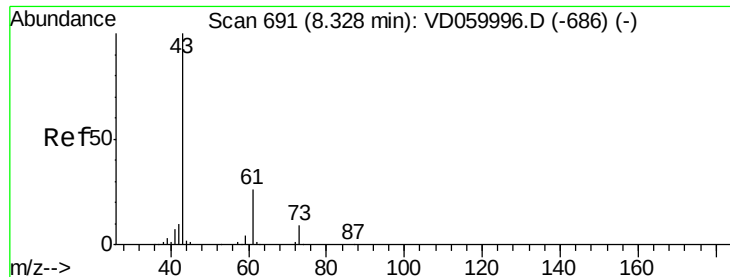
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 44.2  | 37.5  | 56.3  |
| 67      | 8.6   | 21.5  | 32.3# |
| 52      | 3.4   | 9.2   | 13.8# |



#42  
1,2-Dichloroethane  
Concen: 18.75 ug/l  
RT: 6.90 min Scan# 546  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 11.1  | 0.0   | 21.4  |





#43

Isopropyl Acetate

Concen: 17.95 ug/l

RT: 8.35 min Scan# 694

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

ClientSampleId :

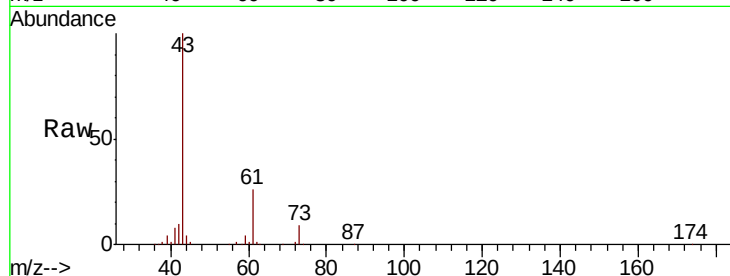
Tot Ion: 43 Resp: 367614

Ion Ratio Lower Upper

43 100

61 25.7 21.0 31.6

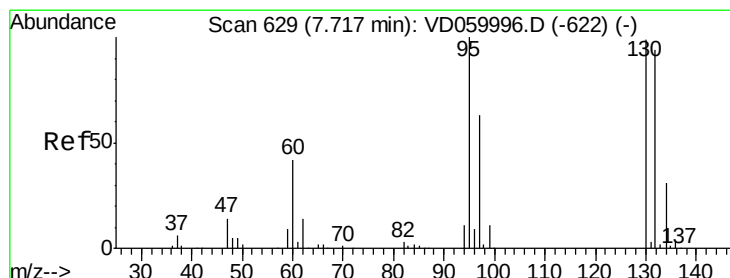
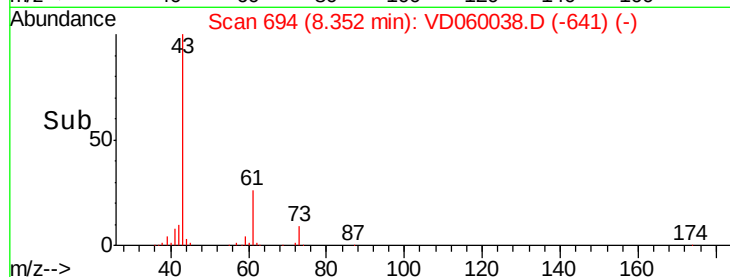
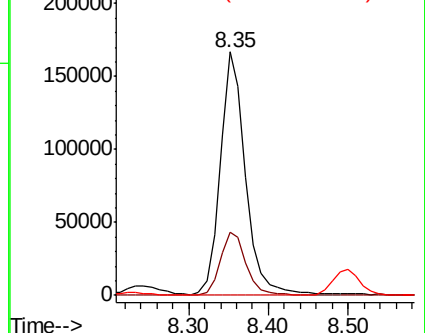
87 0.4 0.2 0.2#



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: 20.11 ug/l

RT: 7.74 min Scan# 632

Delta R.T. 0.02 min

Lab File: VD060038.D

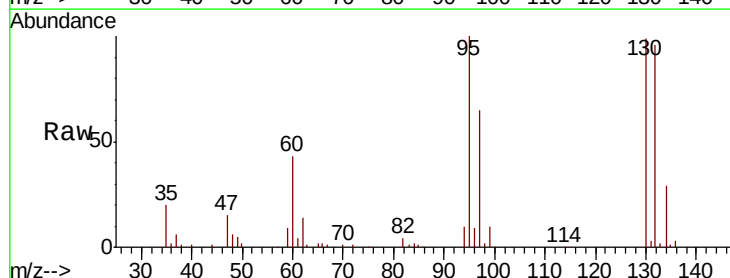
Acq: 19 Sep 2018 12:03

Tgt Ion:130 Resp: 352258

Ion Ratio Lower Upper

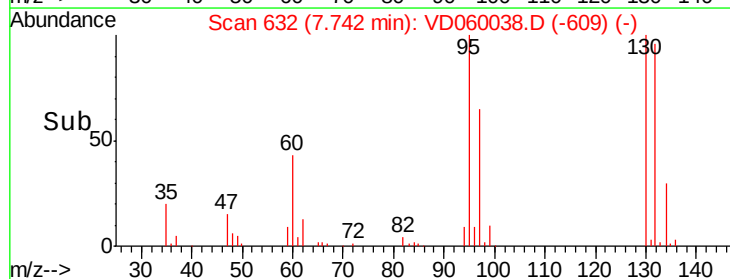
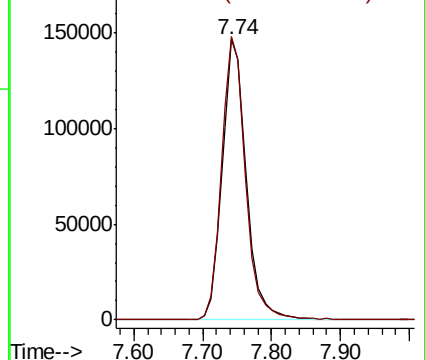
130 100

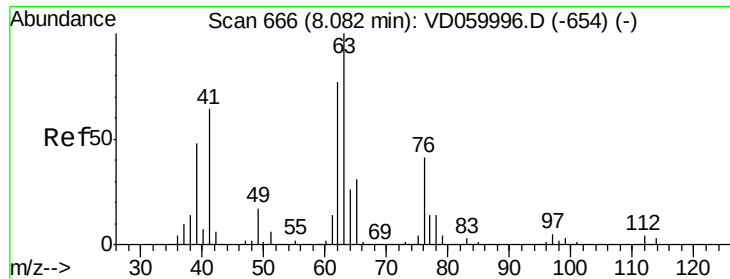
95 100.9 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

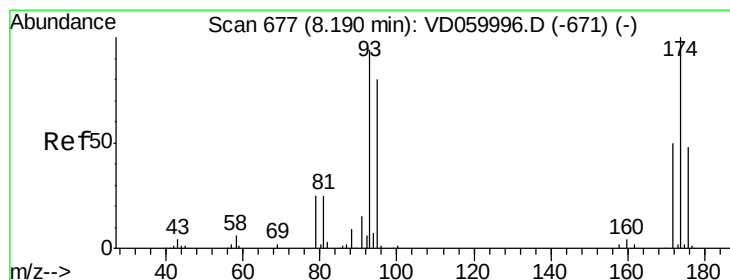
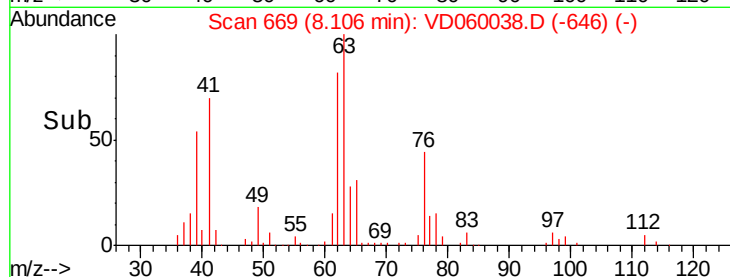
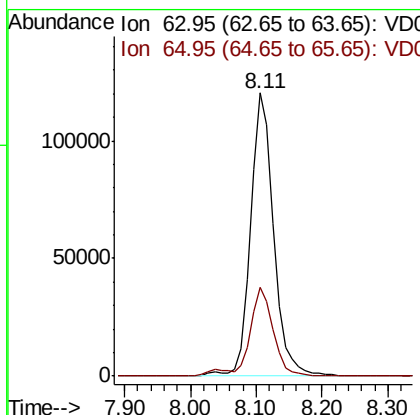
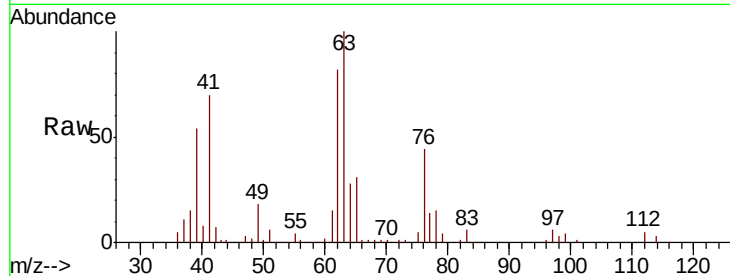




#45  
 1,2-Dichloropropane  
 Concen: 19.49 ug/l  
 RT: 8.11 min Scan# 669  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

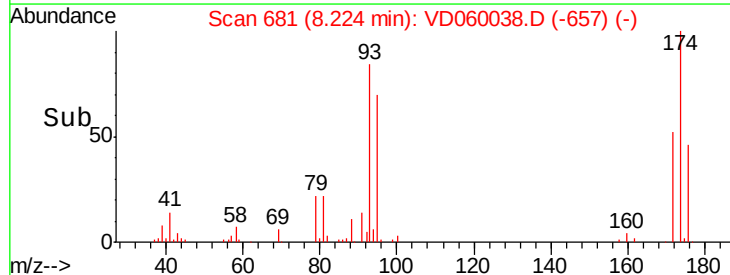
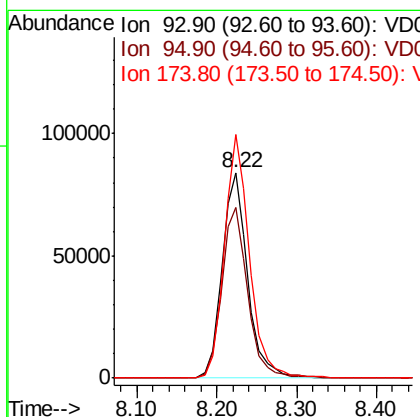
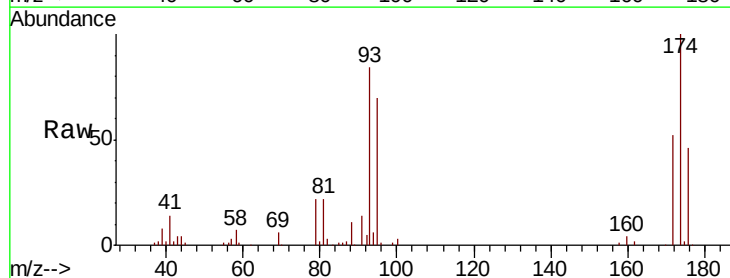
Instrument :  
 MSVOA\_D  
 ClientSampleId :

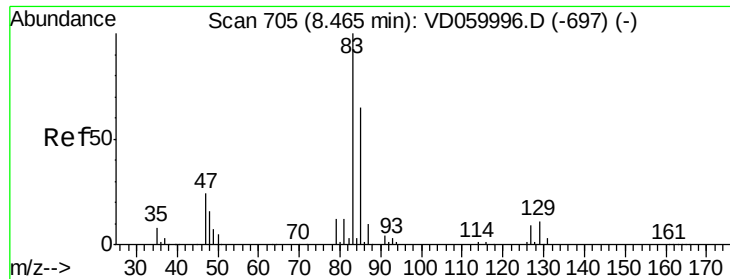
Tot Ion: 63 Resp: 295434  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 24.6 37.0



#46  
 Dibromomethane  
 Concen: 19.06 ug/l  
 RT: 8.22 min Scan# 681  
 Delta R.T. 0.03 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 93 Resp: 188476  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 68.0 102.0  
 174 118.4 85.4 128.2





#47

Bromodichloromethane

Concen: 19.65 ug/l

RT: 8.50 min Scan# 709

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

ClientSampleId :

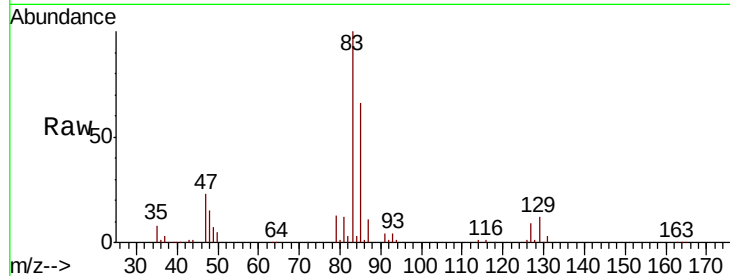
Tot Ion: 83 Resp: 418968

Ion Ratio Lower Upper

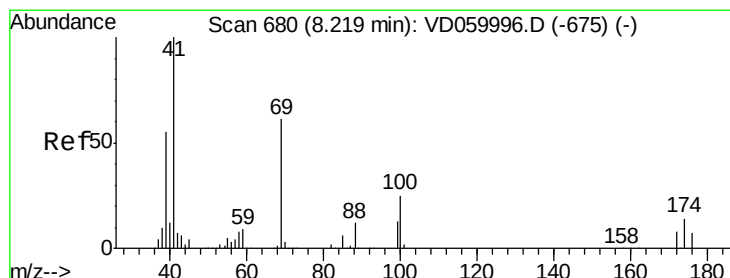
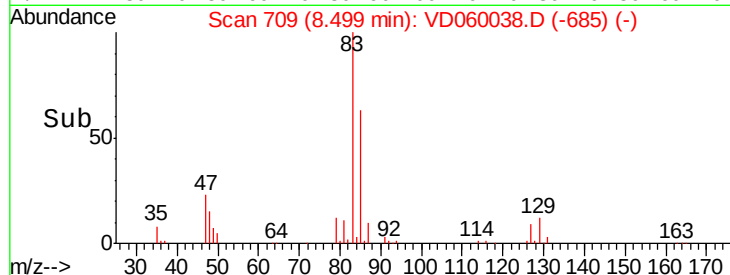
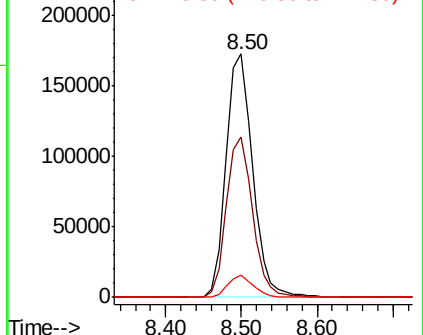
83 100

85 66.0 51.9 77.9

127 9.0 6.8 10.2



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.78 ug/l

RT: 8.25 min Scan# 684

Delta R.T. 0.03 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

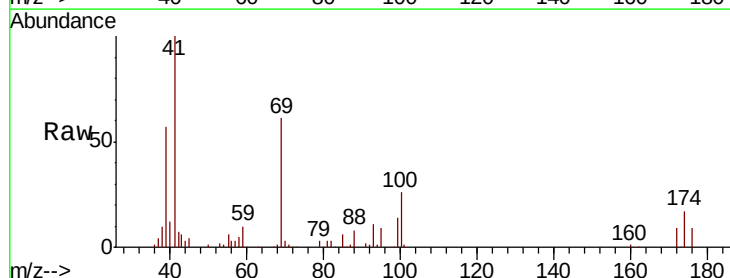
Tgt Ion: 41 Resp: 214165

Ion Ratio Lower Upper

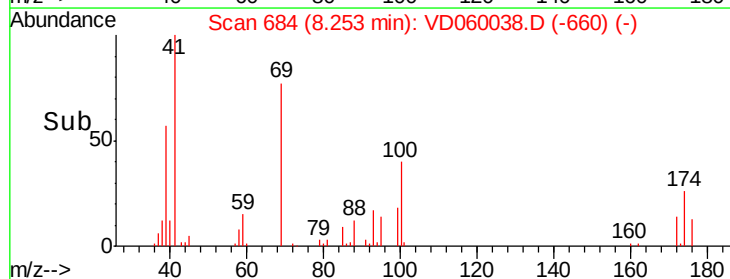
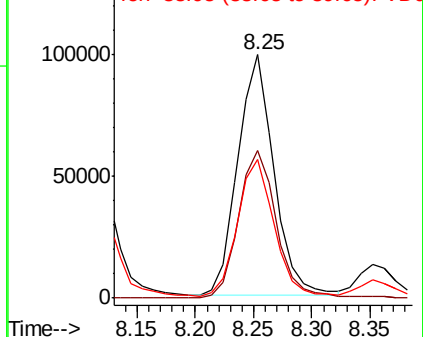
41 100

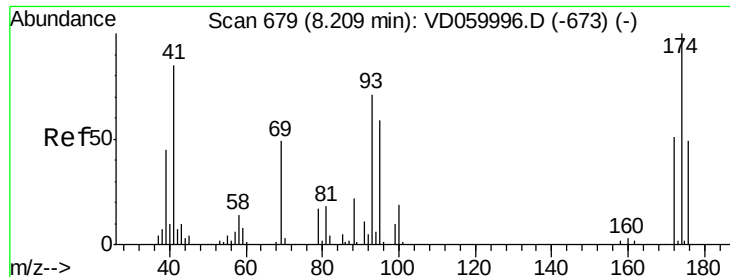
69 60.6 48.3 72.5

39 56.9 44.1 66.1



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 365.81 ug/l

RT: 8.23 min Scan# 682

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :

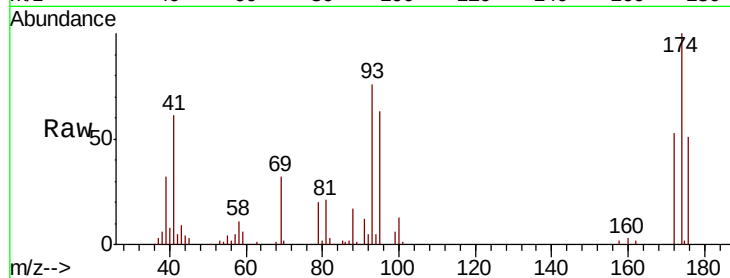
Tot Ion: 88 Resp: 41436

Ion Ratio Lower Upper

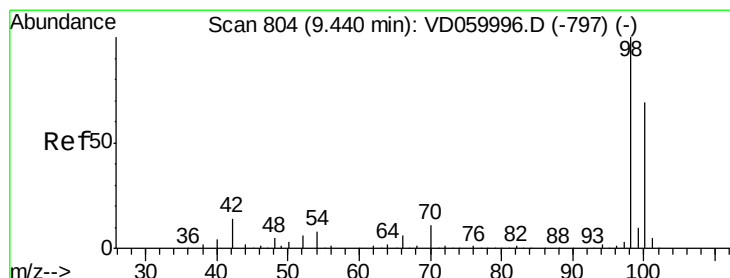
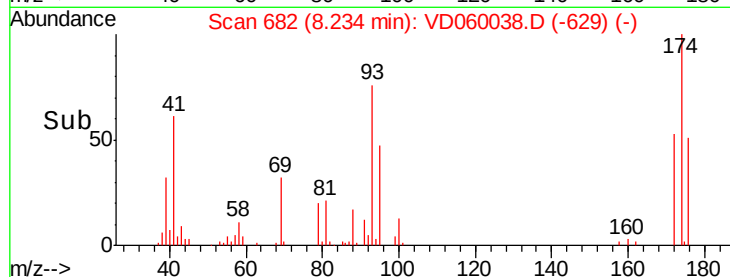
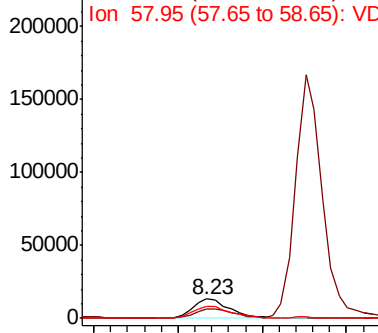
88 100

43 50.2 36.2 54.2

58 61.1 51.0 76.6



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: 365.81 ug/l

RT: 9.46 min Scan# 807

Delta R.T. 0.02 min

Lab File: VD060038.D

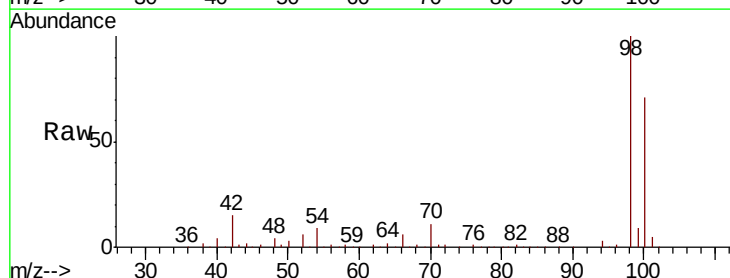
Acq: 19 Sep 2018 12:03

Tgt Ion: 98 Resp: 2493129

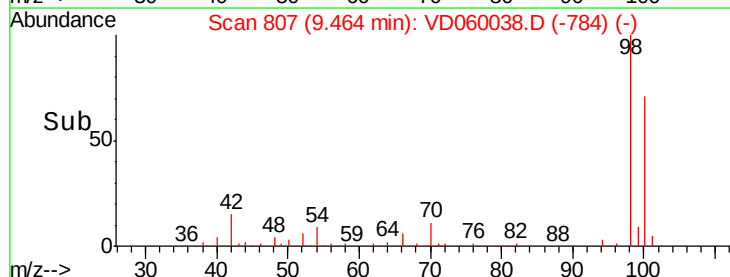
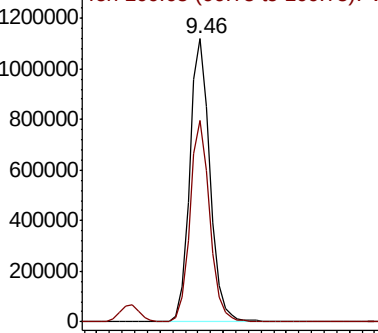
Ion Ratio Lower Upper

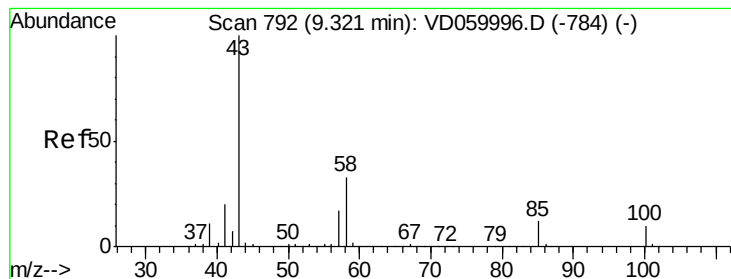
98 100

100 71.0 55.8 83.6



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: 97.17 ug/l

RT: 9.35 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

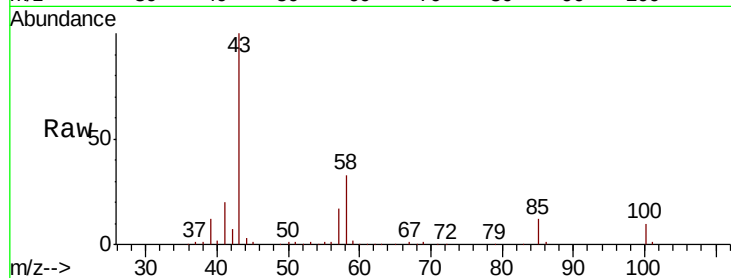
ClientSampleId :

Tot Ion: 43 Resp: 1473503

Ion Ratio Lower Upper

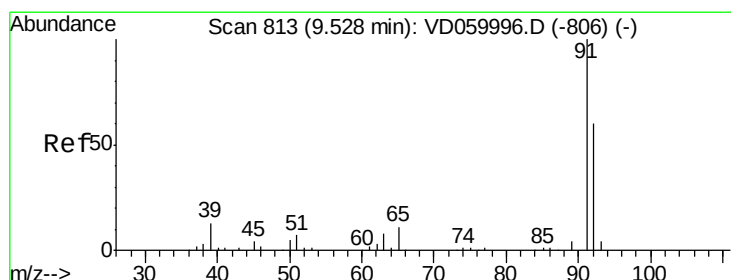
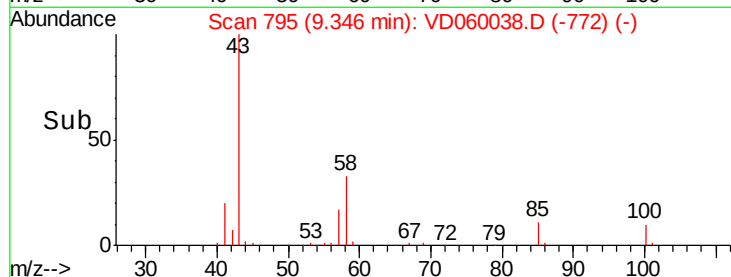
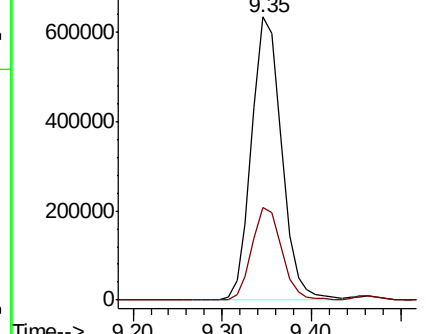
43 100

58 32.8 26.4 39.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.25 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.02 min

Lab File: VD060038.D

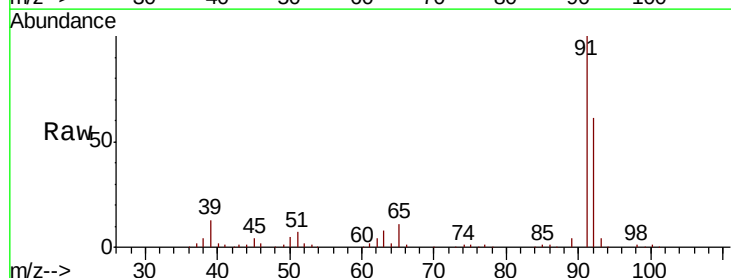
Acq: 19 Sep 2018 12:03

Tgt Ion: 92 Resp: 735610

Ion Ratio Lower Upper

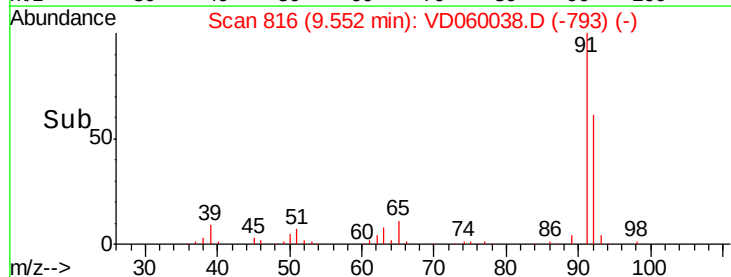
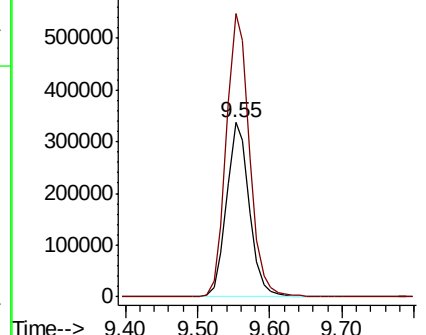
92 100

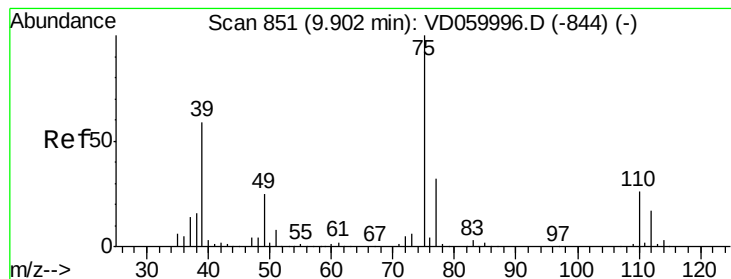
91 162.7 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.85 ug/l

RT: 9.93 min Scan# 854

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

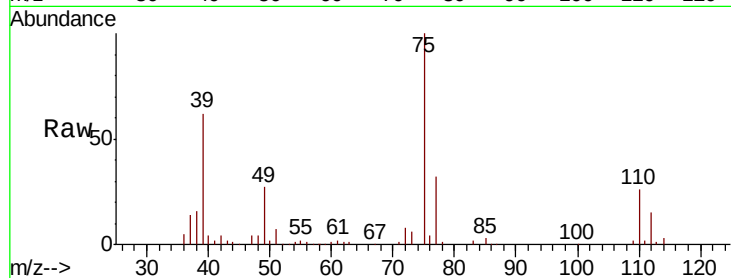
ClientSampled :

Tot Ion: 75 Resp: 394672

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

9.93

200000

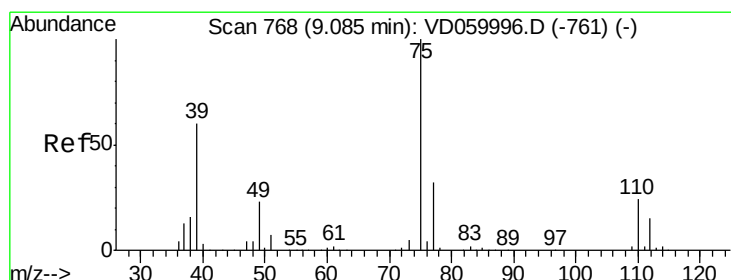
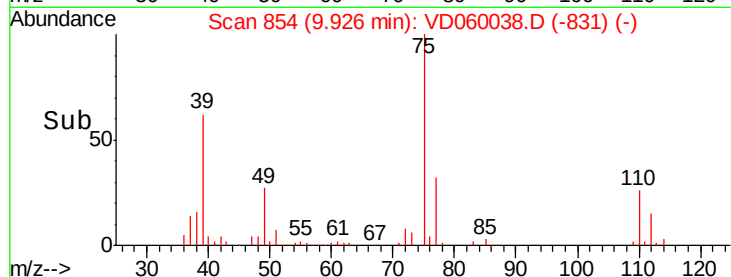
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.79 ug/l

RT: 9.11 min Scan# 771

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

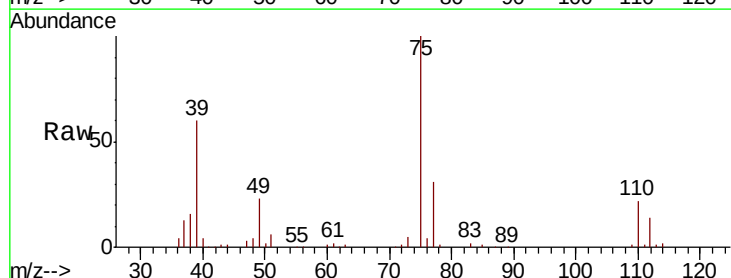
Tgt Ion: 75 Resp: 470202

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 60.2 48.0 72.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

9.11

300000

250000

200000

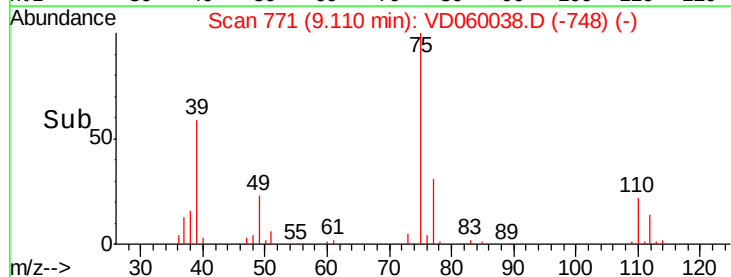
150000

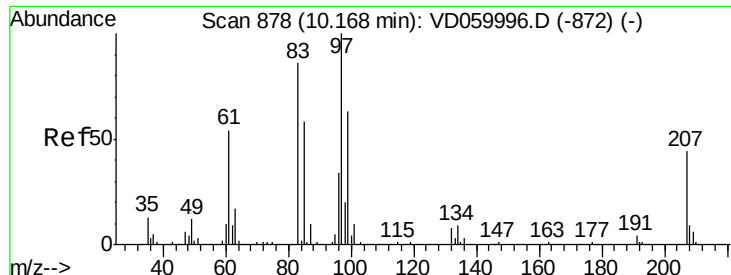
100000

50000

0

Time-->

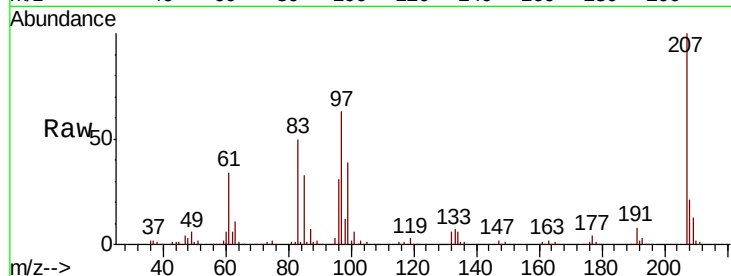




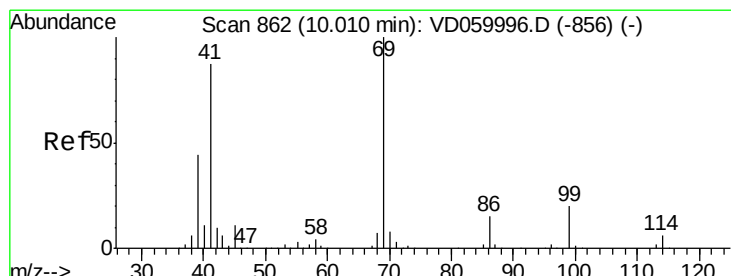
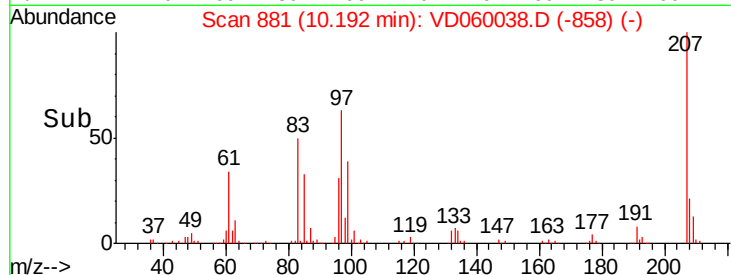
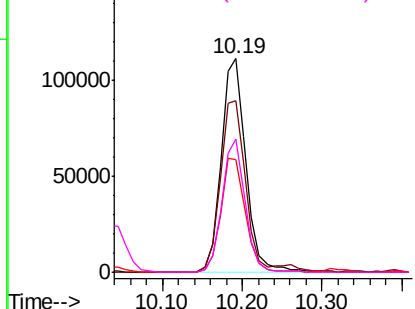
#55  
 1,1,2-Trichloroethane  
 Concen: 19.16 ug/l  
 RT: 10.19 min Scan# 881  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 241758  
 Ion Ratio Lower Upper  
 97 100  
 83 80.5 69.1 103.7  
 85 53.0 46.2 69.4  
 99 62.1 50.6 75.8

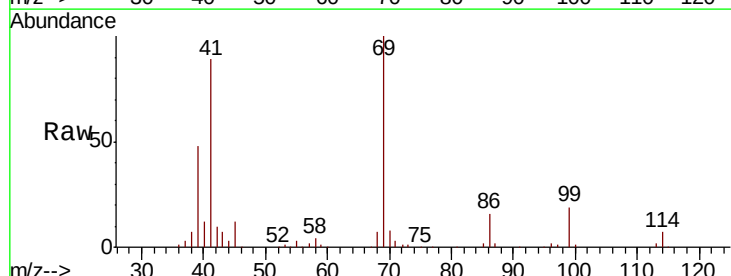


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

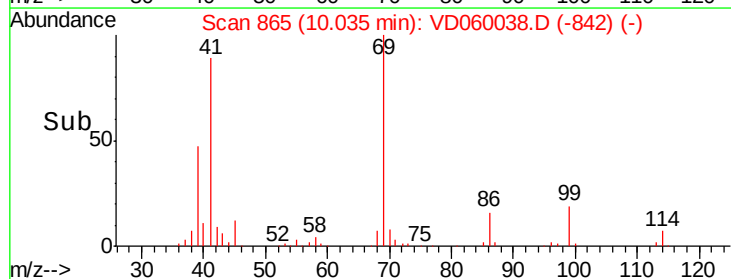
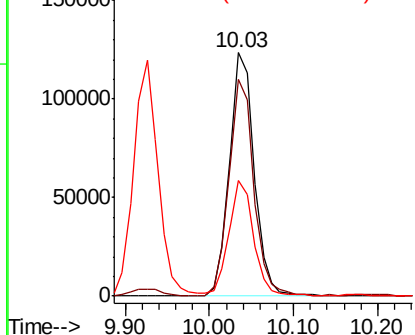


#56  
 Ethyl methacrylate  
 Concen: 18.16 ug/l  
 RT: 10.03 min Scan# 865  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

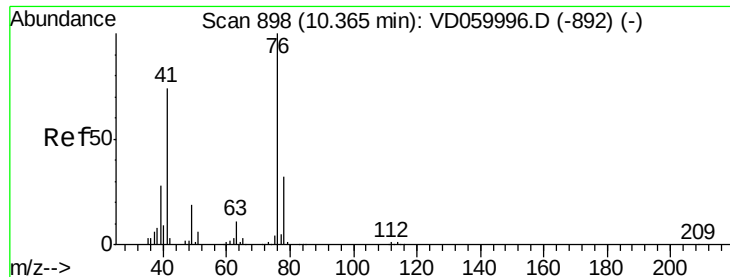
Tgt Ion: 69 Resp: 254033  
 Ion Ratio Lower Upper  
 69 100  
 41 88.8 70.1 105.1  
 39 47.5 36.5 54.7



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: 19.45 ug/l

RT: 10.39 min Scan# 901

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

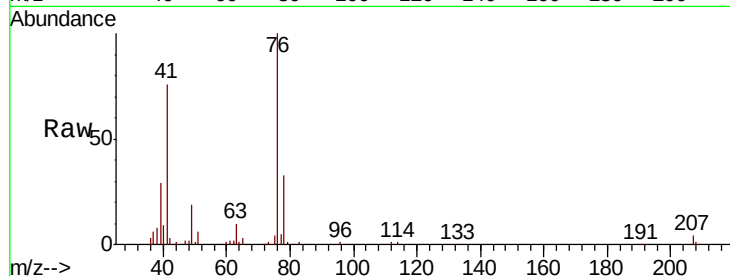
ClientSampled :

Tot Ion: 76 Resp: 362115

Ion Ratio Lower Upper

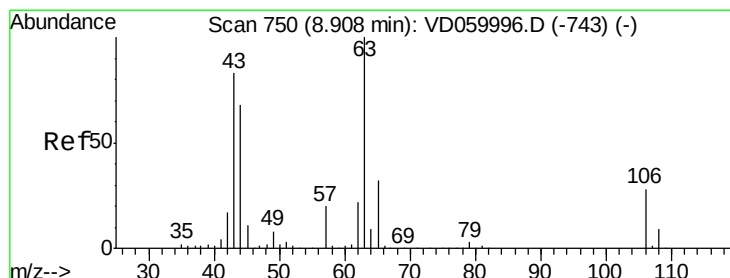
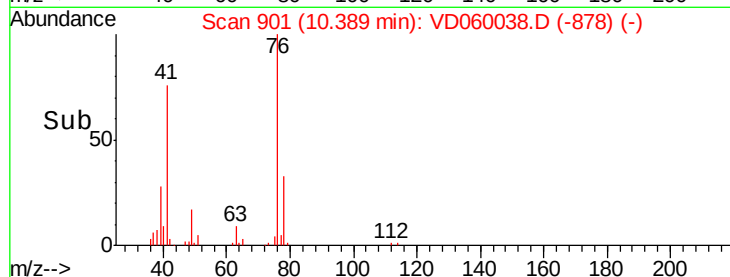
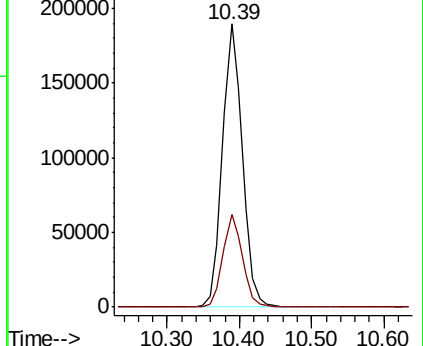
76 100

78 32.8 25.3 37.9



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 106.02 ug/l

RT: 8.93 min Scan# 753

Delta R.T. 0.02 min

Lab File: VD060038.D

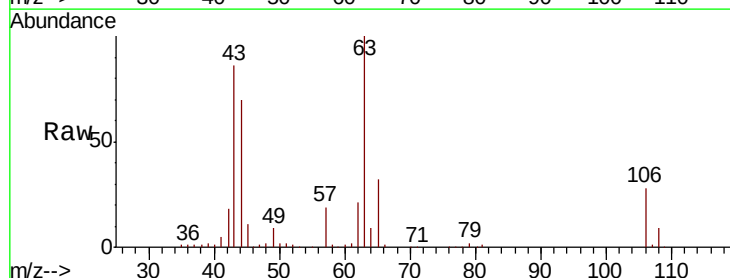
Acq: 19 Sep 2018 12:03

Tgt Ion: 63 Resp: 716381

Ion Ratio Lower Upper

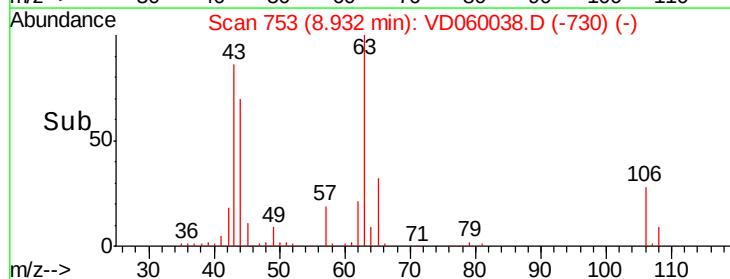
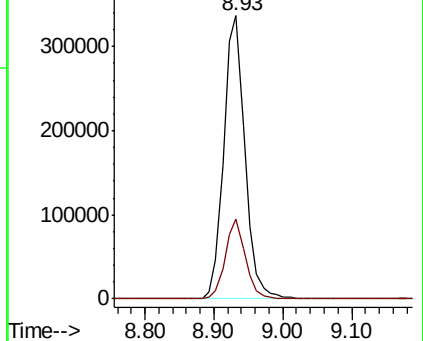
63 100

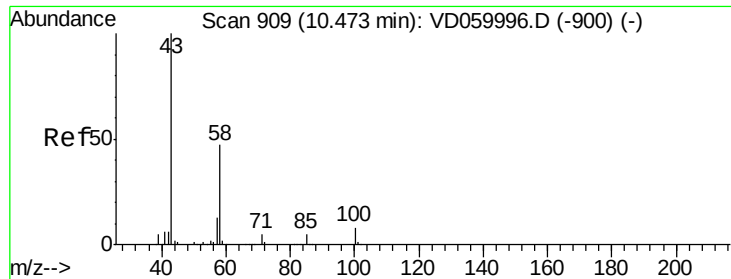
106 28.3 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

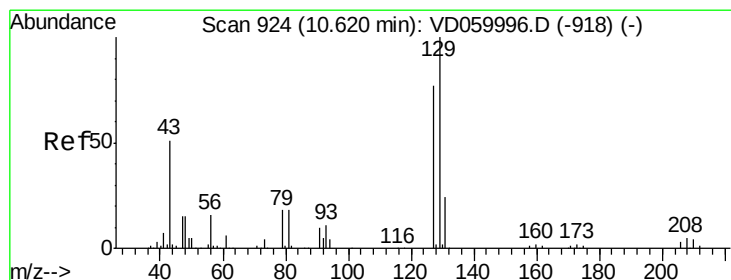
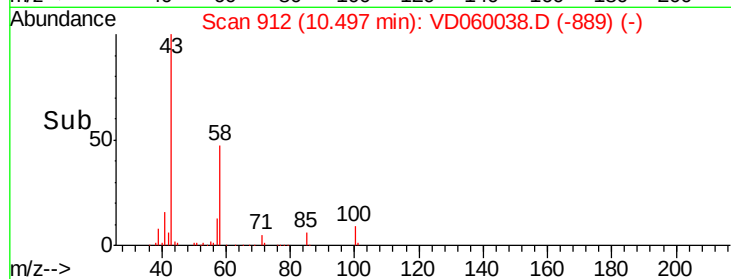
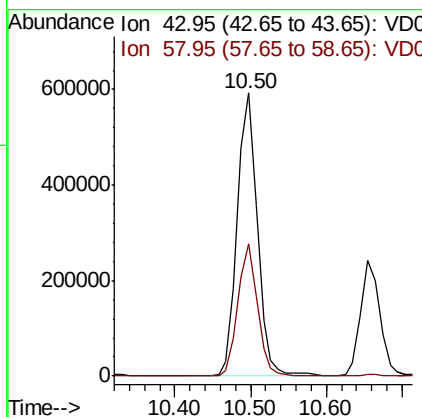
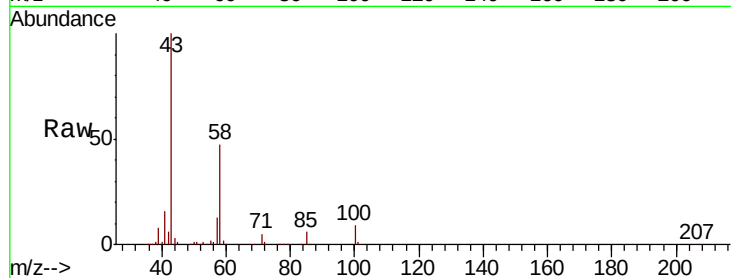




#59  
2-Hexanone  
Concen: 100.03 ug/l  
RT: 10.50 min Scan# 912  
Delta R.T. 0.03 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

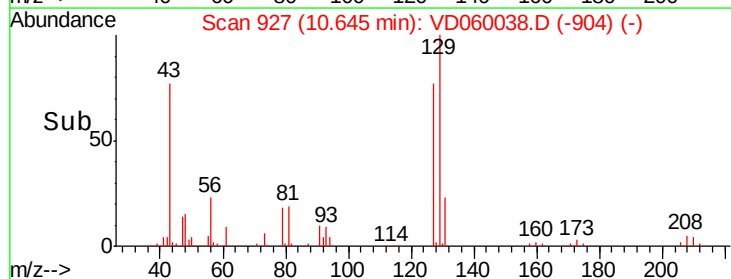
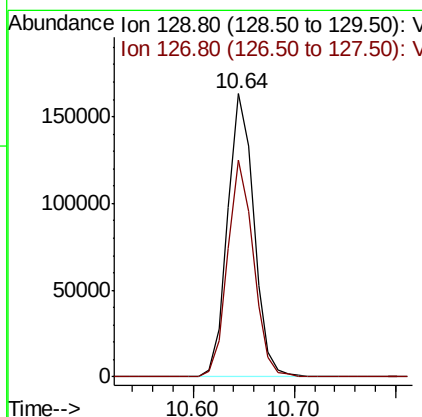
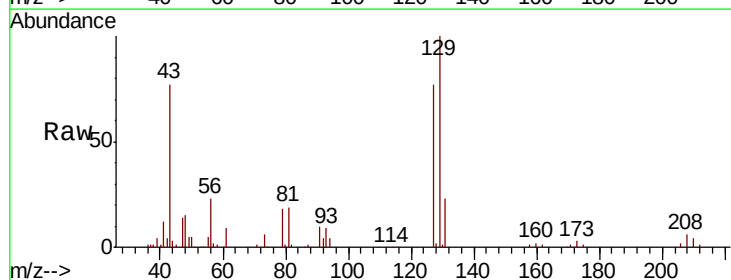
Instrument :  
MSVOA\_D  
ClientSampleId :

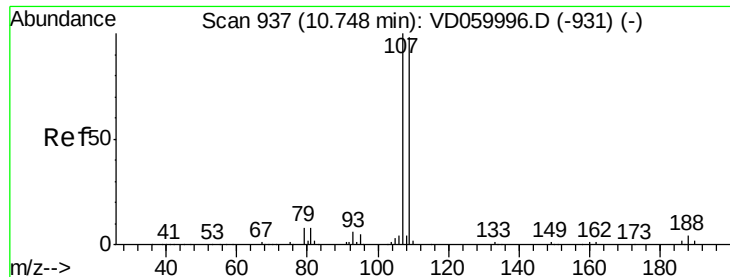
Tot Ion: 43 Resp: 1090447  
Ion Ratio Lower Upper  
43 100  
58 46.9 23.4 70.0



#60  
Dibromochloromethane  
Concen: 19.26 ug/l  
RT: 10.64 min Scan# 927  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 129 Resp: 295742  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 116.0

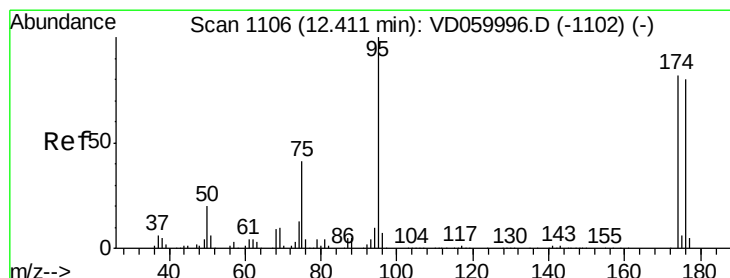
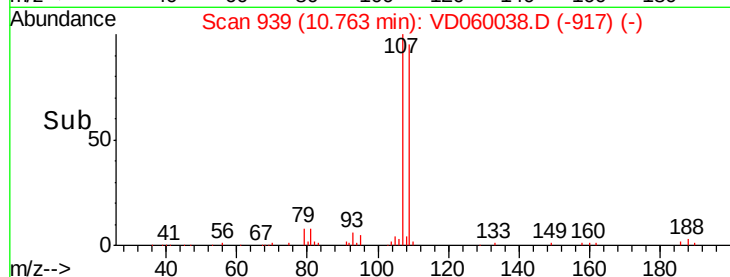
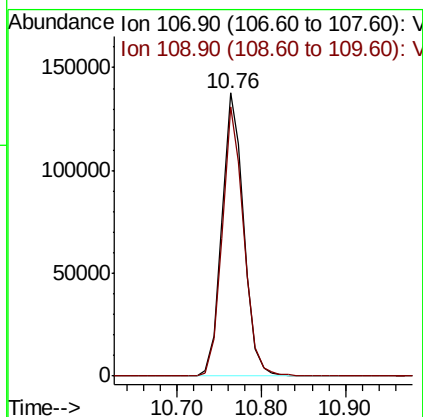
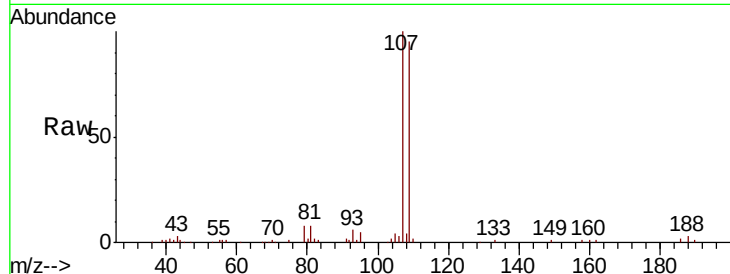




#61  
 1,2-Dibromoethane  
 Concen: 18.92 ug/l  
 RT: 10.76 min Scan# 939  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

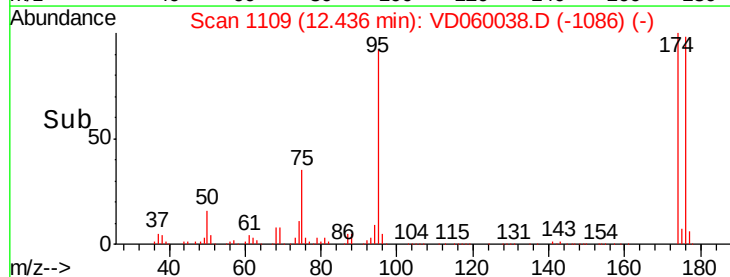
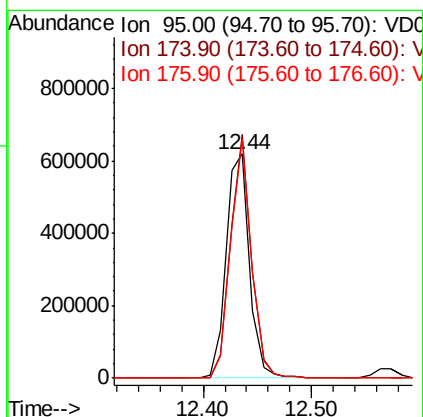
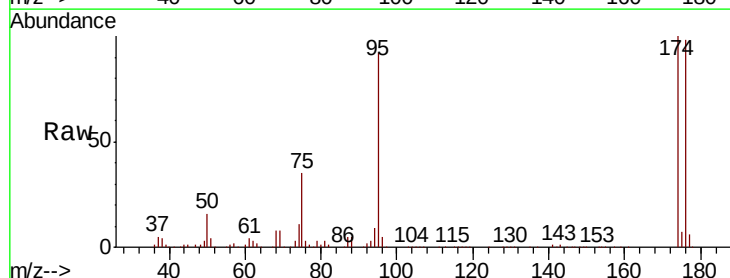
Instrument :  
 MSVOA\_D  
 ClientSampleId :

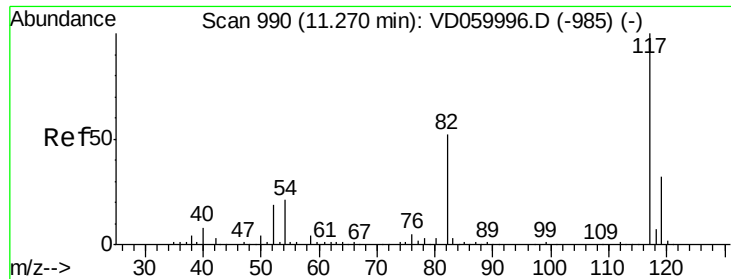
Tot Ion:107 Resp: 246375  
 Ion Ratio Lower Upper  
 107 100  
 109 95.2 78.2 117.2



#62  
 4-Bromofluorobenzene  
 Concen: 18.92 ug/l  
 RT: 12.44 min Scan# 1109  
 Delta R.T. 0.02 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 95 Resp: 927532  
 Ion Ratio Lower Upper  
 95 100  
 174 108.6 0.0 165.0  
 176 106.8 0.0 160.2

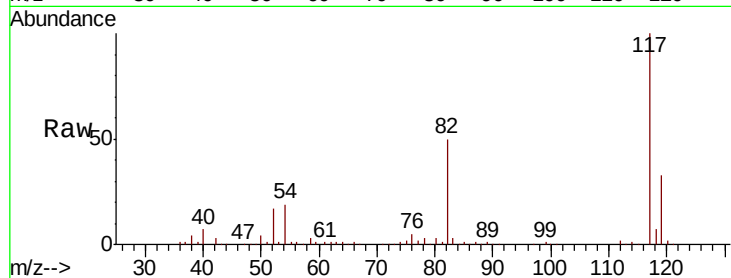




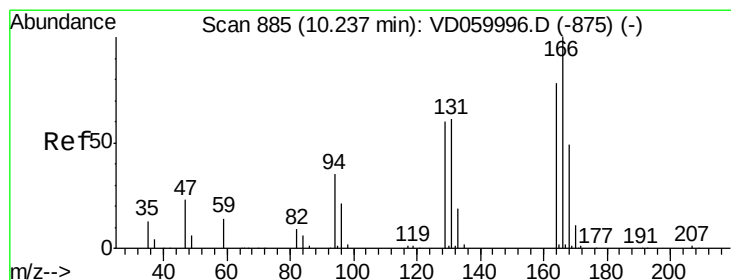
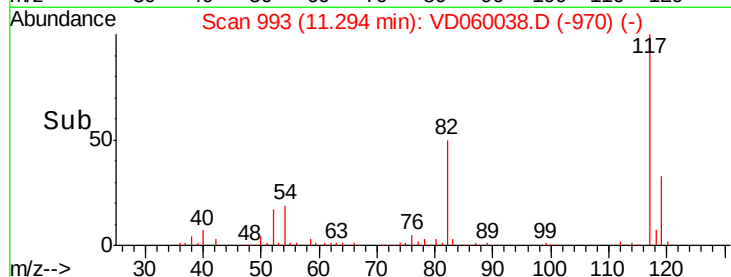
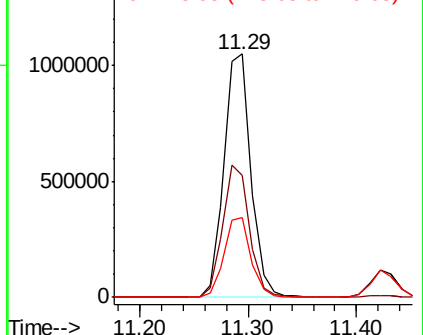
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.29 min Scan# 993  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 1831557  
Ion Ratio Lower Upper  
117 100  
82 49.9 41.7 62.5  
119 32.7 26.0 39.0

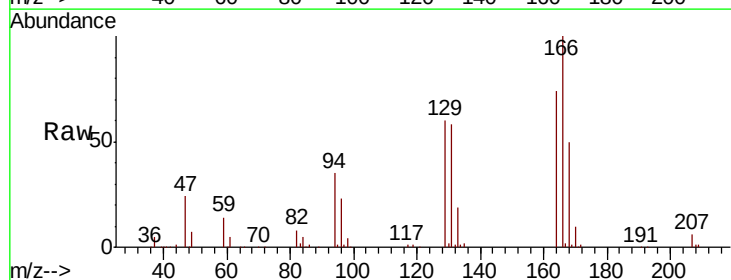


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

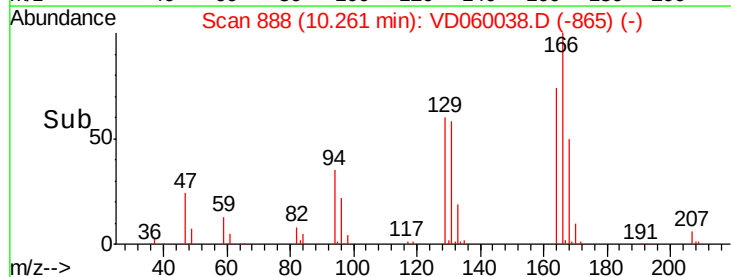
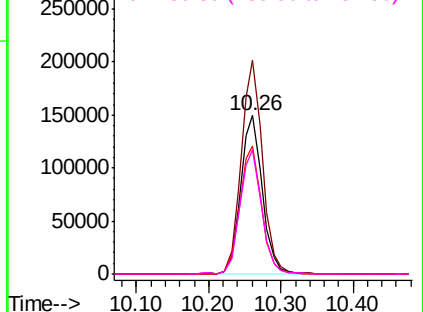


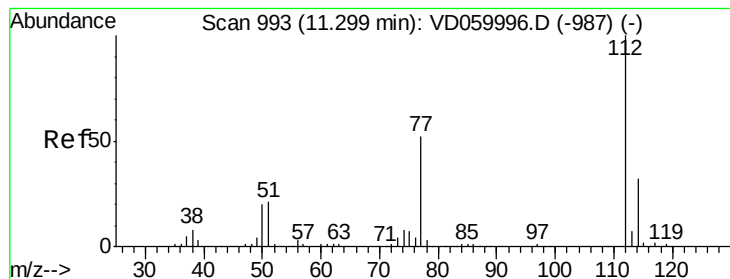
#64  
Tetrachloroethene  
Concen: 19.34 ug/l  
RT: 10.26 min Scan# 888  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion:164 Resp: 312511  
Ion Ratio Lower Upper  
164 100  
166 134.8 103.0 154.6  
129 80.6 61.9 92.9  
131 78.4 62.6 93.8



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: 20.75 ug/l

RT: 11.32 min Scan# 996

Delta R.T. 0.02 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

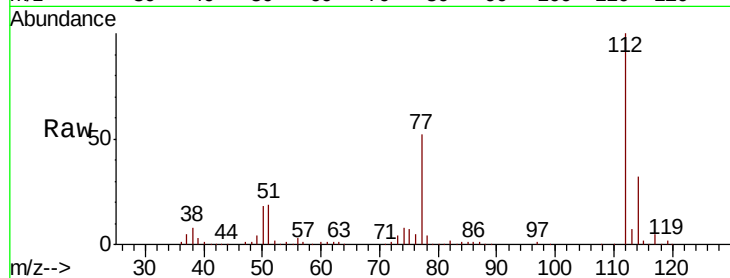
ClientSampled :

Tot Ion:112 Resp: 816936

Ion Ratio Lower Upper

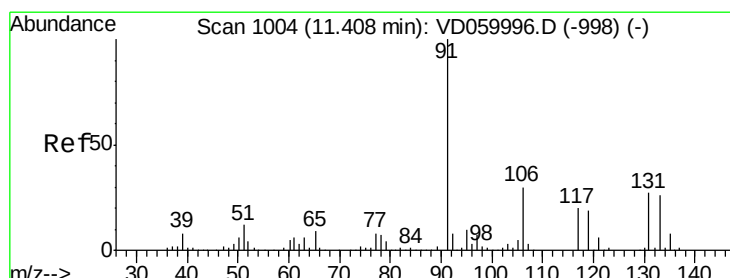
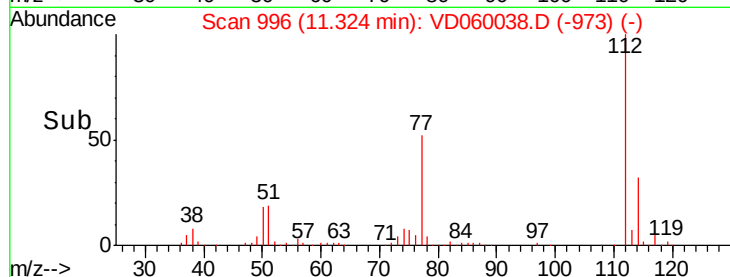
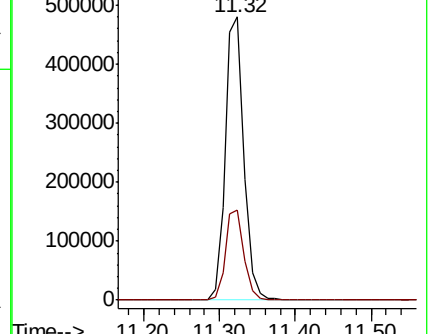
112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.07 ug/l

RT: 11.42 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

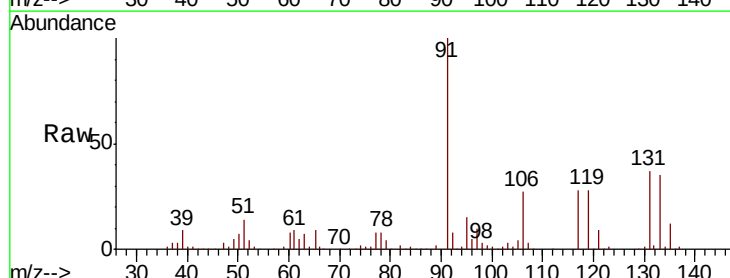
Tgt Ion:131 Resp: 266621

Ion Ratio Lower Upper

131 100

133 94.6 47.4 142.3

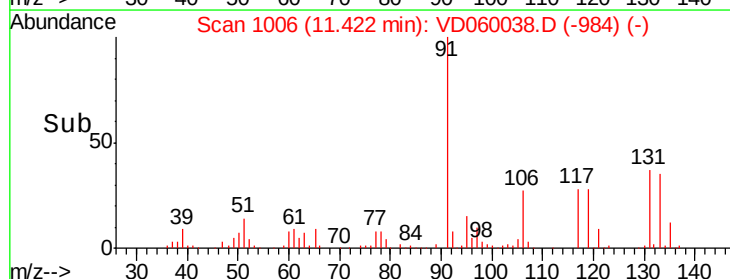
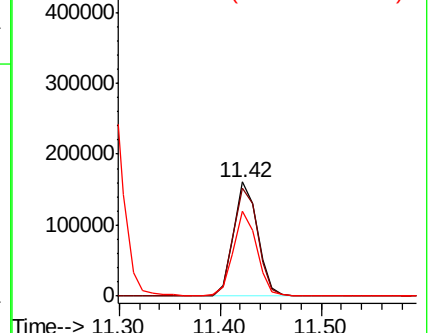
119 75.2 35.6 106.9

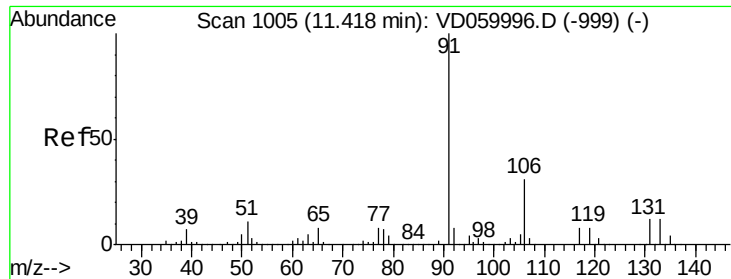


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

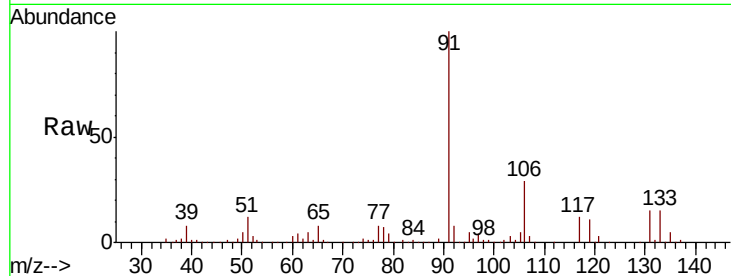




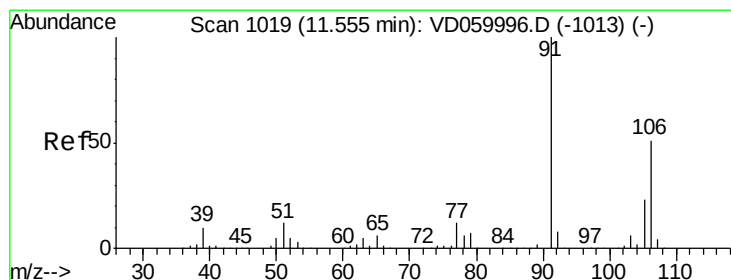
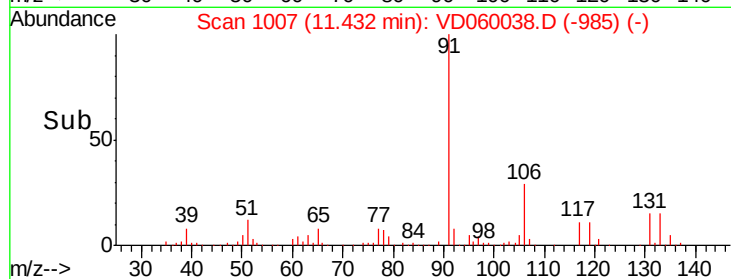
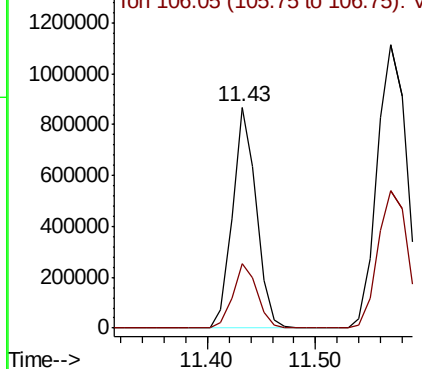
#67  
Ethyl Benzene  
Concen: 21.00 ug/l  
RT: 11.43 min Scan# 1007  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 91 Resp: 1330969  
Ion Ratio Lower Upper  
91 100  
106 29.3 24.8 37.2

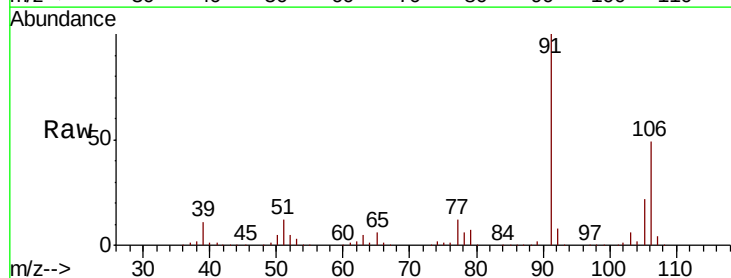


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 106.05 (105.75 to 106.75): V

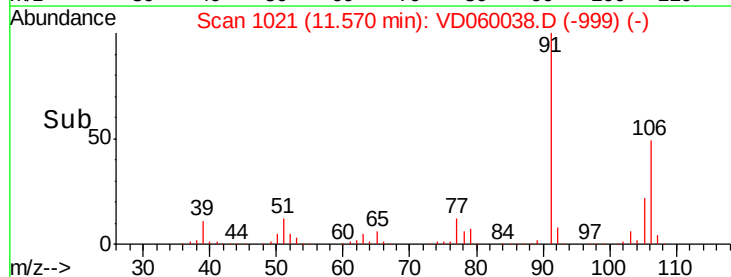
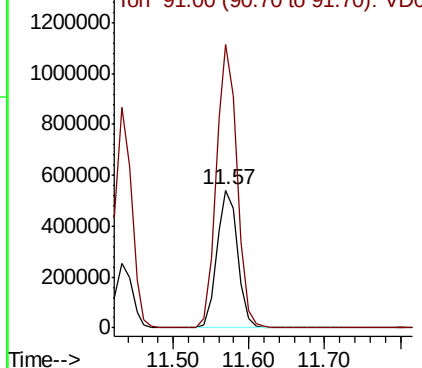


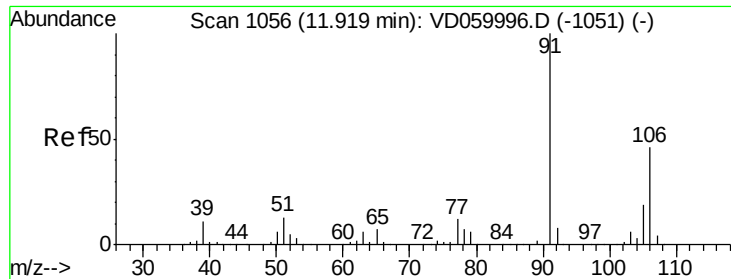
#68  
m/p-Xylenes  
Concen: 44.45 ug/l  
RT: 11.57 min Scan# 1021  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 106 Resp: 1040298  
Ion Ratio Lower Upper  
106 100  
91 205.1 157.0 235.6



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

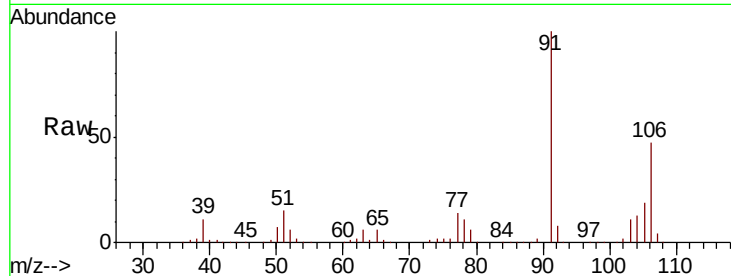




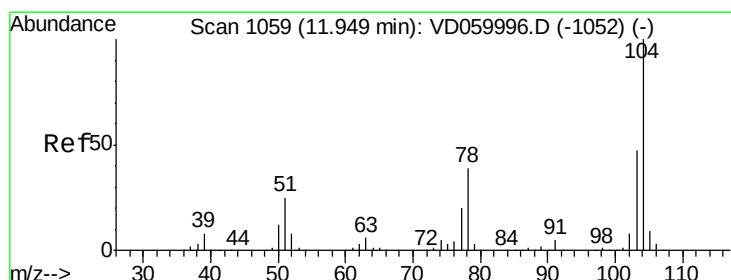
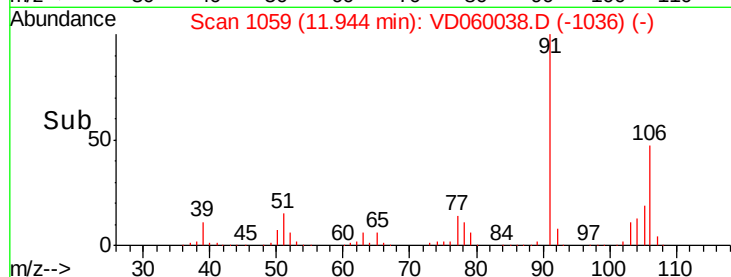
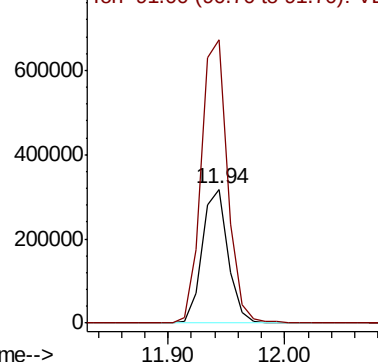
#69  
o-Xylene  
Concen: 21.13 ug/l  
RT: 11.94 min Scan# 1059  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 490012  
Ion Ratio Lower Upper  
106 100  
91 210.9 107.7 323.1

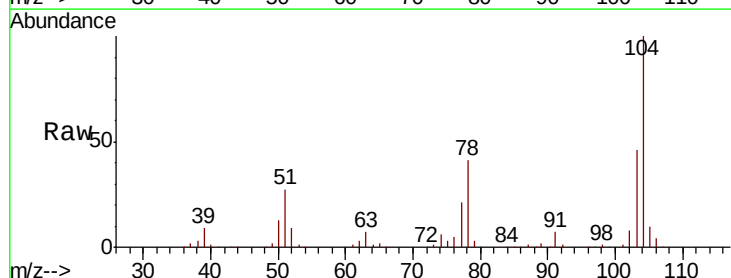


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

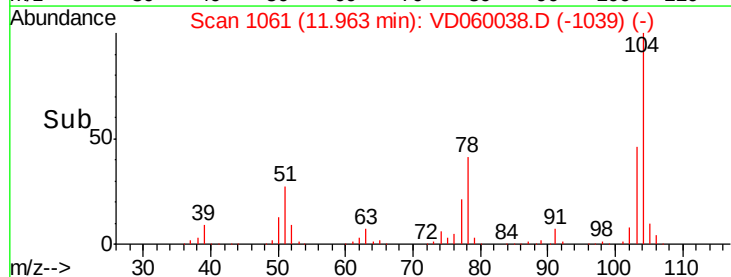
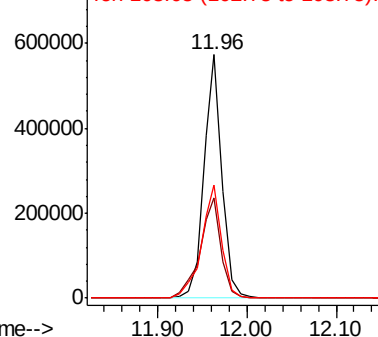


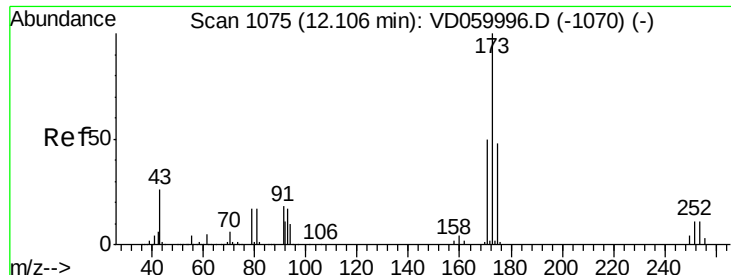
#70  
Styrene  
Concen: 20.86 ug/l  
RT: 11.96 min Scan# 1061  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion:104 Resp: 813419  
Ion Ratio Lower Upper  
104 100  
78 41.1 31.0 46.4  
103 46.4 37.6 56.4



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

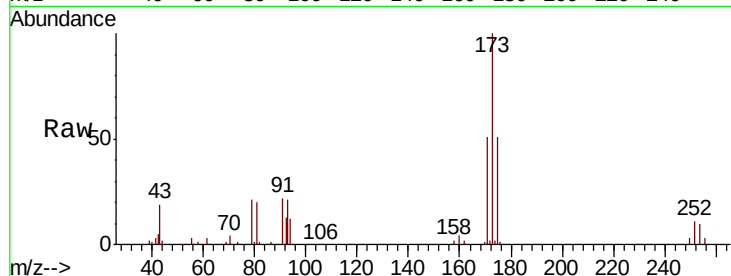




#71  
Bromoform  
Concen: 17.97 ug/l  
RT: 12.12 min Scan# 1077  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.0  | 24.0  | 72.0  |
| 254     | 9.6   | 8.6   | 13.0  |

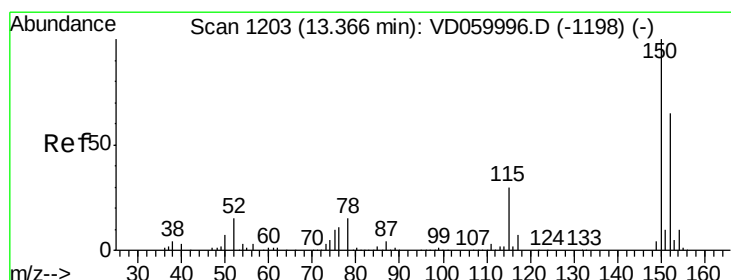
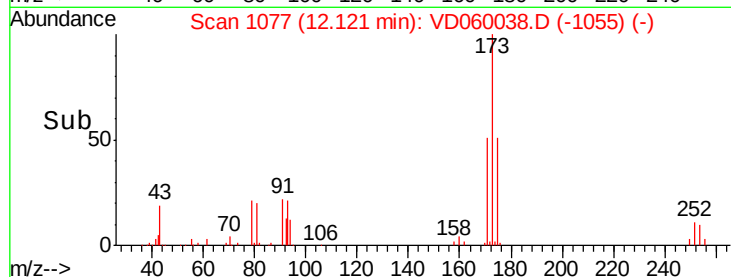
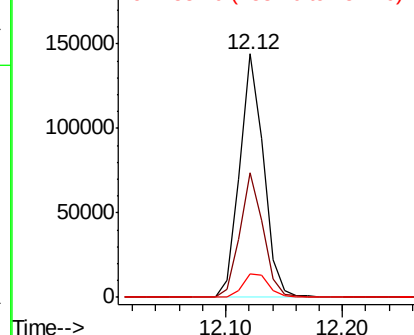


Abundance

Ion 172.80 (172.50 to 173.50): V

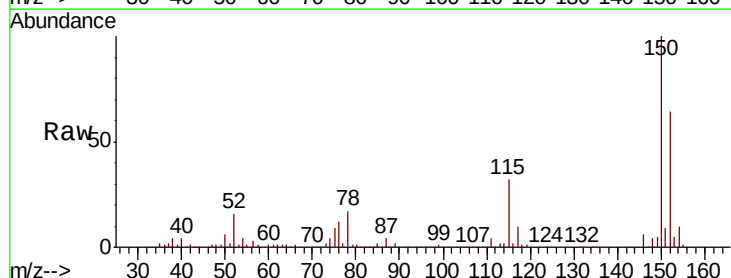
Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.38 min Scan# 1205  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 49.0  | 24.6  | 73.8  |
| 150     | 155.0 | 0.0   | 313.4 |

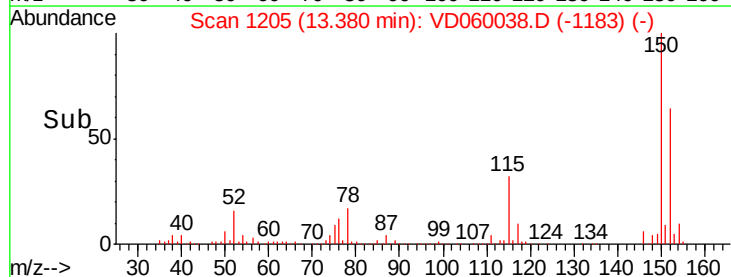
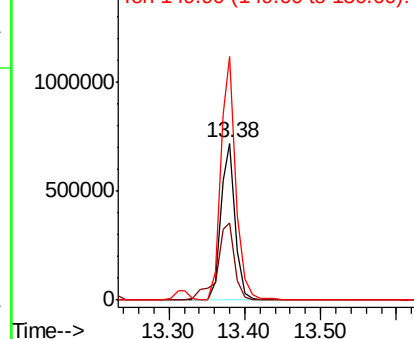


Abundance

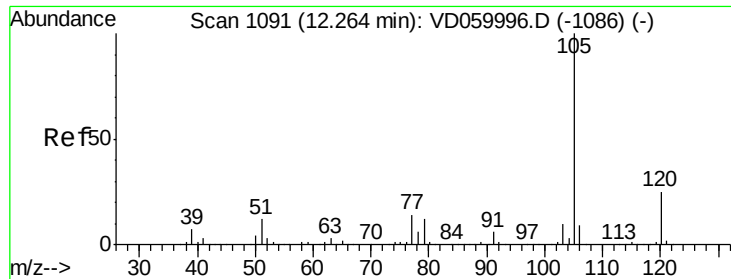
Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 21.62 ug/l

RT: 12.28 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

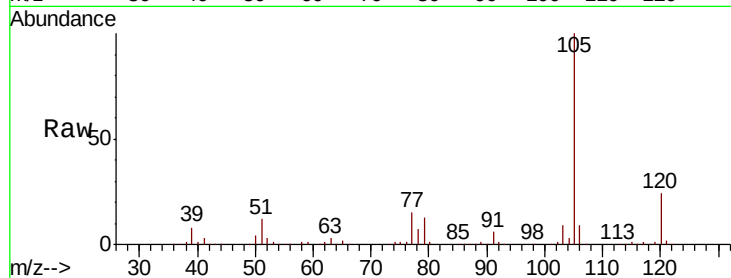
ClientSampleId :

Tot Ion:105 Resp: 1372420

Ion Ratio Lower Upper

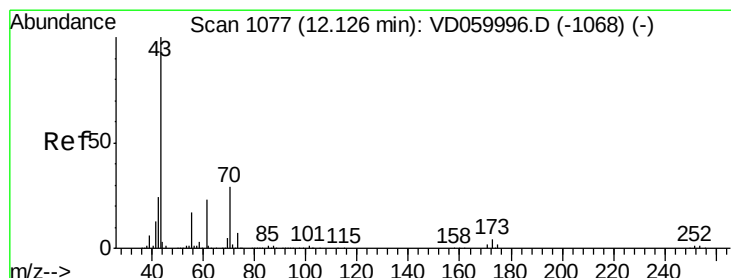
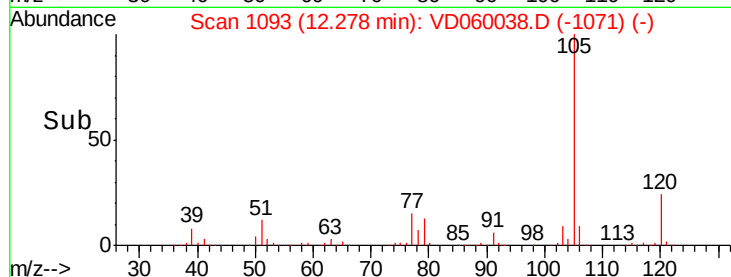
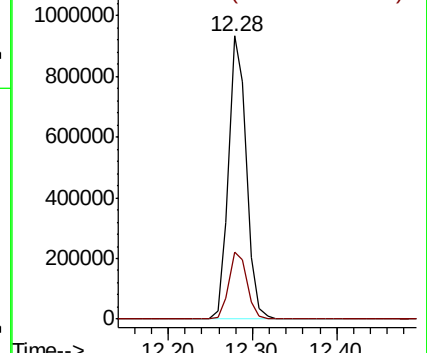
105 100

120 23.7 12.3 36.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 18.73 ug/l

RT: 12.14 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Tgt Ion: 43 Resp: 470928

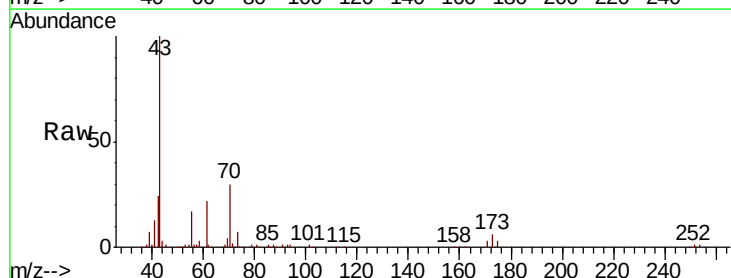
Ion Ratio Lower Upper

43 100

70 29.5 22.9 34.3

55 16.6 14.0 21.0

61 22.5 18.7 28.1

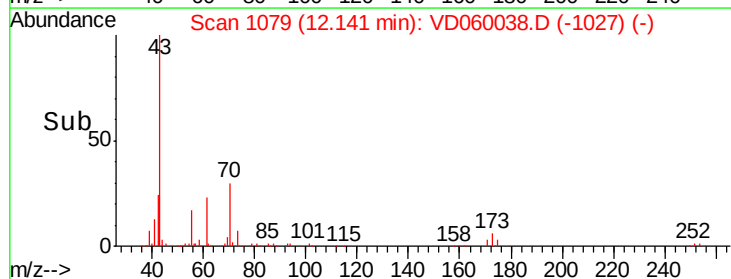
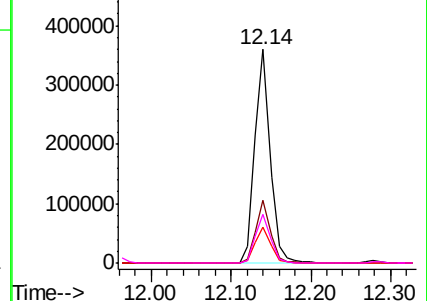


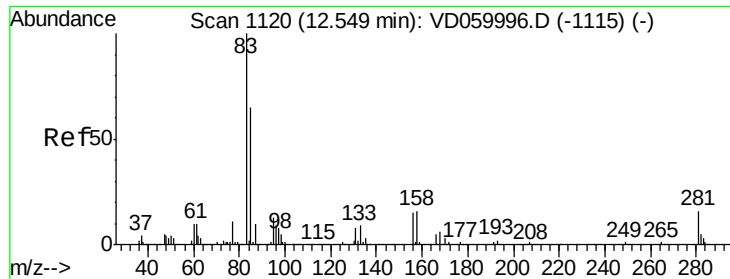
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 19.36 ug/l

RT: 12.56 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

ClientSampled :

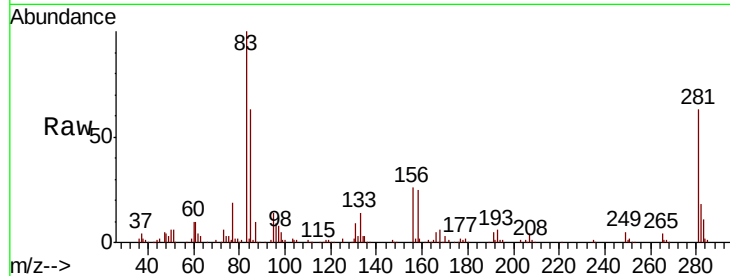
Tot Ion: 83 Resp: 278834

Ion Ratio Lower Upper

83 100

131 8.6 4.1 12.3

85 62.7 32.4 97.2



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

250000

200000

150000

100000

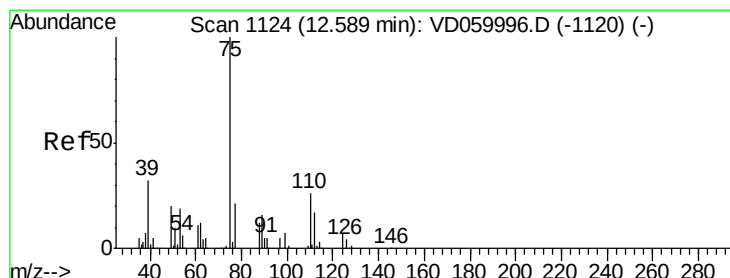
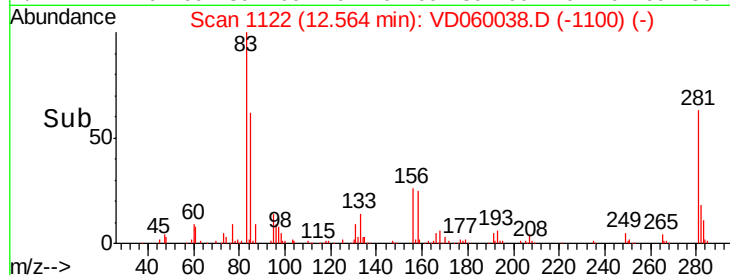
50000

0

12.56

12.50 12.60 12.70

Time-->



#76

1,2,3-Trichloropropane

Concen: 18.62 ug/l

RT: 12.60 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VD060038.D

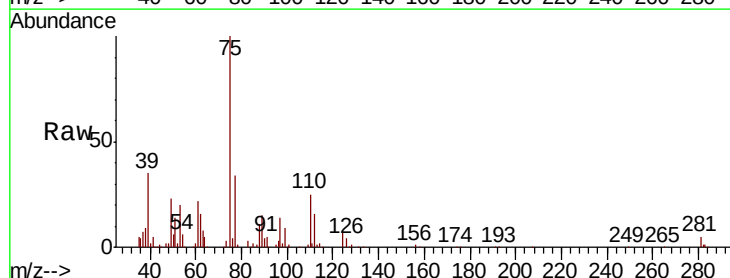
Acq: 19 Sep 2018 12:03

Tgt Ion: 75 Resp: 275201

Ion Ratio Lower Upper

75 100

77 33.7 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

400000

300000

200000

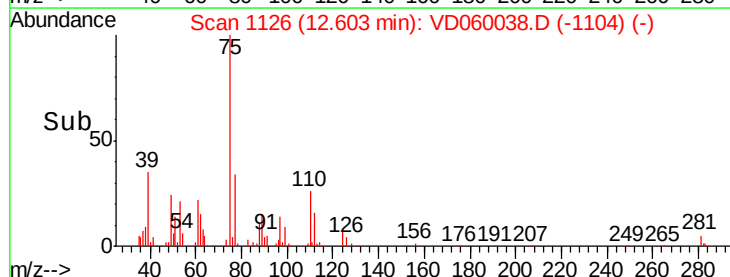
100000

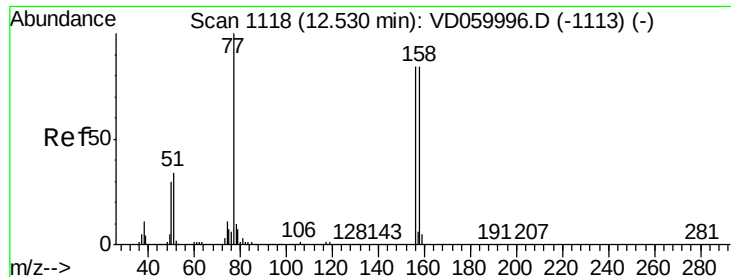
0

12.60

12.55 12.60 12.65 12.70

Time-->





#77

Bromobenzene

Concen: 20.56 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

ClientSampleId :

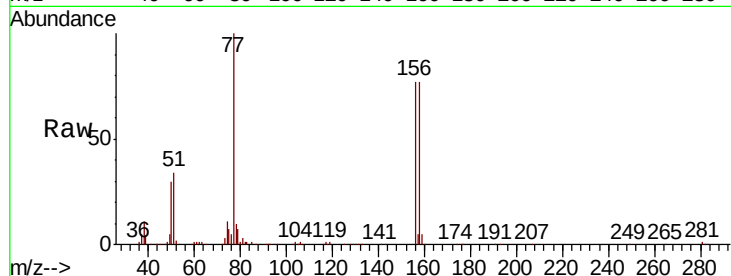
Tot Ion:156 Resp: 375974

Ion Ratio Lower Upper

156 100

77 130.1 59.5 178.4

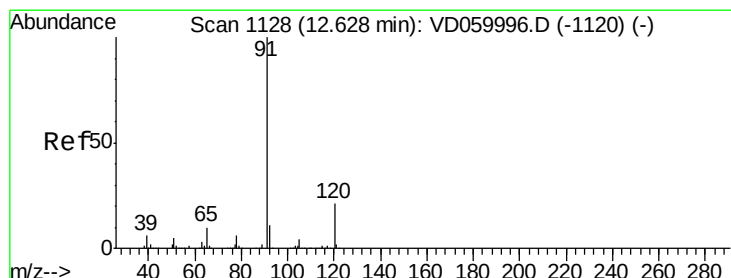
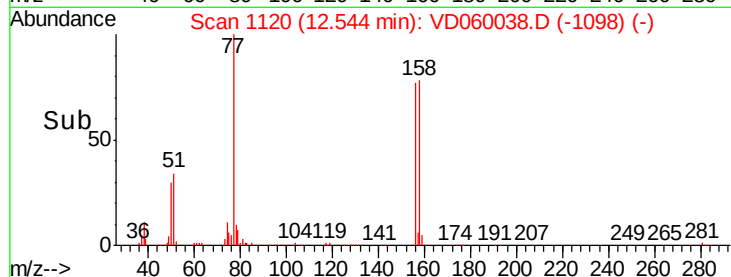
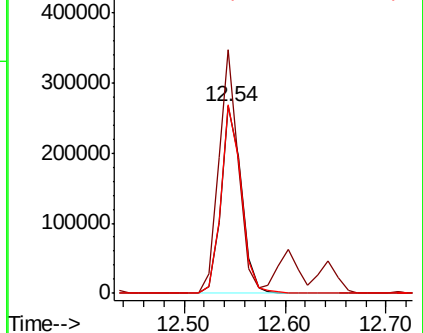
158 100.5 50.0 149.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.55 ug/l

RT: 12.64 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VD060038.D

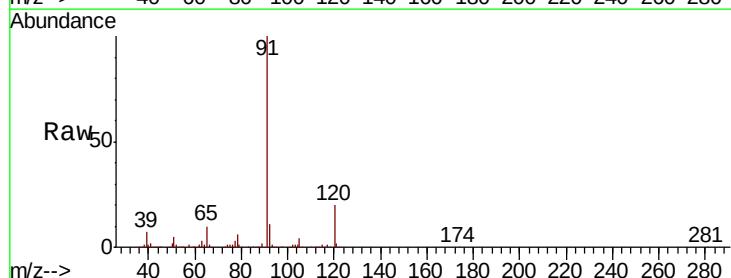
Acq: 19 Sep 2018 12:03

Tgt Ion: 91 Resp: 1720233

Ion Ratio Lower Upper

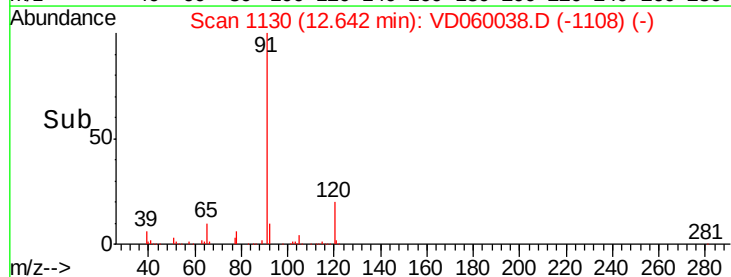
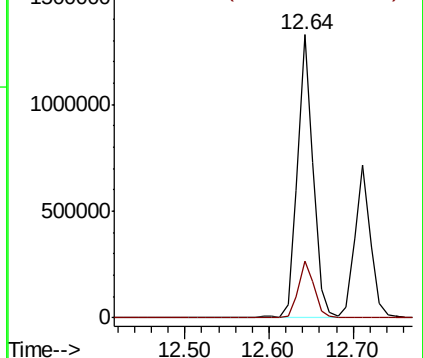
91 100

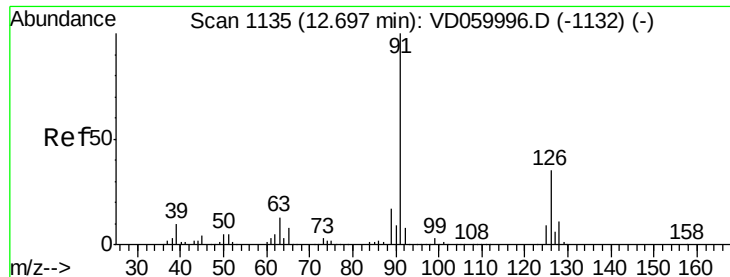
120 19.9 10.7 31.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

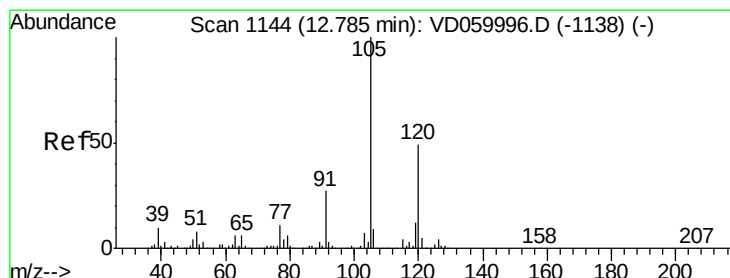
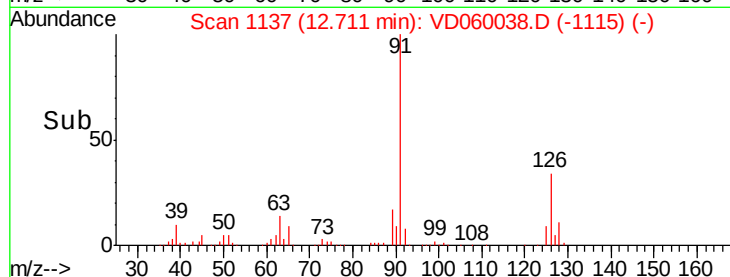
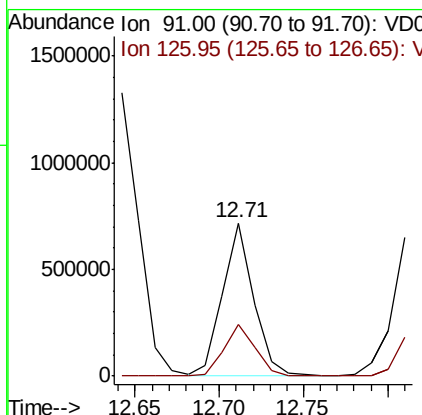
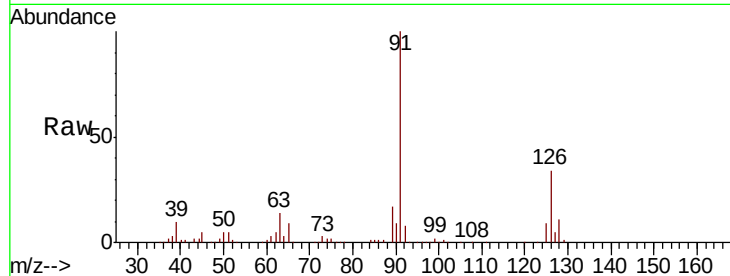




#79  
 2-Chlorotoluene  
 Concen: 20.21 ug/l  
 RT: 12.71 min Scan# 1137  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

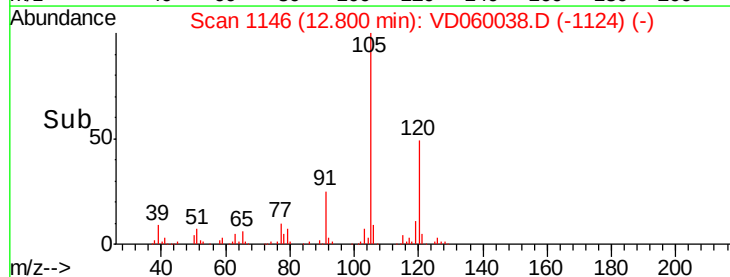
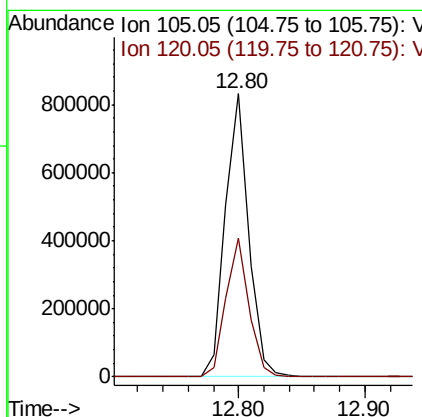
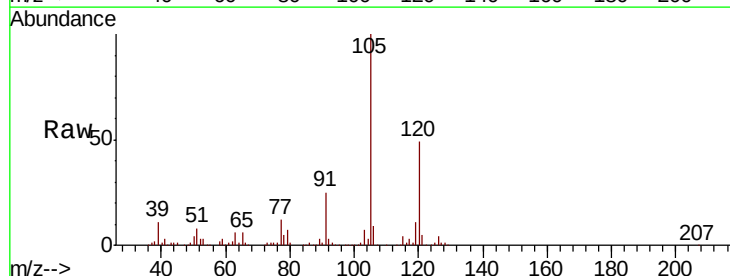
Instrument :  
 MSVOA\_D  
 ClientSampled :

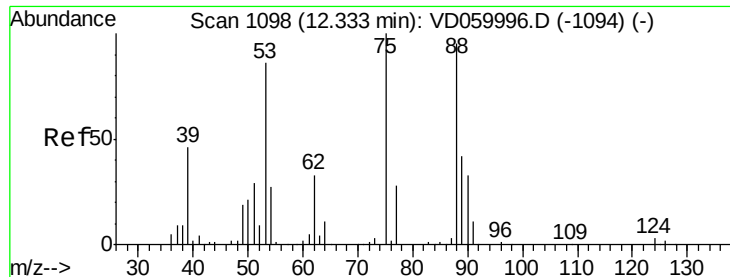
Tot Ion: 91 Resp: 910390  
 Ion Ratio Lower Upper  
 91 100  
 126 33.8 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.76 ug/l  
 RT: 12.80 min Scan# 1146  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion:105 Resp: 1058878  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.4 73.2

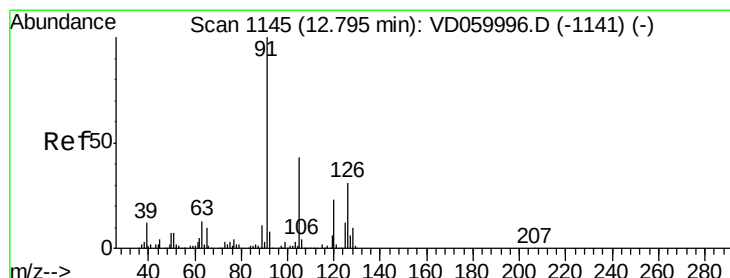
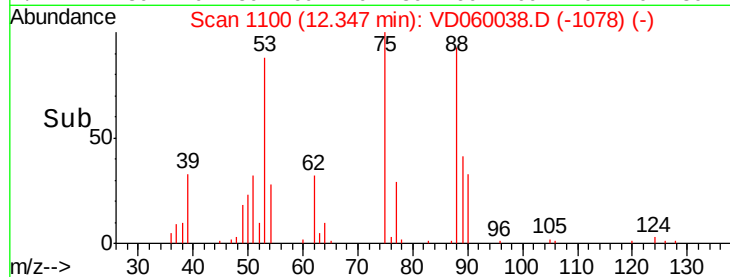
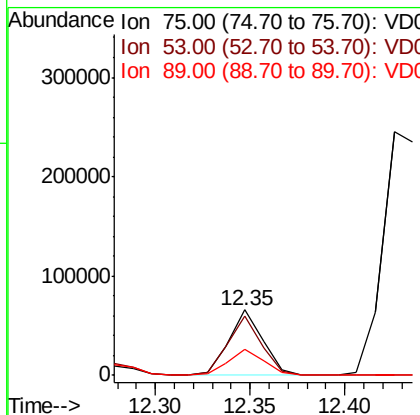
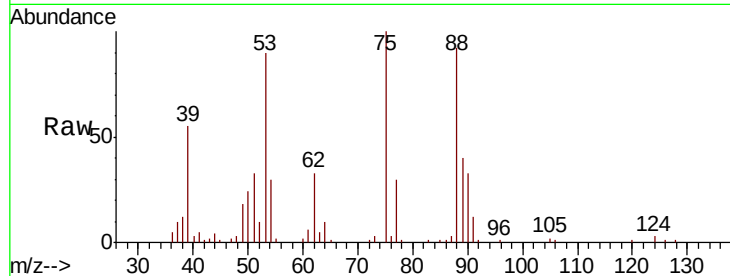




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.63 ug/l  
RT: 12.35 min Scan# 1100  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

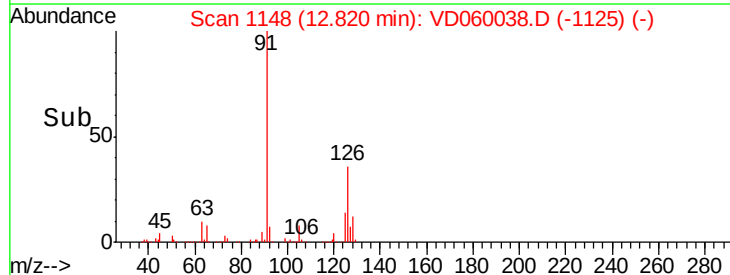
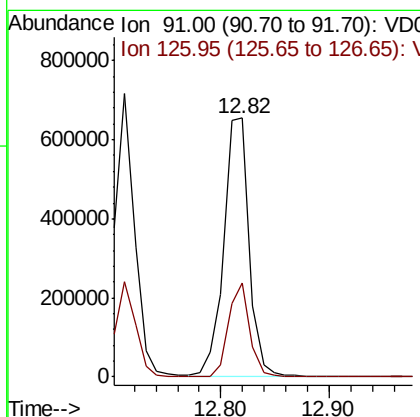
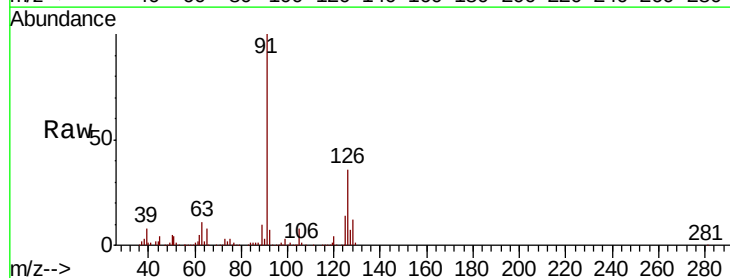
Instrument :  
MSVOA\_D  
ClientSampleId :

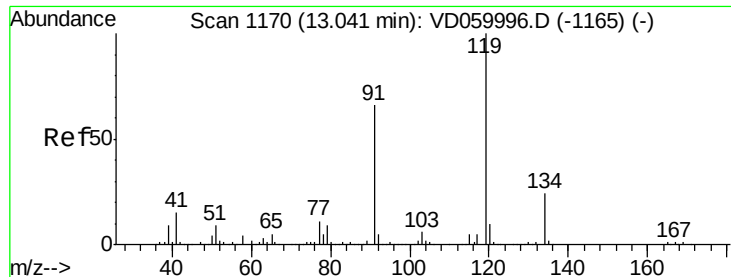
Tot Ion: 75 Resp: 83156  
Ion Ratio Lower Upper  
75 100  
53 89.6 68.4 102.6  
89 40.4 33.8 50.6



#82  
4-Chlorotoluene  
Concen: 21.48 ug/l  
RT: 12.82 min Scan# 1148  
Delta R.T. 0.02 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 91 Resp: 1064201  
Ion Ratio Lower Upper  
91 100  
126 36.4 15.4 46.1

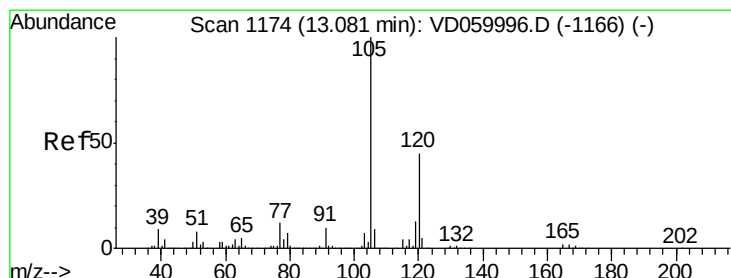
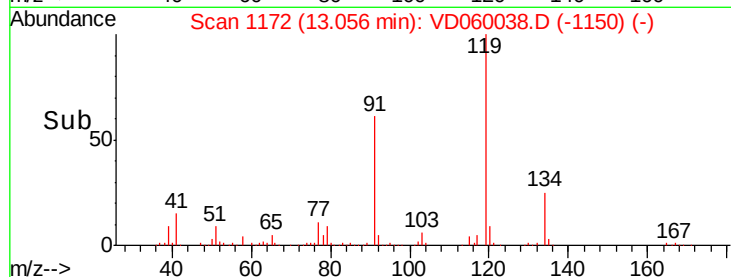
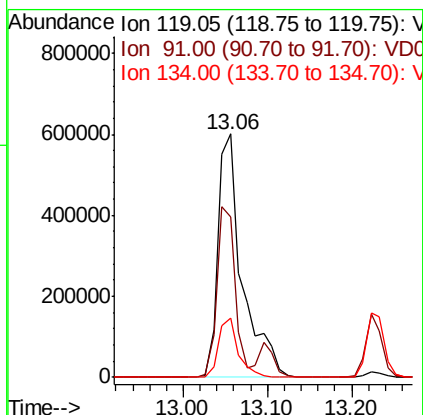
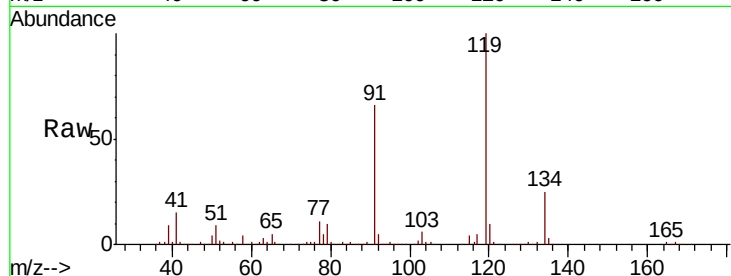




#83  
 tert-Butylbenzene  
 Concen: 21.36 ug/l  
 RT: 13.06 min Scan# 1172  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

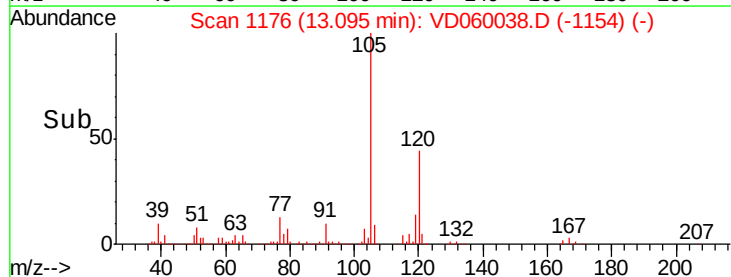
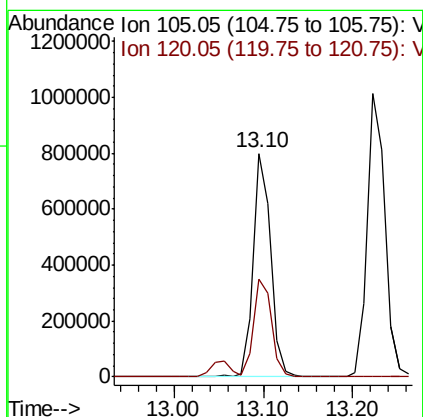
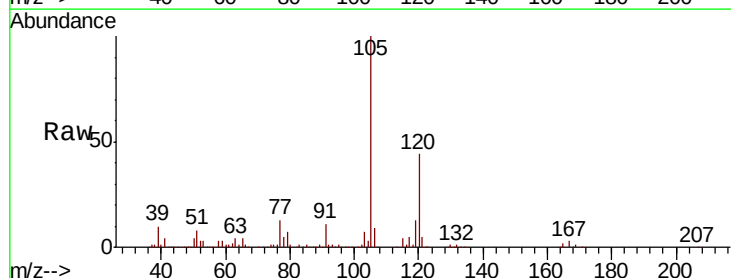
Instrument :  
 MSVOA\_D  
 ClientSampleId :

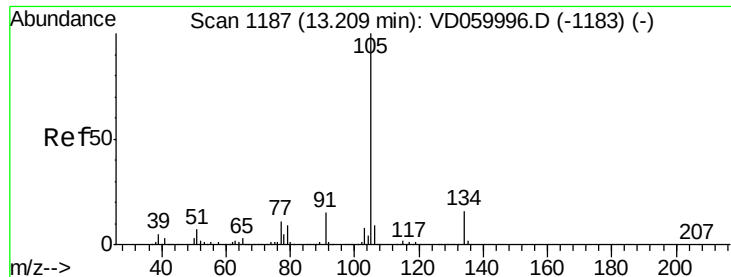
Tot Ion:119 Resp: 1204092  
 Ion Ratio Lower Upper  
 119 100  
 91 66.1 32.9 98.6  
 134 24.6 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.71 ug/l  
 RT: 13.10 min Scan# 1176  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion:105 Resp: 1075337  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.58 ug/l

RT: 13.22 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

Instrument :

MSVOA\_D

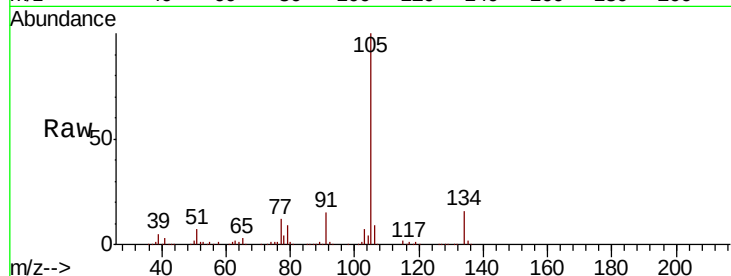
ClientSampled :

Tot Ion:105 Resp: 1377054

Ion Ratio Lower Upper

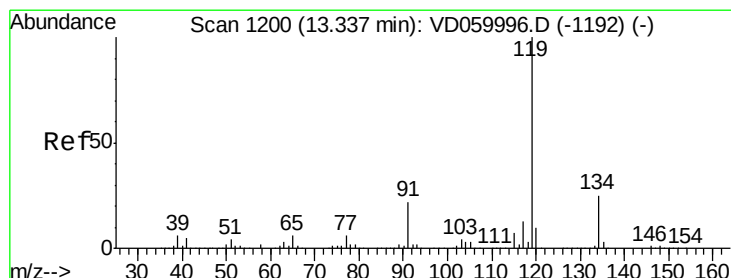
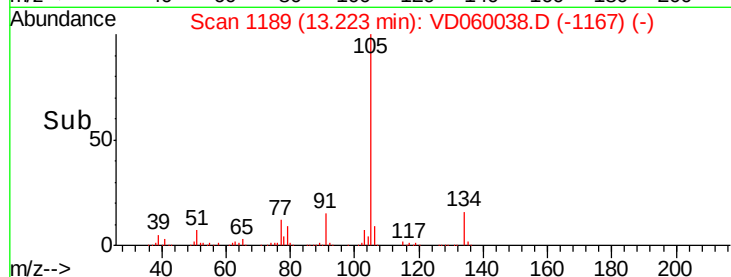
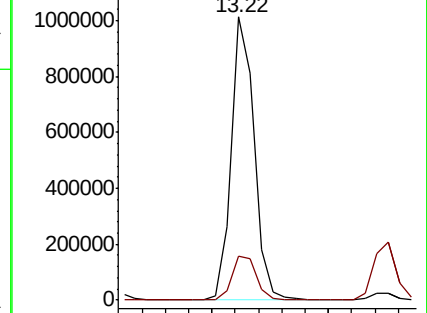
105 100

134 15.6 8.2 24.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 20.87 ug/l

RT: 13.35 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VD060038.D

Acq: 19 Sep 2018 12:03

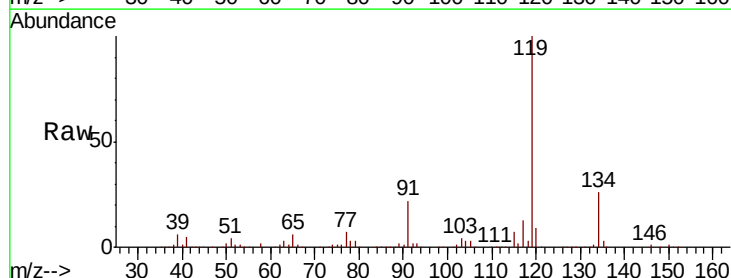
Tgt Ion:119 Resp: 1129257

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

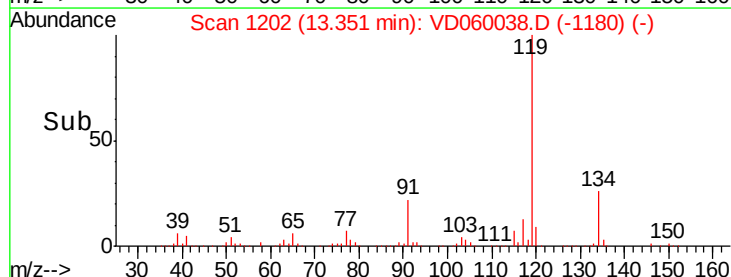
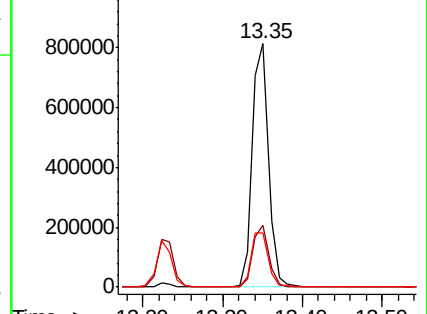
91 22.4 11.1 33.3

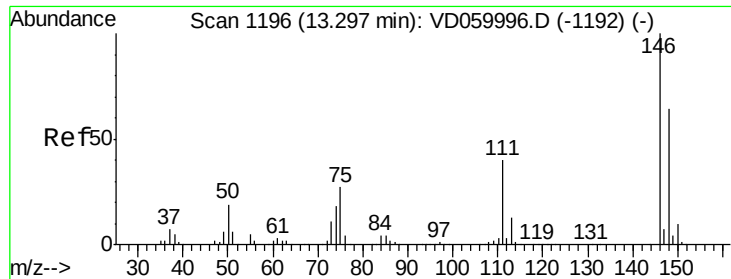


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

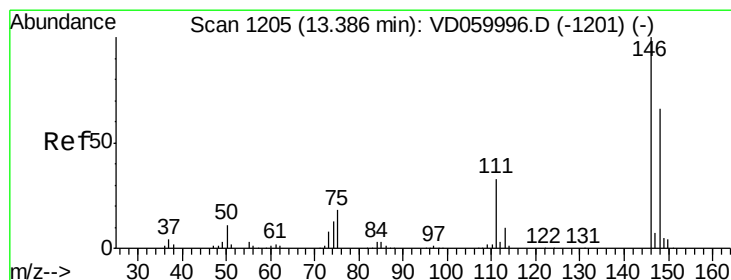
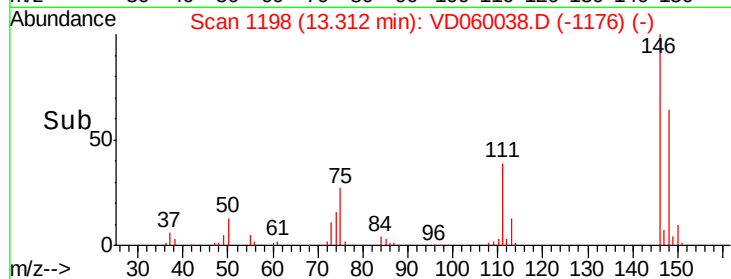
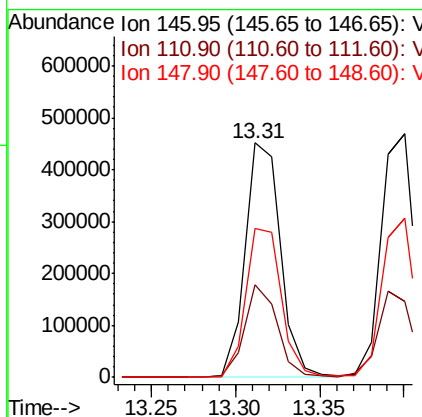
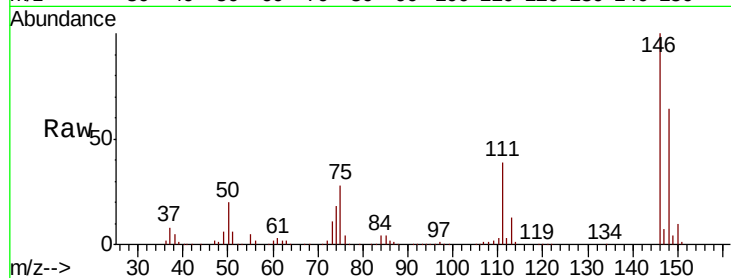




#87  
 1,3-Dichlorobenzene  
 Concen: 20.74 ug/l  
 RT: 13.31 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

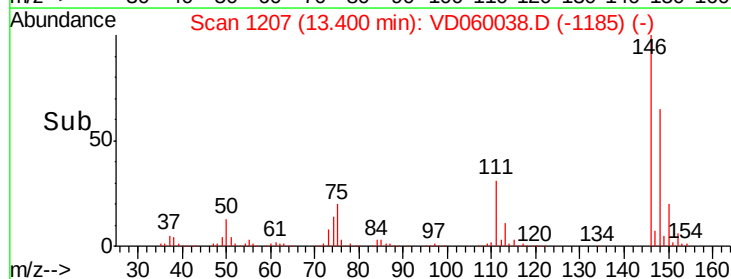
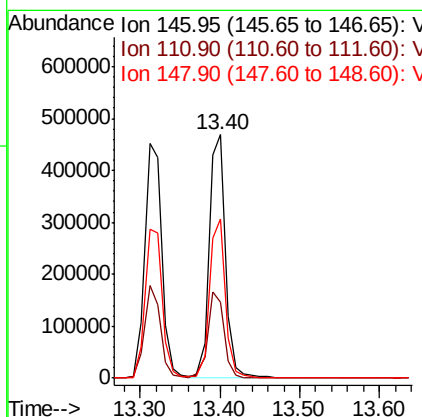
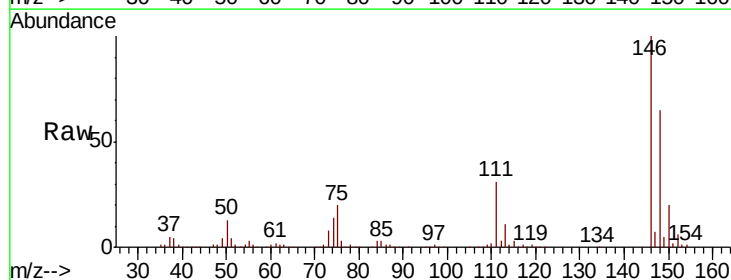
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:146 Resp: 659467  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 20.2 60.5  
 148 63.7 32.0 96.2

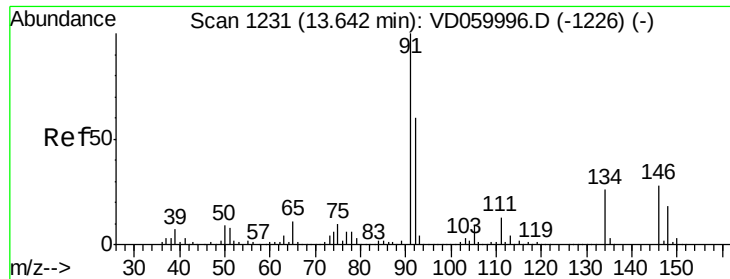


#88  
 1,4-Dichlorobenzene  
 Concen: 20.67 ug/l  
 RT: 13.40 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion:146 Resp: 666530  
 Ion Ratio Lower Upper  
 146 100  
 111 31.0 16.7 50.0  
 148 65.4 32.9 98.6



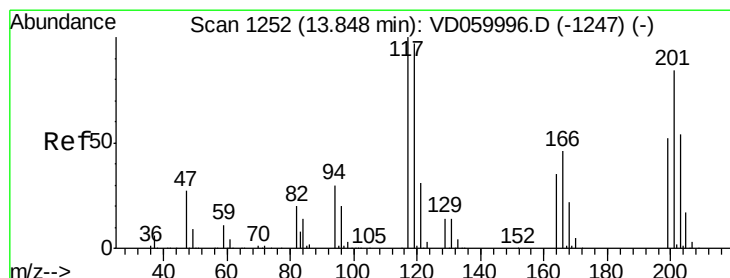
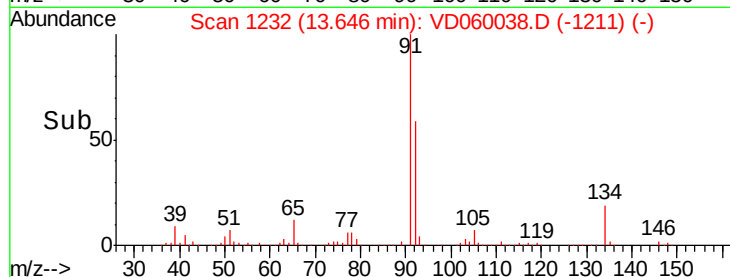
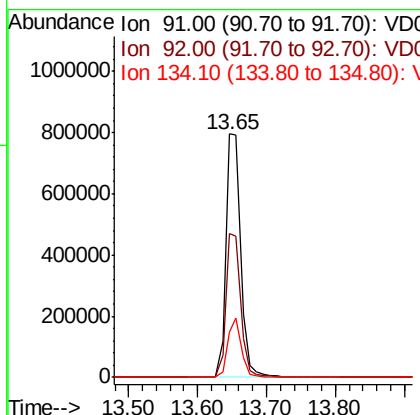
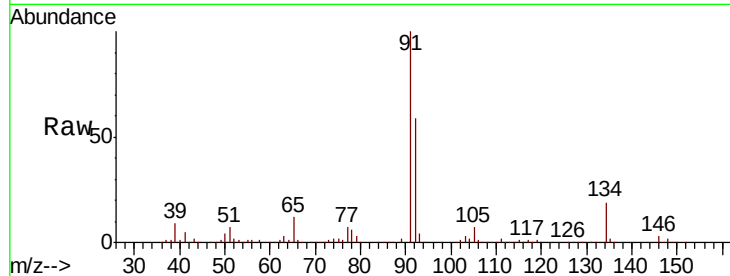




#89  
n-Butylbenzene  
Concen: 20.13 ug/l  
RT: 13.65 min Scan# 1232  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

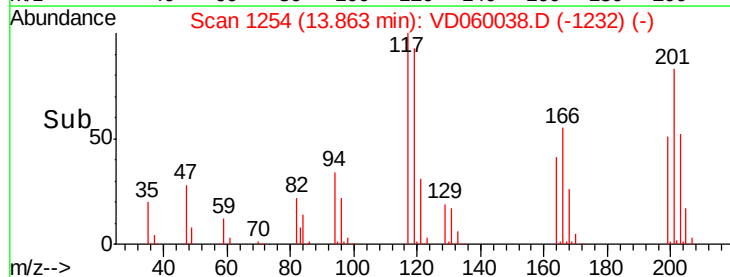
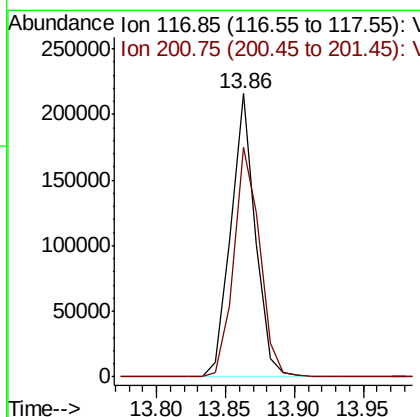
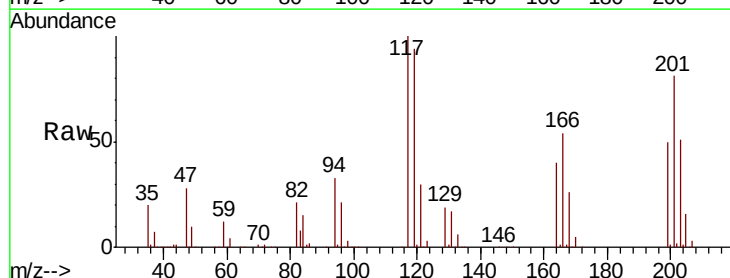
Instrument :  
MSVOA\_D  
ClientSampleId :

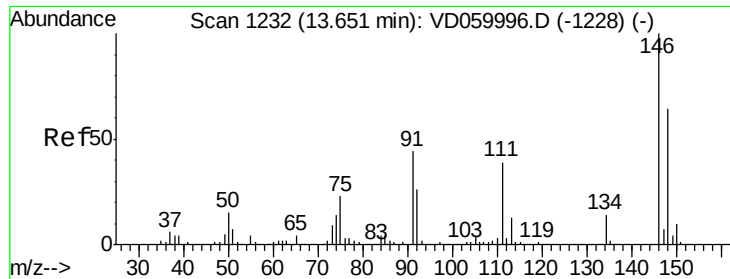
Tot Ion: 91 Resp: 1180843  
Ion Ratio Lower Upper  
91 100  
92 58.9 29.8 89.3  
134 18.8 13.2 39.6



#90  
Hexachloroethane  
Concen: 19.82 ug/l  
RT: 13.86 min Scan# 1254  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion: 117 Resp: 265618  
Ion Ratio Lower Upper  
117 100  
201 81.3 42.1 126.4

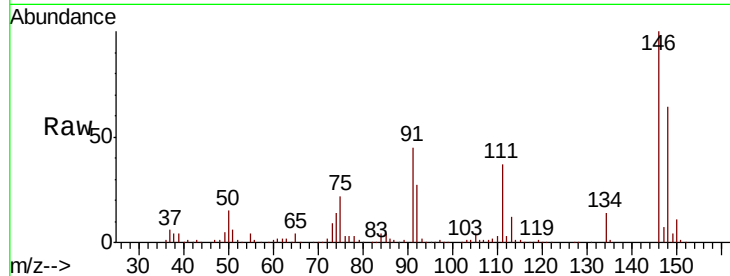




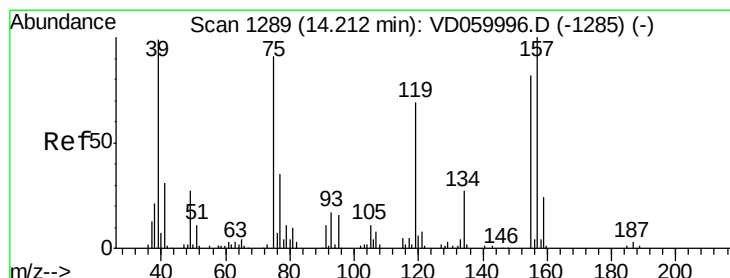
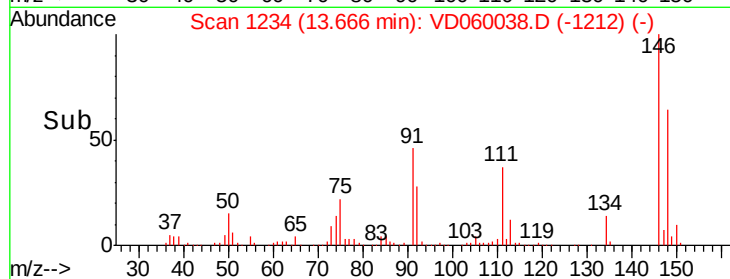
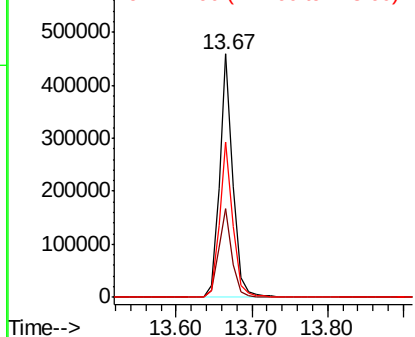
#91  
 1,2-Dichlorobenzene  
 Concen: 19.08 ug/l  
 RT: 13.67 min Scan# 1234  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:146 Resp: 566456  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 19.6 58.7  
 148 63.7 31.9 95.7

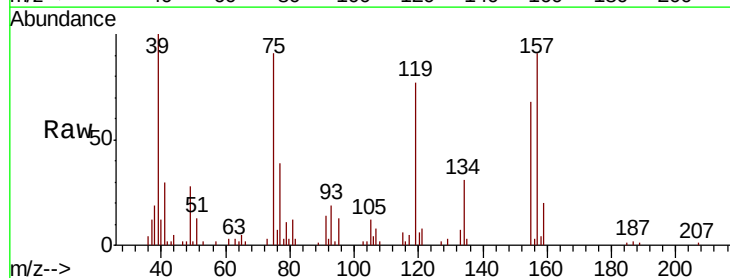


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

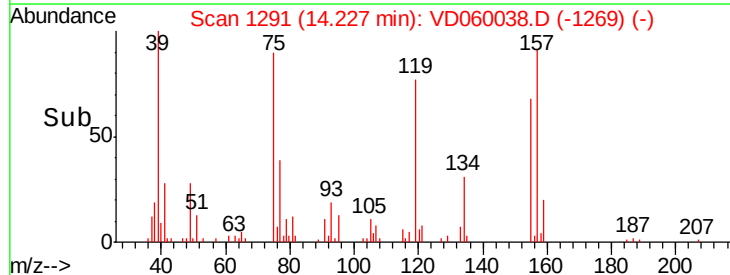
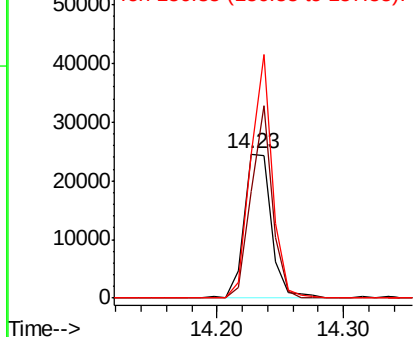


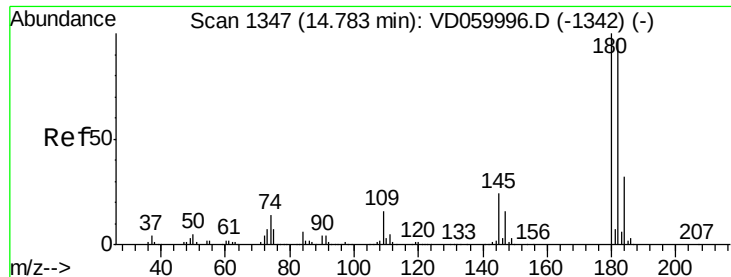
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.72 ug/l  
 RT: 14.23 min Scan# 1291  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion: 75 Resp: 36699  
 Ion Ratio Lower Upper  
 75 100  
 155 74.4 44.7 134.1  
 157 100.0 54.7 164.1



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

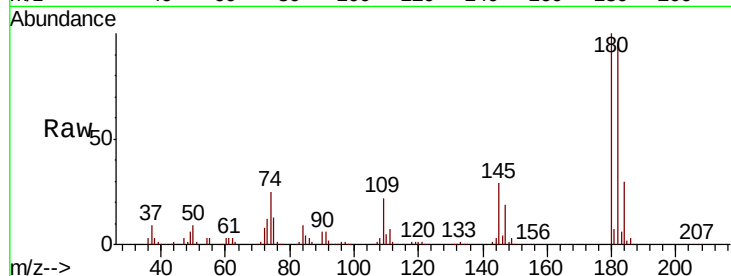




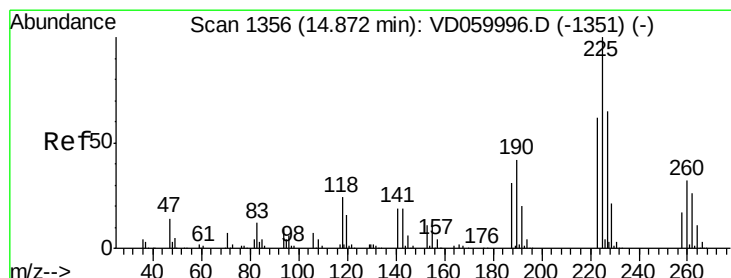
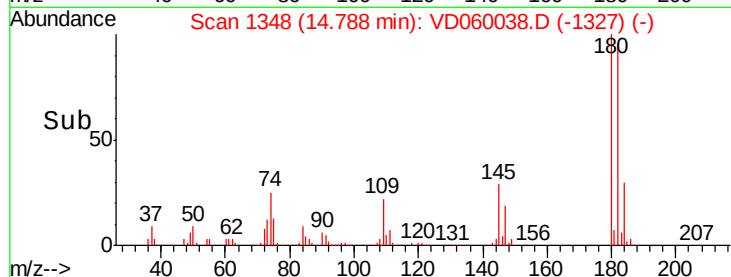
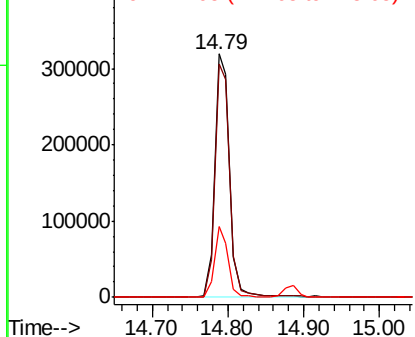
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.77 ug/l  
 RT: 14.79 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 448022  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 48.5 145.6  
 145 29.2 11.9 35.7

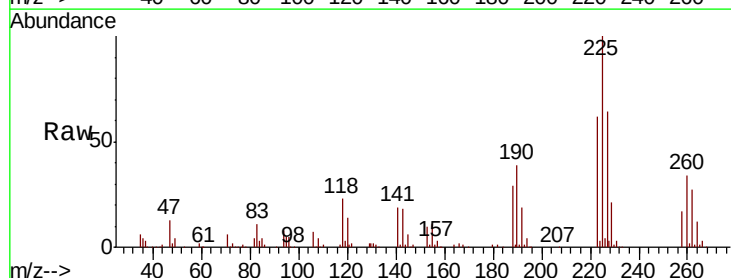


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

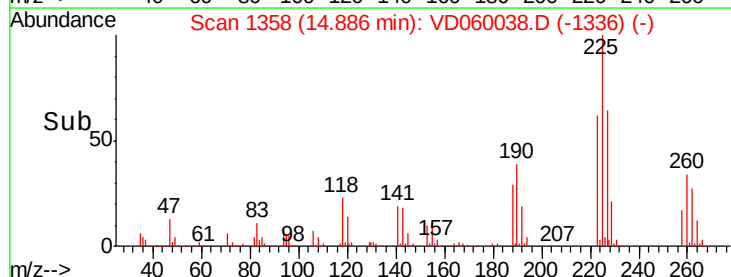
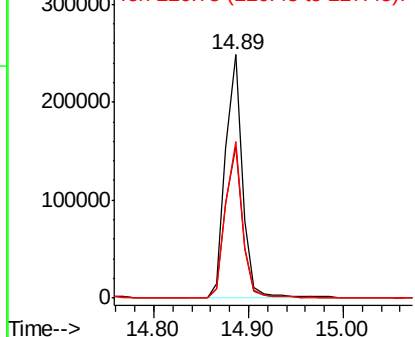


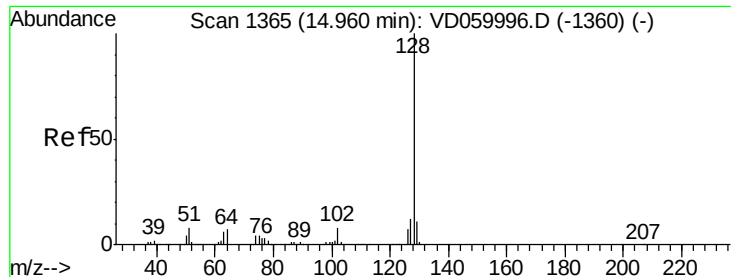
#94  
 Hexachlorobutadiene  
 Concen: 20.73 ug/l  
 RT: 14.89 min Scan# 1358  
 Delta R.T. 0.01 min  
 Lab File: VD060038.D  
 Acq: 19 Sep 2018 12:03

Tgt Ion:225 Resp: 310748  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.2 93.6  
 227 64.4 32.3 96.8



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

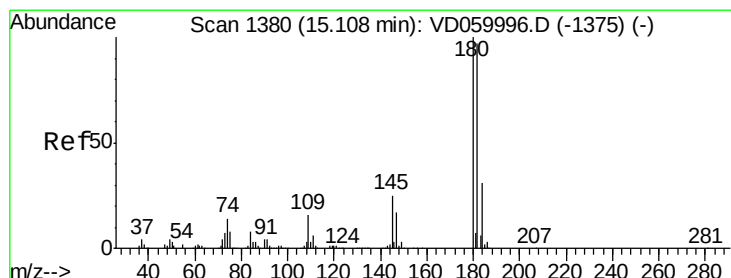
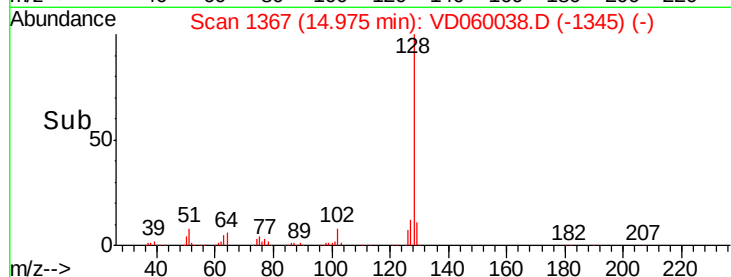
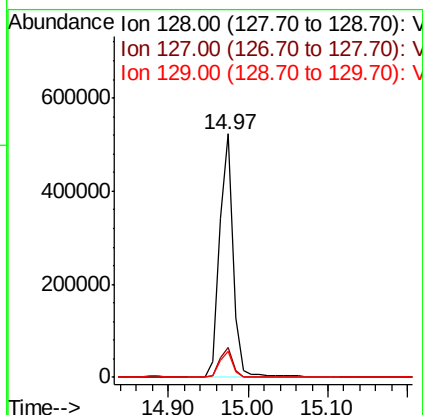
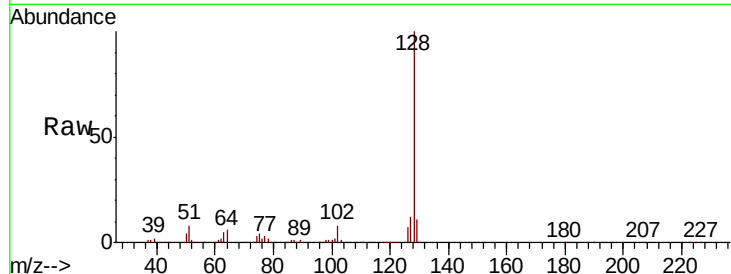




#95  
Naphthalene  
Concen: 18.20 ug/l  
RT: 14.97 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 637002  
Ion Ratio Lower Upper  
128 100  
127 12.4 9.7 14.5  
129 10.6 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 19.20 ug/l  
RT: 15.12 min Scan# 1382  
Delta R.T. 0.01 min  
Lab File: VD060038.D  
Acq: 19 Sep 2018 12:03

Tgt Ion:180 Resp: 383511  
Ion Ratio Lower Upper  
180 100  
182 97.8 48.6 145.9  
145 26.0 12.7 38.1

