

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD032719\  
 Data File : VD061350.D  
 Acq On : 27 Mar 2019 12:39  
 Operator : VA/AP  
 Sample : VSTDIC020  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 28 09:19:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:14:25 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 722433   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 1276572  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.34 | 117  | 1000877  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152  | 466306   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 7.43   | 65  | 123539   | 20.02 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 40.04% |      |
| 35) Dibromofluoromethane    | 6.90   | 113 | 190948   | 19.57 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 39.14% |      |
| 50) Toluene-d8              | 10.39  | 98  | 450343   | 19.25 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 38.50% |      |
| 62) 4-Bromofluorobenzene    | 13.54  | 95  | 171218   | 19.08 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 38.16% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 163305  | 21.166  | ug/l   | 96     |
| 3) Chloromethane              | 1.75 | 50  | 133364  | 21.195  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62  | 128019  | 22.159  | ug/l   | 98     |
| 5) Bromomethane               | 2.15 | 94  | 19475   | 16.999  | ug/l   | 93     |
| 6) Chloroethane               | 2.25 | 64  | 24684   | 14.569  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.52 | 101 | 183350  | 21.825  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.86 | 74  | 52696   | 19.482  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101 | 189172  | 20.945  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.30 | 142 | 239468  | 19.697  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.05 | 59  | 37158   | 96.683  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.12 | 96  | 166955  | 21.531  | ug/l   | 99     |
| 13) Acrolein                  | 3.02 | 56  | 37288   | 114.961 | ug/l   | 100    |
| 14) Allyl chloride            | 3.60 | 41  | 211648  | 19.569  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.17 | 53  | 131983  | 98.943  | ug/l   | 96     |
| 16) Acetone                   | 3.21 | 43  | 149832  | 94.446  | ug/l   | 97     |
| 17) Carbon Disulfide          | 3.37 | 76  | 517568  | 20.543  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.62 | 43  | 63119   | 18.923  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 4.22 | 73  | 272191  | 20.278  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.80 | 84  | 196533  | 21.001  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.20 | 96  | 171547  | 20.491  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.10 | 45  | 492341  | 21.512  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.03 | 43  | 1283787 | 103.263 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.96 | 63  | 269923  | 20.068  | ug/l   | 99     |
| 25) 2-Butanone                | 6.04 | 43  | 194178  | 97.303  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.00 | 77  | 207199  | 19.378  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.01 | 96  | 182921  | 19.942  | ug/l   | 93     |
| 28) Bromochloromethane        | 6.41 | 49  | 108463  | 19.976  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 6.43 | 42  | 91606   | 94.707  | ug/l   | 99     |
| 30) Chloroform                | 6.64 | 83  | 279661  | 20.122  | ug/l   | 99     |
| 31) Cyclohexane               | 6.93 | 56  | 225615  | 21.226  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 6.84 | 97  | 258152  | 21.054  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.13 | 75  | 212731  | 19.093  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.15 | 43  | 87326   | 18.327  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.09 | 117 | 252425  | 19.898  | ug/l   | 95     |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 28 09:19:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:14:25 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.84  | 83   | 226656   | 19.533  | ug/l   | 96       |
| 40) Benzene                    | 7.43  | 78   | 590482   | 21.117  | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.42  | 41   | 103689   | 18.611  | ug/l # | 95       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 163259   | 19.519  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 9.21  | 43   | 138538   | 19.982  | ug/l   | 99       |
| 44) Trichloroethene            | 8.52  | 130  | 199478   | 19.169  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 8.91  | 63   | 143013   | 20.170  | ug/l   | 96       |
| 46) Dibromomethane             | 9.04  | 93   | 93920    | 19.680  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.35  | 83   | 221097   | 20.641  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.10  | 41   | 77895    | 20.358  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.05  | 88   | 16605    | 393.456 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 414723   | 98.323  | ug/l   | 96       |
| 52) Toluene                    | 10.48 | 92   | 327625   | 19.205  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.89 | 75   | 192544   | 19.785  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.01 | 75   | 235665   | 19.887  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 11.16 | 97   | 115342   | 19.333  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 125352   | 19.559  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 182256   | 20.784  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.83  | 63   | 305931   | 98.018  | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.51 | 43   | 306485   | 100.288 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.67 | 129  | 179382   | 19.504  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.78 | 107  | 143296   | 20.743  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.23 | 164  | 158671   | 20.200  | ug/l   | 98       |
| 65) Chlorobenzene              | 12.37 | 112  | 409048   | 19.998  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.49 | 131  | 167198   | 21.111  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.50 | 91   | 656387   | 21.024  | ug/l   | 96       |
| 68) m/p-Xylenes                | 12.65 | 106  | 534653   | 45.207  | ug/l   | 98       |
| 69) o-Xylene                   | 13.03 | 106  | 236962   | 20.647  | ug/l   | 95       |
| 70) Styrene                    | 13.05 | 104  | 426307   | 21.308  | ug/l   | 97       |
| 71) Bromoform                  | 13.22 | 173  | 99839    | 19.887  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.39 | 105  | 659891   | 20.333  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.25 | 43   | 170991   | 18.913  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.68 | 83   | 136591   | 19.951  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 13.71 | 75   | 137778   | 20.454  | ug/l   | 99       |
| 77) Bromobenzene               | 13.65 | 156  | 196566   | 20.430  | ug/l   | 86       |
| 78) n-propylbenzene            | 13.76 | 91   | 824752   | 20.766  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.82 | 91   | 412876   | 19.146  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 510996   | 19.053  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 38092    | 18.547  | ug/l # | 94       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 490793   | 20.931  | ug/l   | 92       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 626852   | 19.919  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.22 | 105  | 565356   | 20.738  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.35 | 105  | 698814   | 20.903  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 615491   | 21.772  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.44 | 146  | 322428   | 19.790  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.52 | 146  | 320415   | 20.166  | ug/l   | 95       |
| 89) n-Butylbenzene             | 14.79 | 91   | 553281   | 21.324  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.99 | 117  | 159927   | 20.025  | ug/l   | 78       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 284837   | 21.314  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 15673    | 19.519  | ug/l   | 76       |

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Operator : VA/AP  
Sample : VSTDICC020  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Quant Time: Mar 28 09:19:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 28 09:14:25 2019  
Response via : Initial Calibration

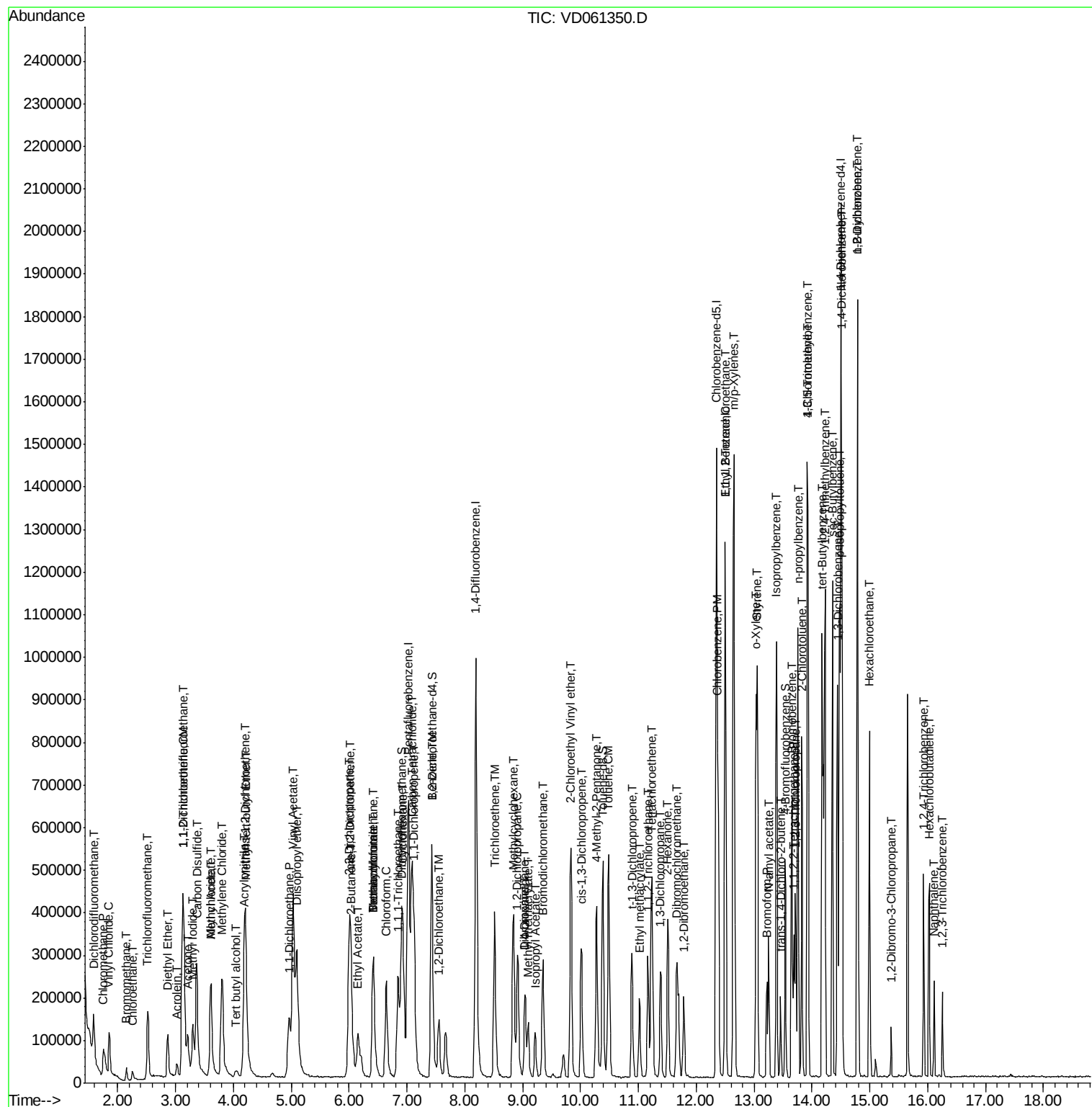
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180  | 116299   | 19.104 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 84359    | 17.733 | ug/l  | 99       |
| 95) Naphthalene            | 16.11 | 128  | 160603   | 17.307 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.25 | 180  | 50122    | 18.710 | ug/l  | 96       |

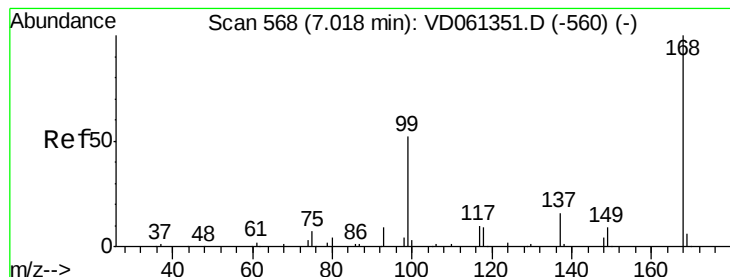
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD032719\  
 Data File : VD061350.D  
 Acq On : 27 Mar 2019 12:39  
 Operator : VA/AP  
 Sample : VSTDIC020  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 28 09:19:25 2019  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

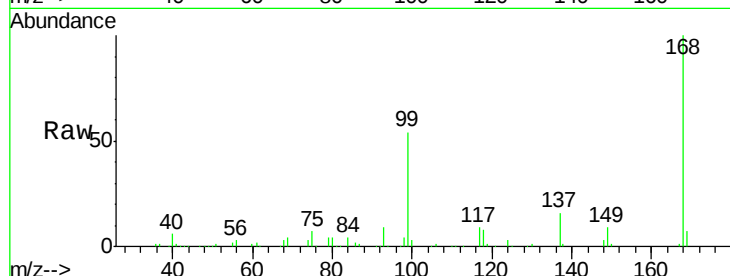
VSTDIC020

Tgt Ion:168 Resp: 722433

Ion Ratio Lower Upper

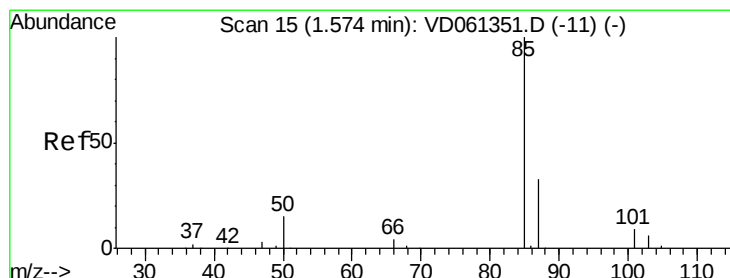
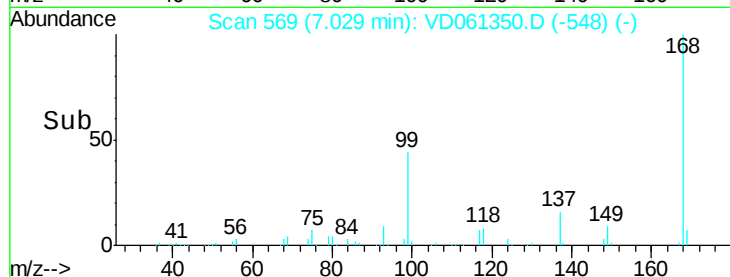
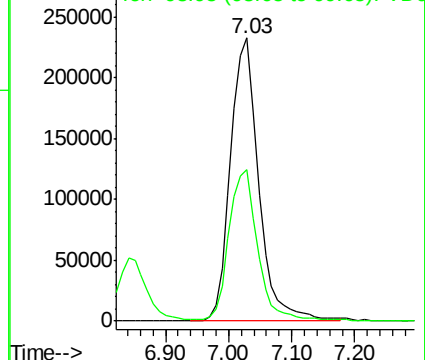
168 100

99 53.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.166 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD061350.D

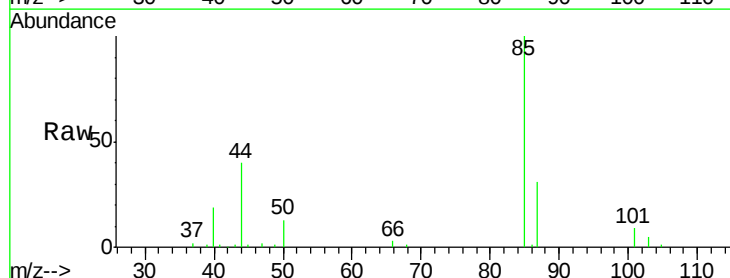
Acq: 27 Mar 2019 12:39

Tgt Ion: 85 Resp: 163305

Ion Ratio Lower Upper

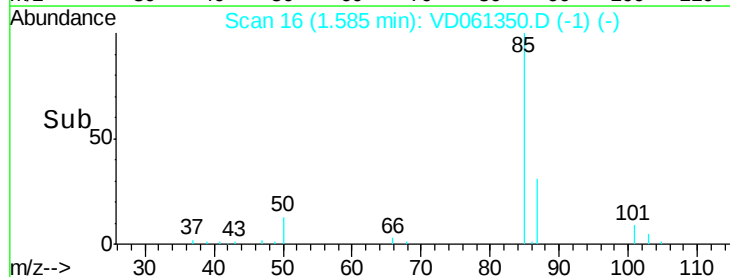
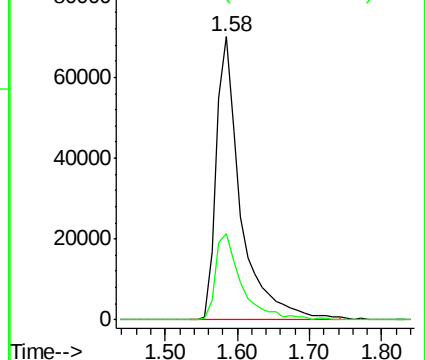
85 100

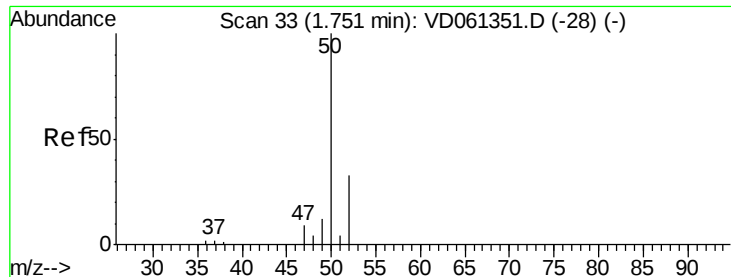
87 30.6 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.195 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

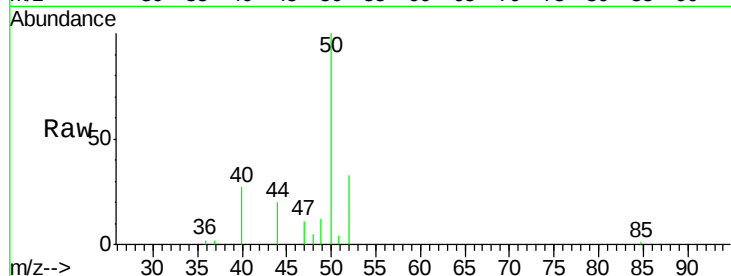
VSTDIC020

Tgt Ion: 50 Resp: 133364

Ion Ratio Lower Upper

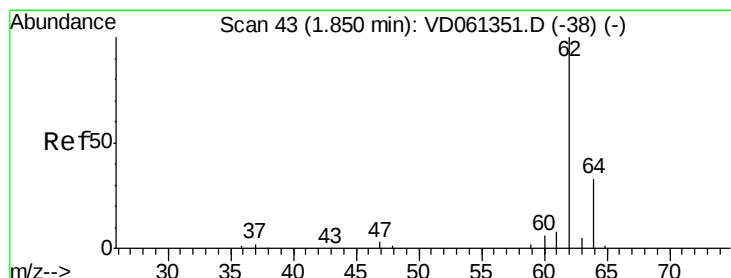
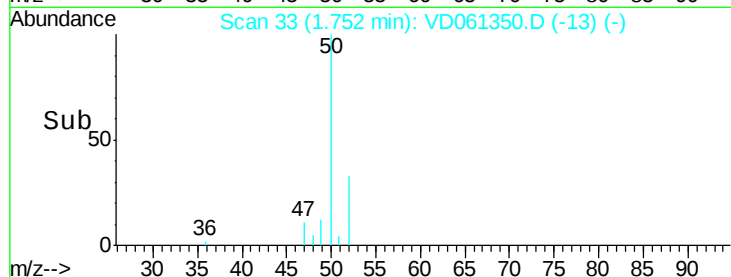
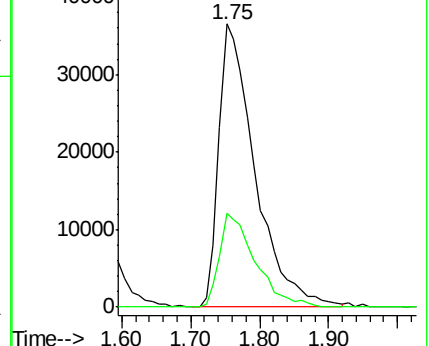
50 100

52 33.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.159 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD061350.D

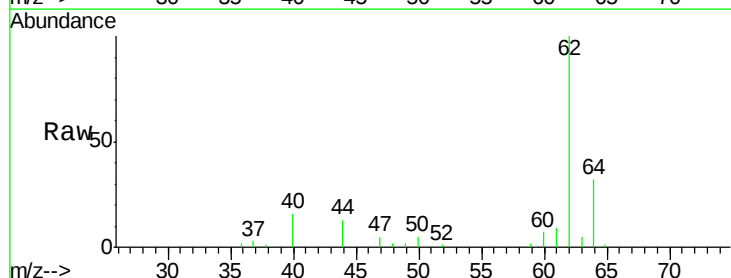
Acq: 27 Mar 2019 12:39

Tgt Ion: 62 Resp: 128019

Ion Ratio Lower Upper

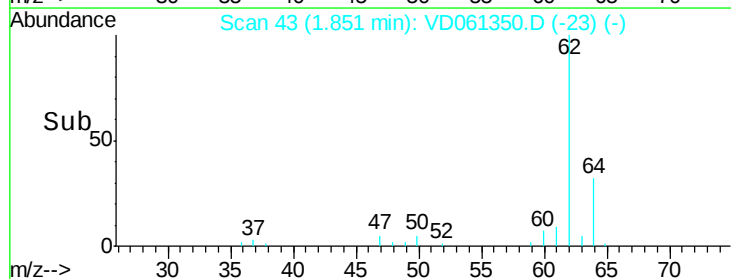
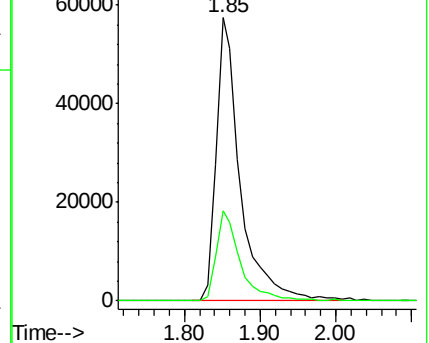
62 100

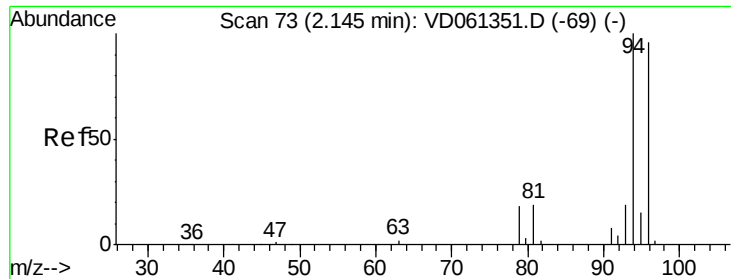
64 32.0 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.999 ug/l

RT: 2.15 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

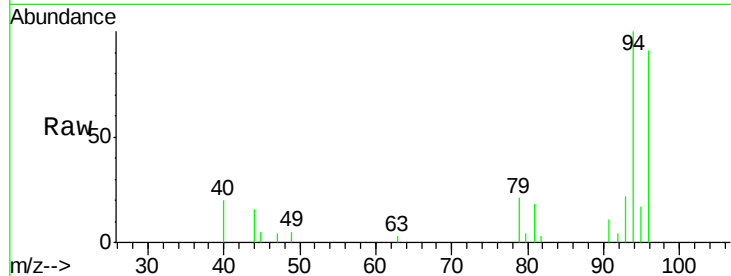
Tgt Ion: 94 Resp: 19475

Ion Ratio Lower Upper

94 100

96 90.7 78.3 117.5

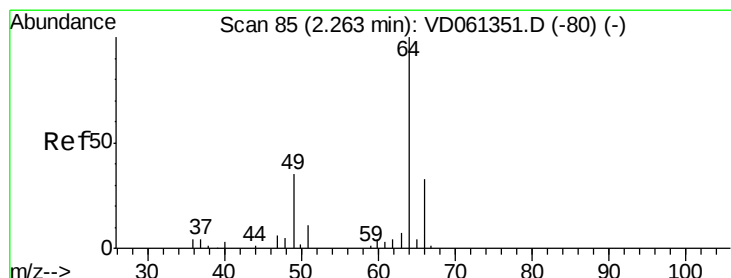
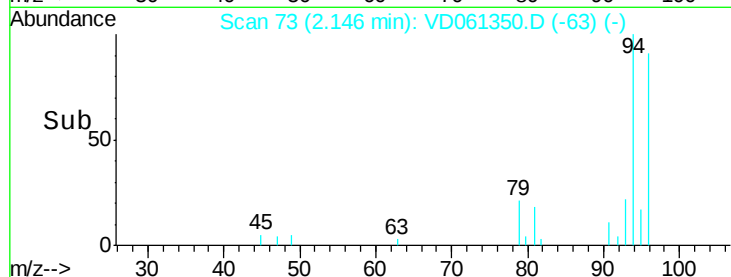
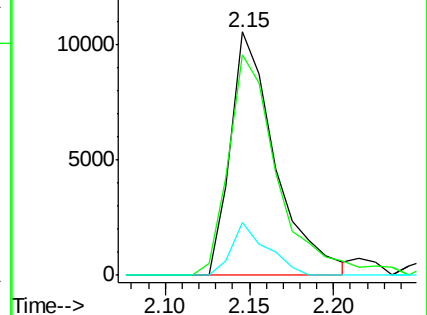
93 21.6 15.6 23.4



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 14.569 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD061350.D

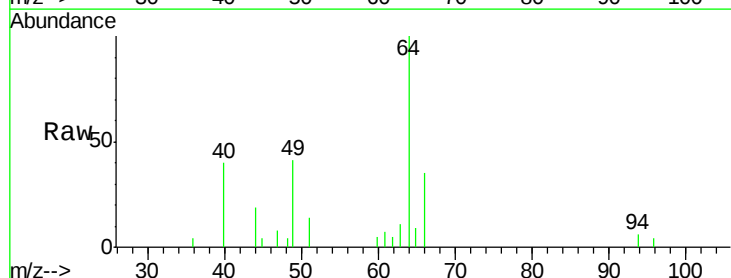
Acq: 27 Mar 2019 12:39

Tgt Ion: 64 Resp: 24684

Ion Ratio Lower Upper

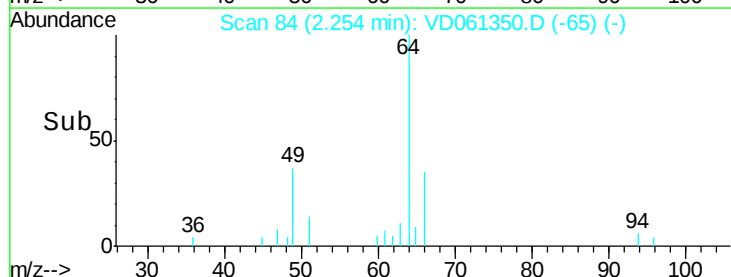
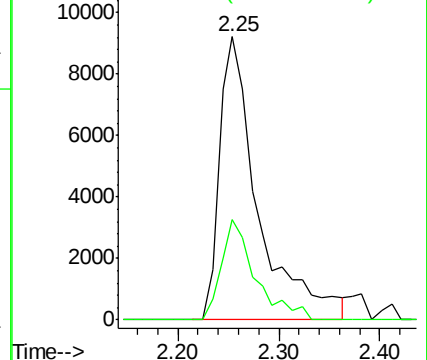
64 100

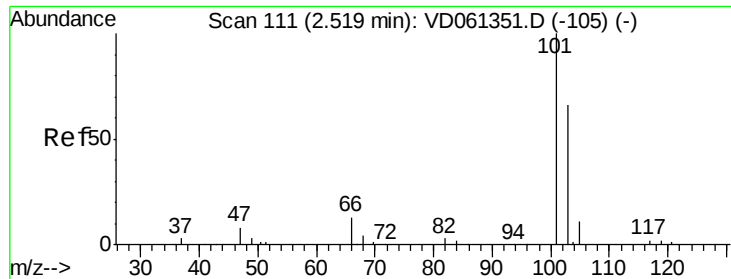
66 35.3 26.2 39.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



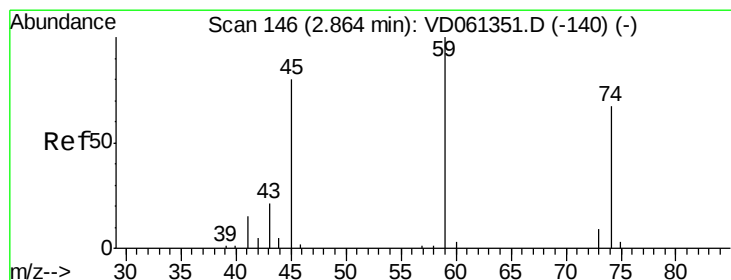
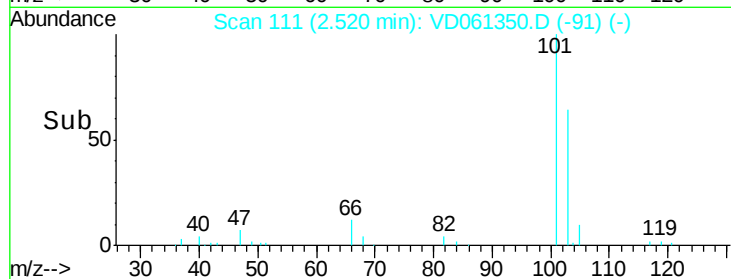
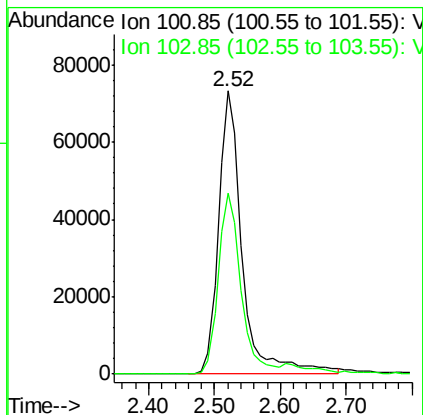
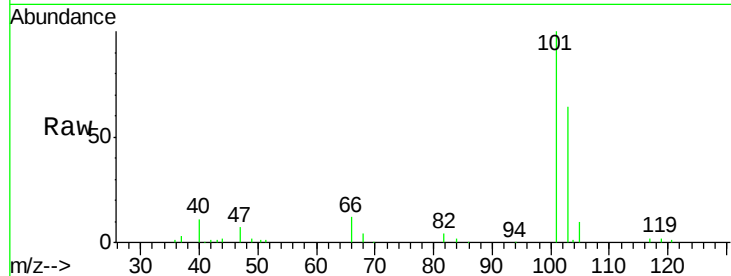


#7

Trichlorofluoromethane  
 Concen: 21.825 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

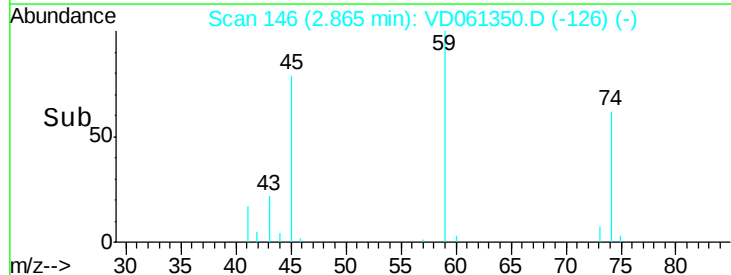
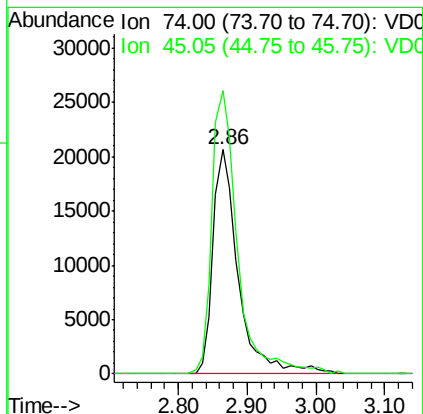
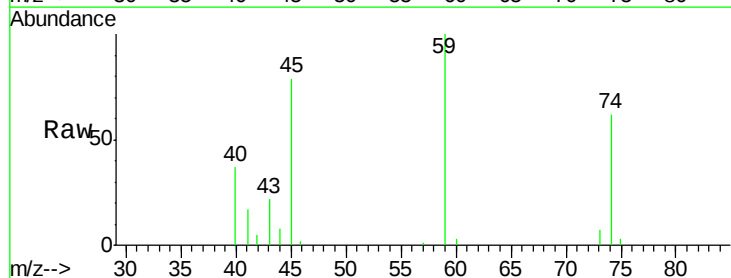
Tgt Ion: 101 Resp: 183350  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 53.1 79.7

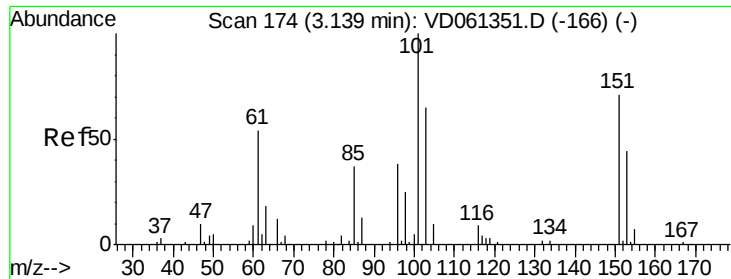


#8

Diethyl Ether  
 Concen: 19.482 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 74 Resp: 52696  
 Ion Ratio Lower Upper  
 74 100  
 45 126.4 59.7 179.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.945 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

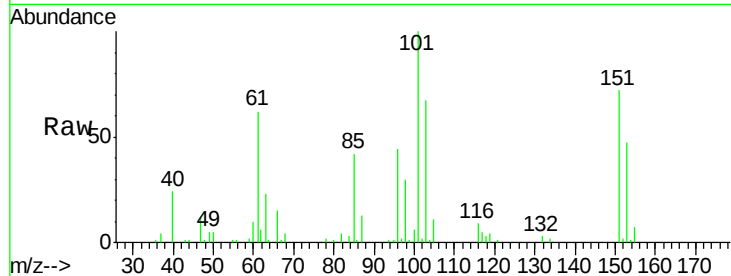
Tgt Ion:101 Resp: 189172

Ion Ratio Lower Upper

101 100

85 41.5 29.4 44.0

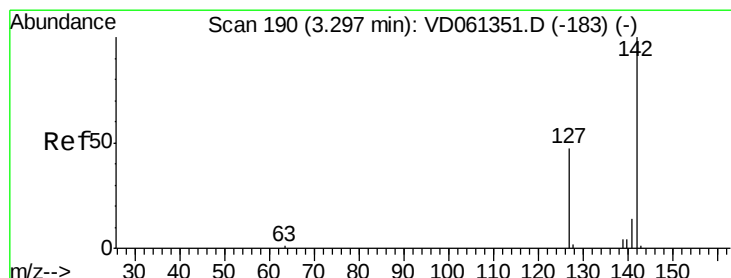
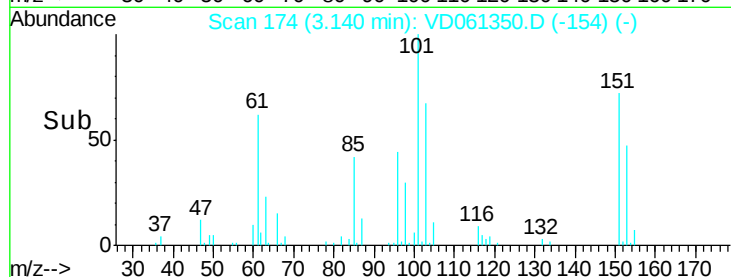
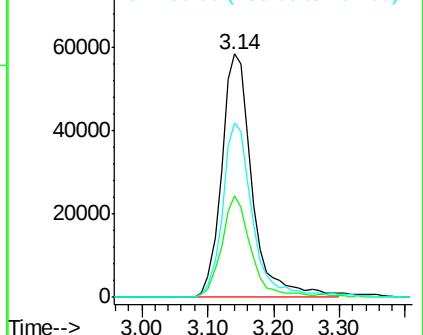
151 71.7 57.0 85.4



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: 19.697 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

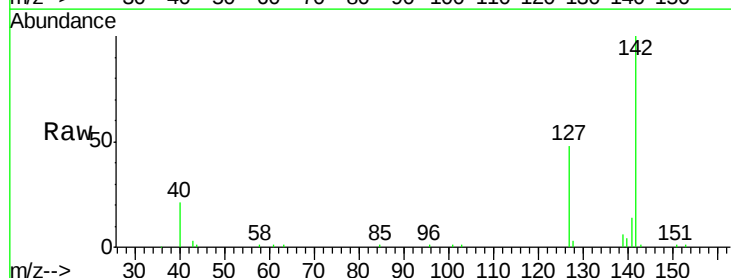
Tgt Ion:142 Resp: 239468

Ion Ratio Lower Upper

142 100

127 48.4 37.7 56.5

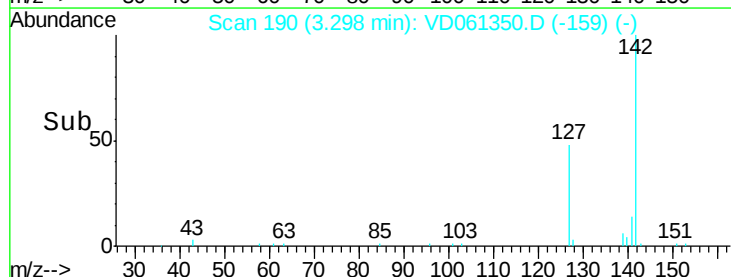
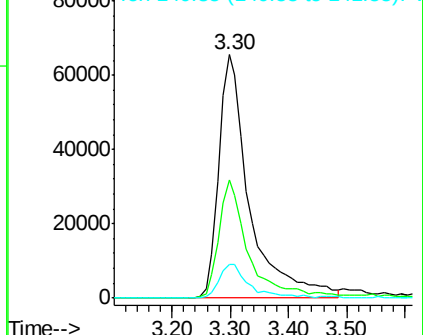
141 13.7 11.5 17.3

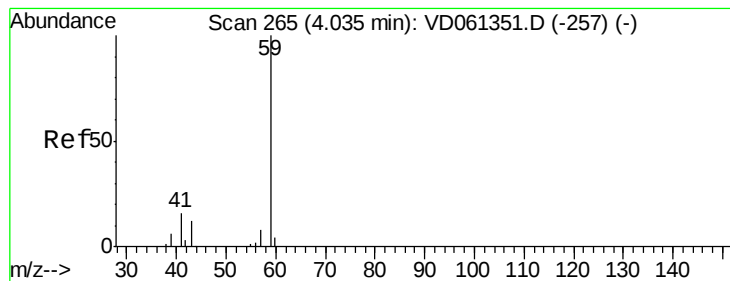


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



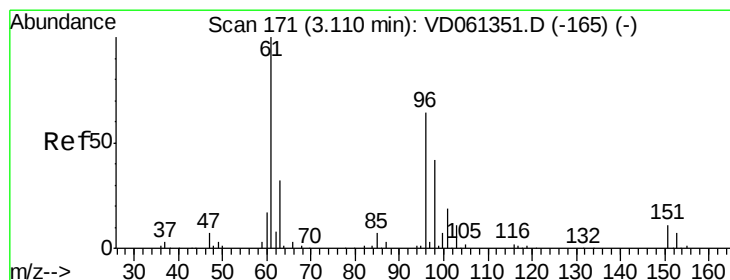
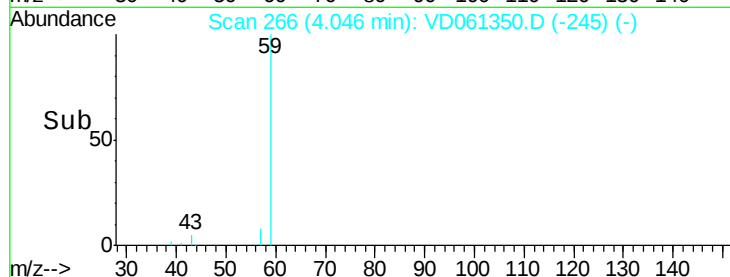
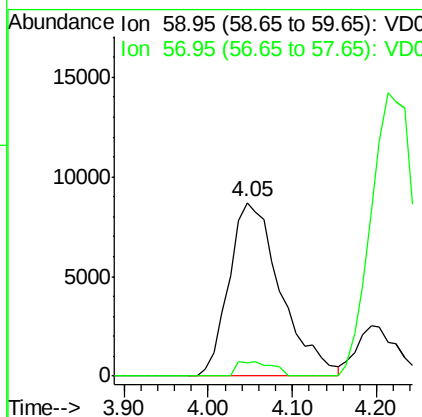
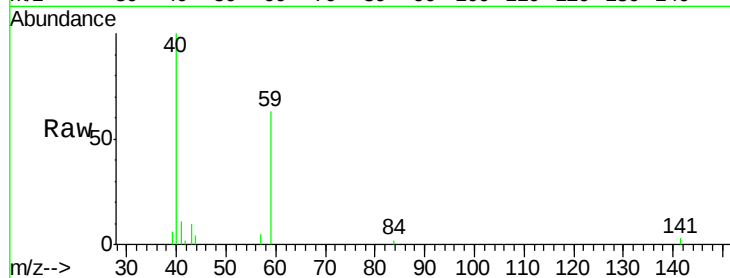


#11

Tert butyl alcohol  
Concen: 96.683 ug/l  
RT: 4.05 min Scan# 266  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

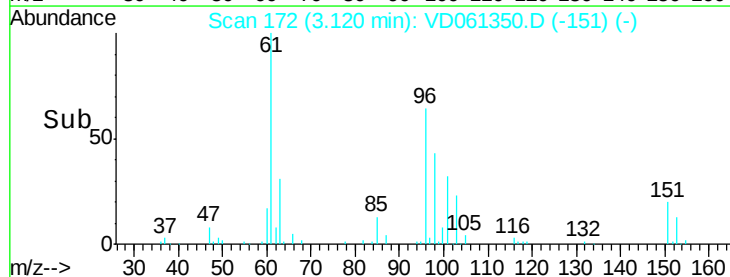
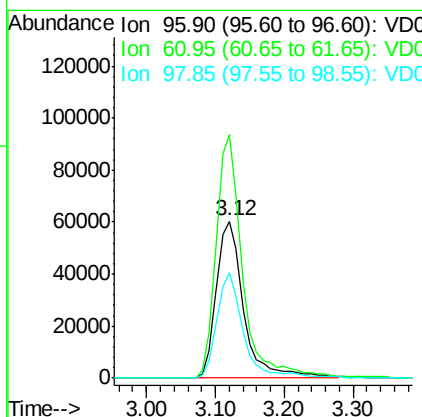
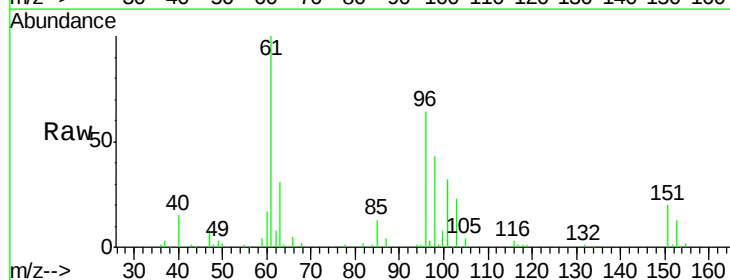
Tgt Ion: 59 Resp: 37158  
Ion Ratio Lower Upper  
59 100  
57 7.5 6.7 10.1

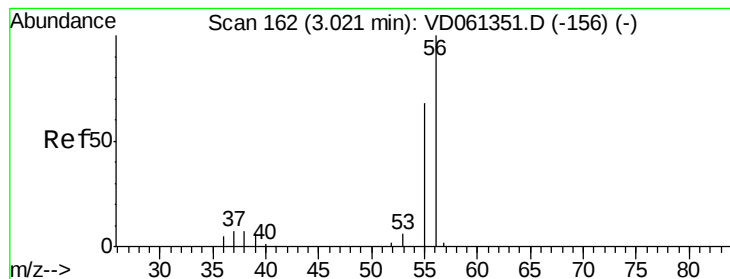


#12

1,1-Dichloroethene  
Concen: 21.531 ug/l  
RT: 3.12 min Scan# 172  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 96 Resp: 166955  
Ion Ratio Lower Upper  
96 100  
61 155.3 124.9 187.3  
98 67.4 52.5 78.7





#13

Acrolein

Concen: 114.961 ug/l

RT: 3.02 min Scan# 162

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

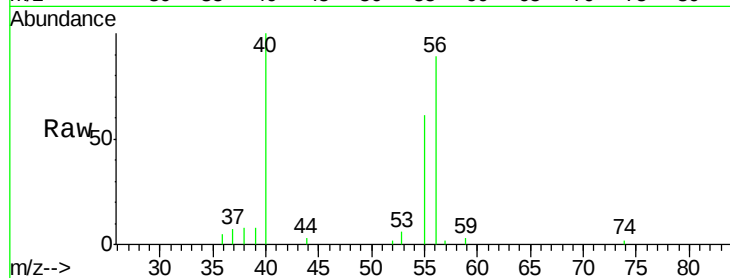
VSTDIC020

Tgt Ion: 56 Resp: 37288

Ion Ratio Lower Upper

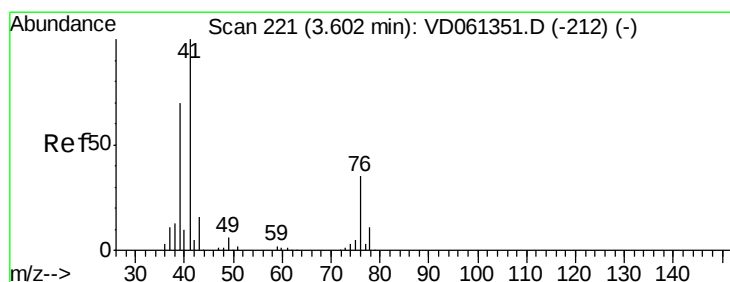
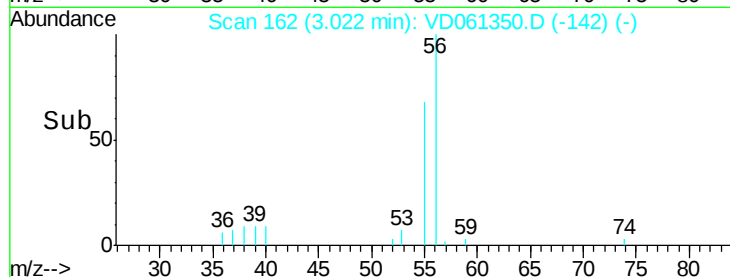
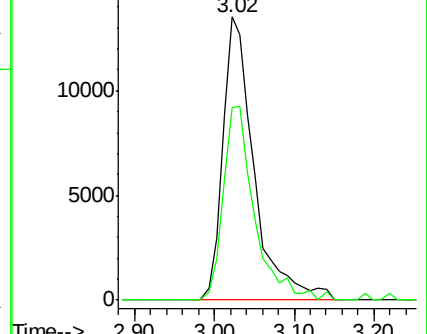
56 100

55 68.0 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.569 ug/l

RT: 3.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

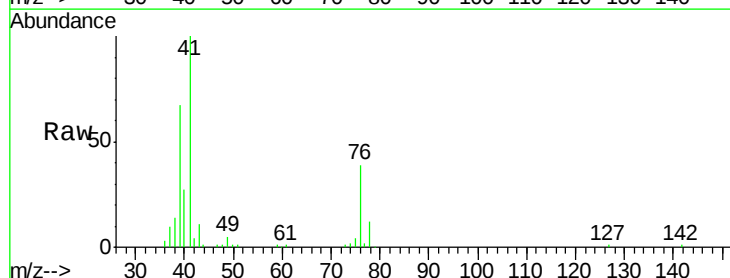
Tgt Ion: 41 Resp: 211648

Ion Ratio Lower Upper

41 100

39 66.6 55.6 83.4

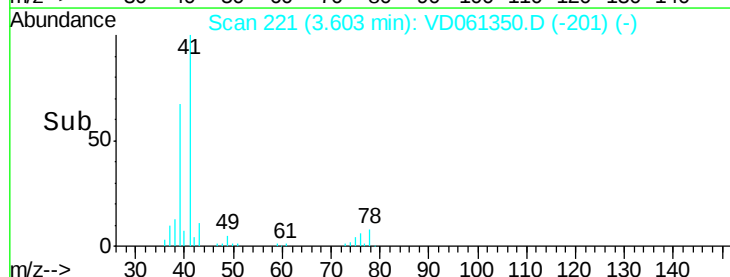
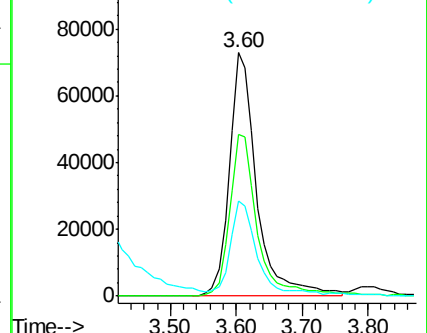
76 39.3 31.0 46.6

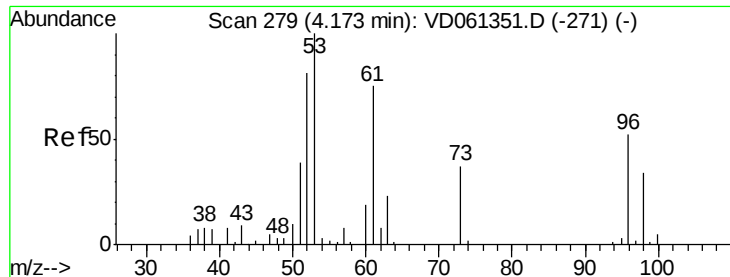


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

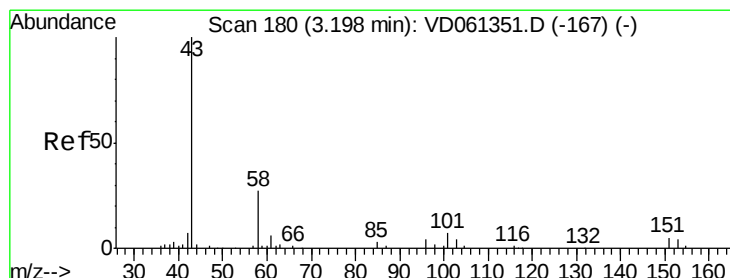
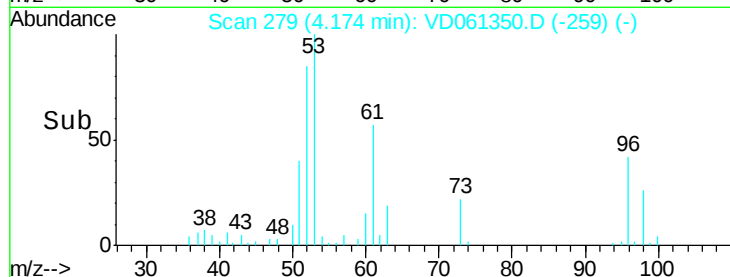
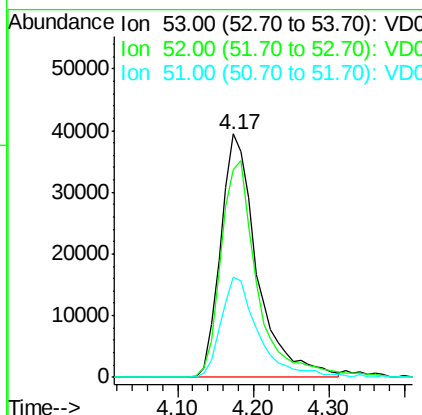
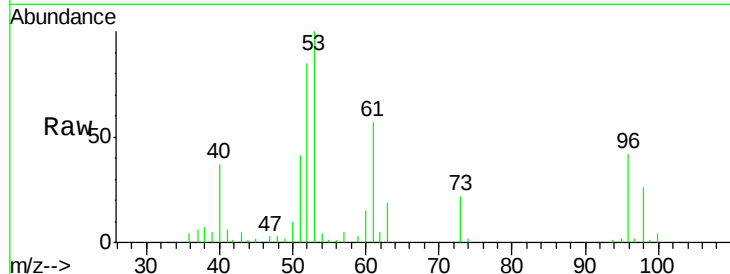




#15  
Acrylonitrile  
Concen: 98.943 ug/l  
RT: 4.17 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

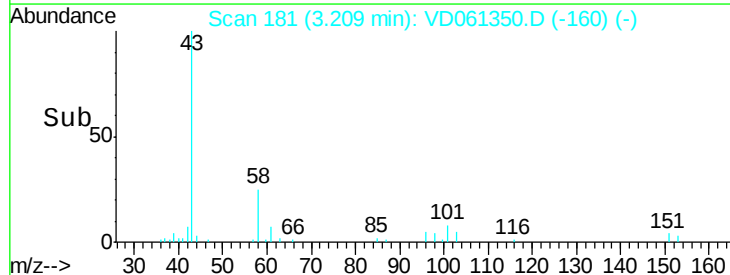
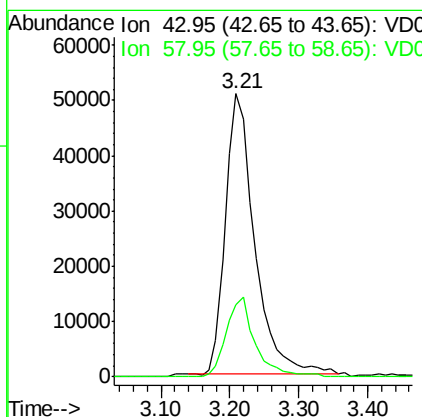
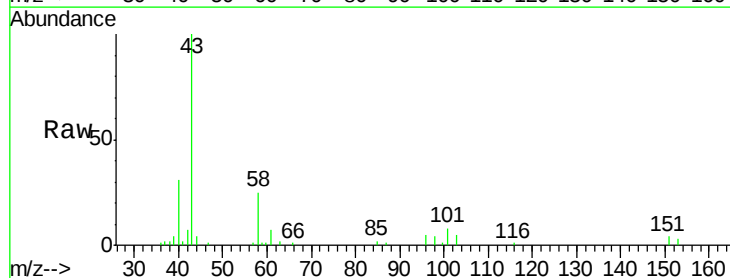
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

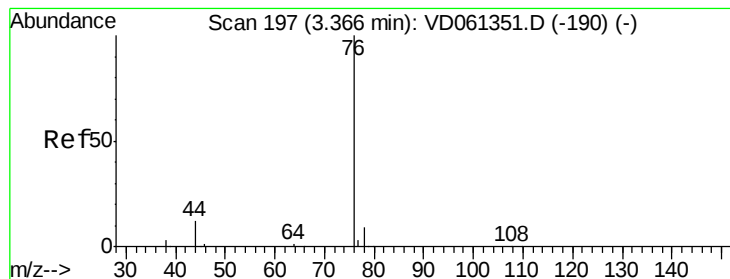
Tgt Ion: 53 Resp: 131983  
Ion Ratio Lower Upper  
53 100  
52 85.3 64.8 97.2  
51 40.9 31.4 47.2



#16  
Acetone  
Concen: 94.446 ug/l  
RT: 3.21 min Scan# 181  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 43 Resp: 149832  
Ion Ratio Lower Upper  
43 100  
58 25.3 21.5 32.3





#17

Carbon Disulfide

Concen: 20.543 ug/l

RT: 3.37 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

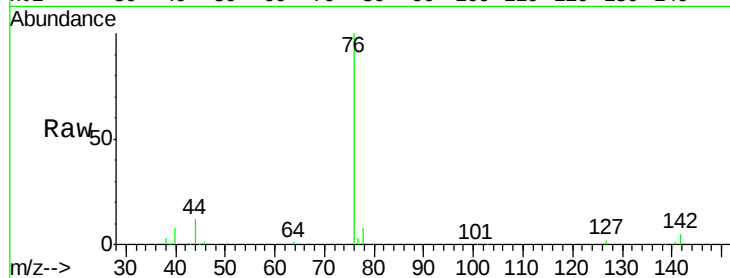
VSTDIC020

Tgt Ion: 76 Resp: 517568

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.37

200000

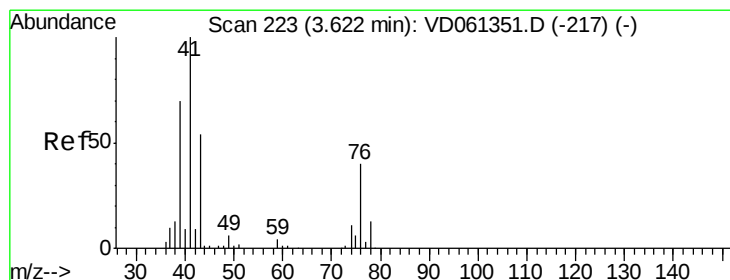
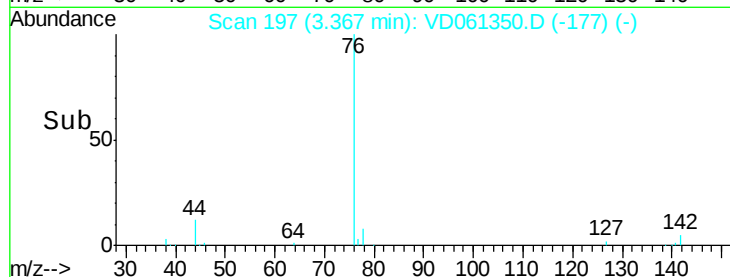
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.923 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.00 min

Lab File: VD061350.D

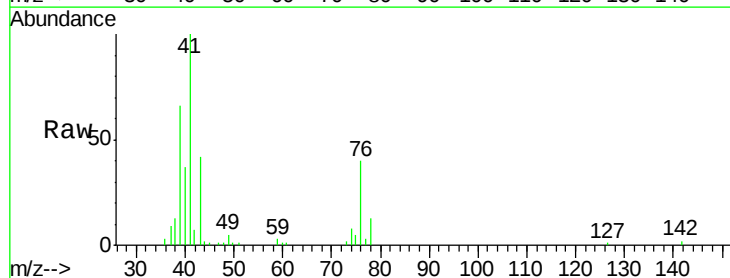
Acq: 27 Mar 2019 12:39

Tgt Ion: 43 Resp: 63119

Ion Ratio Lower Upper

43 100

74 18.7 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.62

20000

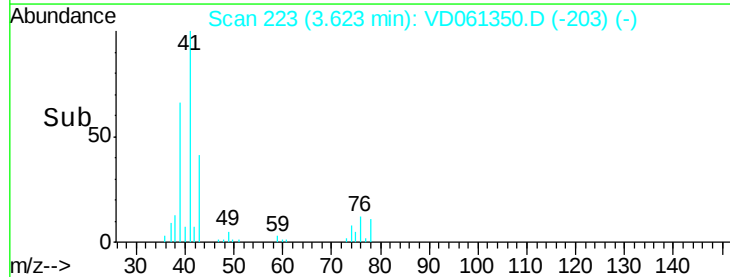
15000

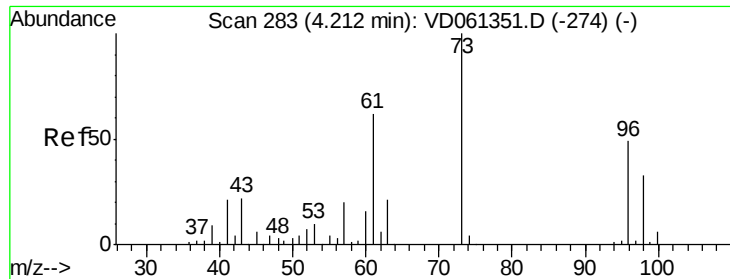
10000

5000

0

Time-->



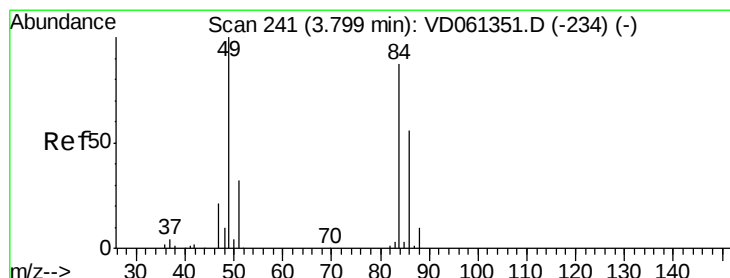
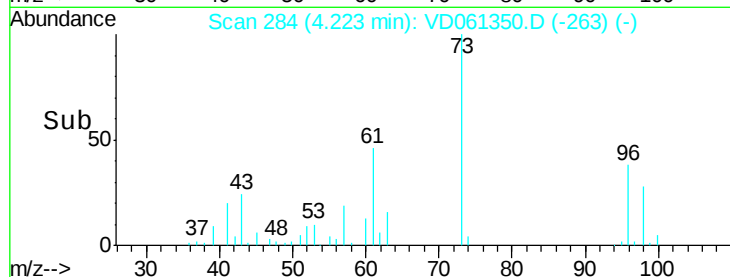
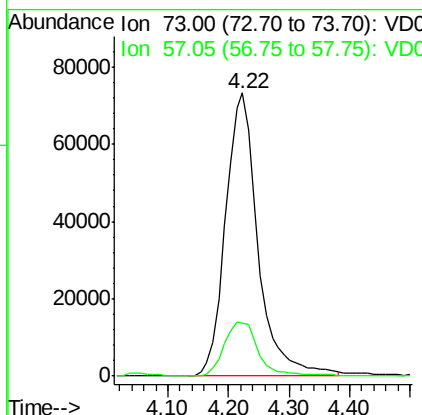
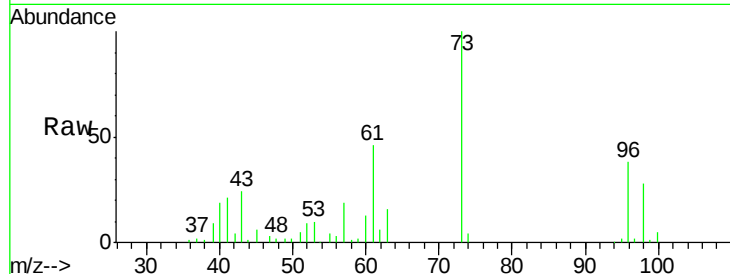


#19

Methyl tert-butyl Ether  
 Concen: 20.278 ug/l  
 RT: 4.22 min Scan# 284  
 Delta R.T. 0.01 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

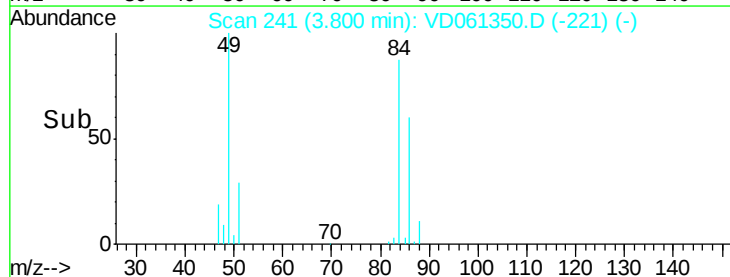
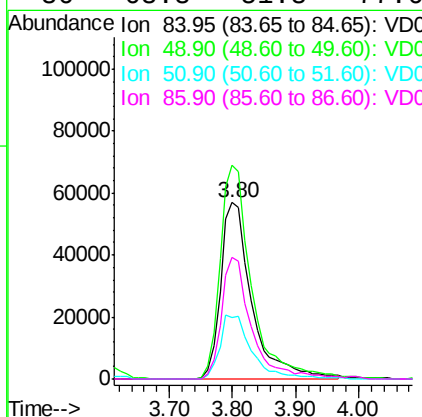
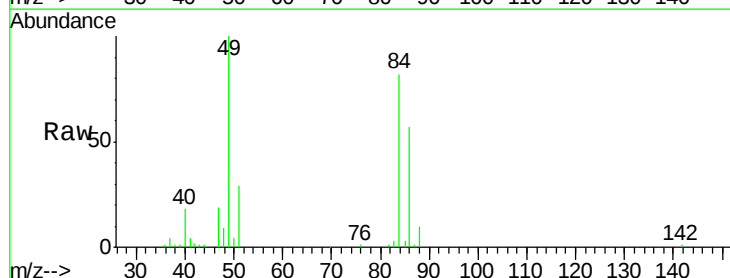
Tgt Ion: 73 Resp: 272191  
 Ion Ratio Lower Upper  
 73 100  
 57 18.8 16.4 24.6

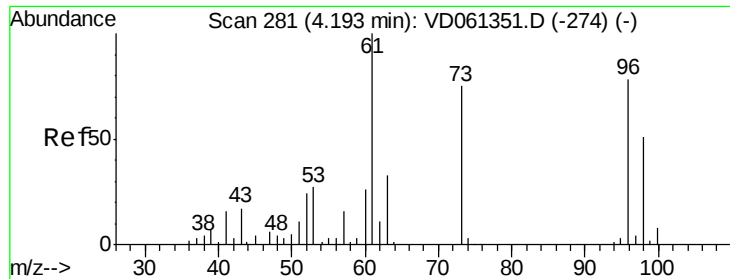


#20

Methylene Chloride  
 Concen: 21.001 ug/l  
 RT: 3.80 min Scan# 241  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 84 Resp: 196533  
 Ion Ratio Lower Upper  
 84 100  
 49 121.3 91.8 137.8  
 51 35.3 29.8 44.8  
 86 68.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.491 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

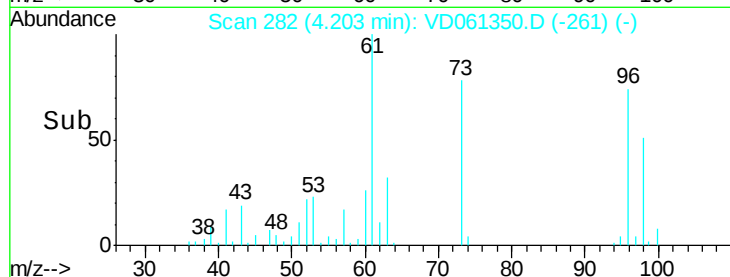
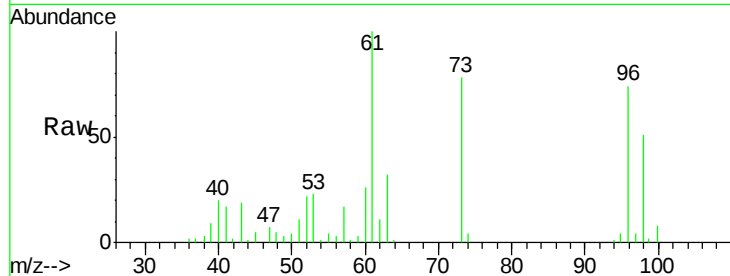
Tgt Ion: 96 Resp: 171547

Ion Ratio Lower Upper

96 100

61 134.2 102.7 154.1

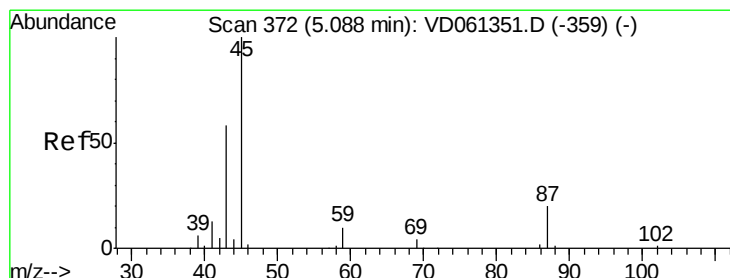
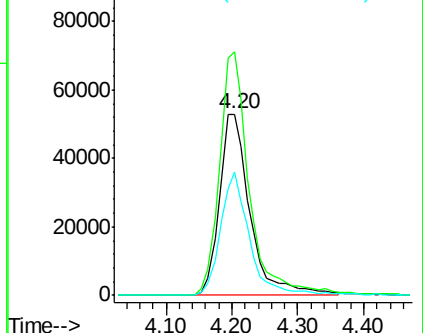
98 68.1 52.2 78.4



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



#22

Diisopropyl ether

Concen: 21.512 ug/l

RT: 5.10 min Scan# 373

Delta R.T. 0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Tgt Ion: 45 Resp: 492341

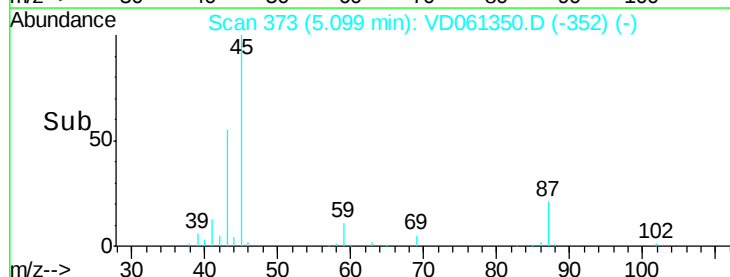
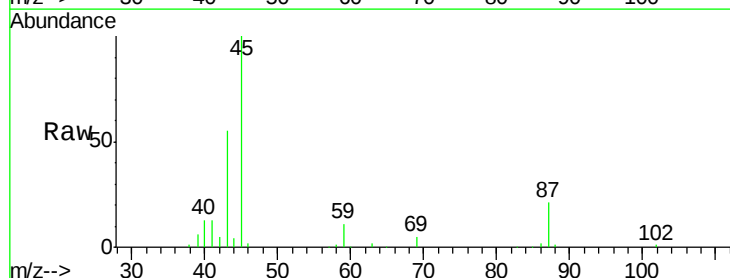
Ion Ratio Lower Upper

45 100

43 55.3 47.4 71.2

87 21.1 16.3 24.5

59 10.6 8.4 12.6

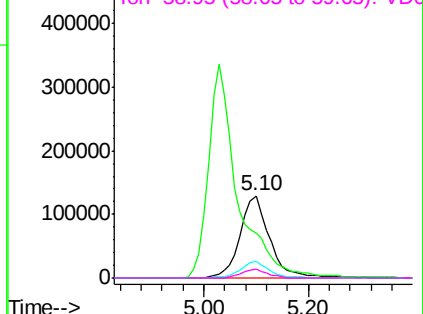


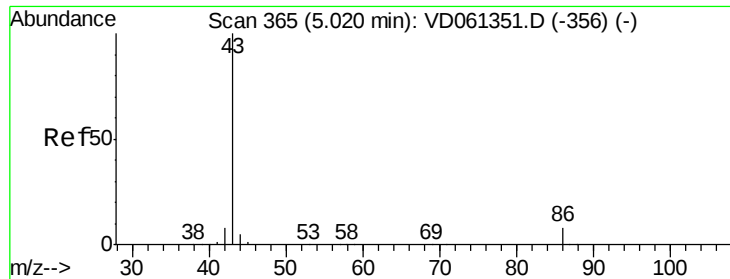
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC

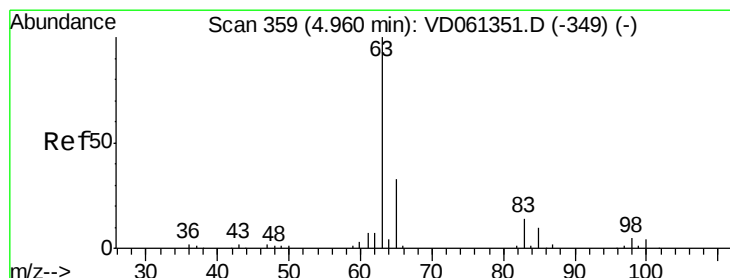
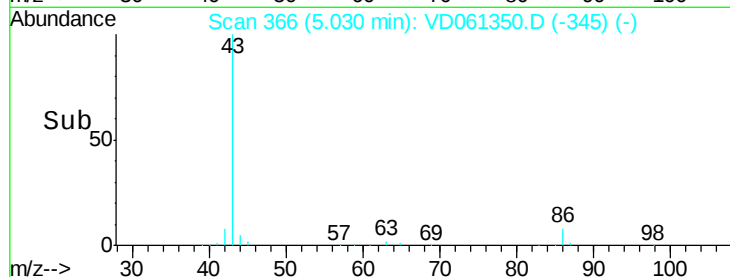
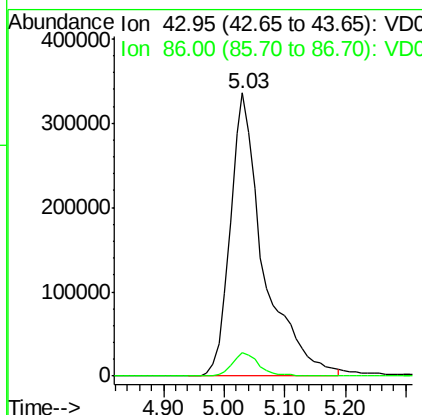
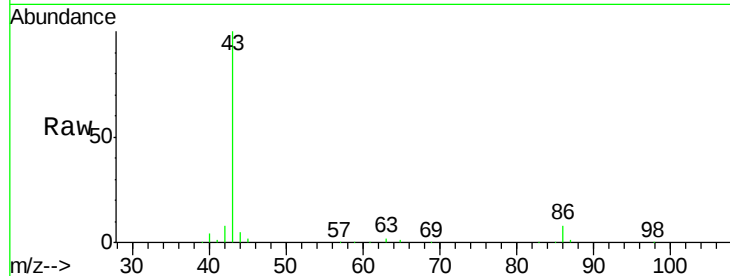




#23  
 Vinyl Acetate  
 Concen: 103.263 ug/l  
 RT: 5.03 min Scan# 366  
 Delta R.T. 0.01 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

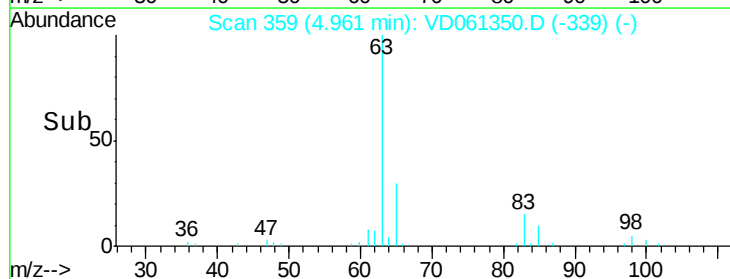
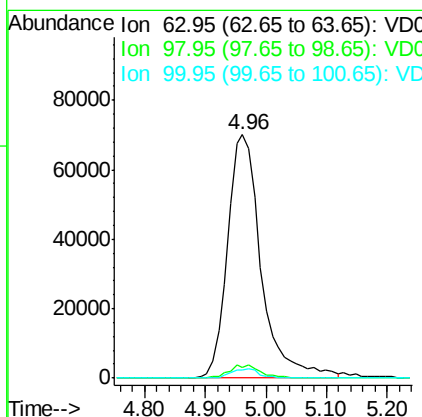
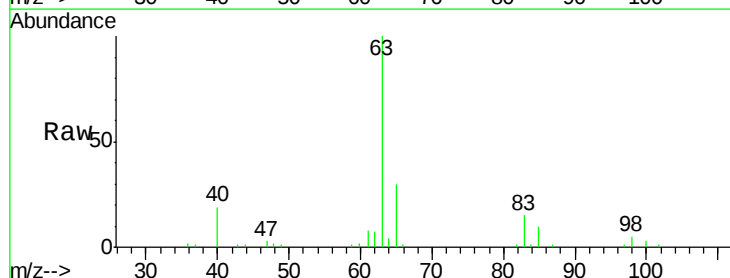
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

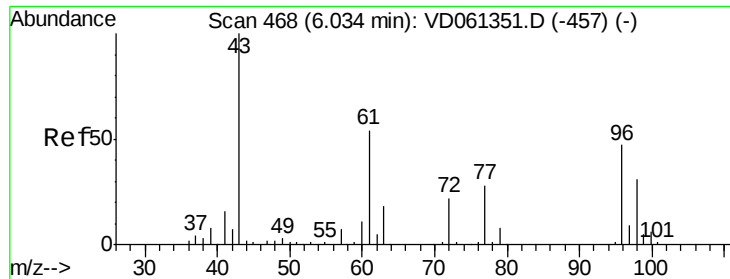
Tgt Ion: 43 Resp: 1283787  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 6.7 10.1



#24  
 1,1-Dichloroethane  
 Concen: 20.068 ug/l  
 RT: 4.96 min Scan# 359  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 63 Resp: 269923  
 Ion Ratio Lower Upper  
 63 100  
 98 4.5 2.6 8.0  
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 97.303 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

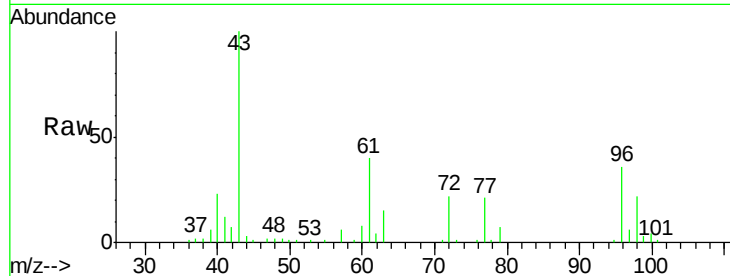
VSTDIC020

Tgt Ion: 43 Resp: 194178

Ion Ratio Lower Upper

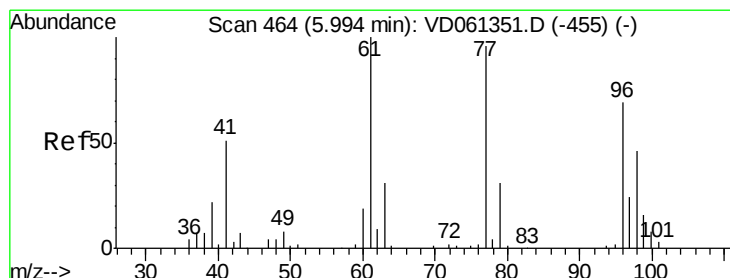
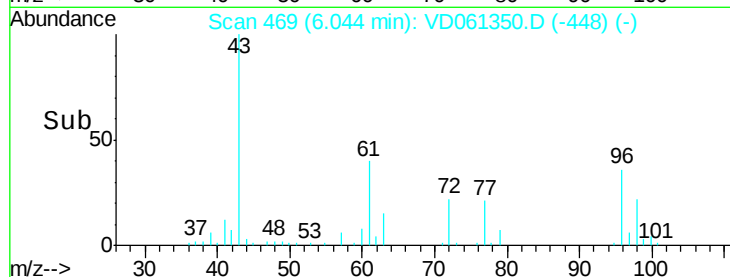
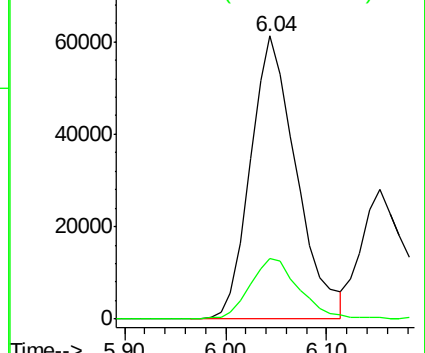
43 100

72 21.6 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.378 ug/l

RT: 6.00 min Scan# 464

Delta R.T. 0.00 min

Lab File: VD061350.D

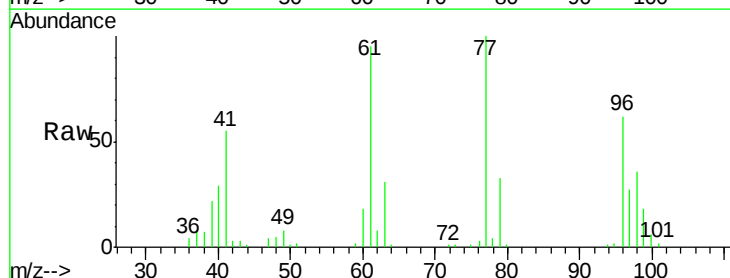
Acq: 27 Mar 2019 12:39

Tgt Ion: 77 Resp: 207199

Ion Ratio Lower Upper

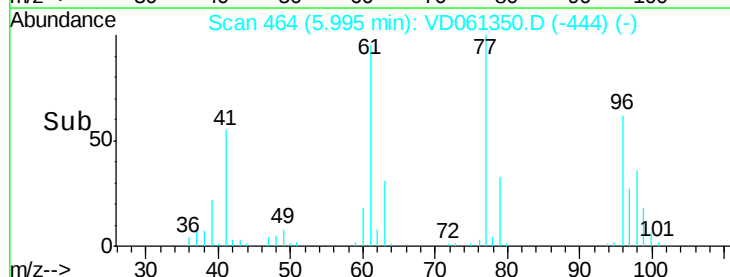
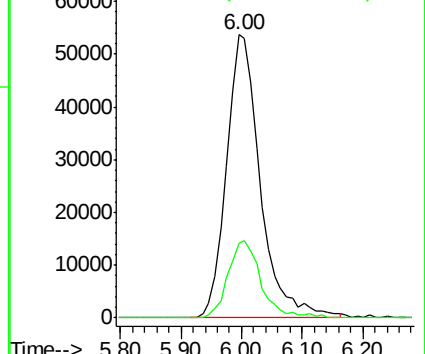
77 100

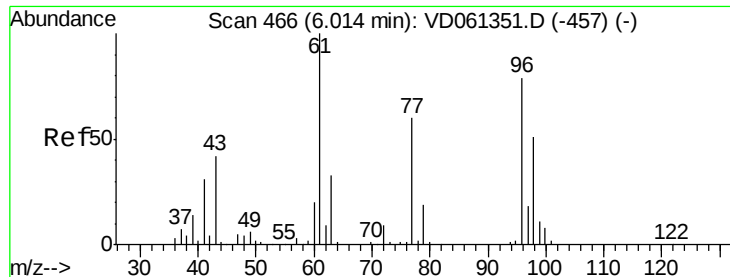
97 26.6 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

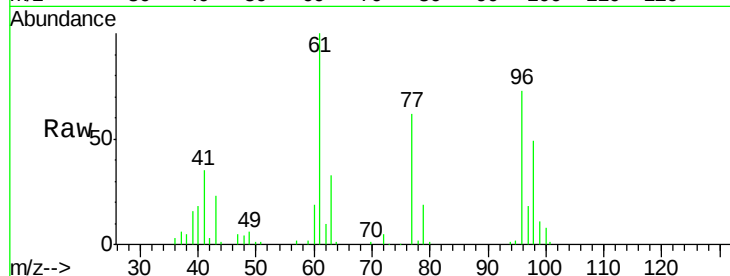




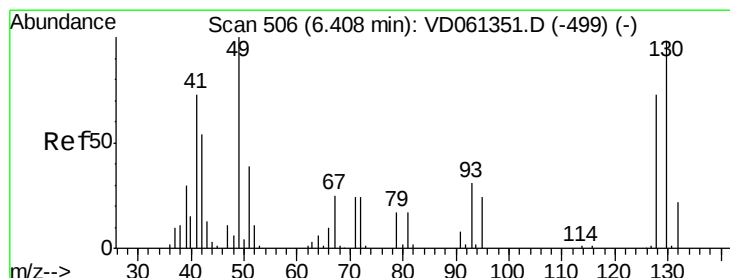
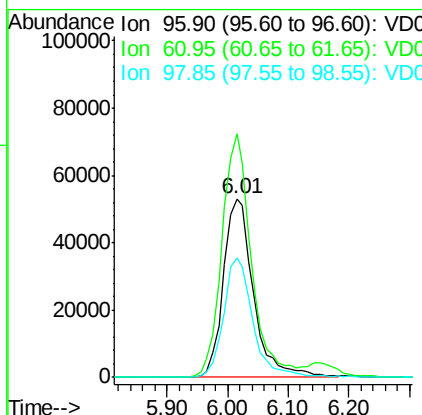
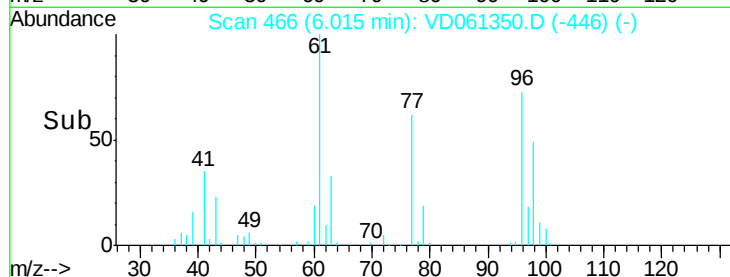
#27  
 cis-1,2-Dichloroethene  
 Concen: 19.942 ug/l  
 RT: 6.01 min Scan# 466  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 96 Resp: 182921  
 Ion Ratio Lower Upper  
 96 100  
 61 136.1 0.0 251.6  
 98 66.5 0.0 129.2

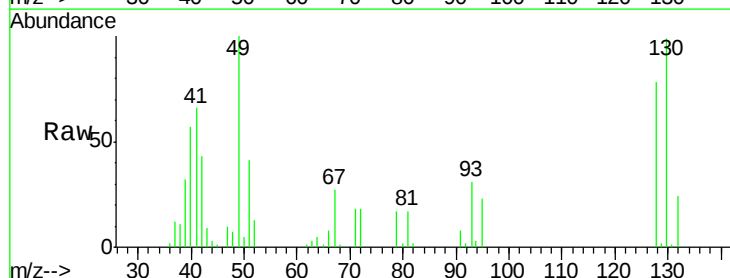


Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC

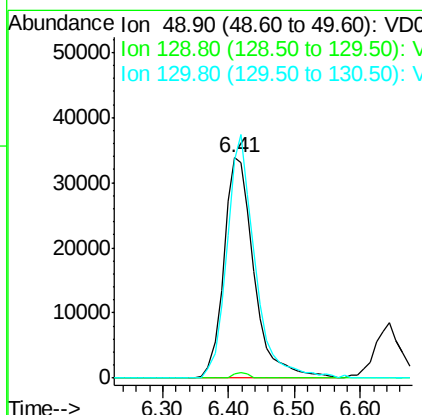
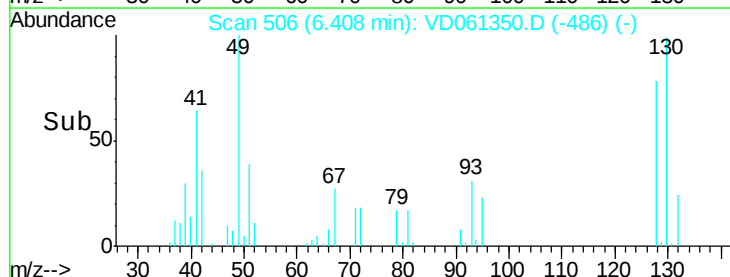


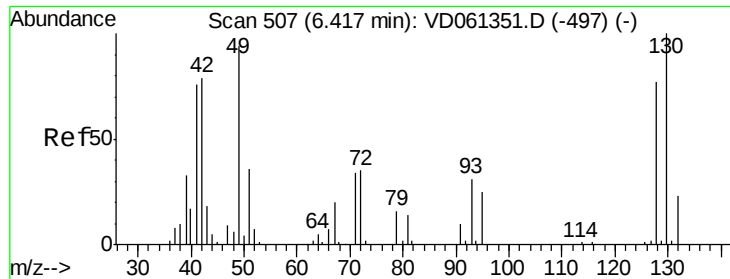
#28  
 Bromochloromethane  
 Concen: 19.976 ug/l  
 RT: 6.41 min Scan# 506  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 49 Resp: 108463  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 0.0#  
 130 98.8 78.4 117.6



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

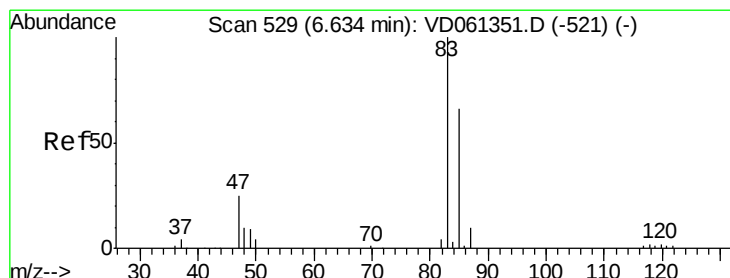
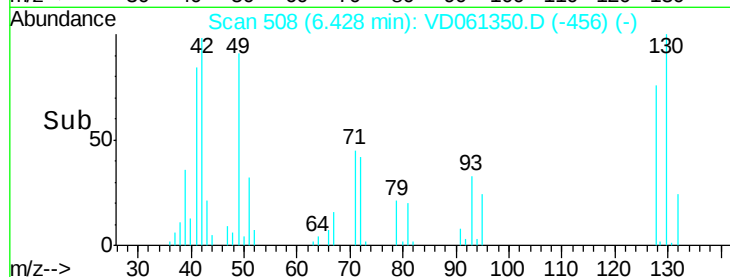
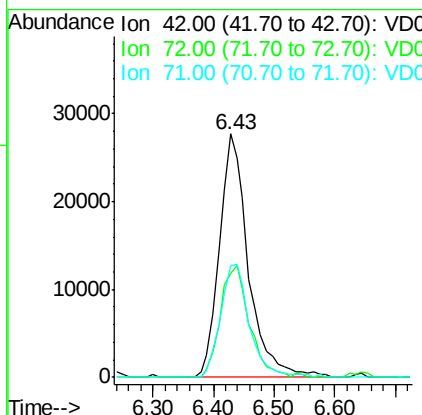
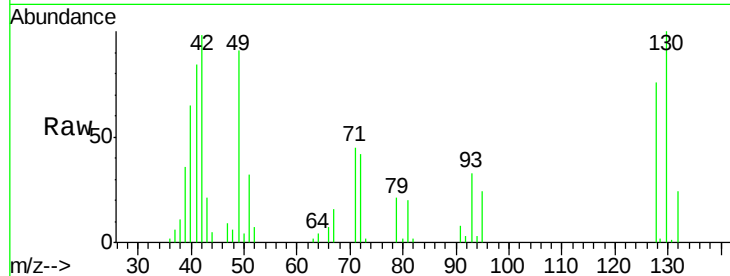




#29  
Tetrahydrofuran  
Concen: 94.707 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

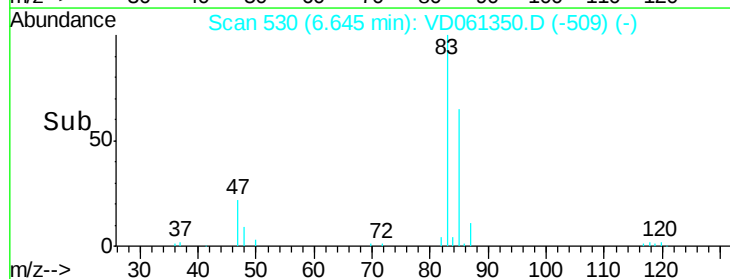
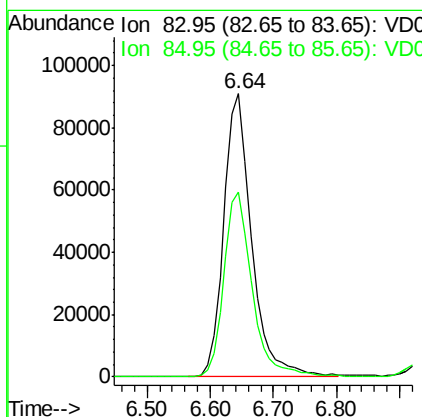
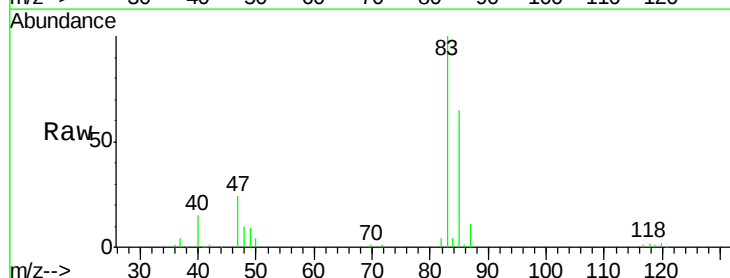
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

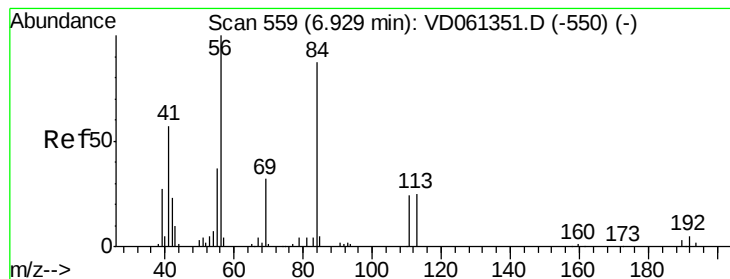
Tgt Ion: 42 Resp: 91606  
Ion Ratio Lower Upper  
42 100  
72 45.9 37.4 56.0  
71 46.9 36.7 55.1



#30  
Chloroform  
Concen: 20.122 ug/l  
RT: 6.64 min Scan# 530  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 83 Resp: 279661  
Ion Ratio Lower Upper  
83 100  
85 65.4 53.0 79.4





#31

Cyclohexane

Concen: 21.226 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

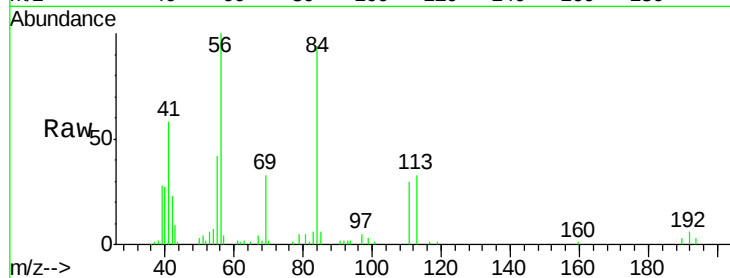
Tgt Ion: 56 Resp: 225615

Ion Ratio Lower Upper

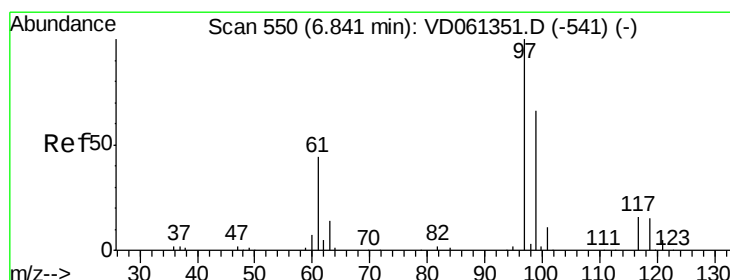
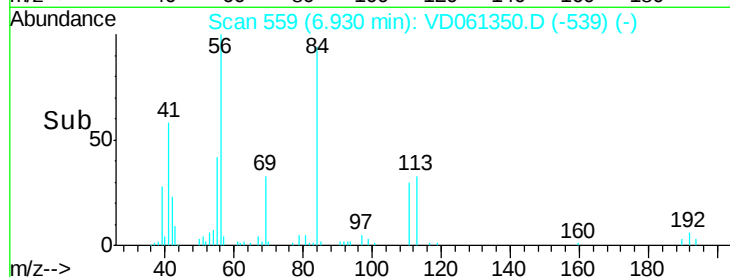
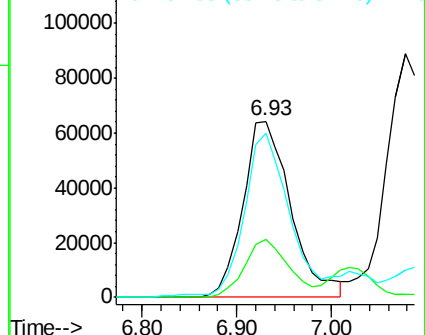
56 100

69 33.0 25.7 38.5

84 93.5 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 21.054 ug/l

RT: 6.84 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

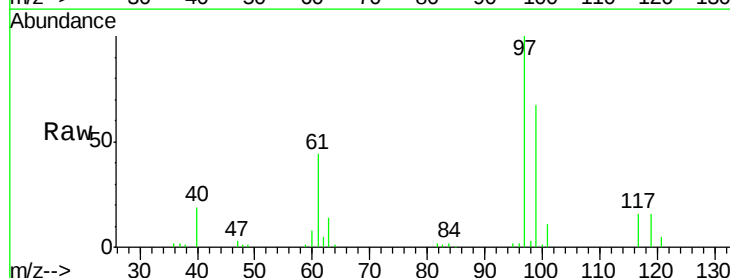
Tgt Ion: 97 Resp: 258152

Ion Ratio Lower Upper

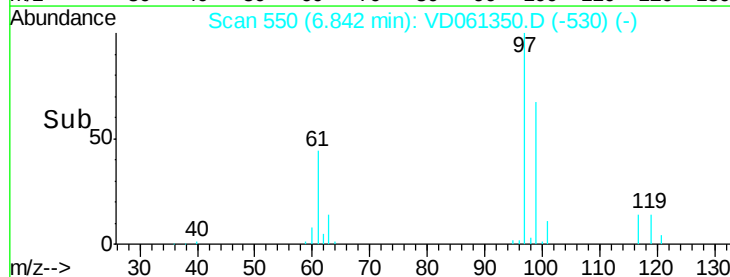
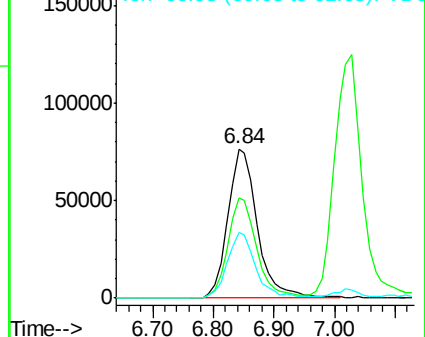
97 100

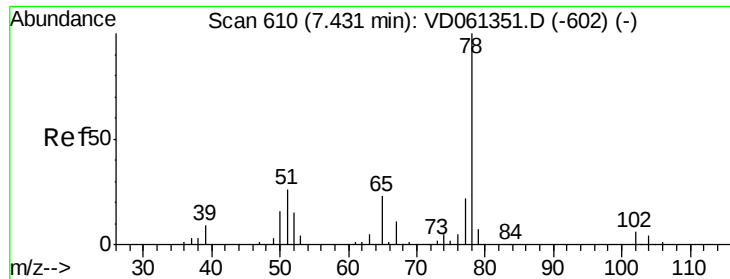
99 67.2 53.1 79.7

61 44.1 35.5 53.3



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





#33

1,2-Dichloroethane-d4

Concen: 21.054 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

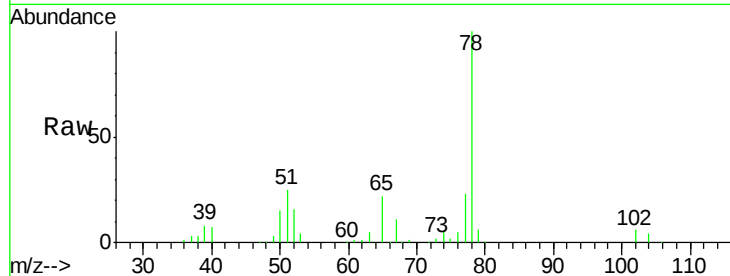
VSTDIC020

Tgt Ion: 65 Resp: 123539

Ion Ratio Lower Upper

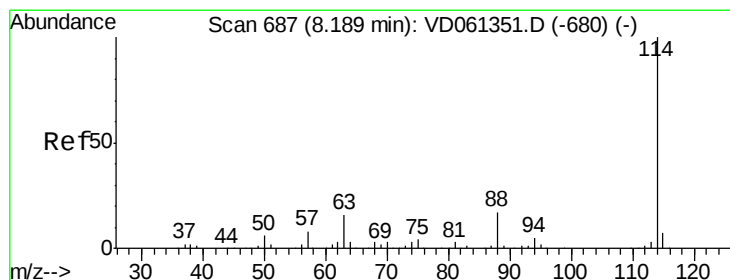
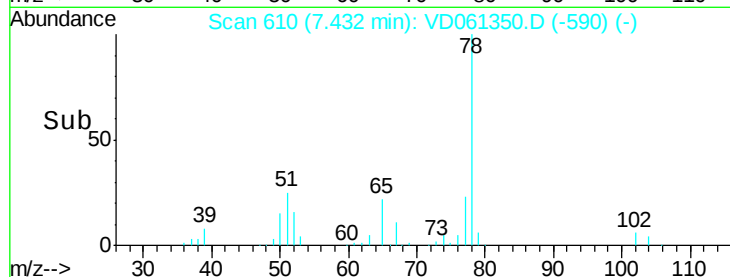
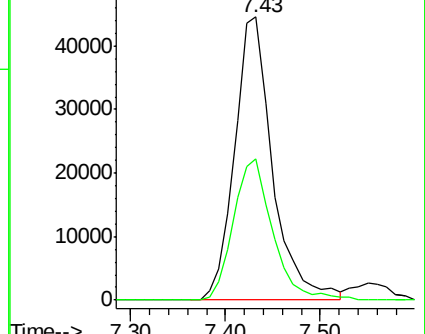
65 100

67 49.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

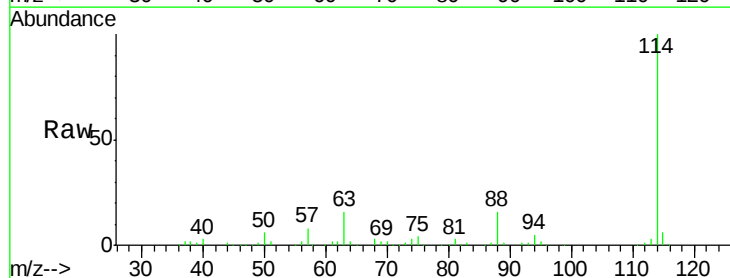
Tgt Ion: 114 Resp: 1276572

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.6

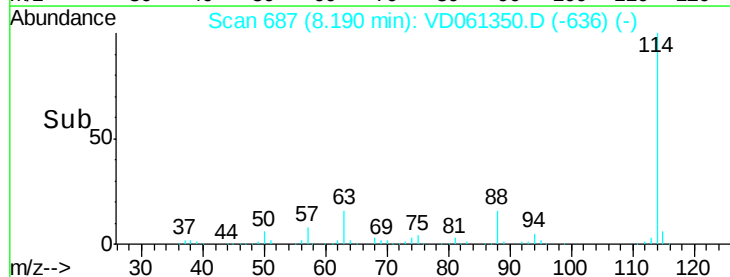
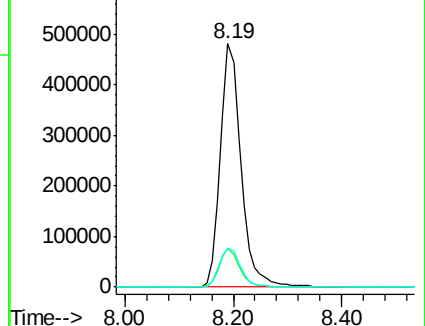
88 15.8 0.0 33.4

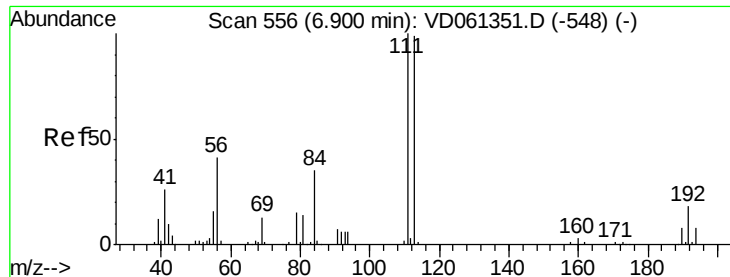


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 556

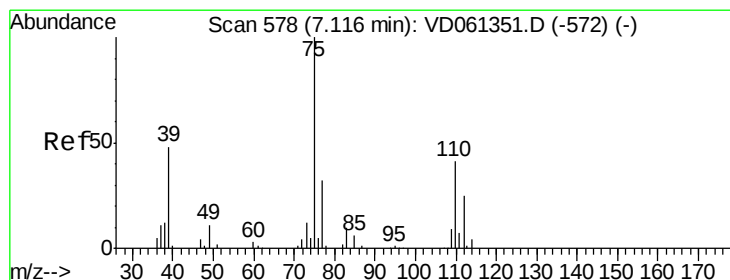
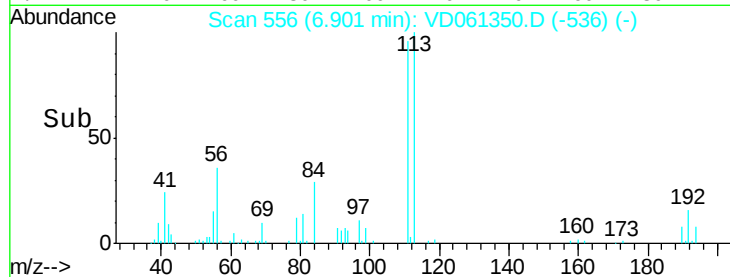
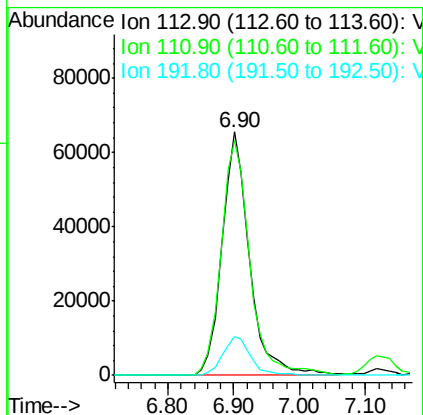
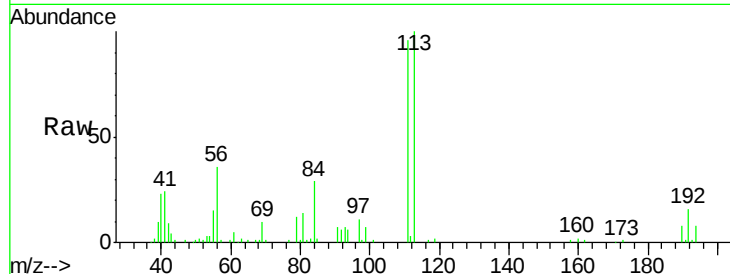
Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 190948 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 96.4  | 81.0  | 121.6  |
| 192      | 16.2  | 14.4  | 21.6   |



#36

1,1-Dichloropropene

Concen: 19.093 ug/l

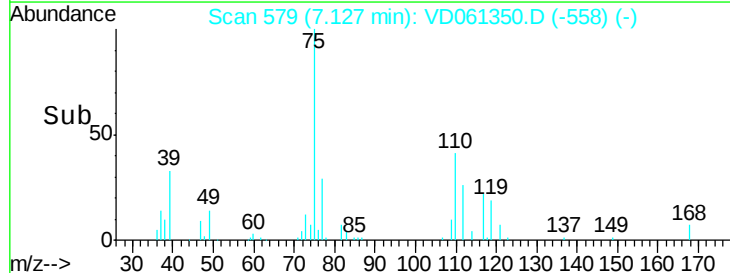
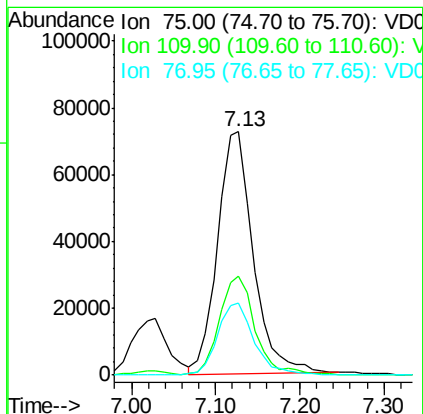
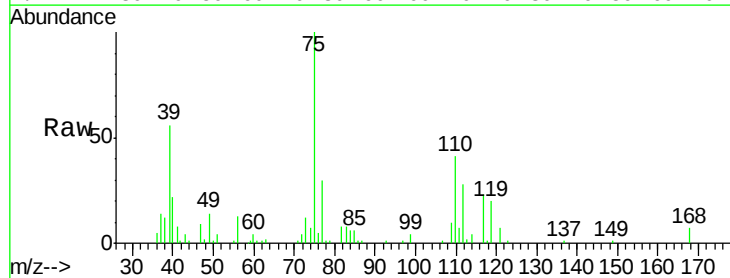
RT: 7.13 min Scan# 579

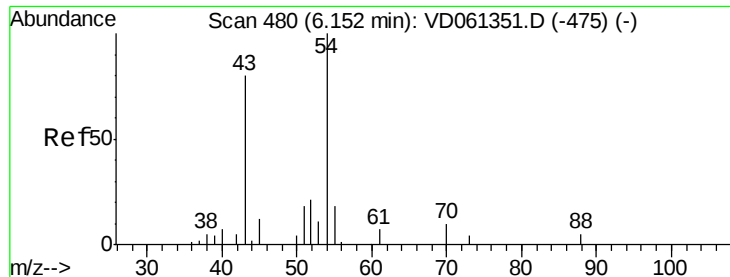
Delta R.T. 0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 212731 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 40.8  | 20.4  | 61.3   |
| 77       | 29.7  | 24.9  | 37.3   |

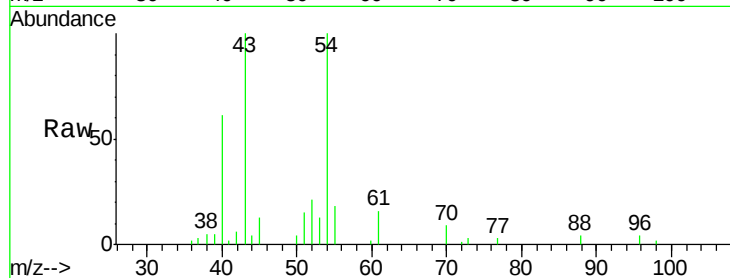




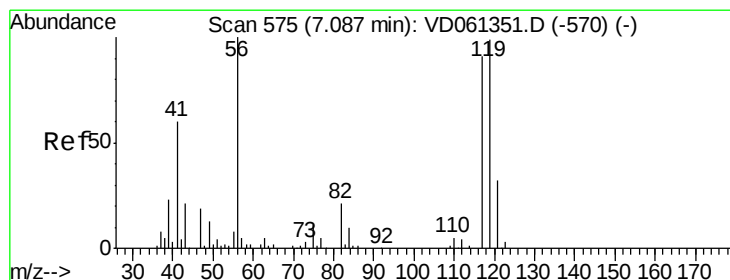
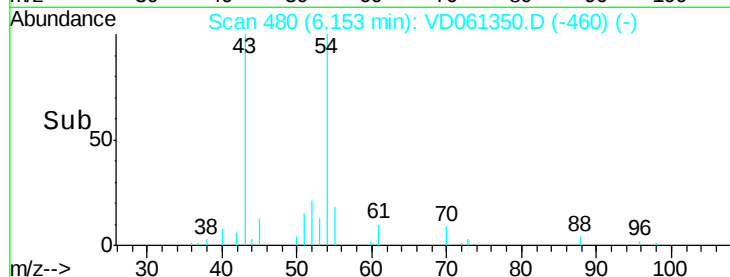
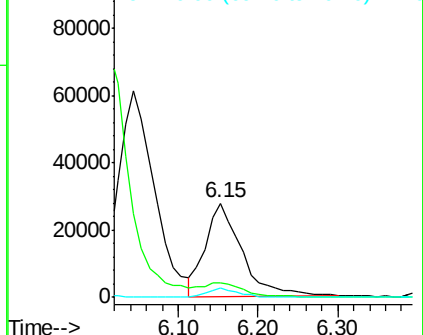
#37  
Ethyl Acetate  
Concen: 18.327 ug/l  
RT: 6.15 min Scan# 480  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 87326  
Ion Ratio Lower Upper  
43 100  
61 16.0 13.8 20.8  
70 9.4 7.8 11.8

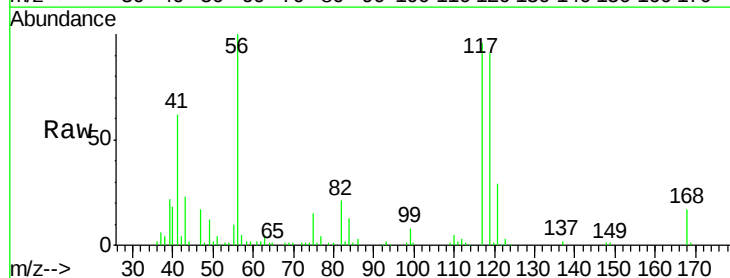


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

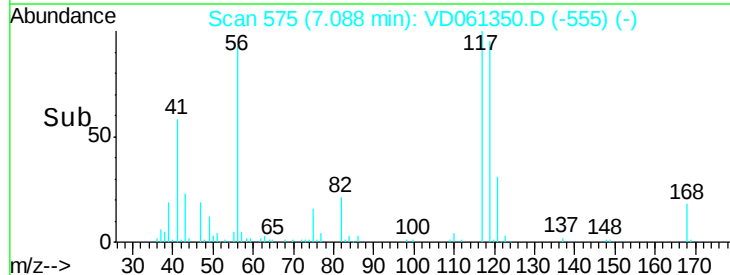
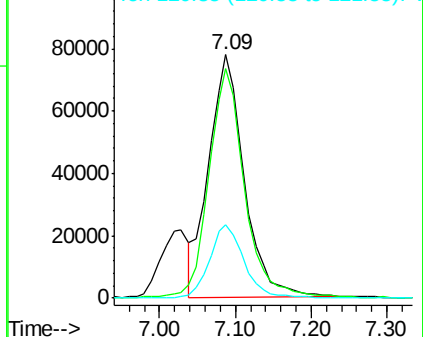


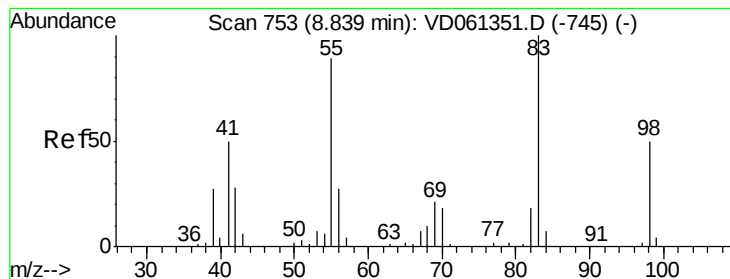
#38  
Carbon Tetrachloride  
Concen: 19.898 ug/l  
RT: 7.09 min Scan# 575  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 117 Resp: 252425  
Ion Ratio Lower Upper  
117 100  
119 94.5 80.1 120.1  
121 29.9 25.6 38.4



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 19.533 ug/l

RT: 8.84 min Scan# 753

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

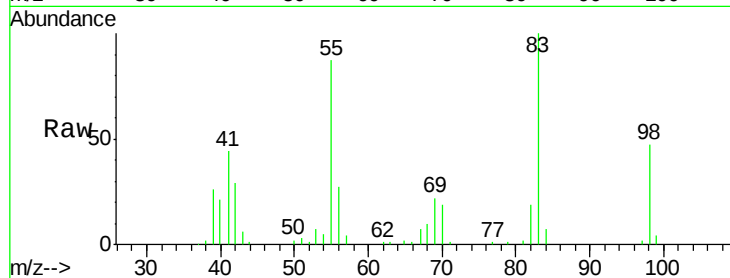
Tgt Ion: 83 Resp: 226656

Ion Ratio Lower Upper

83 100

55 86.9 71.5 107.3

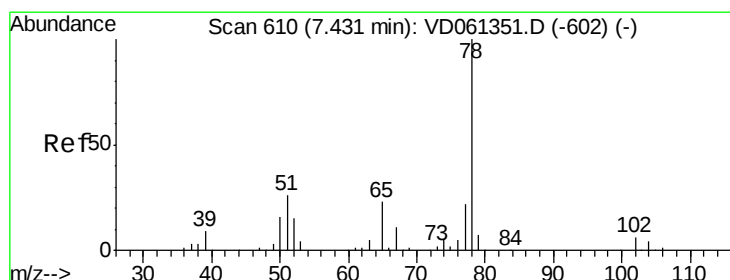
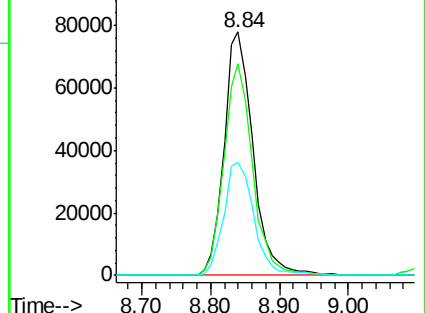
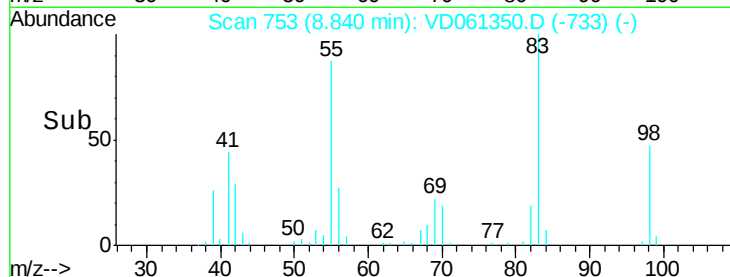
98 46.6 40.3 60.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 21.117 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD061350.D

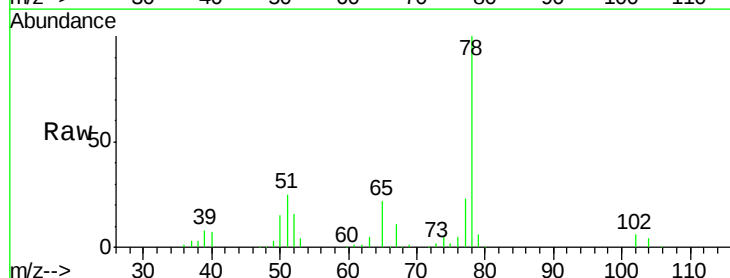
Acq: 27 Mar 2019 12:39

Tgt Ion: 78 Resp: 590482

Ion Ratio Lower Upper

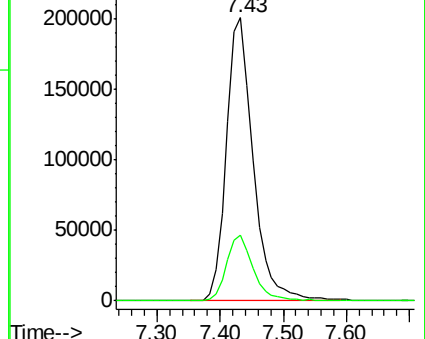
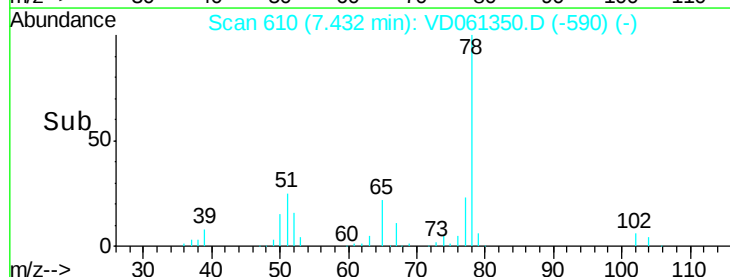
78 100

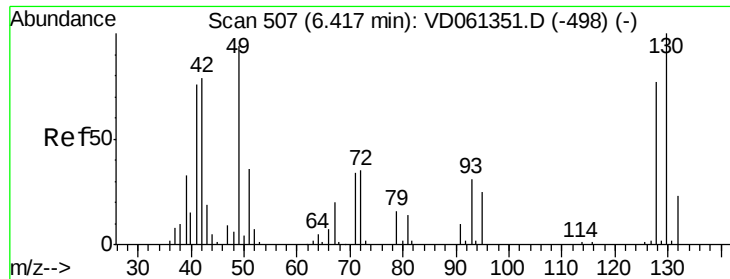
77 23.3 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

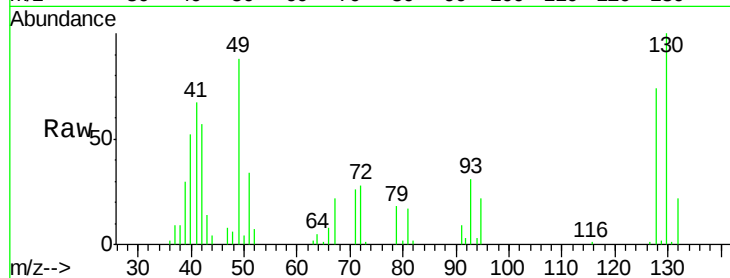




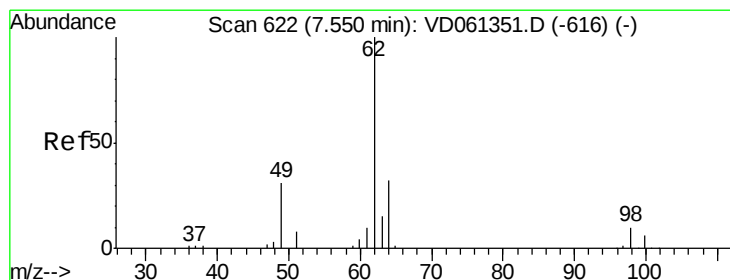
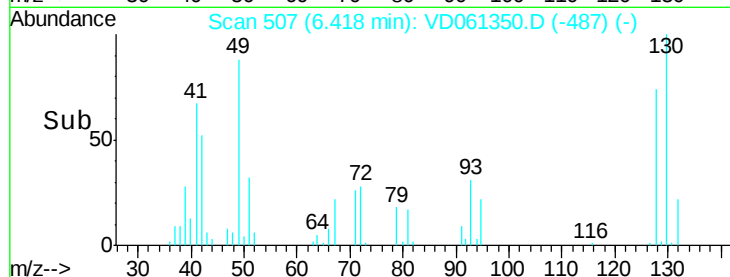
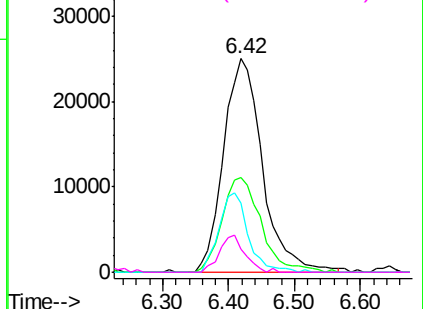
#41  
Methacrylonitrile  
Concen: 18.611 ug/l  
RT: 6.42 min Scan# 507  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion: 41 Resp: 103689  
Ion Ratio Lower Upper  
41 100  
39 44.2 35.0 52.6  
67 32.3 21.0 31.6#  
52 11.1 7.7 11.5

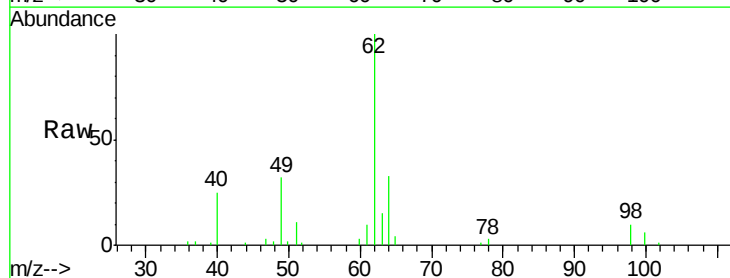


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

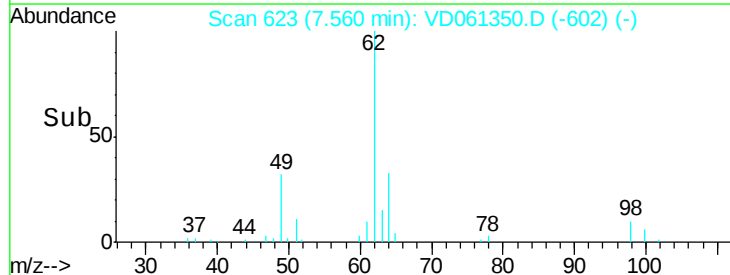
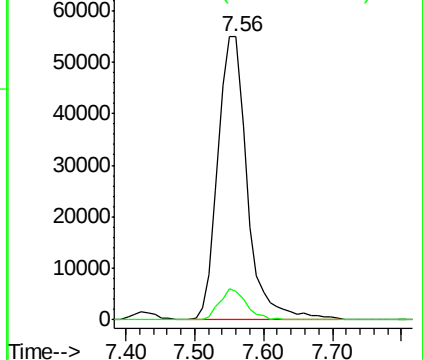


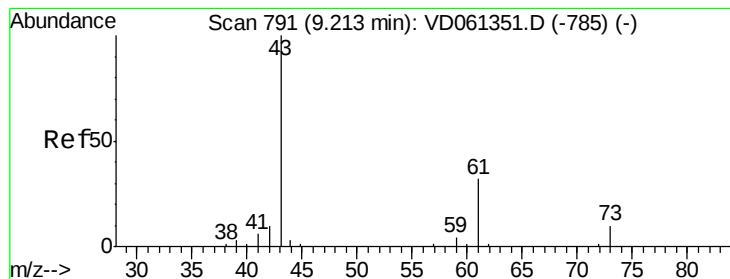
#42  
1,2-Dichloroethane  
Concen: 19.519 ug/l  
RT: 7.56 min Scan# 623  
Delta R.T. 0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 62 Resp: 163259  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.8



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 19.982 ug/l

RT: 9.21 min Scan# 791

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

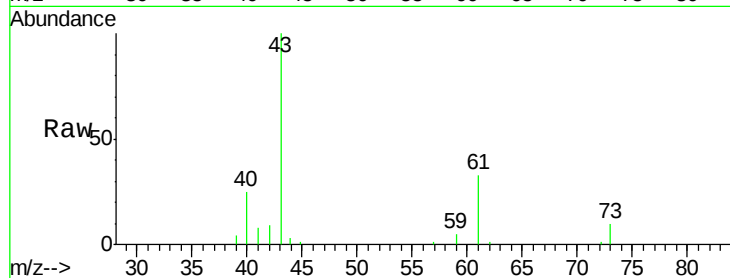
Tgt Ion: 43 Resp: 138538

Ion Ratio Lower Upper

43 100

61 32.8 25.8 38.6

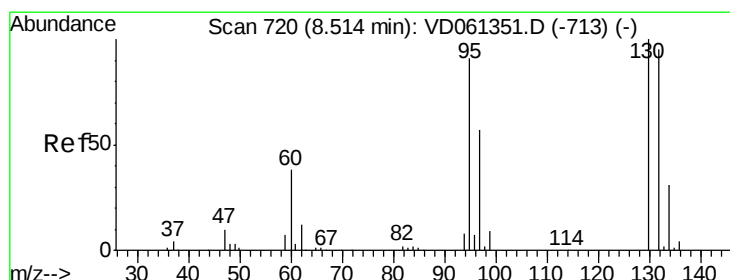
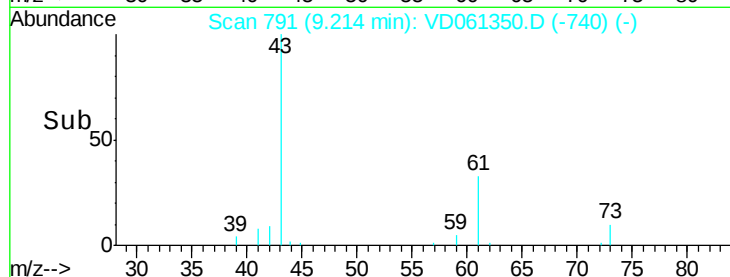
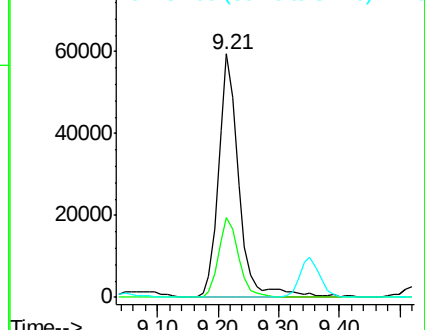
87 0.0 0.0 0.0



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: 19.169 ug/l

RT: 8.52 min Scan# 720

Delta R.T. 0.00 min

Lab File: VD061350.D

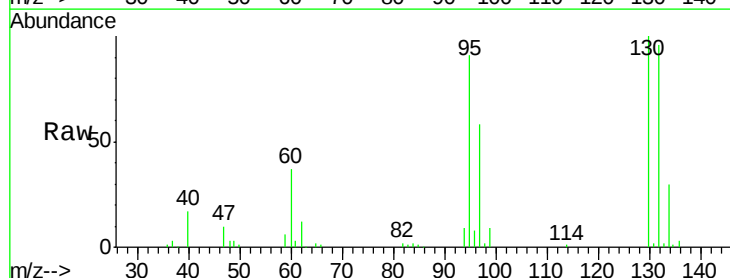
Acq: 27 Mar 2019 12:39

Tgt Ion: 130 Resp: 199478

Ion Ratio Lower Upper

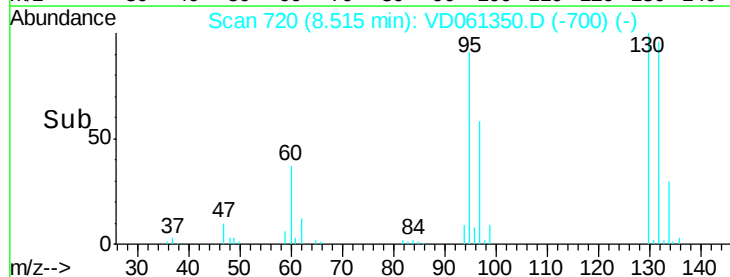
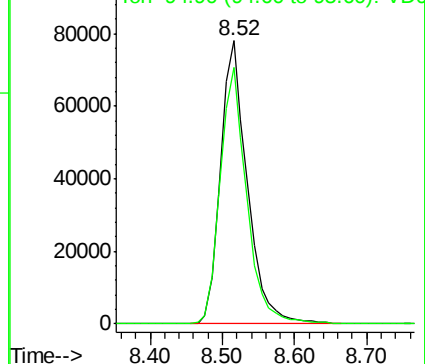
130 100

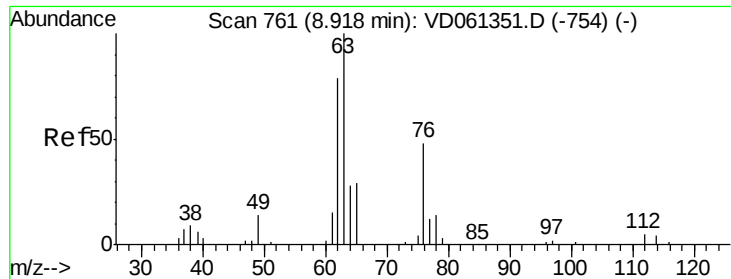
95 90.8 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.170 ug/l

RT: 8.91 min Scan# 760

Delta R.T. -0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

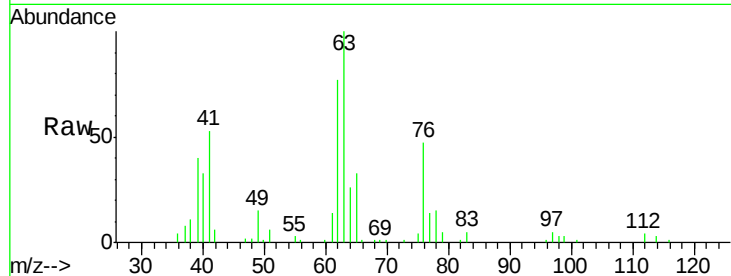
VSTDIC020

Tgt Ion: 63 Resp: 143013

Ion Ratio Lower Upper

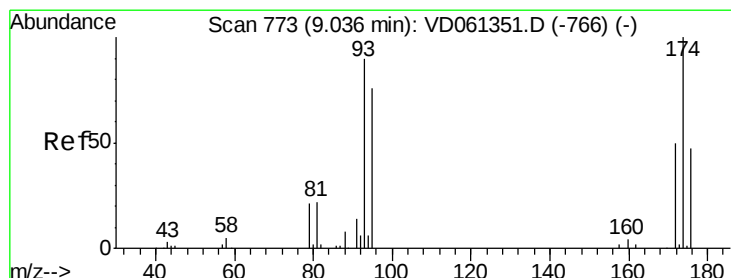
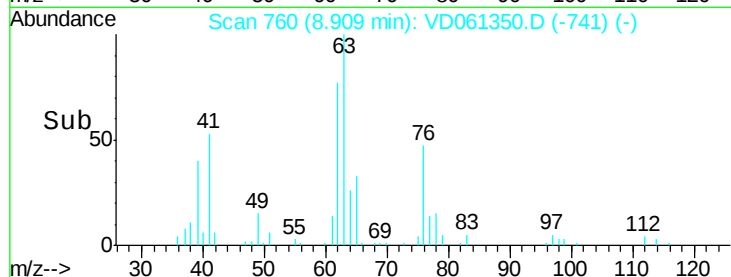
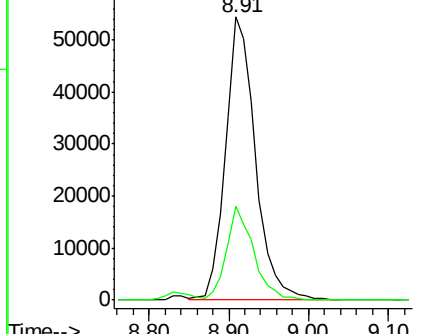
63 100

65 33.3 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.680 ug/l

RT: 9.04 min Scan# 773

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

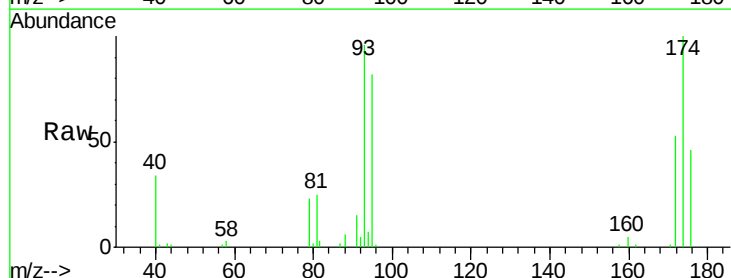
Tgt Ion: 93 Resp: 93920

Ion Ratio Lower Upper

93 100

95 85.8 67.4 101.0

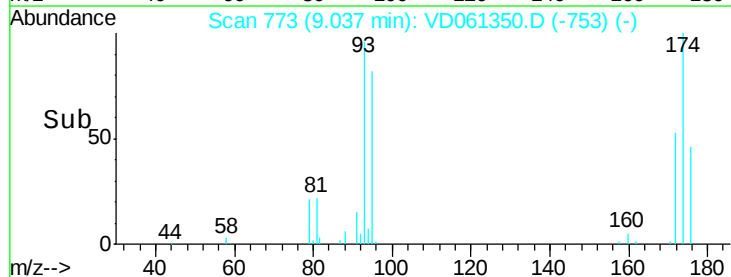
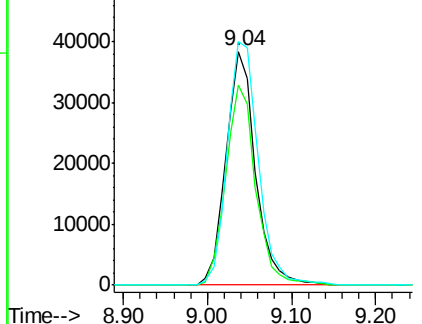
174 104.1 88.9 133.3

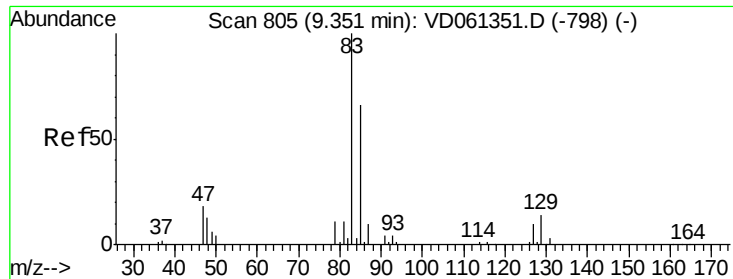


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 20.641 ug/l

RT: 9.35 min Scan# 805

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

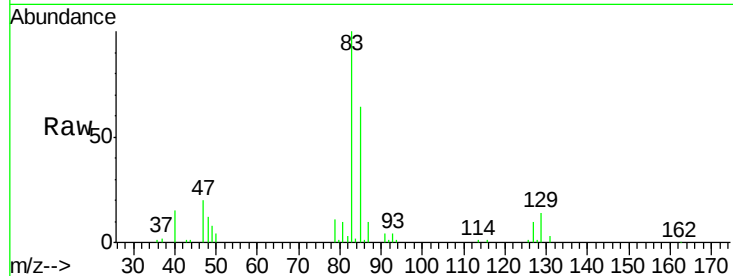
Tgt Ion: 83 Resp: 221097

Ion Ratio Lower Upper

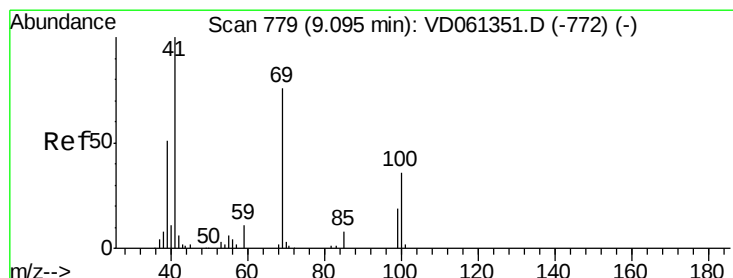
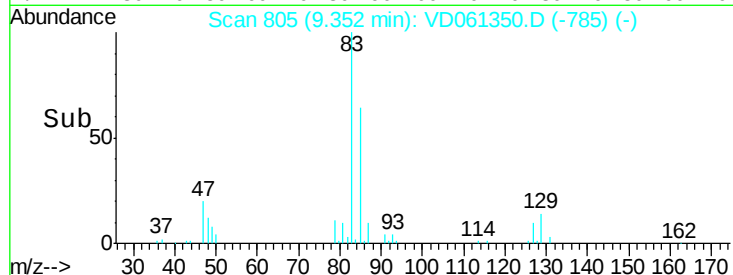
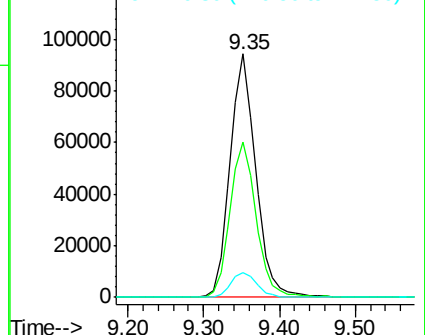
83 100

85 64.0 53.0 79.4

127 10.3 8.4 12.6



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: 20.358 ug/l

RT: 9.10 min Scan# 779

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

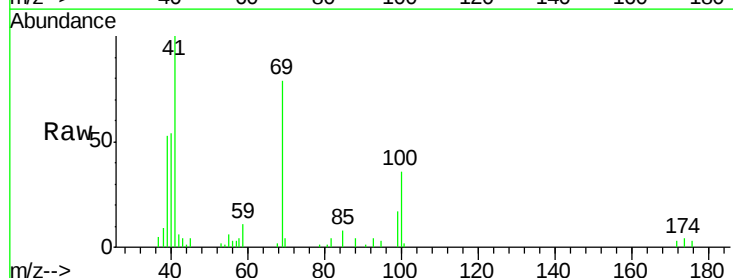
Tgt Ion: 41 Resp: 77895

Ion Ratio Lower Upper

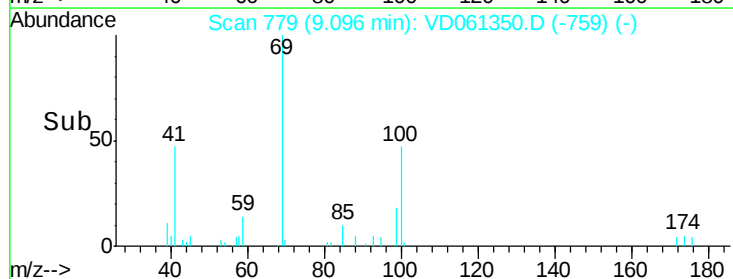
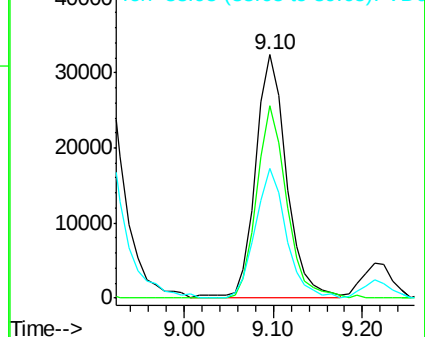
41 100

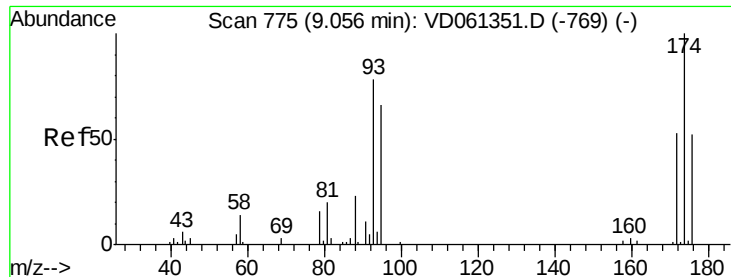
69 78.8 60.2 90.4

39 53.3 41.4 62.2



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

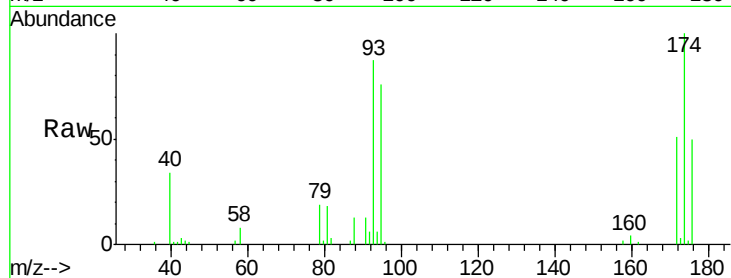




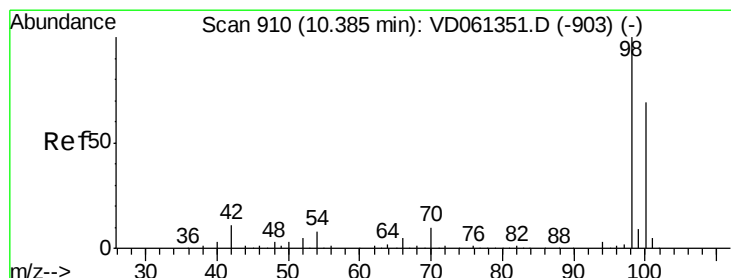
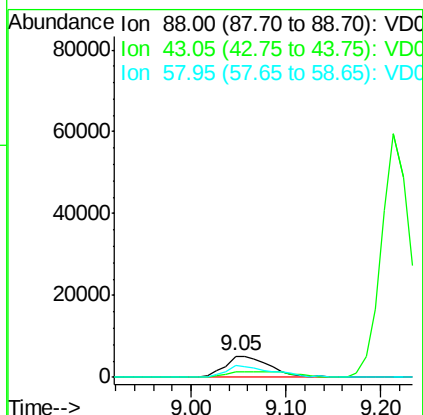
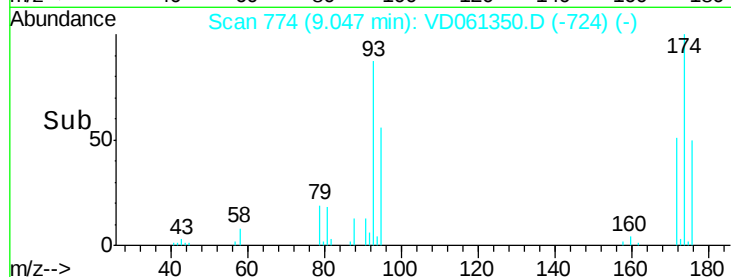
#49  
1,4-Dioxane  
Concen: 393.456 ug/l  
RT: 9.05 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion: 88 Resp: 16605  
Ion Ratio Lower Upper  
88 100  
43 25.4 23.3 34.9  
58 57.4 50.8 76.2

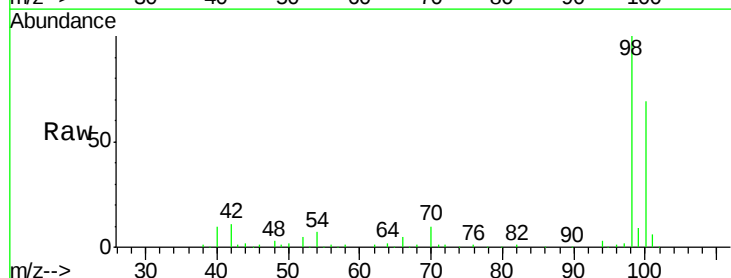


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

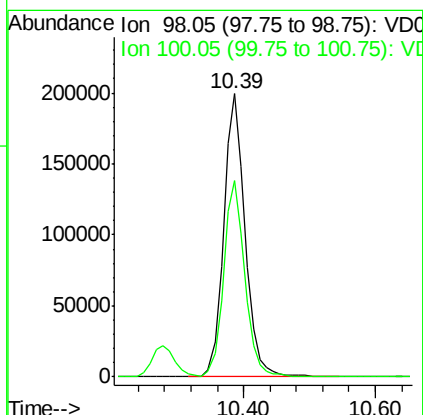
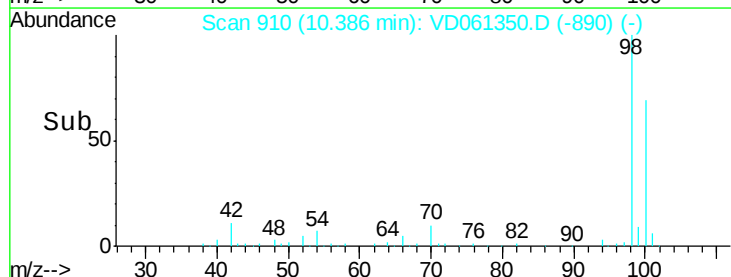


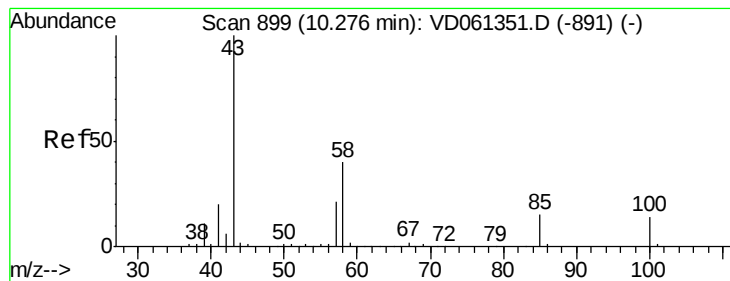
#50  
Toluene-d8  
Concen: 393.456 ug/l  
RT: 10.39 min Scan# 910  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 98 Resp: 450343  
Ion Ratio Lower Upper  
98 100  
100 69.4 56.2 84.2



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: 98.323 ug/l

RT: 10.28 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

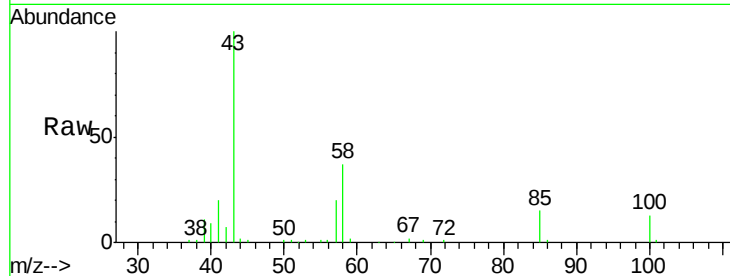
VSTDIC020

Tgt Ion: 43 Resp: 414723

Ion Ratio Lower Upper

43 100

58 37.2 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.28

150000

100000

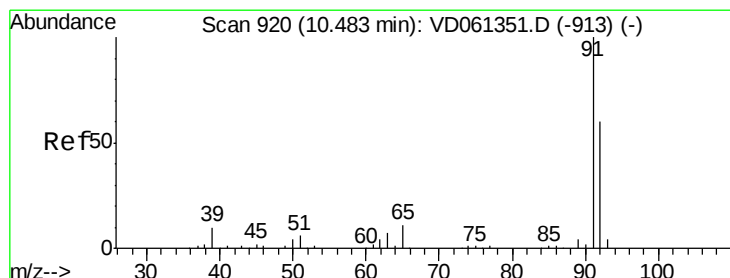
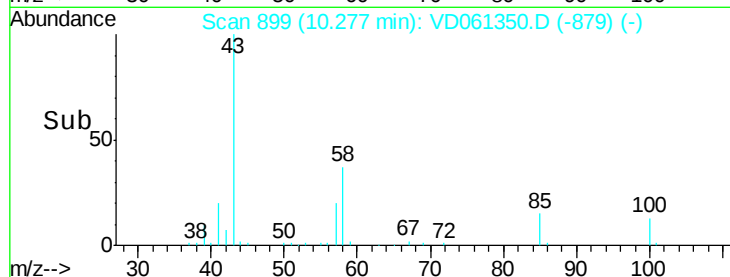
50000

0

Time-->

10.20

10.40



#52

Toluene

Concen: 19.205 ug/l

RT: 10.48 min Scan# 920

Delta R.T. 0.00 min

Lab File: VD061350.D

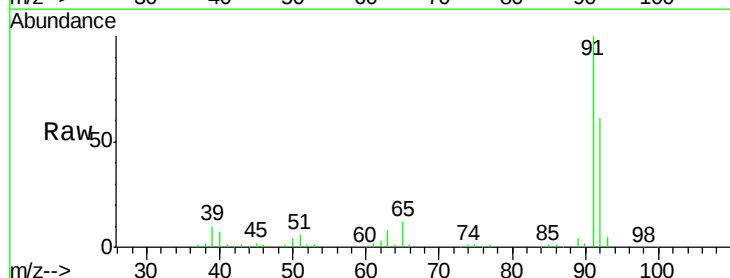
Acq: 27 Mar 2019 12:39

Tgt Ion: 92 Resp: 327625

Ion Ratio Lower Upper

92 100

91 164.8 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

150000

100000

50000

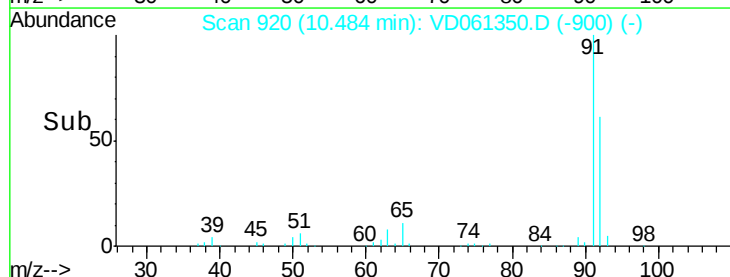
0

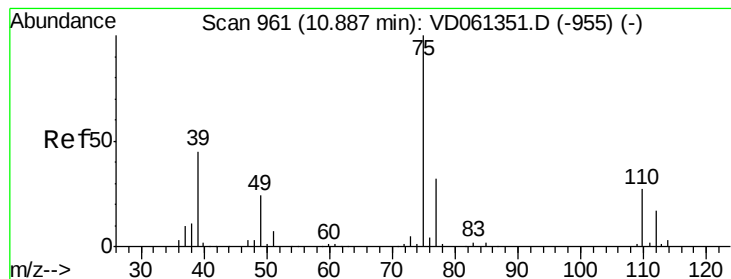
Time-->

10.40

10.50

10.60





#53

t-1,3-Dichloropropene

Concen: 19.785 ug/l

RT: 10.89 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

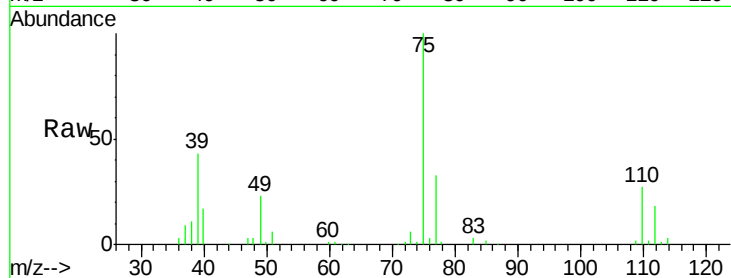
VSTDIC020

Tgt Ion: 75 Resp: 192544

Ion Ratio Lower Upper

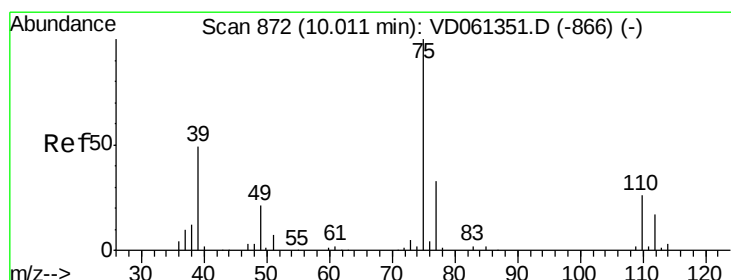
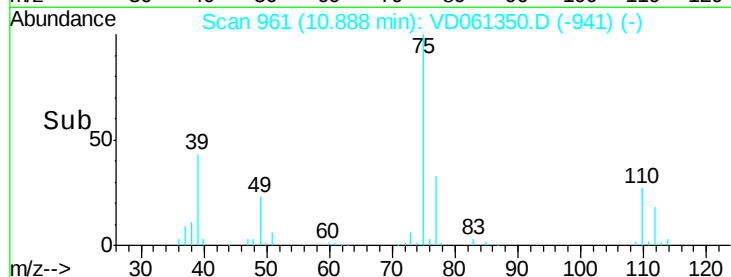
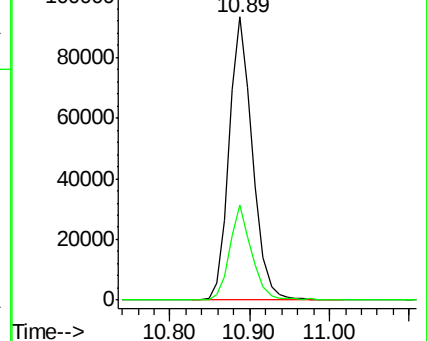
75 100

77 33.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.887 ug/l

RT: 10.01 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

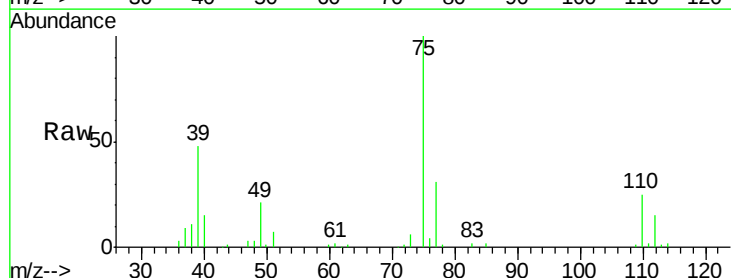
Tgt Ion: 75 Resp: 235665

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.4

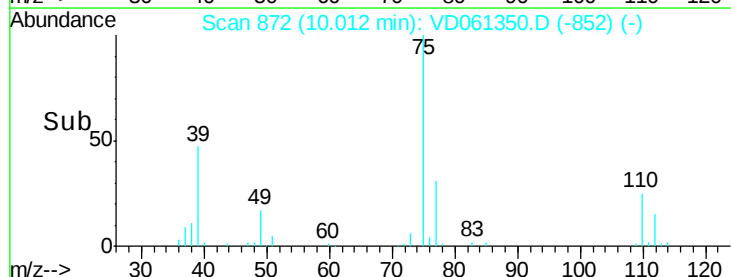
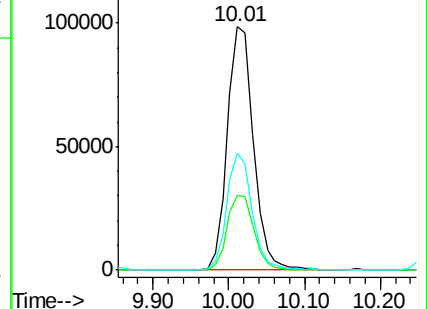
39 48.1 39.4 59.0

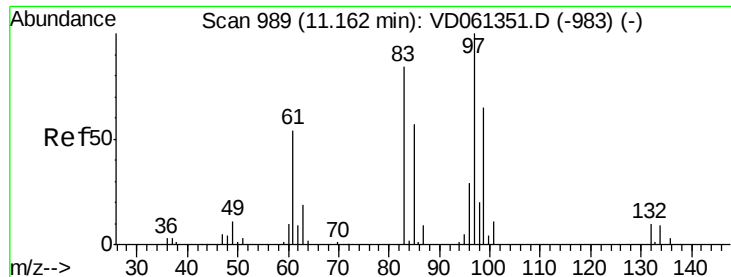


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

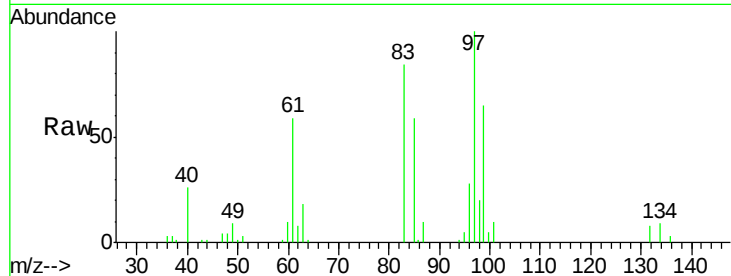




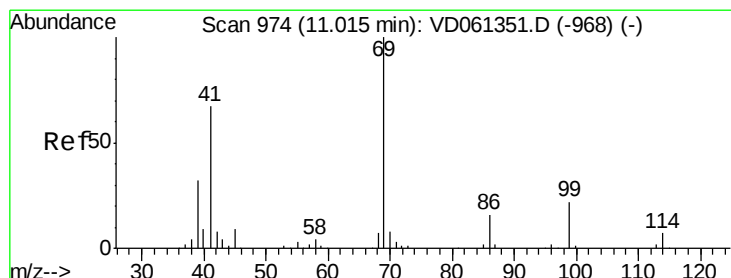
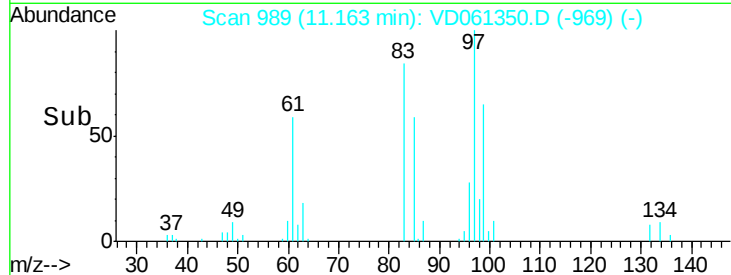
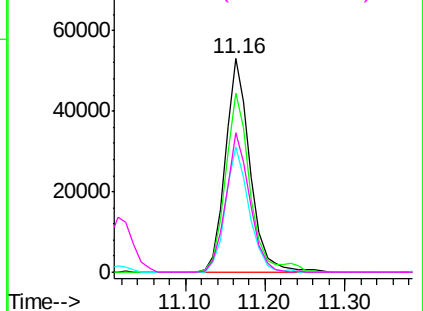
#55  
1,1,2-Trichloroethane  
Concen: 19.333 ug/l  
RT: 11.16 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 115342 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.2  | 67.0  | 100.6  |
| 85       | 58.9  | 45.4  | 68.2   |
| 99       | 65.2  | 51.9  | 77.9   |

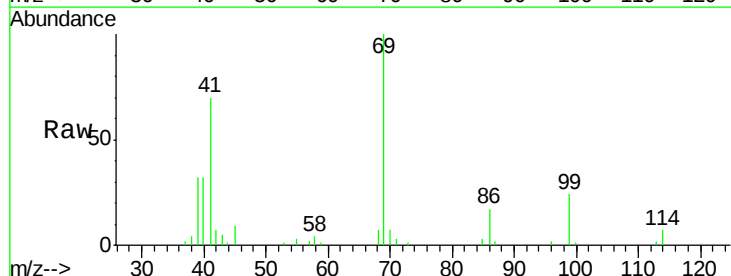


Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 98.85 (98.55 to 99.55): VDC

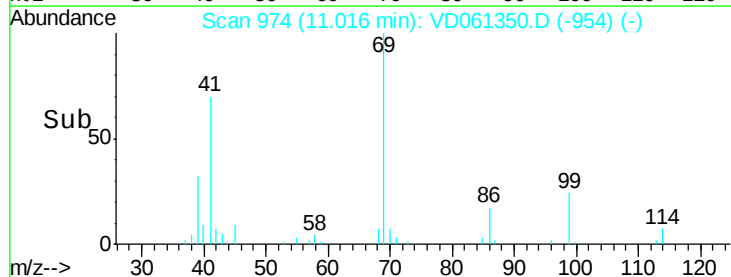
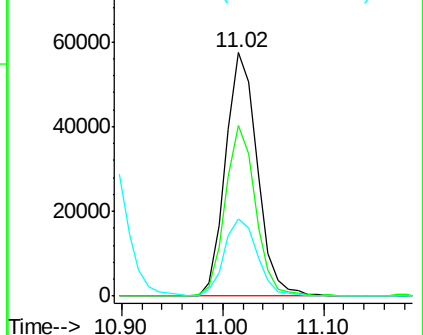


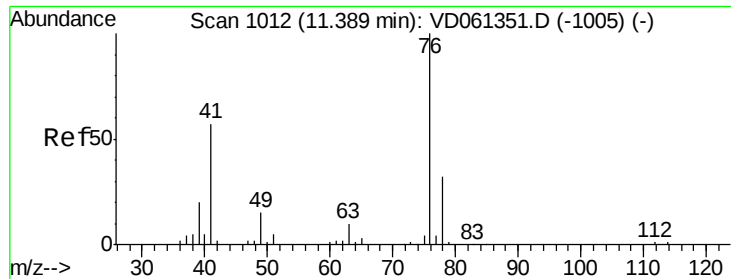
#56  
Ethyl methacrylate  
Concen: 19.559 ug/l  
RT: 11.02 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 125352 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.1  | 53.8  | 80.6   |
| 39       | 31.7  | 26.4  | 39.6   |



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

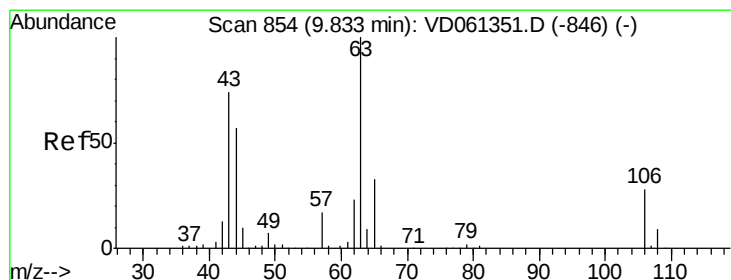
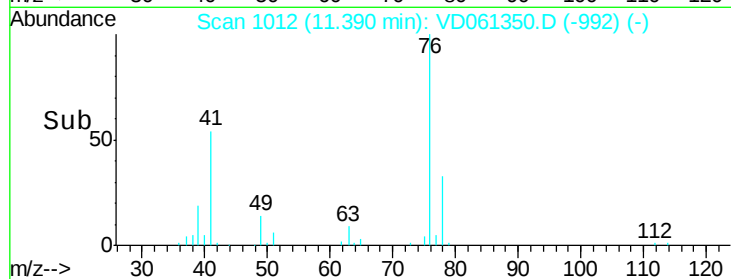
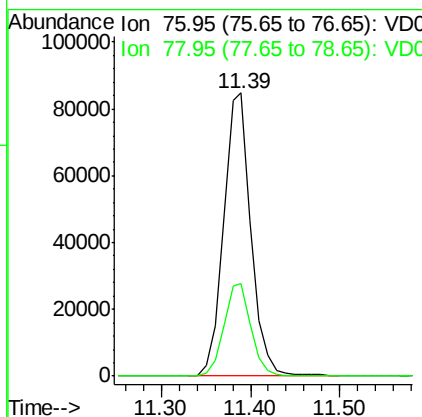
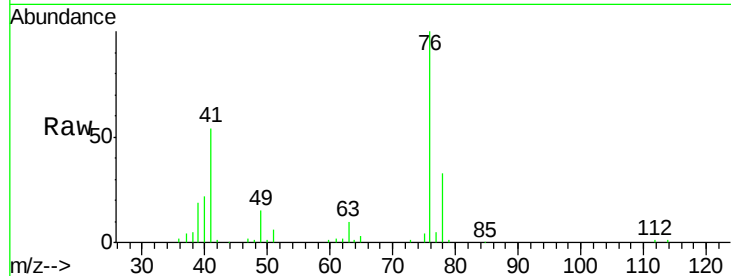




#57  
 1,3-Dichloropropane  
 Concen: 20.784 ug/l  
 RT: 11.39 min Scan# 1012  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

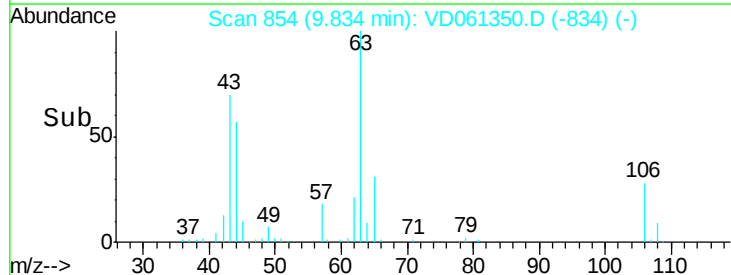
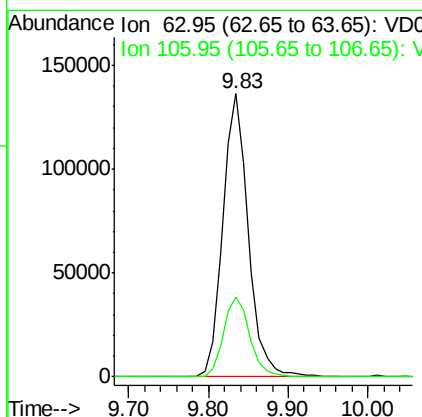
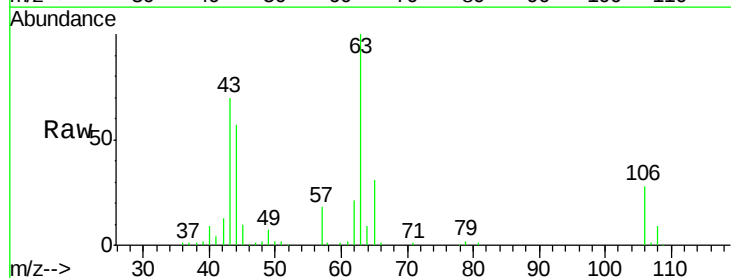
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

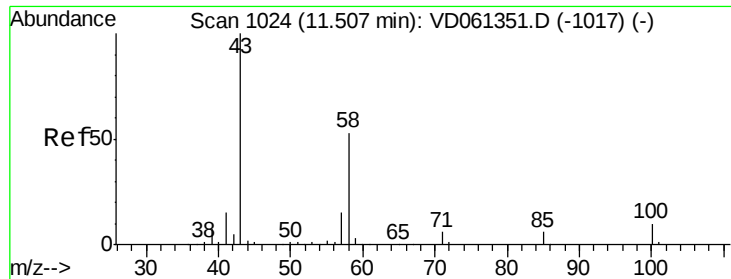
Tgt Ion: 76 Resp: 182256  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 98.018 ug/l  
 RT: 9.83 min Scan# 854  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 63 Resp: 305931  
 Ion Ratio Lower Upper  
 63 100  
 106 28.1 22.4 33.6

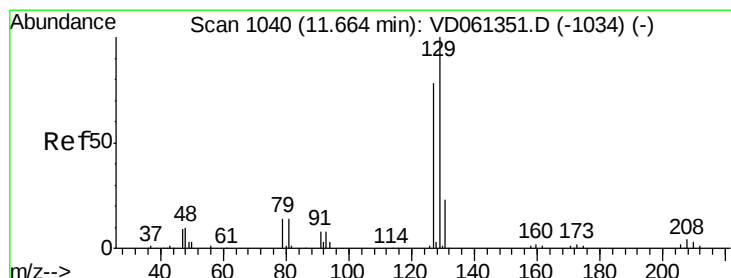
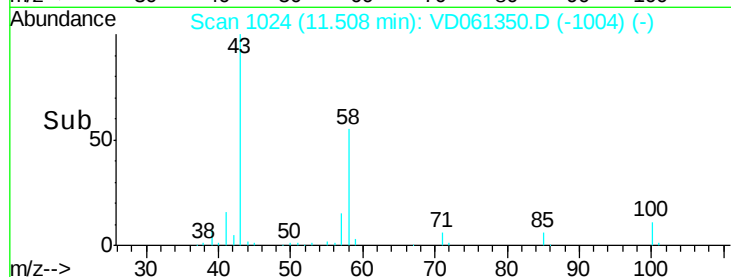
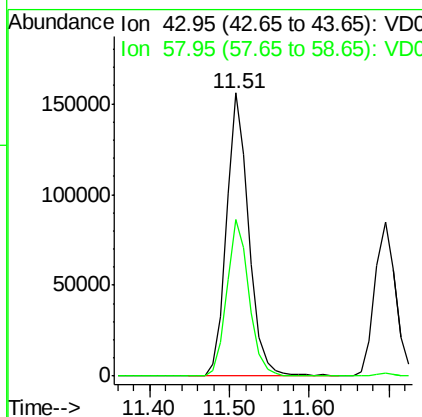
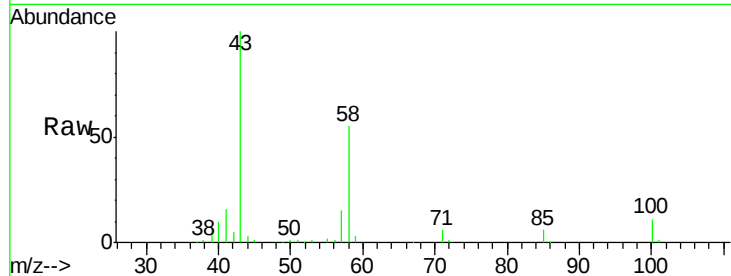




#59  
2-Hexanone  
Concen: 100.288 ug/l  
RT: 11.51 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

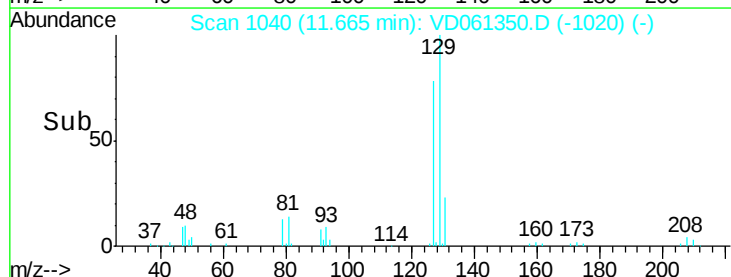
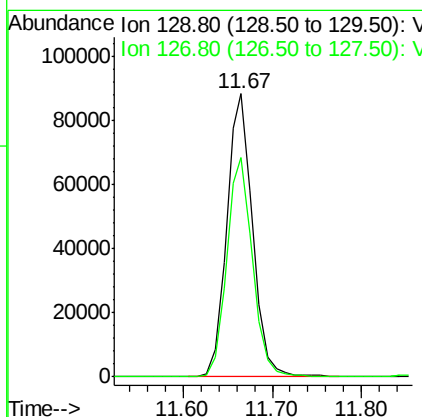
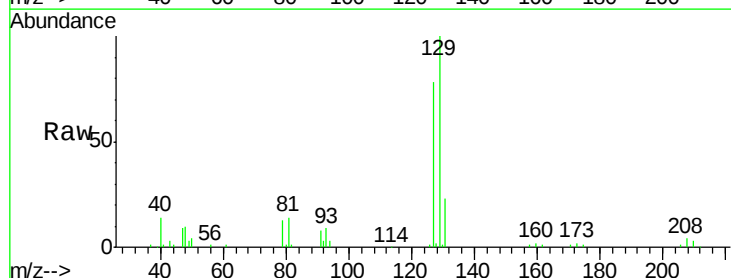
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

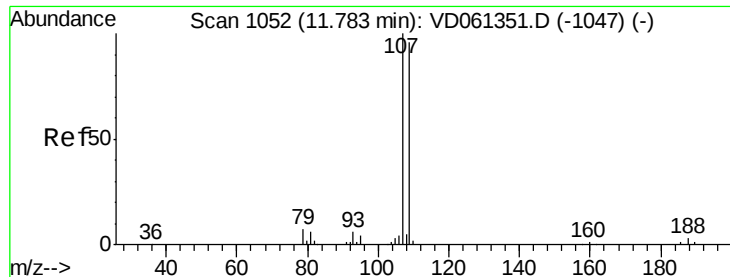
Tgt Ion: 43 Resp: 306485  
Ion Ratio Lower Upper  
43 100  
58 55.2 26.3 78.9



#60  
Dibromochloromethane  
Concen: 19.504 ug/l  
RT: 11.67 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 129 Resp: 179382  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.0 116.9

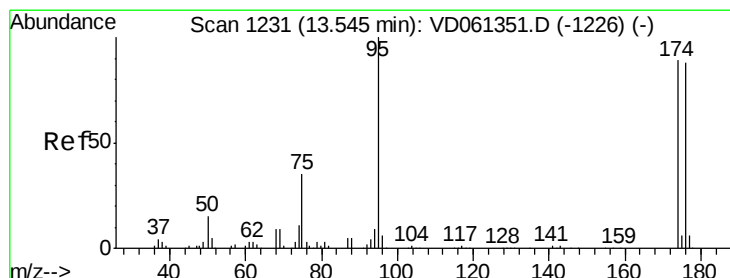
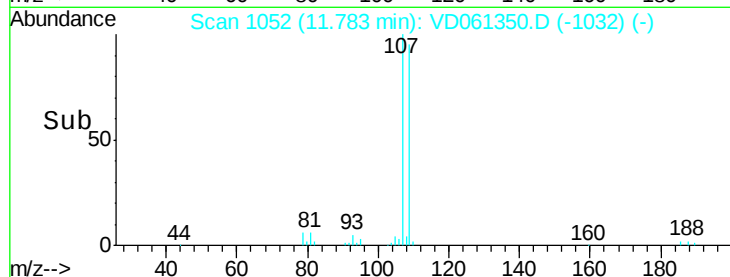
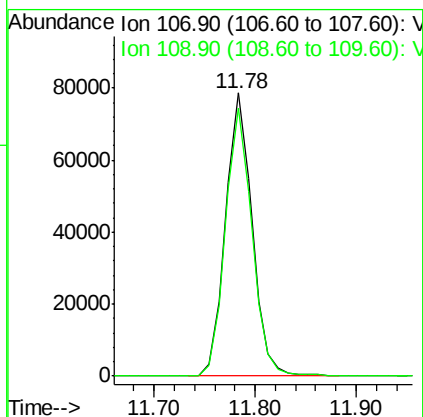
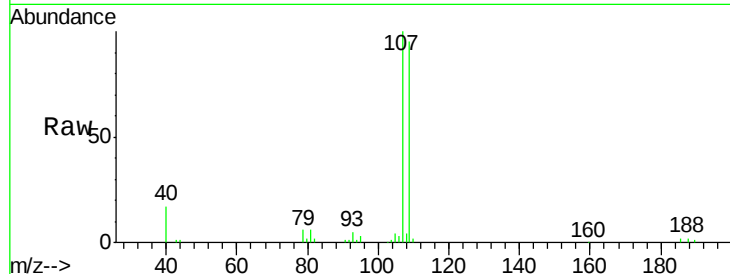




#61  
 1,2-Dibromoethane  
 Concen: 20.743 ug/l  
 RT: 11.78 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

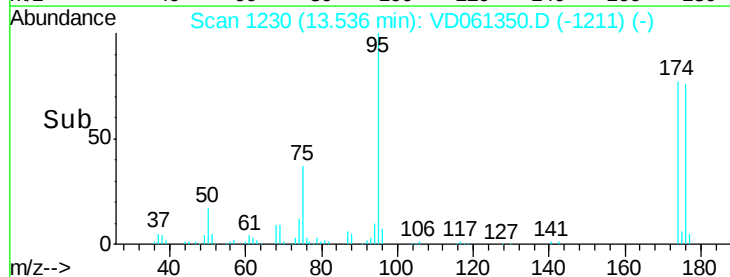
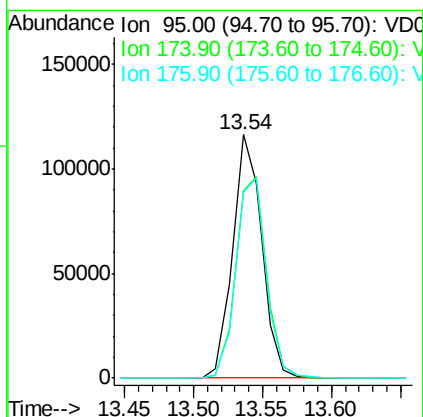
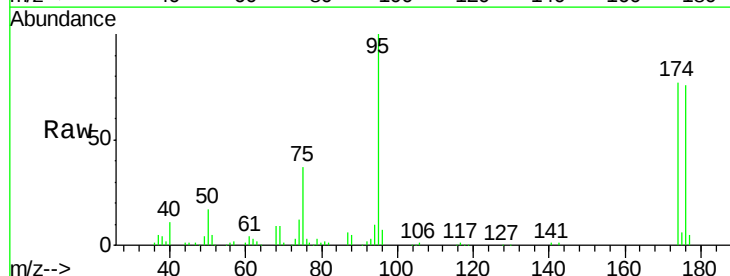
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

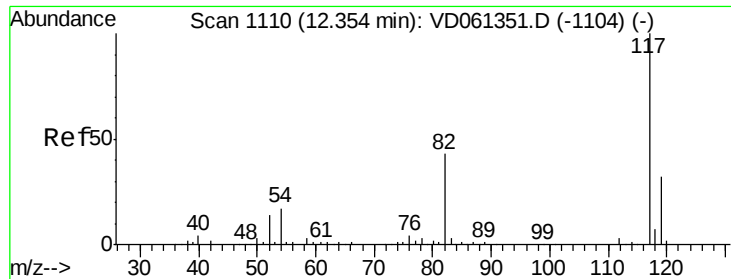
Tgt Ion: 107 Resp: 143296  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 20.743 ug/l  
 RT: 13.54 min Scan# 1230  
 Delta R.T. -0.01 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 95 Resp: 171218  
 Ion Ratio Lower Upper  
 95 100  
 174 77.0 0.0 178.0  
 176 76.1 0.0 175.0

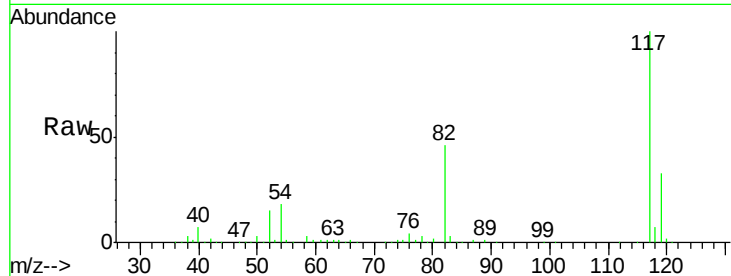




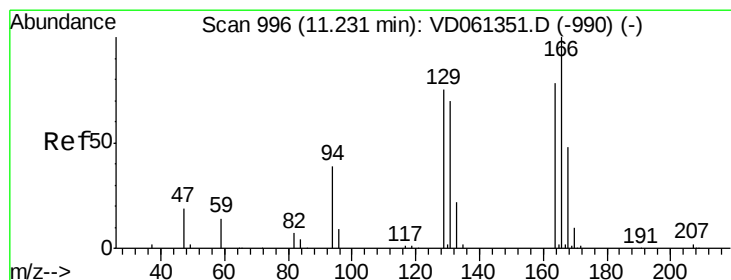
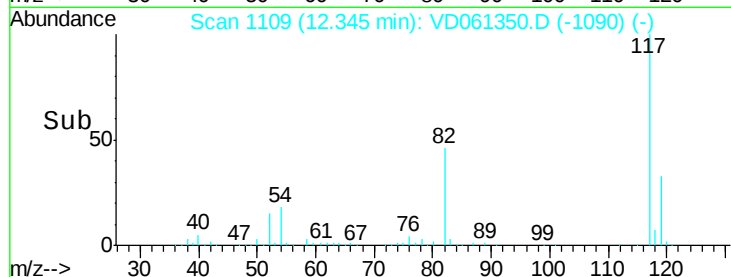
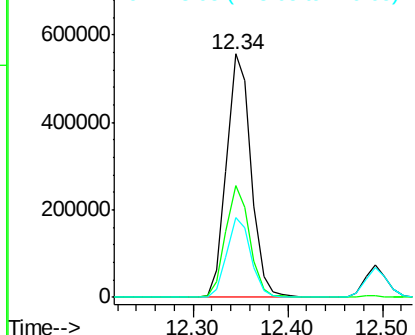
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.34 min Scan# 1109  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion:117 Resp: 1000877  
Ion Ratio Lower Upper  
117 100  
82 45.8 34.4 51.6  
119 32.6 25.8 38.6

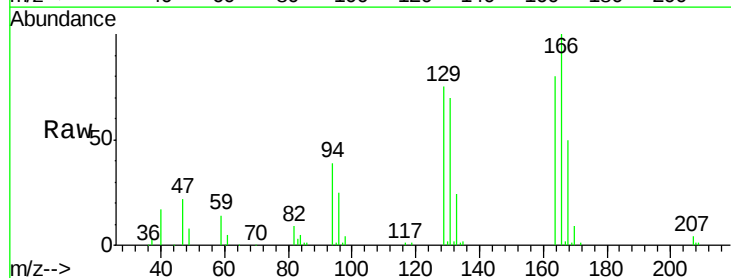


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

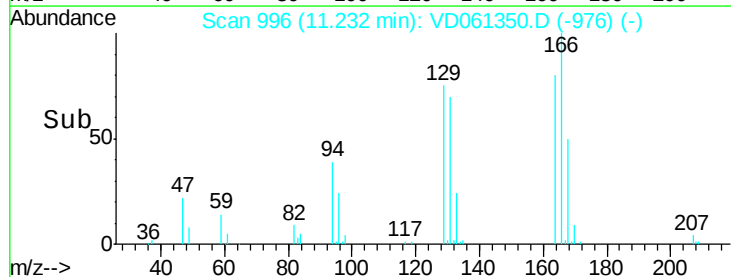
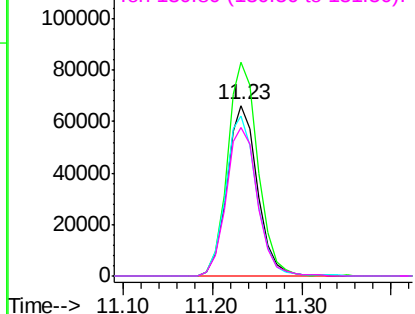


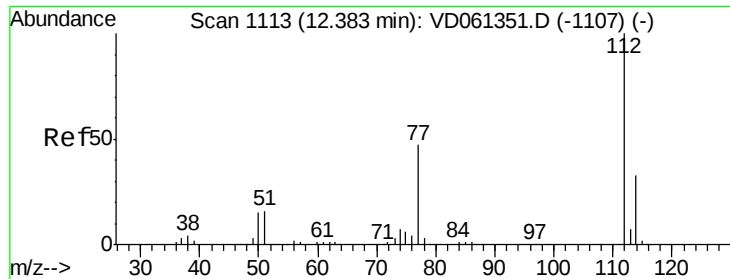
#64  
Tetrachloroethene  
Concen: 20.200 ug/l  
RT: 11.23 min Scan# 996  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion:164 Resp: 158671  
Ion Ratio Lower Upper  
164 100  
166 125.4 102.4 153.6  
129 94.1 76.8 115.2  
131 87.3 71.8 107.6



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

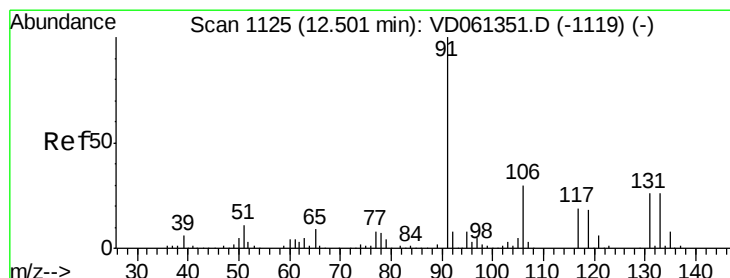
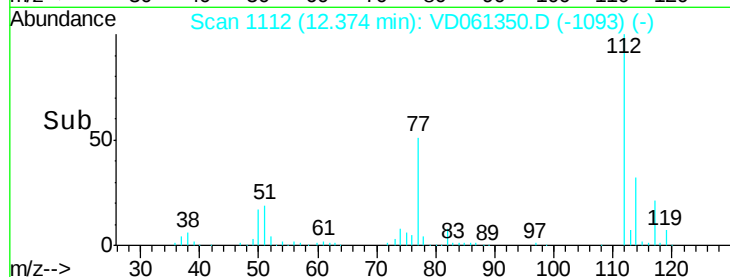
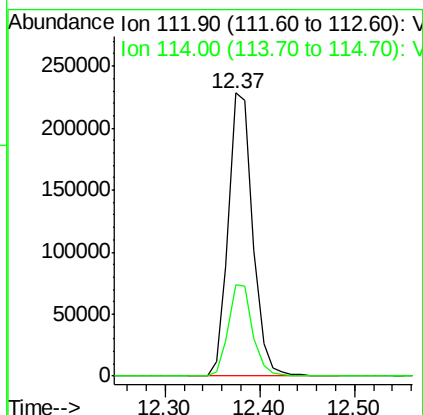
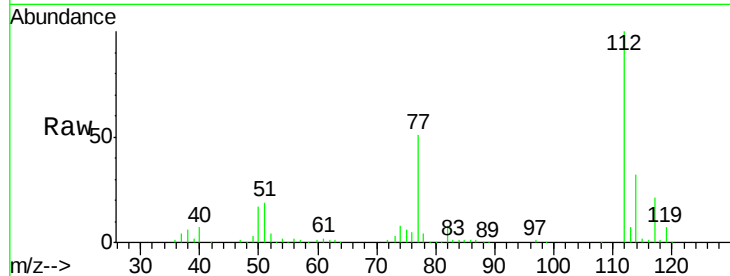




#65  
Chlorobenzene  
Concen: 19.998 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

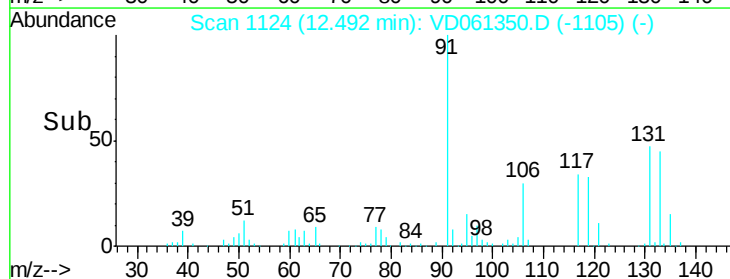
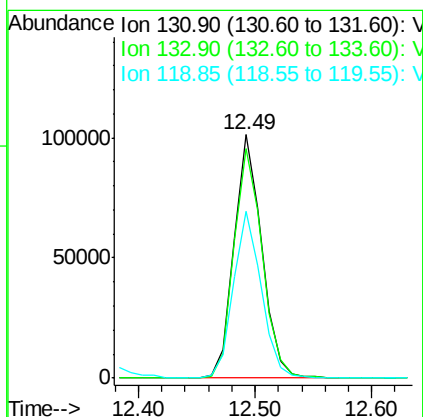
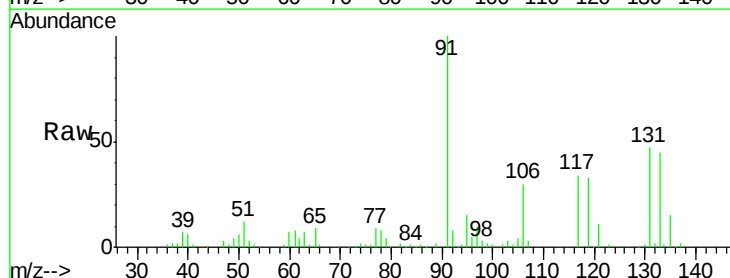
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

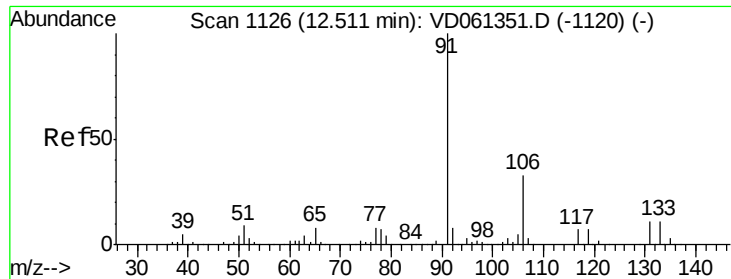
Tgt Ion:112 Resp: 409048  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.111 ug/l  
RT: 12.49 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion:131 Resp: 167198  
Ion Ratio Lower Upper  
131 100  
133 94.3 49.4 148.2  
119 68.7 34.1 102.2

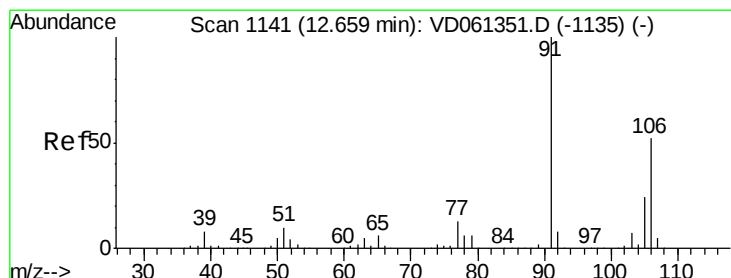
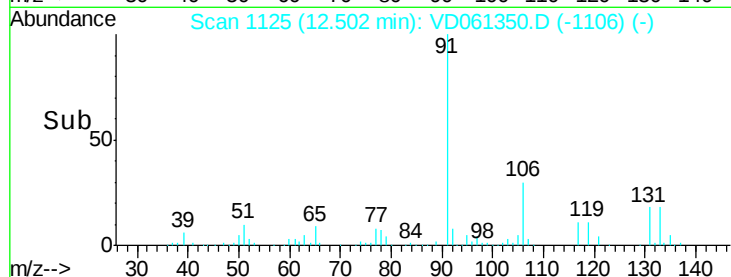
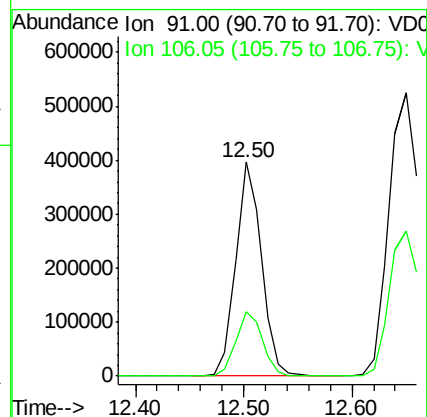
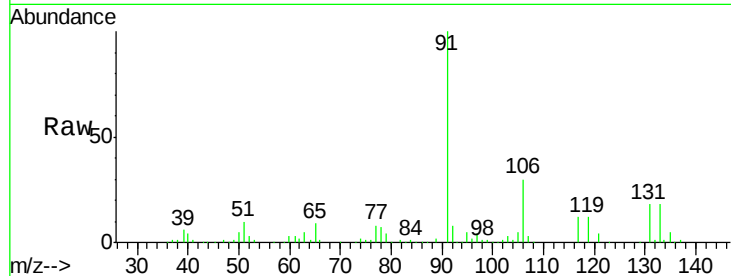




#67  
Ethyl Benzene  
Concen: 21.024 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

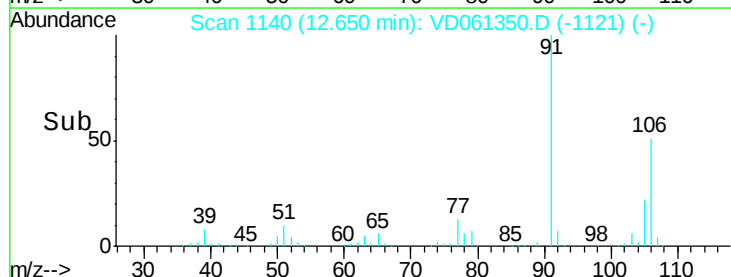
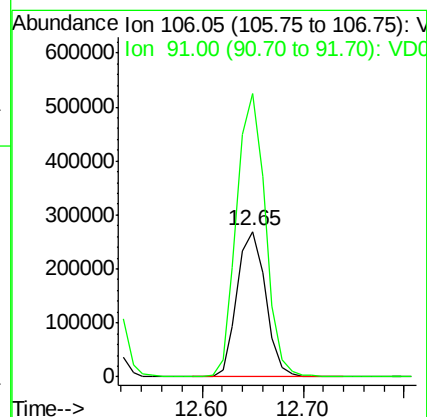
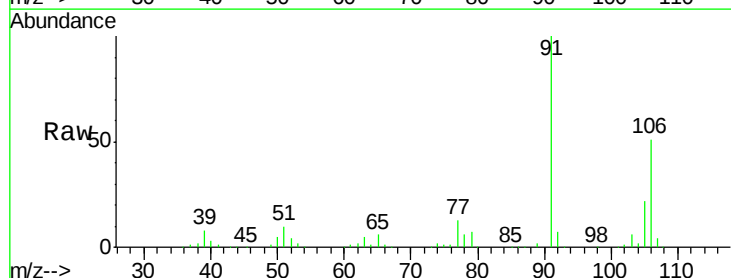
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

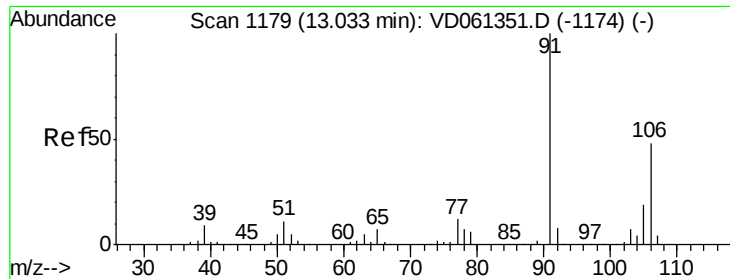
Tgt Ion: 91 Resp: 656387  
Ion Ratio Lower Upper  
91 100  
106 30.1 26.1 39.1



#68  
m/p-Xylenes  
Concen: 45.207 ug/l  
RT: 12.65 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion: 106 Resp: 534653  
Ion Ratio Lower Upper  
106 100  
91 194.3 153.1 229.7

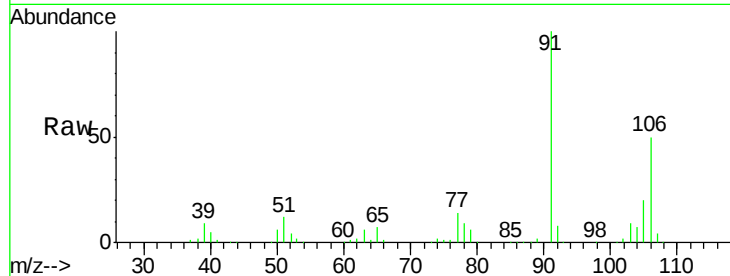




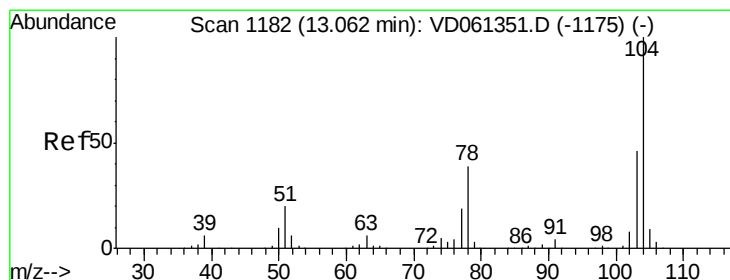
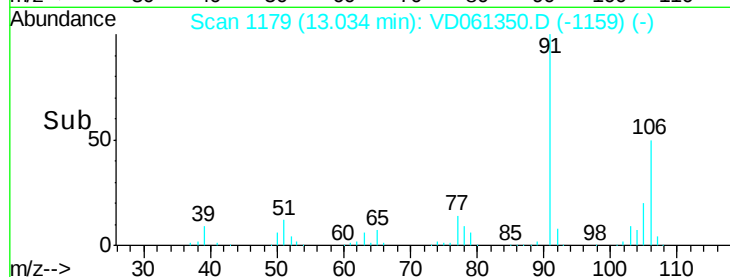
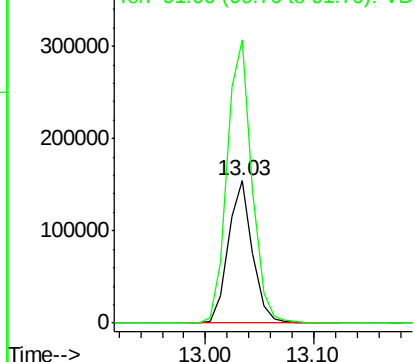
#69  
o-Xylene  
Concen: 20.647 ug/l  
RT: 13.03 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion:106 Resp: 236962  
Ion Ratio Lower Upper  
106 100  
91 199.0 103.8 311.3

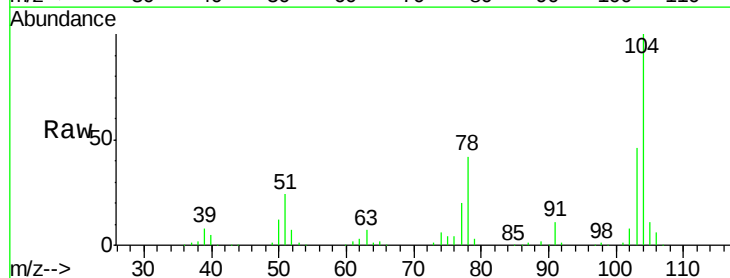


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

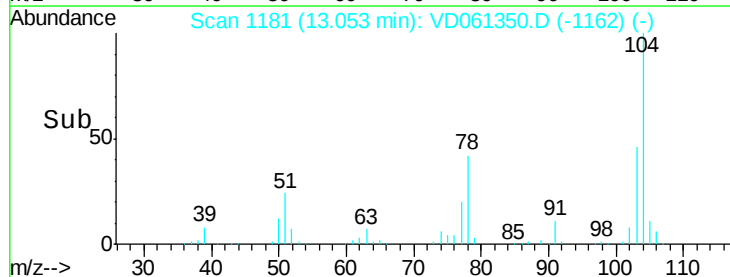
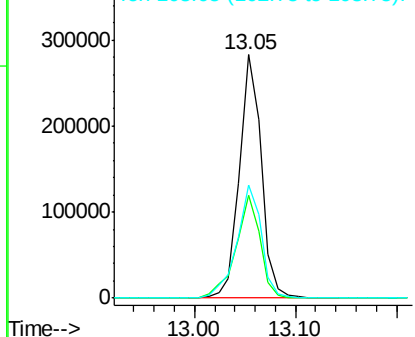


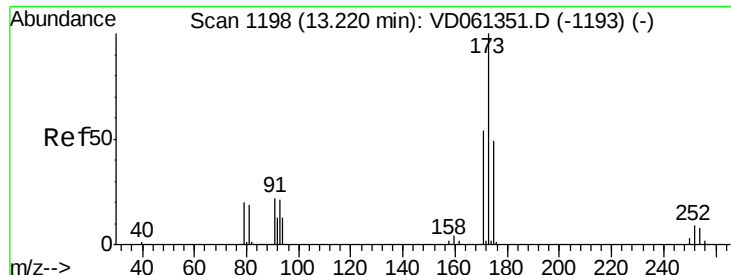
#70  
Styrene  
Concen: 21.308 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: VD061350.D  
Acq: 27 Mar 2019 12:39

Tgt Ion:104 Resp: 426307  
Ion Ratio Lower Upper  
104 100  
78 42.1 31.0 46.6  
103 46.5 37.0 55.4



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





#71

Bromoform

Concen: 19.887 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

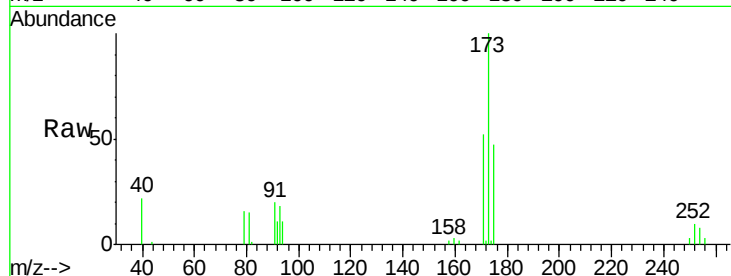
Tgt Ion:173 Resp: 99839

Ion Ratio Lower Upper

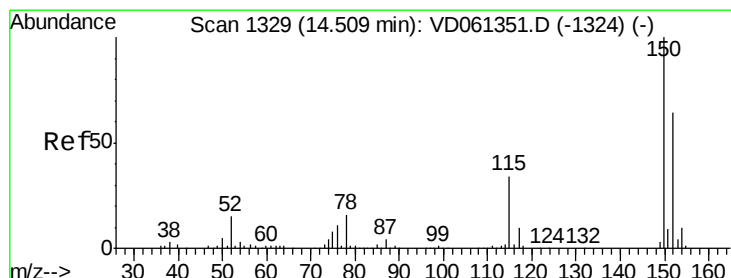
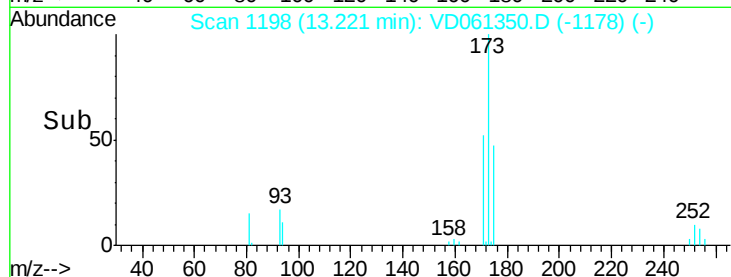
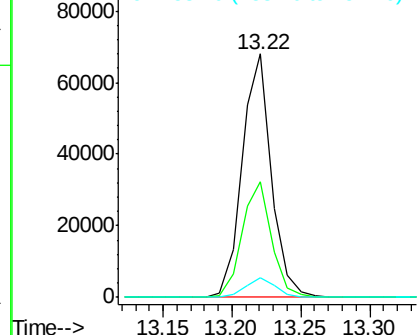
173 100

175 47.5 24.6 73.8

254 8.2 6.6 10.0



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: 50.000 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. -0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

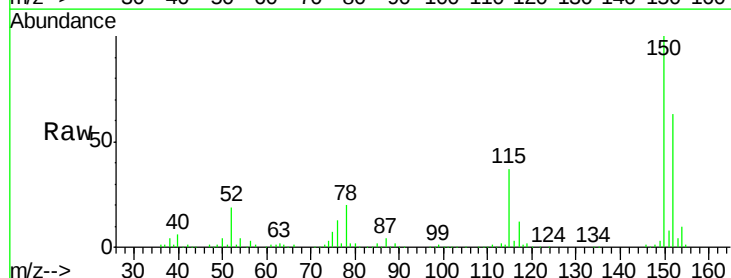
Tgt Ion:152 Resp: 466306

Ion Ratio Lower Upper

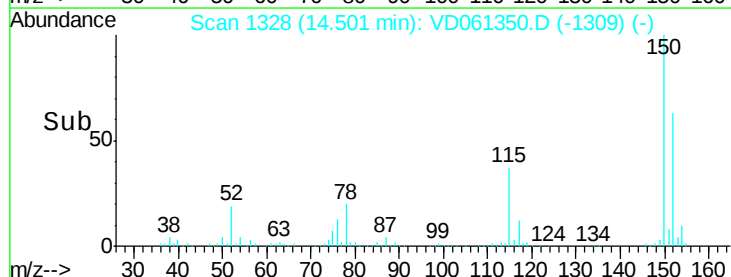
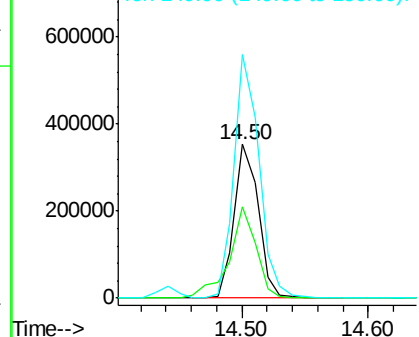
152 100

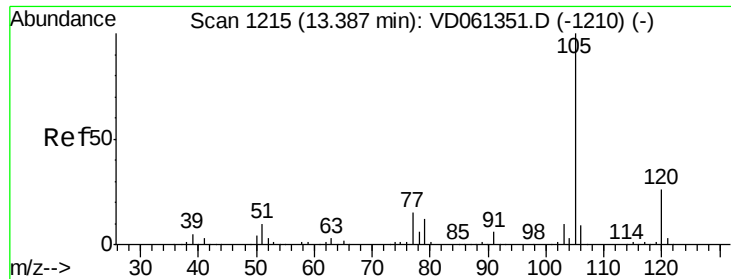
115 59.2 26.9 80.6

150 158.4 0.0 318.0



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: 20.333 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

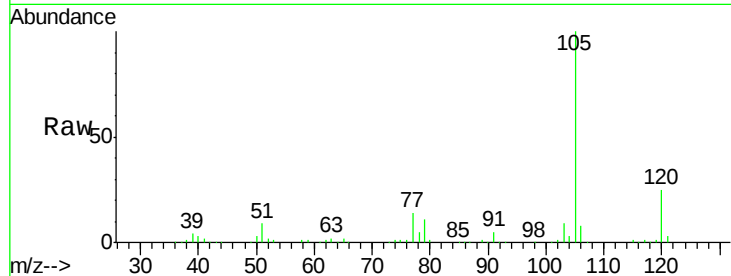
VSTDIC020

Tgt Ion: 105 Resp: 659891

Ion Ratio Lower Upper

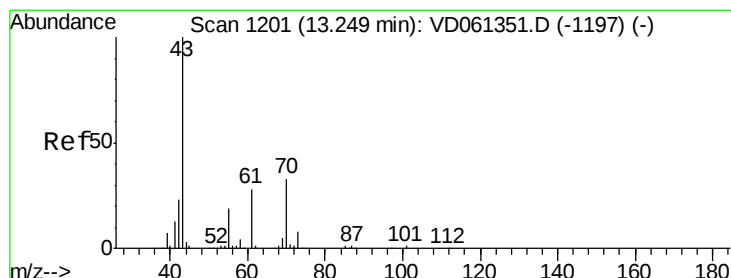
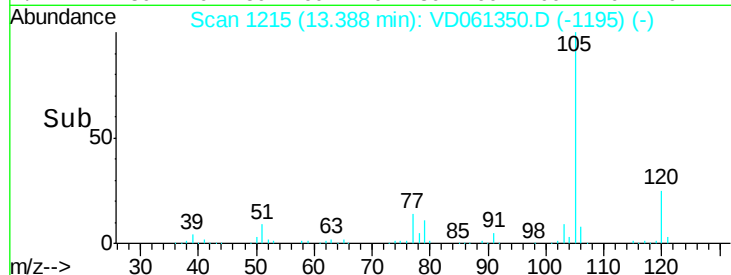
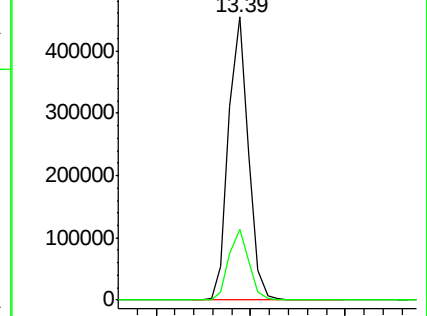
105 100

120 25.0 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 18.913 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Tgt Ion: 43 Resp: 170991

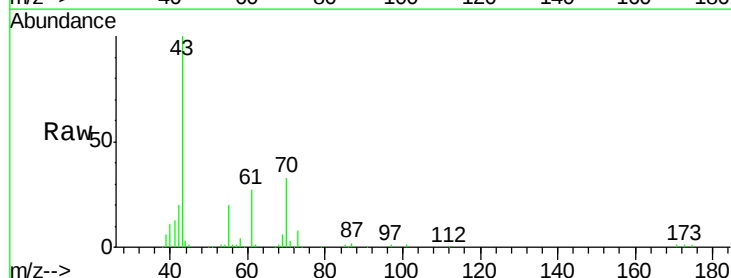
Ion Ratio Lower Upper

43 100

70 32.8 26.6 40.0

55 19.7 15.4 23.2

61 27.4 22.2 33.4

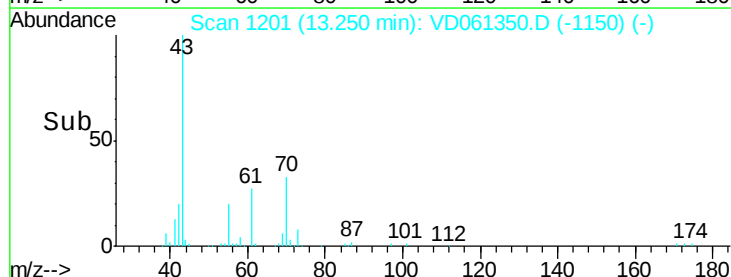
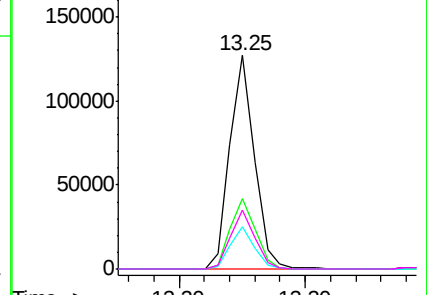


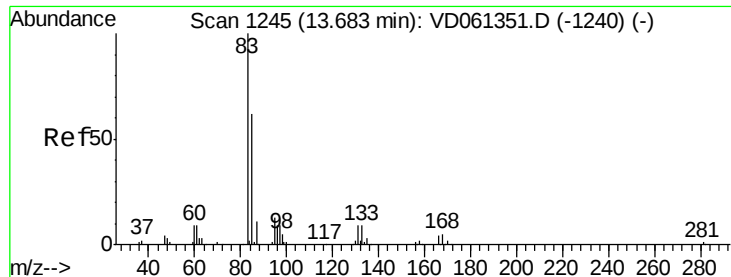
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 19.951 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

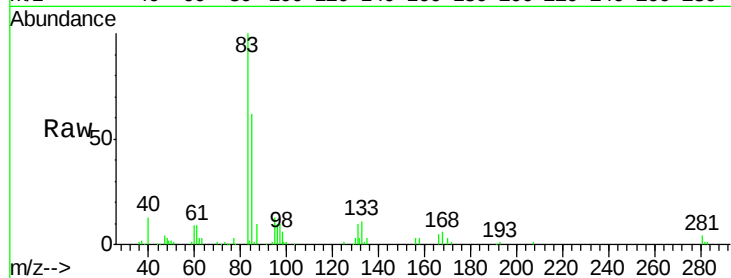
Tgt Ion: 83 Resp: 136591

Ion Ratio Lower Upper

83 100

131 10.0 4.3 13.1

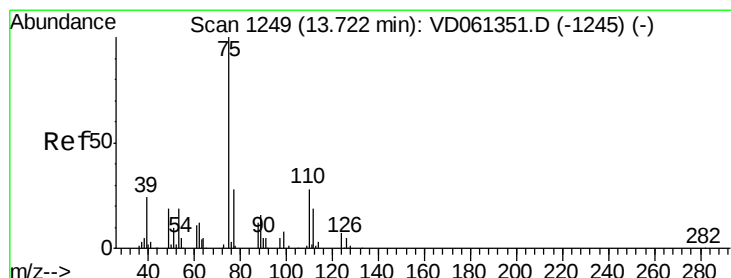
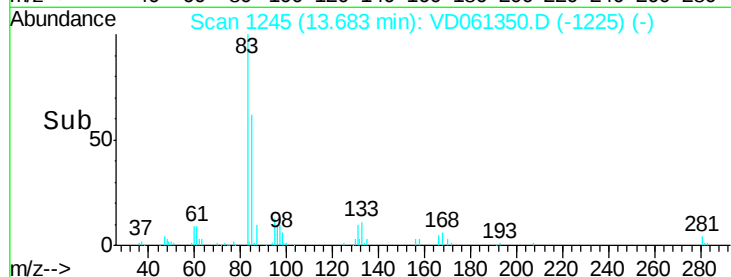
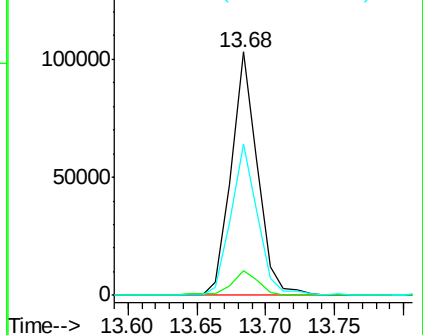
85 62.4 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 20.454 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VD061350.D

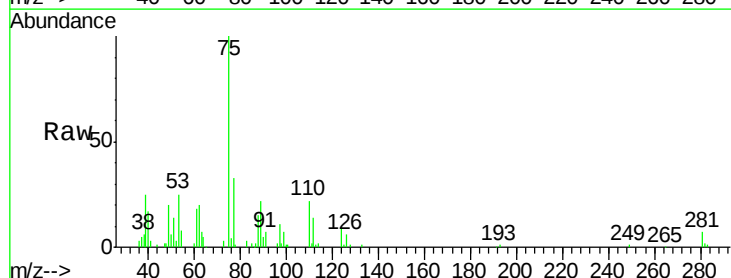
Acq: 27 Mar 2019 12:39

Tgt Ion: 75 Resp: 137778

Ion Ratio Lower Upper

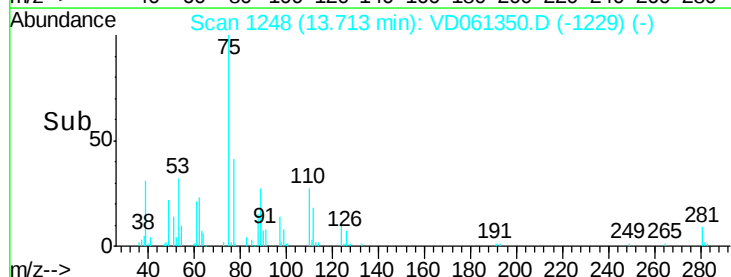
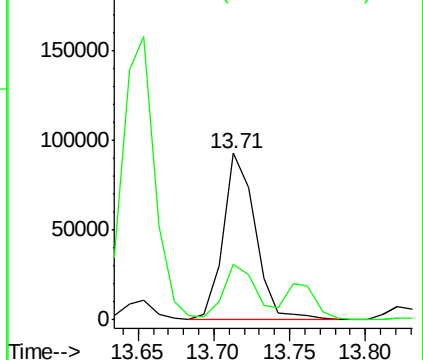
75 100

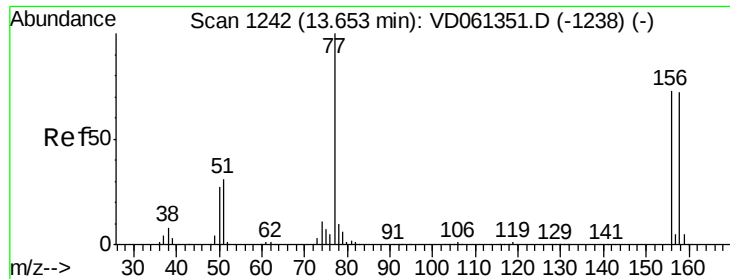
77 33.1 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.430 ug/l

RT: 13.65 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

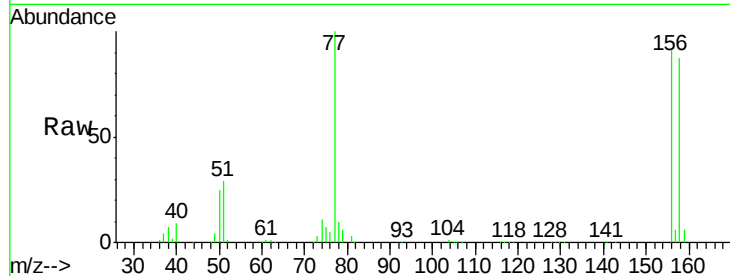
Tgt Ion:156 Resp: 196566

Ion Ratio Lower Upper

156 100

77 110.5 68.5 205.6

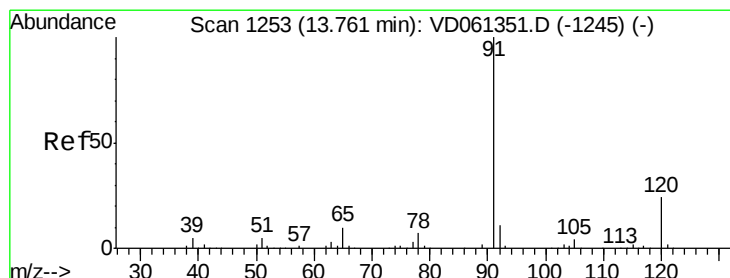
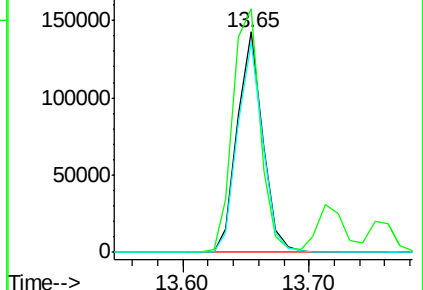
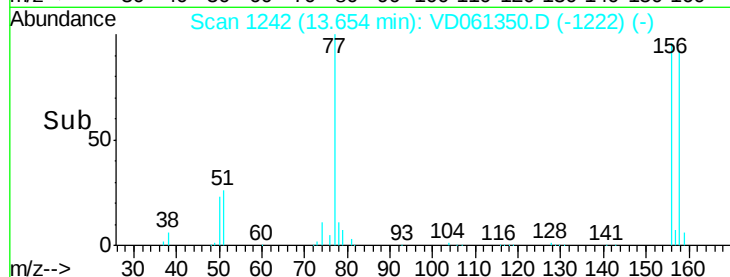
158 95.7 49.1 147.3



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: 20.766 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VD061350.D

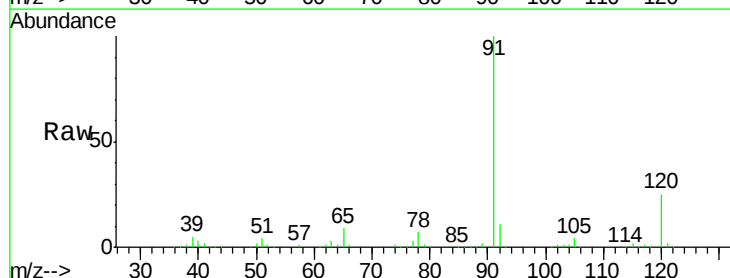
Acq: 27 Mar 2019 12:39

Tgt Ion: 91 Resp: 824752

Ion Ratio Lower Upper

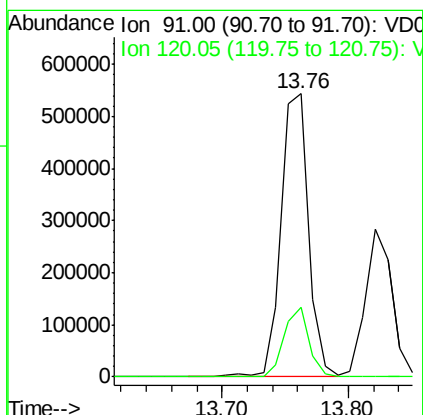
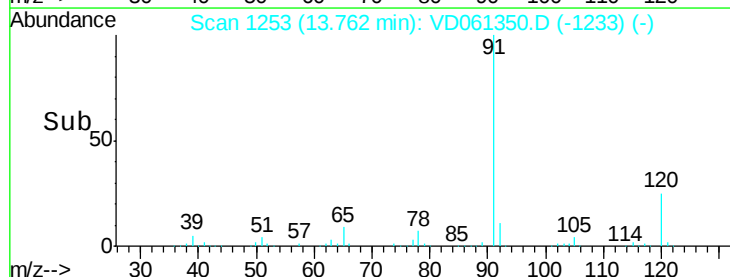
91 100

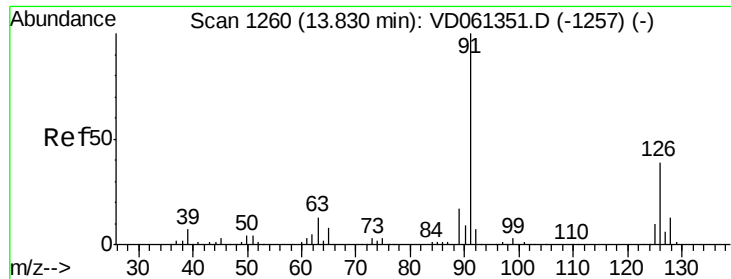
120 24.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 19.146 ug/l

RT: 13.82 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

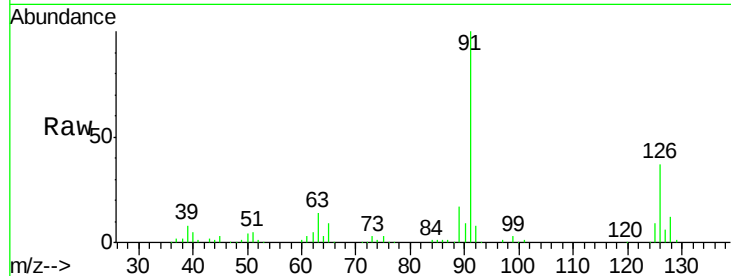
VSTDIC020

Tgt Ion: 91 Resp: 412876

Ion Ratio Lower Upper

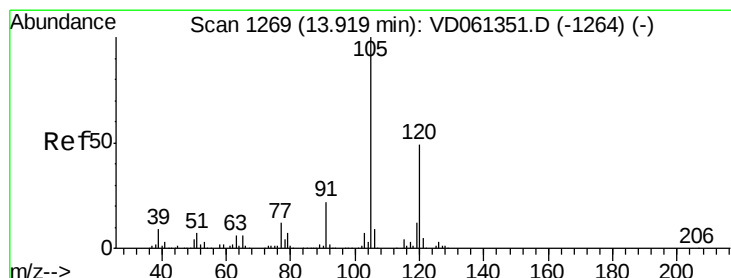
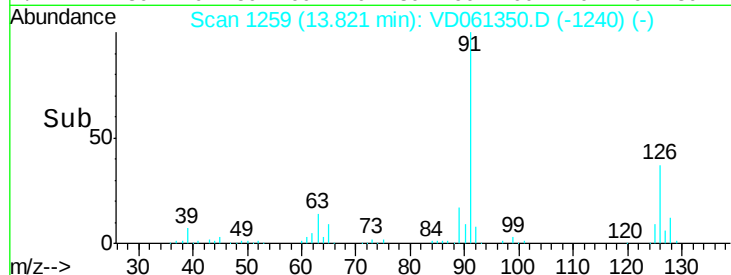
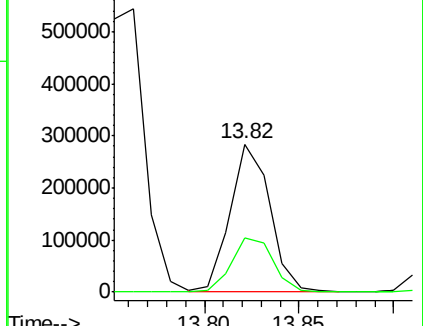
91 100

126 36.9 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 19.053 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD061350.D

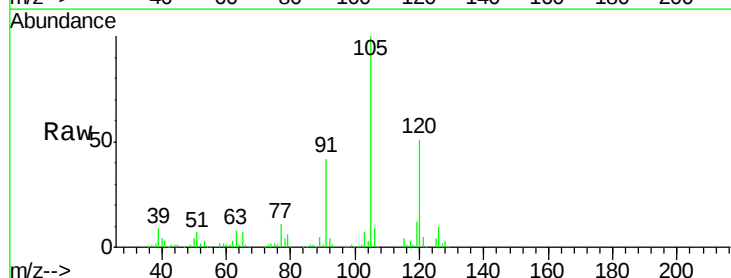
Acq: 27 Mar 2019 12:39

Tgt Ion: 105 Resp: 510996

Ion Ratio Lower Upper

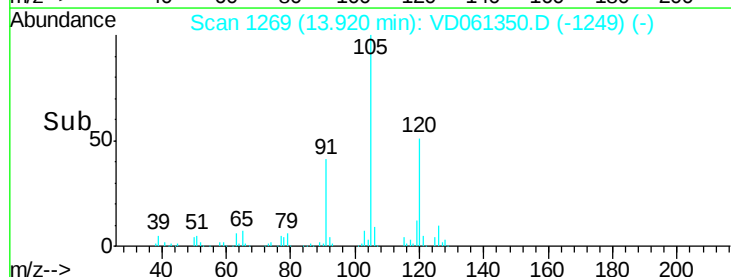
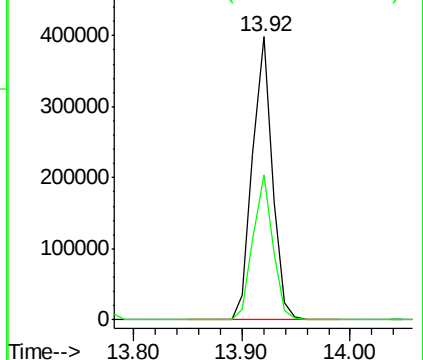
105 100

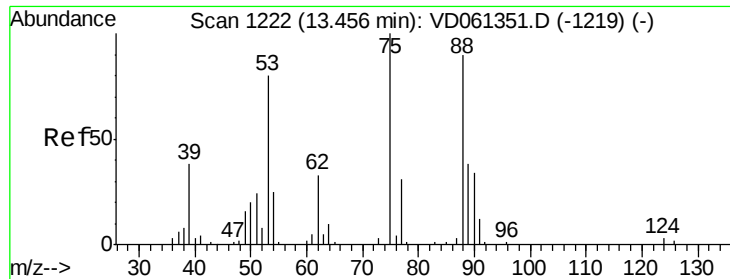
120 51.2 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.547 ug/l

RT: 13.46 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

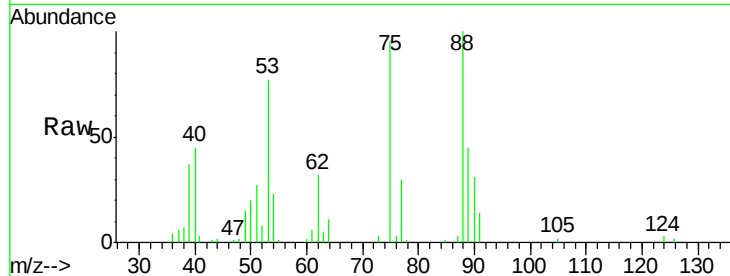
Tgt Ion: 75 Resp: 38092

Ion Ratio Lower Upper

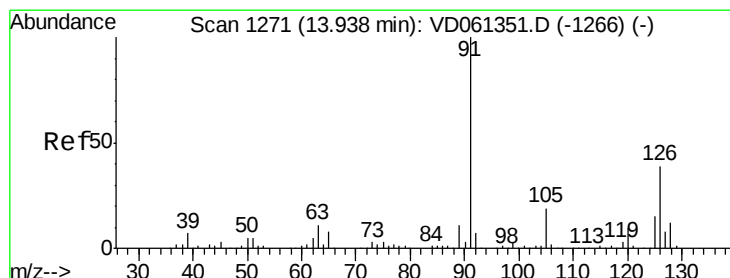
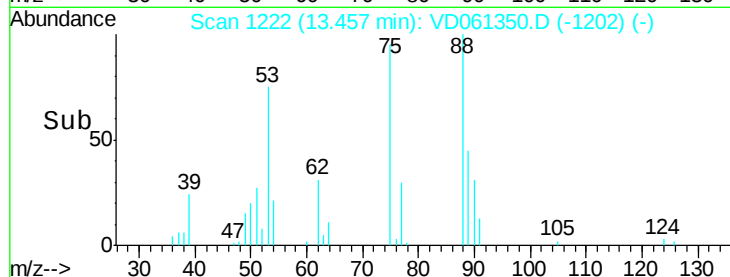
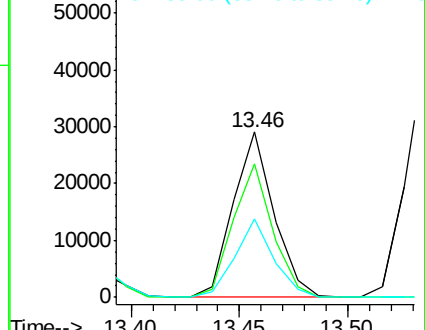
75 100

53 80.9 63.8 95.8

89 47.3 30.5 45.7#



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



#82

4-Chlorotoluene

Concen: 20.931 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD061350.D

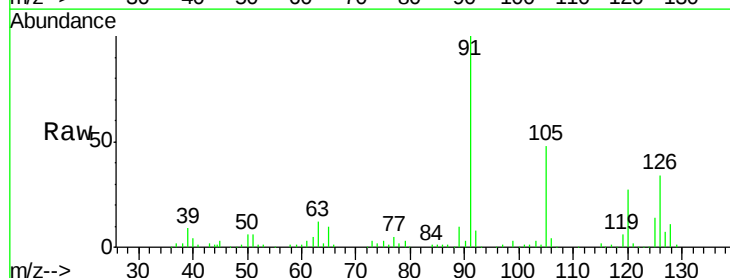
Acq: 27 Mar 2019 12:39

Tgt Ion: 91 Resp: 490793

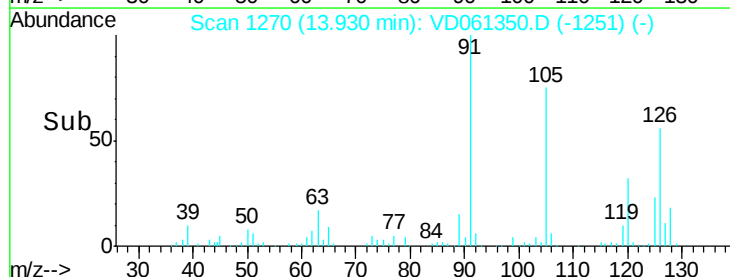
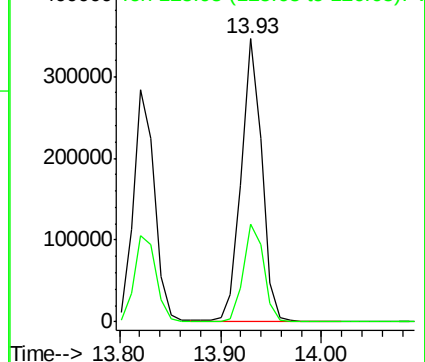
Ion Ratio Lower Upper

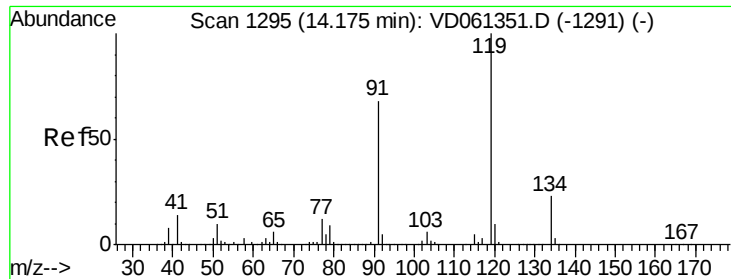
91 100

126 34.4 19.6 58.8



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

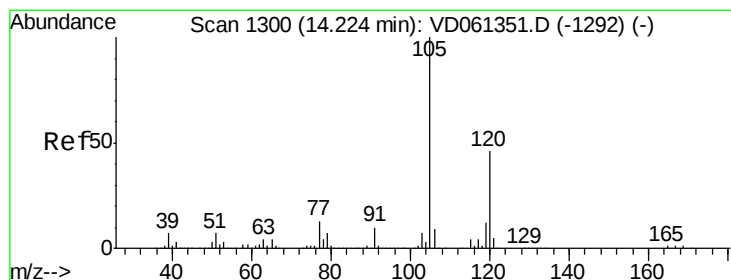
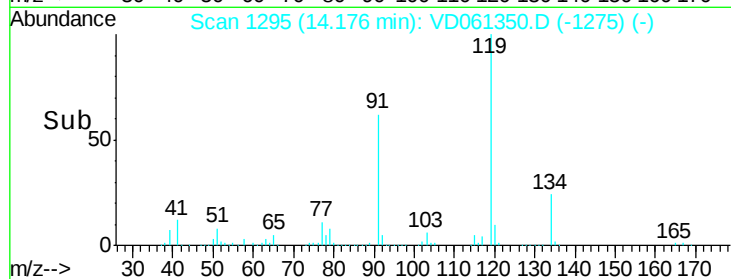
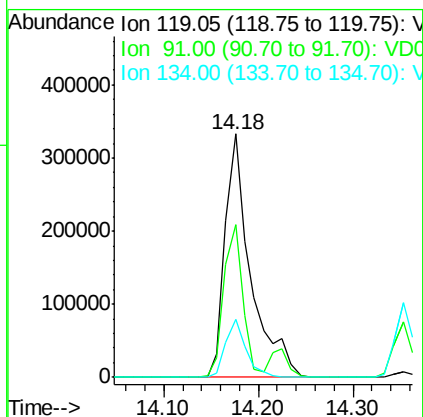
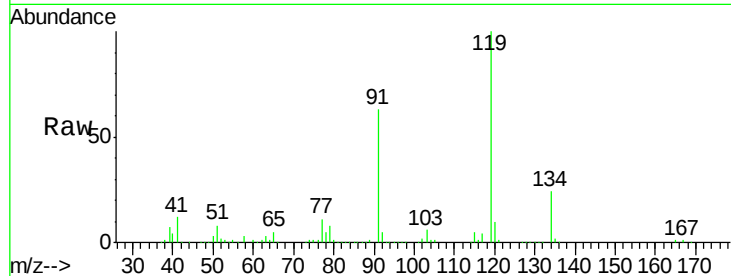




#83  
 tert-Butylbenzene  
 Concen: 19.919 ug/l  
 RT: 14.18 min Scan# 1295  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

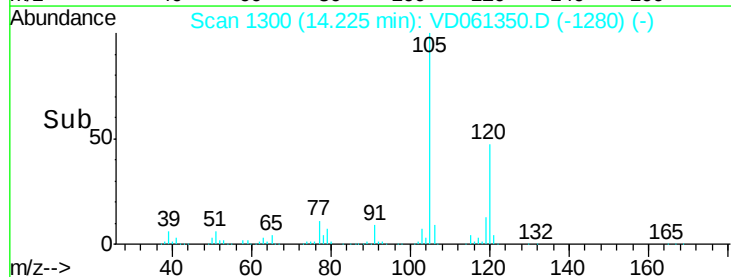
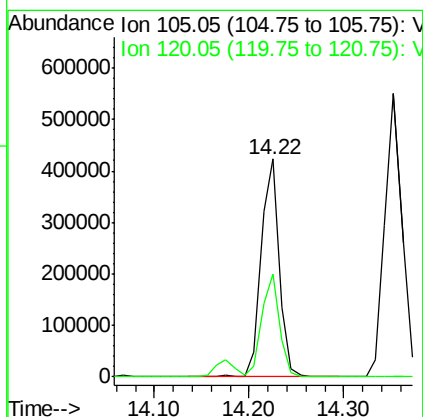
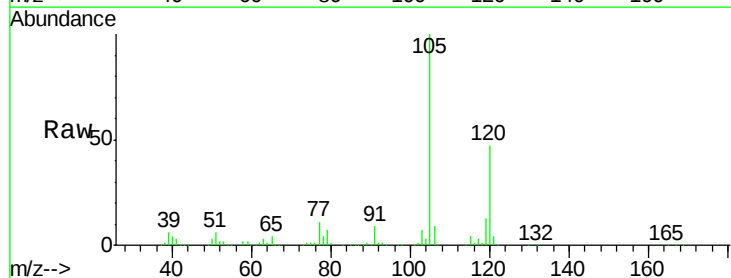
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

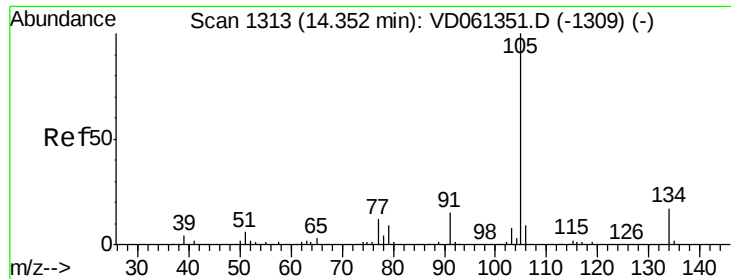
Tgt Ion:119 Resp: 626852  
 Ion Ratio Lower Upper  
 119 100  
 91 62.8 34.1 102.3  
 134 24.0 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.738 ug/l  
 RT: 14.22 min Scan# 1300  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion:105 Resp: 565356  
 Ion Ratio Lower Upper  
 105 100  
 120 47.2 22.8 68.4

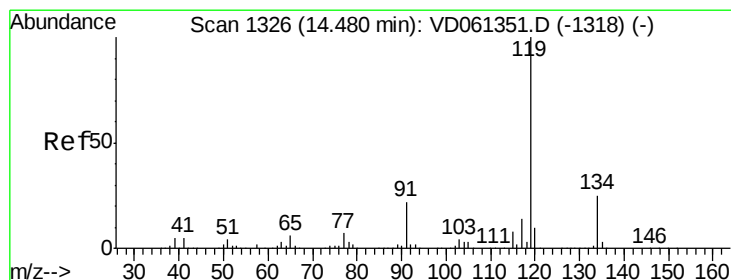
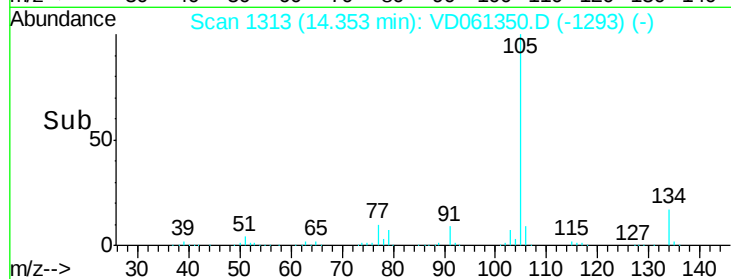
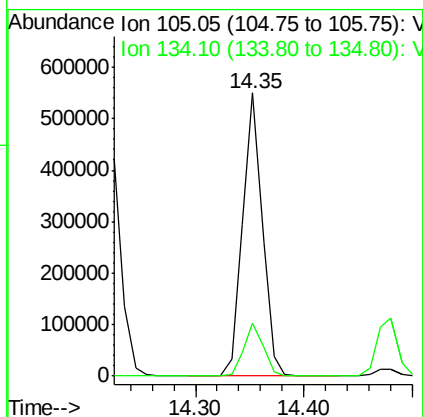
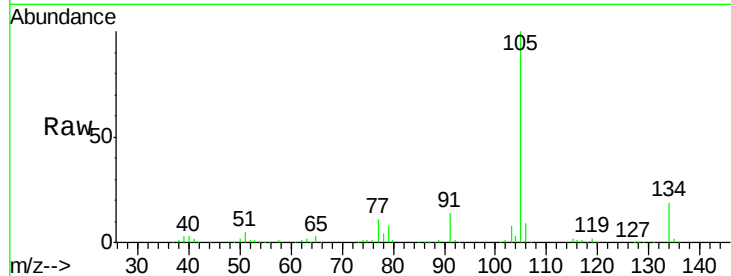




#85  
 sec-Butylbenzene  
 Concen: 20.903 ug/l  
 RT: 14.35 min Scan# 1313  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

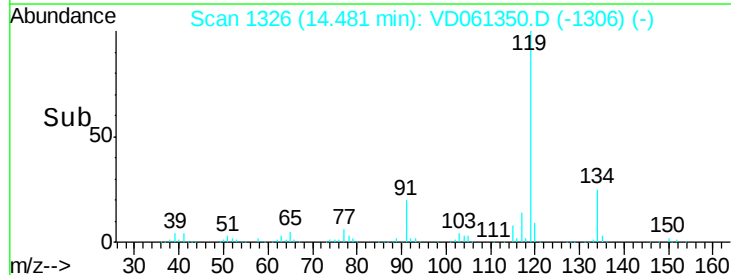
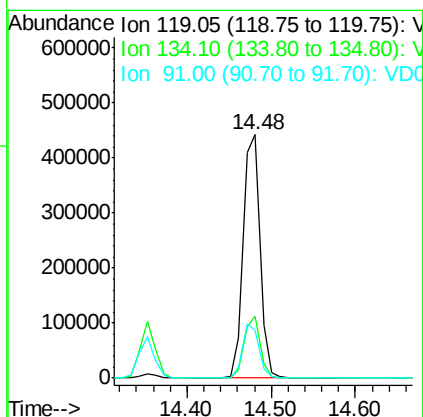
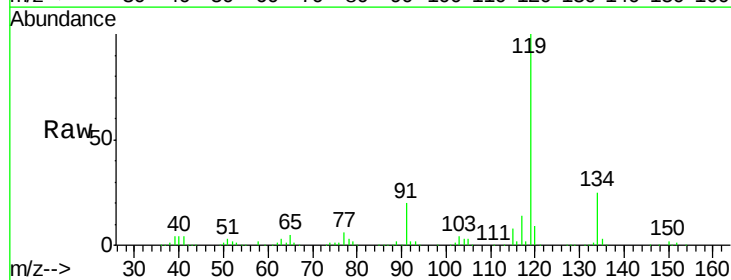
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

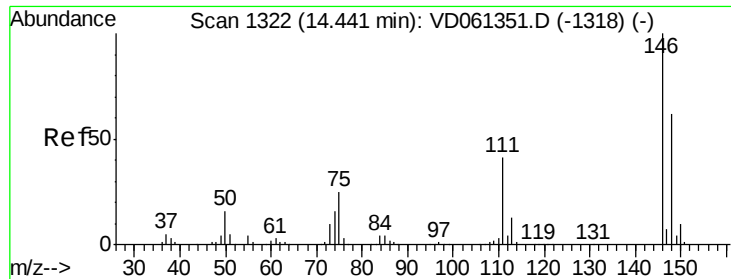
Tgt Ion:105 Resp: 698814  
 Ion Ratio Lower Upper  
 105 100  
 134 18.5 8.7 26.1



#86  
 p-Isopropyltoluene  
 Concen: 21.772 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion:119 Resp: 615491  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.3 36.8  
 91 19.6 11.1 33.1

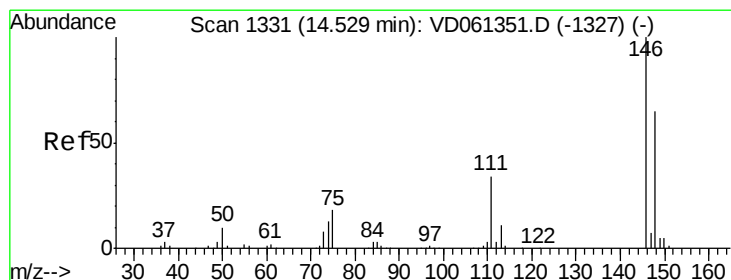
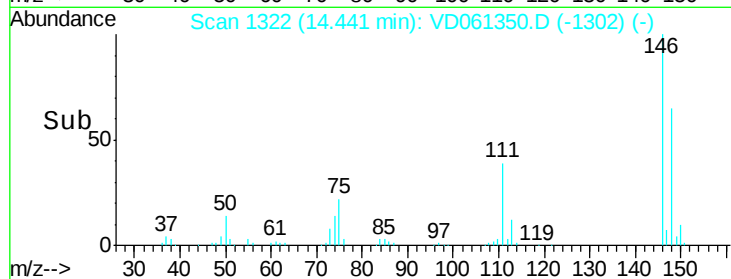
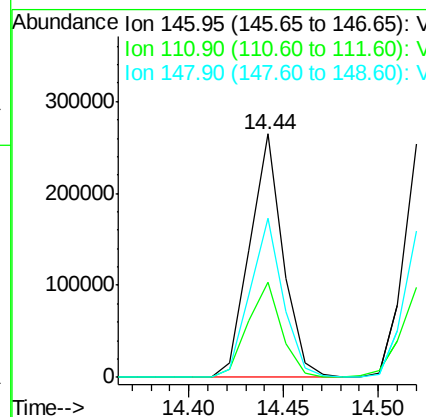
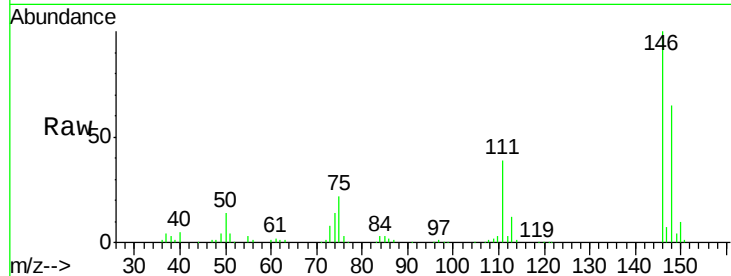




#87  
 1,3-Dichlorobenzene  
 Concen: 19.790 ug/l  
 RT: 14.44 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

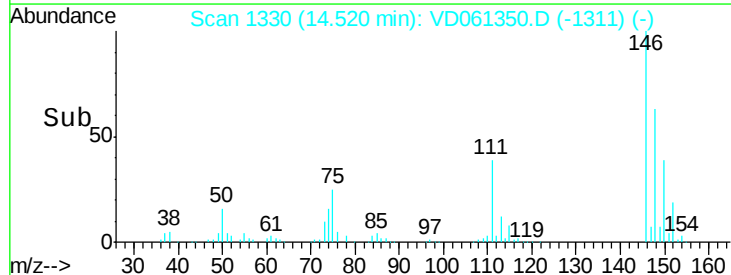
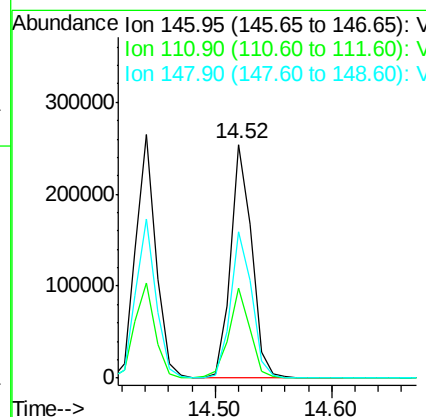
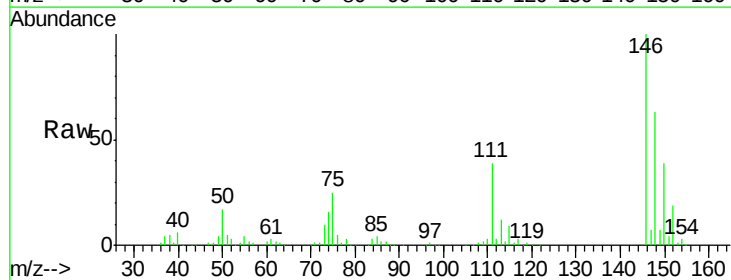
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

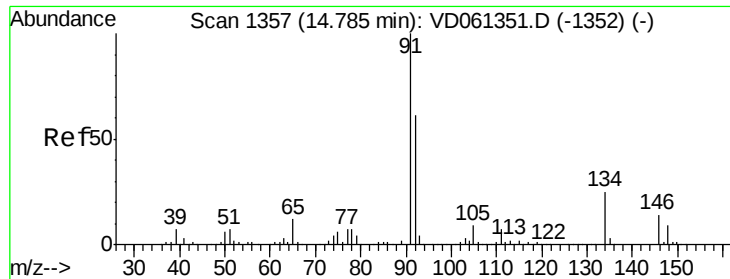
Tgt Ion:146 Resp: 322428  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 20.6 61.9  
 148 65.3 31.1 93.3



#88  
 1,4-Dichlorobenzene  
 Concen: 20.166 ug/l  
 RT: 14.52 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion:146 Resp: 320415  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 16.8 50.4  
 148 62.8 32.6 98.0





#89

n-Butylbenzene

Concen: 21.324 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

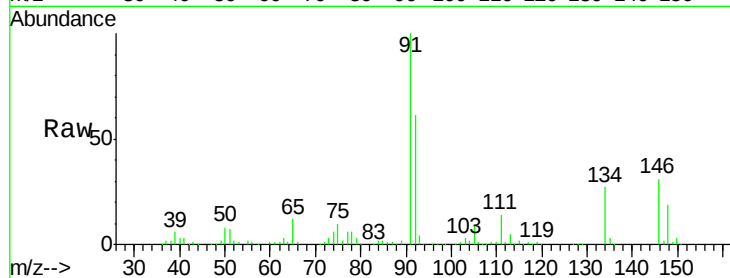
Tgt Ion: 91 Resp: 553281

Ion Ratio Lower Upper

91 100

92 60.8 30.3 91.0

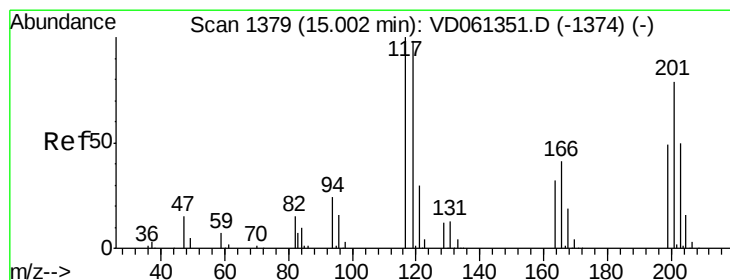
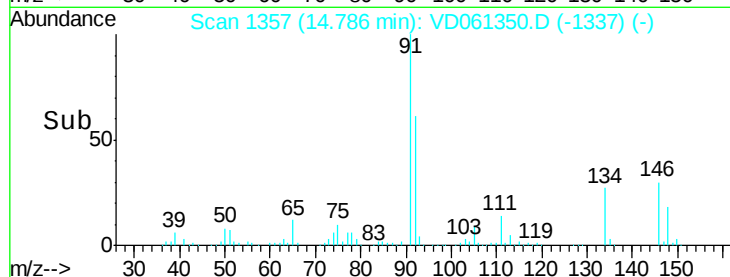
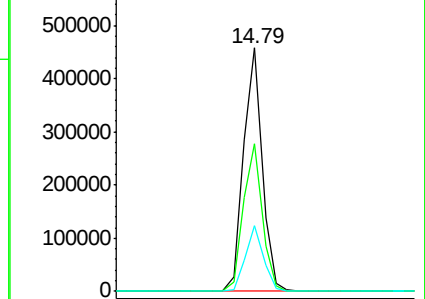
134 27.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 20.025 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VD061350.D

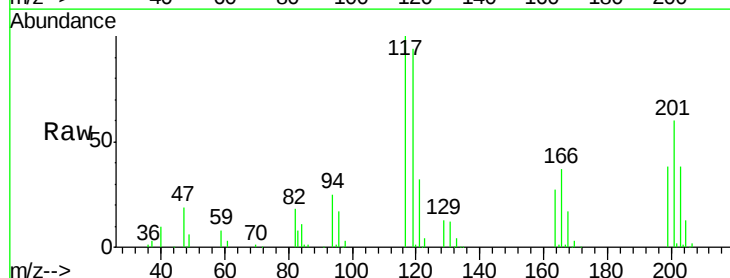
Acq: 27 Mar 2019 12:39

Tgt Ion: 117 Resp: 159927

Ion Ratio Lower Upper

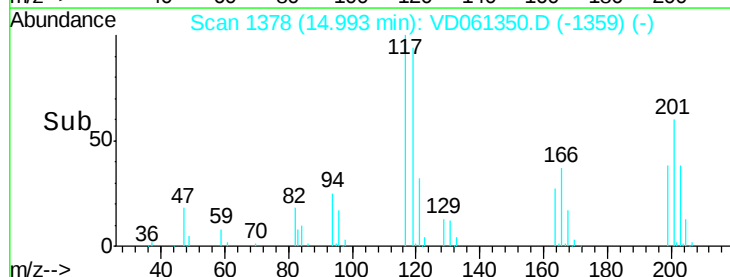
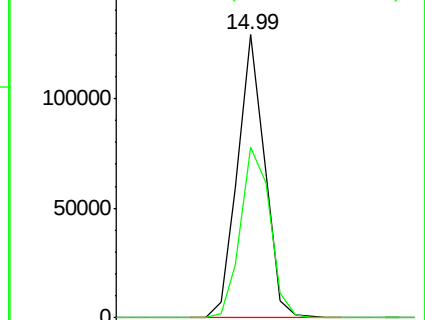
117 100

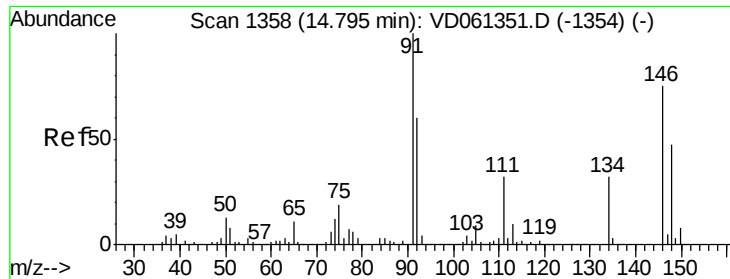
201 60.3 39.6 119.0



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

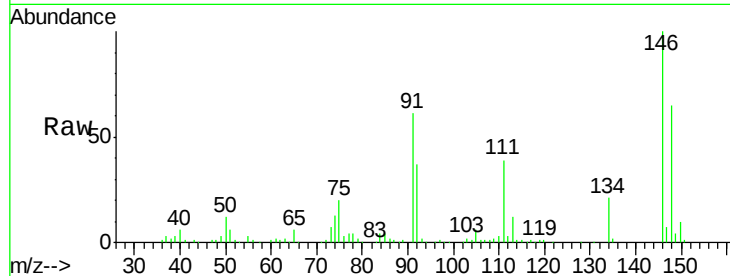




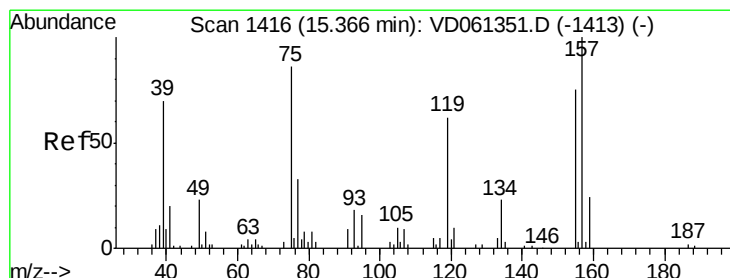
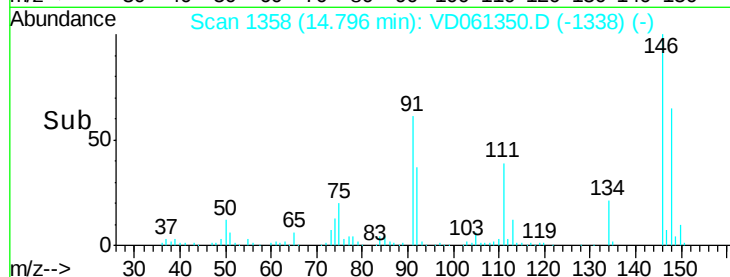
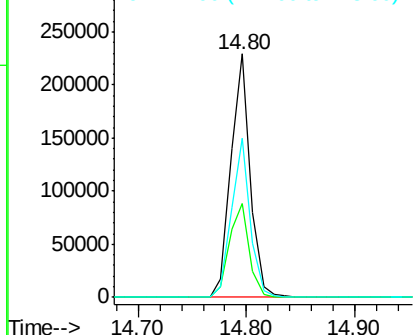
#91  
 1,2-Dichlorobenzene  
 Concen: 21.314 ug/l  
 RT: 14.80 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 146 Resp: 284837  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 21.2 63.6  
 148 65.2 31.6 95.0

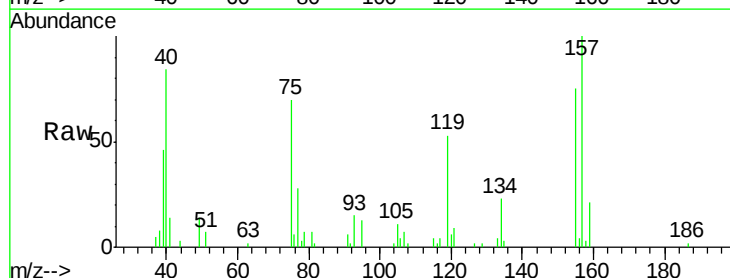


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

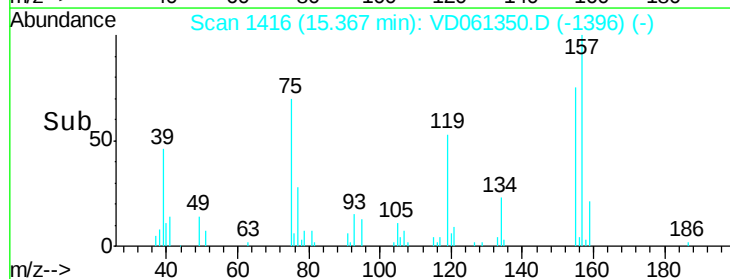
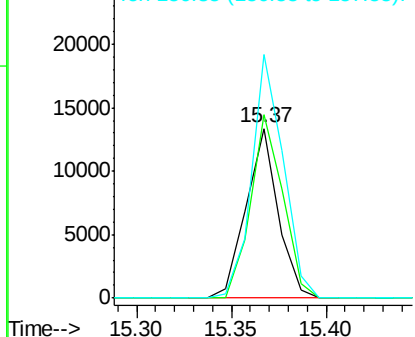


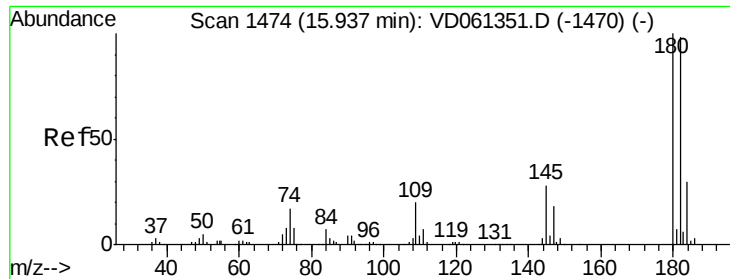
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.519 ug/l  
 RT: 15.37 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion: 75 Resp: 15673  
 Ion Ratio Lower Upper  
 75 100  
 155 108.4 43.6 130.9  
 157 143.6 58.5 175.3



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

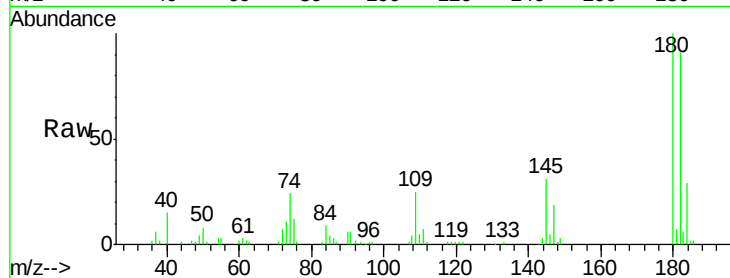




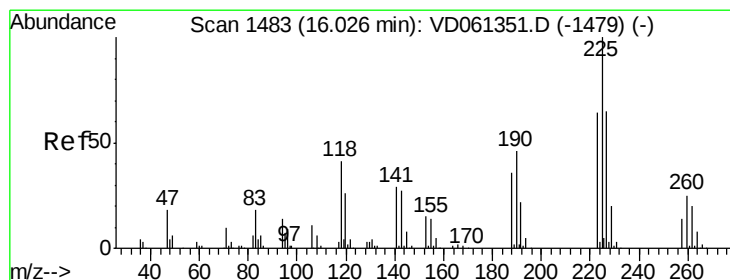
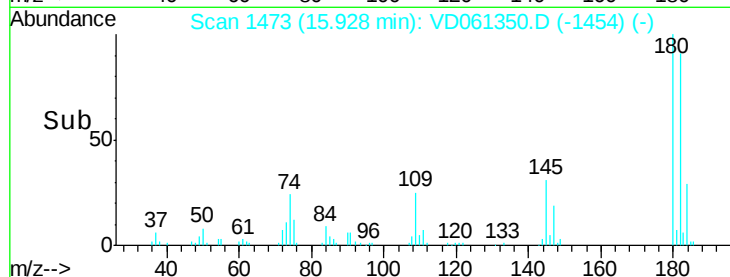
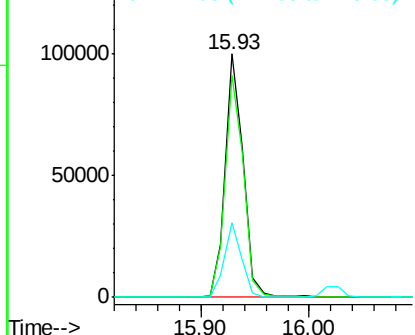
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.104 ug/l  
 RT: 15.93 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:180 Resp: 116299  
 Ion Ratio Lower Upper  
 180 100  
 182 90.9 48.9 146.8  
 145 30.6 14.1 42.3

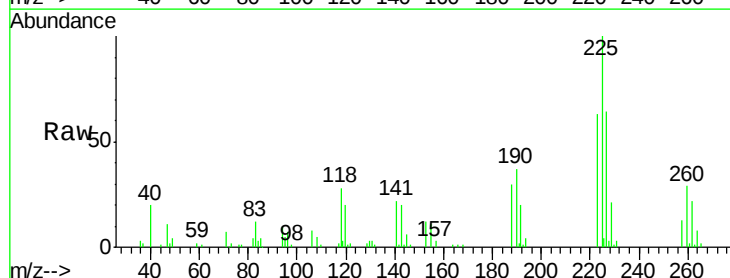


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

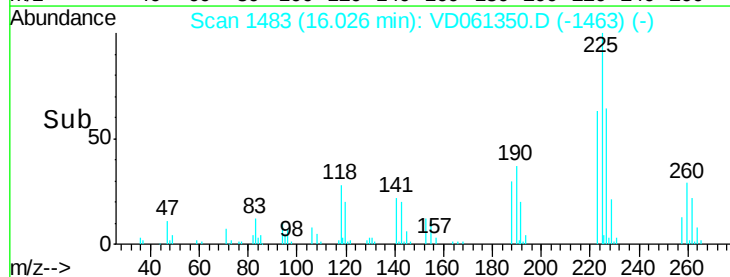
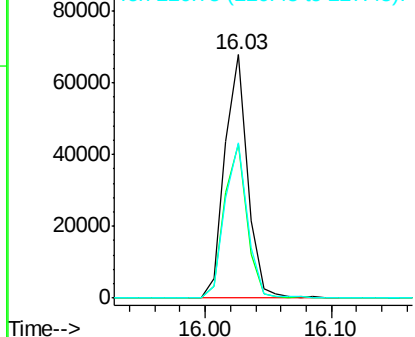


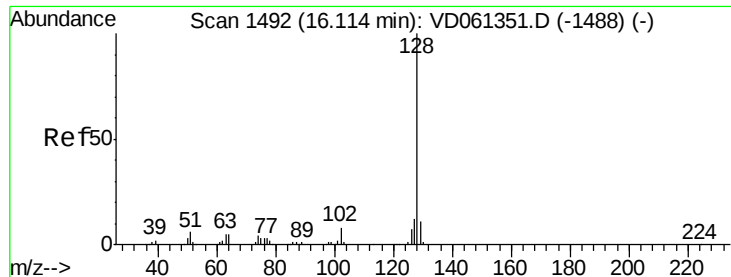
#94  
 Hexachlorobutadiene  
 Concen: 17.733 ug/l  
 RT: 16.03 min Scan# 1483  
 Delta R.T. 0.00 min  
 Lab File: VD061350.D  
 Acq: 27 Mar 2019 12:39

Tgt Ion:225 Resp: 84359  
 Ion Ratio Lower Upper  
 225 100  
 223 63.1 32.0 96.0  
 227 63.9 32.4 97.2



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: 17.307 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

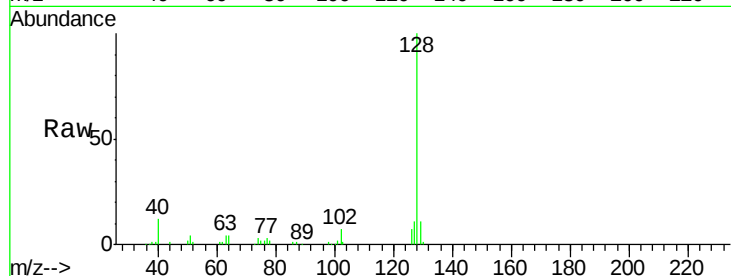
Tgt Ion:128 Resp: 160603

Ion Ratio Lower Upper

128 100

127 11.2 9.9 14.9

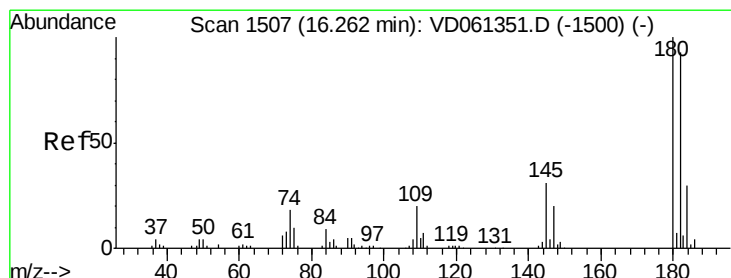
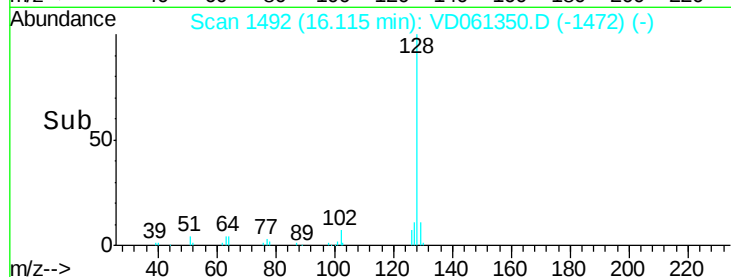
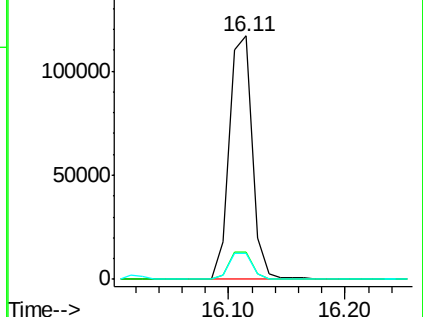
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.710 ug/l

RT: 16.25 min Scan# 1506

Delta R.T. -0.01 min

Lab File: VD061350.D

Acq: 27 Mar 2019 12:39

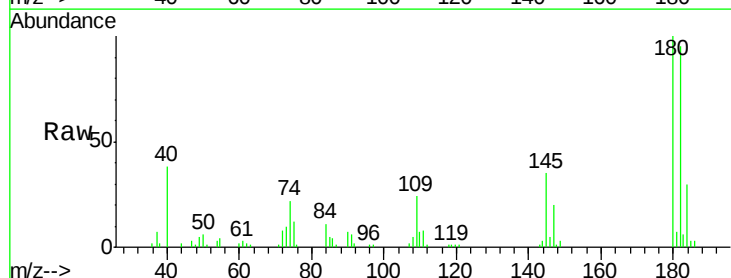
Tgt Ion:180 Resp: 50122

Ion Ratio Lower Upper

180 100

182 95.2 46.4 139.1

145 34.6 15.3 45.9



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

