

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\  
 Data File : VD063253.D  
 Acq On : 30 Jul 2019 20:56  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 31 01:33:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 1046720  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1407531  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1138645  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 587397   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 557295   | 47.98 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.96% |          |
| 35) Dibromofluoromethane    | 6.91  | 113  | 599423   | 49.88 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.76% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1340859  | 49.86 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.72% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 580572   | 47.37 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.74% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 548175   | 42.844  | ug/l   | 97     |
| 3) Chloromethane              | 1.74 | 50   | 469663   | 47.246  | ug/l # | 89     |
| 4) Vinyl Chloride             | 1.84 | 62   | 452873   | 44.007  | ug/l   | 97     |
| 5) Bromomethane               | 2.14 | 94   | 247893   | 47.762  | ug/l   | 91     |
| 6) Chloroethane               | 2.26 | 64   | 227425   | 47.866  | ug/l # | 89     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 912477   | 45.705  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.86 | 74   | 123542   | 44.216  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 549452   | 49.684  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.30 | 142  | 752485   | 47.101  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 102314   | 200.736 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 409564   | 50.447  | ug/l   | 81     |
| 13) Acrolein                  | 3.03 | 56   | 94045    | 191.720 | ug/l   | 97     |
| 14) Allyl chloride            | 3.61 | 41   | 570884   | 44.140  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.19 | 53   | 292476   | 221.334 | ug/l   | 93     |
| 16) Acetone                   | 3.22 | 43   | 466871   | 206.313 | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.37 | 76   | 1238938  | 45.592  | ug/l   | 98     |
| 18) Methyl Acetate            | 3.63 | 43   | 185692   | 42.720  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 808807   | 44.103  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.81 | 84   | 404457   | 44.217  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 439901   | 48.290  | ug/l   | 88     |
| 22) Diisopropyl ether         | 5.12 | 45   | 1200839  | 46.473  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.05 | 43   | 3731559  | 234.930 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 798664   | 48.389  | ug/l   | 96     |
| 25) 2-Butanone                | 6.06 | 43   | 492572   | 216.892 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 760385   | 44.704  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96   | 468928   | 48.013  | ug/l   | 92     |
| 28) Bromochloromethane        | 6.43 | 49   | 294964   | 44.854  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 228692   | 212.693 | ug/l   | 98     |
| 30) Chloroform                | 6.65 | 83   | 992669   | 48.463  | ug/l   | 98     |
| 31) Cyclohexane               | 6.95 | 56   | 476040   | 46.014  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 988572   | 49.896  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 596387   | 46.428  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.18 | 43   | 241765   | 41.893  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 1051472  | 54.372  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\  
 Data File : VD063253.D  
 Acq On : 30 Jul 2019 20:56  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/MSVOA D/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jul 31 01:33:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 534929   | 49.982   | ug/l   | 94       |
| 40) Benzene                    | 7.45  | 78   | 1355606  | 50.354   | ug/l   | 96       |
| 41) Methacrylonitrile          | 6.44  | 41   | 317031   | 45.925   | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 672050   | 47.102   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 9.23  | 43   | 336786   | 45.686   | ug/l # | 97       |
| 44) Trichloroethene            | 8.53  | 130  | 521854   | 47.837   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 307649   | 44.959   | ug/l   | 99       |
| 46) Dibromomethane             | 9.06  | 93   | 275225   | 48.373   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 728908   | 50.257   | ug/l # | 98       |
| 48) Methyl methacrylate        | 9.11  | 41   | 231538   | 48.428   | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 41892    | 1034.486 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 1186757  | 236.715  | ug/l   | 98       |
| 52) Toluene                    | 10.50 | 92   | 940024   | 52.498   | ug/l   | 92       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 571381   | 45.695   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 629156   | 47.876   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 273308   | 45.195   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 293684   | 44.350   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 458116   | 48.080   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 768727   | 223.097  | ug/l   | 97       |
| 59) 2-Hexanone                 | 11.53 | 43   | 816993   | 226.133  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.68 | 129  | 547480   | 47.955   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 359754   | 48.211   | ug/l   | 100      |
| 64) Tetrachloroethene          | 11.25 | 164  | 443123   | 48.850   | ug/l   | 98       |
| 65) Chlorobenzene              | 12.39 | 112  | 1104413  | 50.427   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 473013   | 49.031   | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.52 | 91   | 1818481  | 48.877   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.67 | 106  | 1390583  | 101.916  | ug/l   | 97       |
| 69) o-Xylene                   | 13.04 | 106  | 687928   | 54.904   | ug/l   | 100      |
| 70) Styrene                    | 13.07 | 104  | 1148977  | 51.708   | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 360303   | 51.357   | ug/l   | 96       |
| 73) Isopropylbenzene           | 13.40 | 105  | 2015435  | 54.668   | ug/l   | 100      |
| 74) N-amyl acetate             | 13.26 | 43   | 486331   | 49.900   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 337964   | 53.968   | ug/l   | 92       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 356955   | 50.593   | ug/l   | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 553132   | 52.668   | ug/l   | 97       |
| 78) n-propylbenzene            | 13.77 | 91   | 2281905  | 52.012   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 1300222  | 51.147   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 1543805  | 48.551   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 92992    | 47.466   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 1603819  | 53.608   | ug/l   | 87       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 1876608  | 51.688   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 1598778  | 48.611   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 1989953  | 52.022   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 1906302  | 52.214   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 930273   | 50.018   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 877663   | 46.666   | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.79 | 91   | 1730490  | 54.879   | ug/l   | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 463794   | 48.758   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 869432   | 53.653   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 55828    | 43.766   | ug/l   | 82       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\  
Data File : VD063253.D  
Acq On : 30 Jul 2019 20:56  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 25 Sample Multiplier: 1

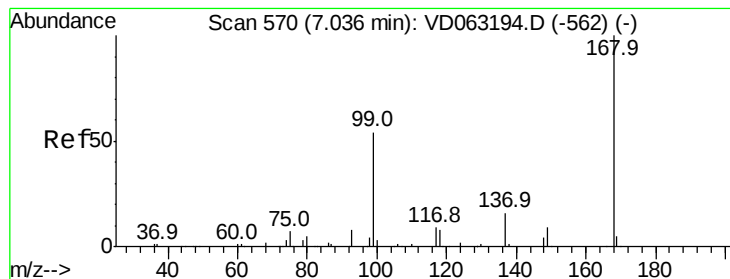
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jul 31 01:33:02 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:04:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 646585   | 50.297 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 462533   | 49.650 | ug/l  | 99       |
| 95) Naphthalene            | 16.11 | 128  | 863350   | 47.516 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 480049   | 47.270 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

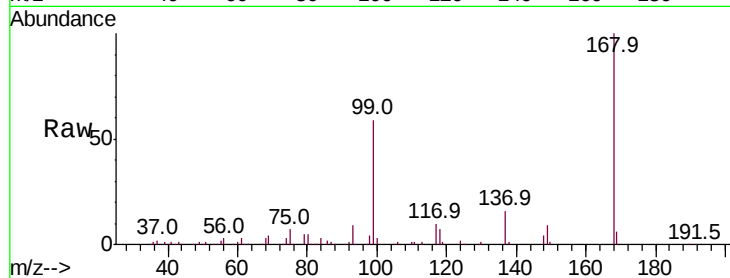
VSTDCCC050EC

Tot Ion:168 Resp: 1046720

Ion Ratio Lower Upper

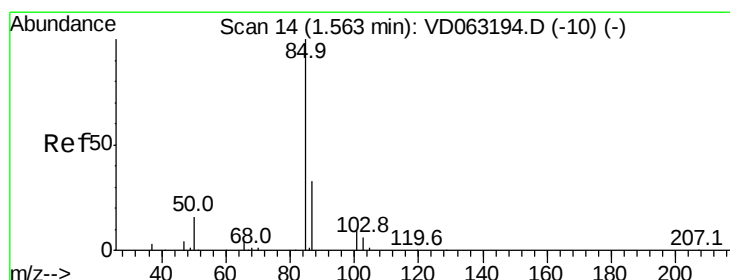
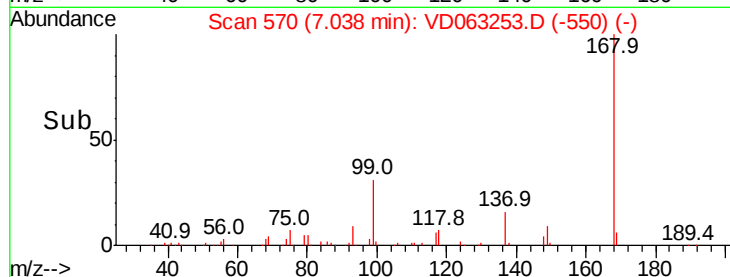
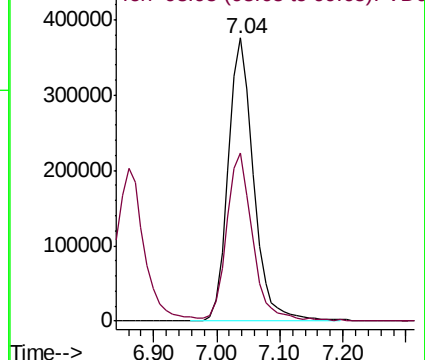
168 100

99 59.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 42.844 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD063253.D

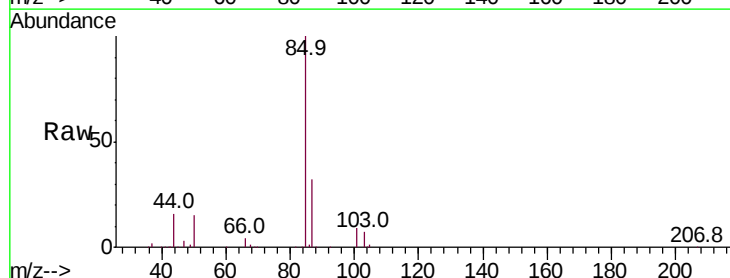
Acq: 30 Jul 2019 20:56

Tgt Ion: 85 Resp: 548175

Ion Ratio Lower Upper

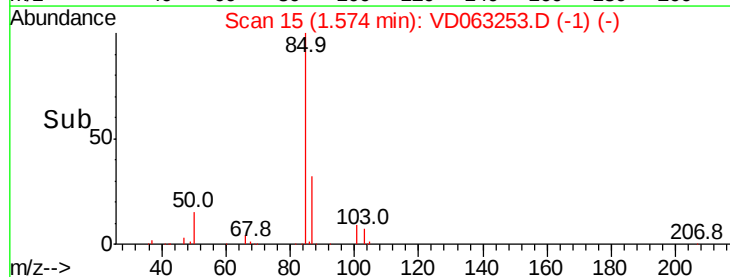
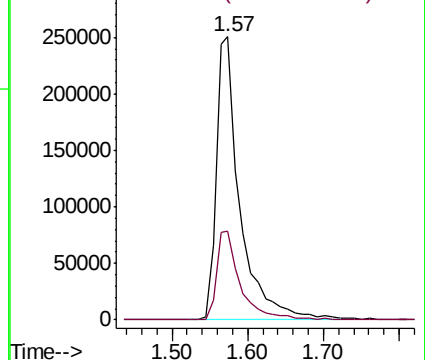
85 100

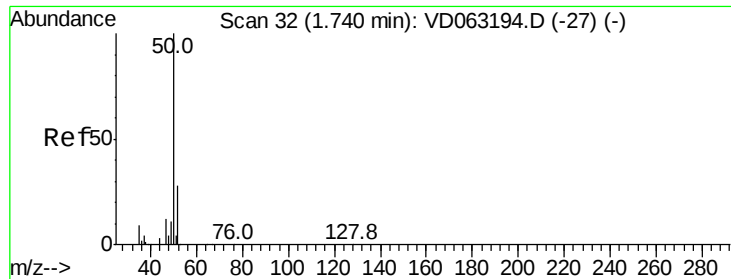
87 31.6 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.246 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

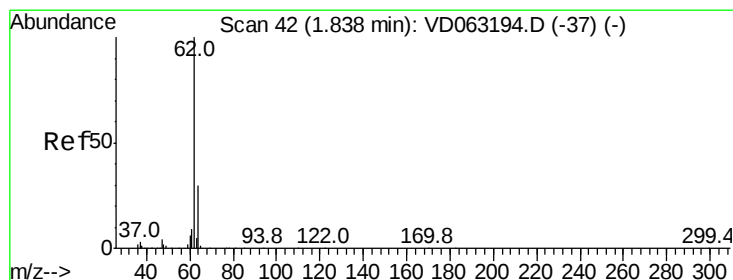
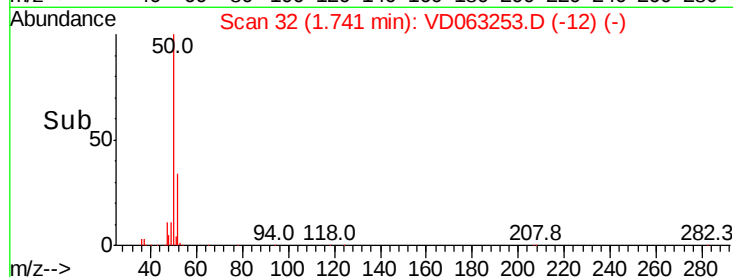
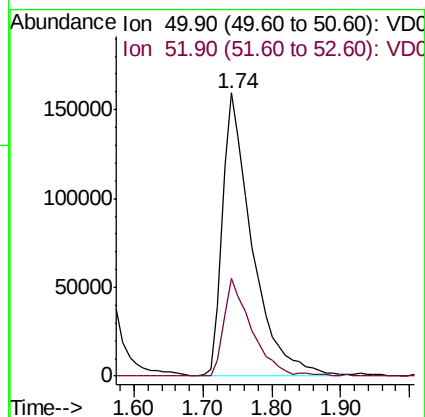
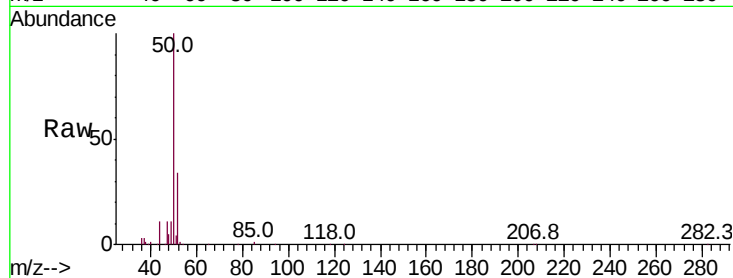
VSTDCCC050EC

Tot Ion: 50 Resp: 469663

Ion Ratio Lower Upper

50 100

52 34.4 22.6 34.0#



#4

Vinyl Chloride

Concen: 44.007 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD063253.D

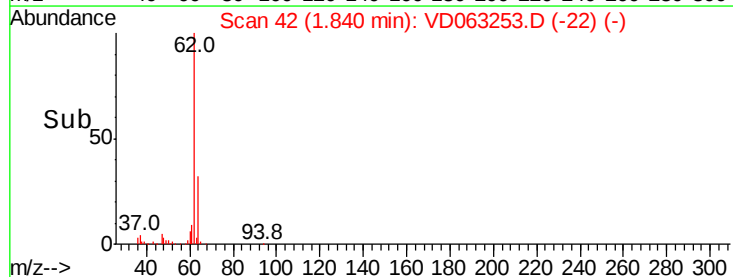
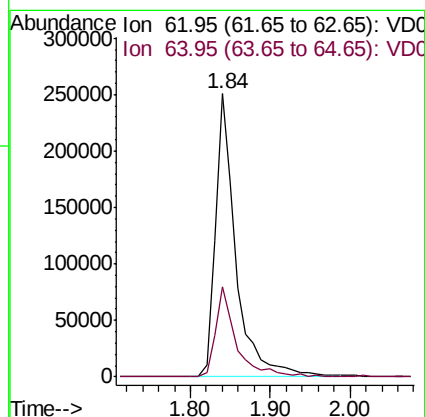
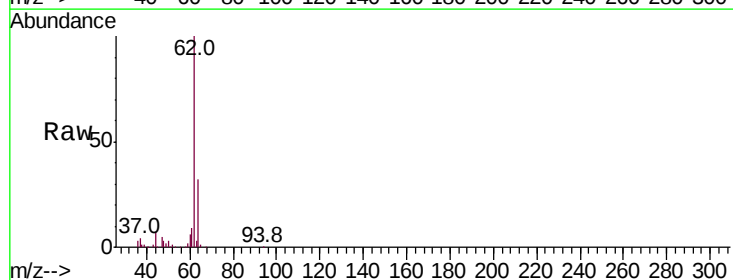
Acq: 30 Jul 2019 20:56

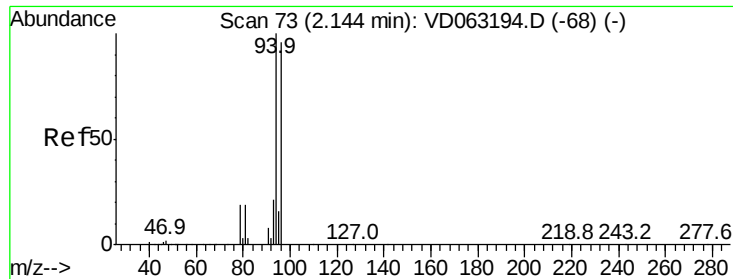
Tgt Ion: 62 Resp: 452873

Ion Ratio Lower Upper

62 100

64 32.0 24.1 36.1





#5

Bromomethane

Concen: 47.762 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

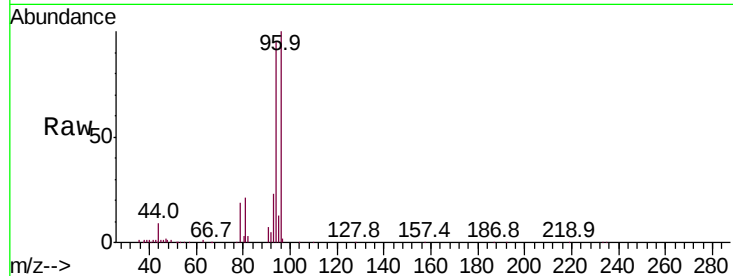
Tot Ion: 94 Resp: 247893

Ion Ratio Lower Upper

94 100

96 104.9 76.4 114.6

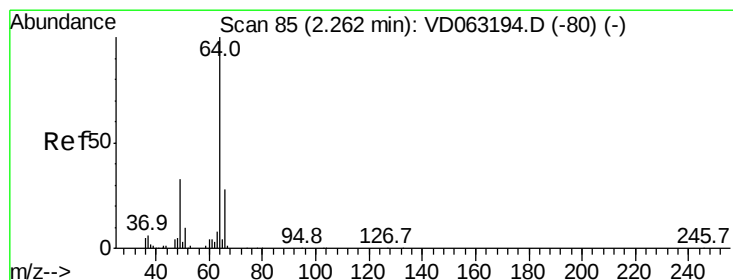
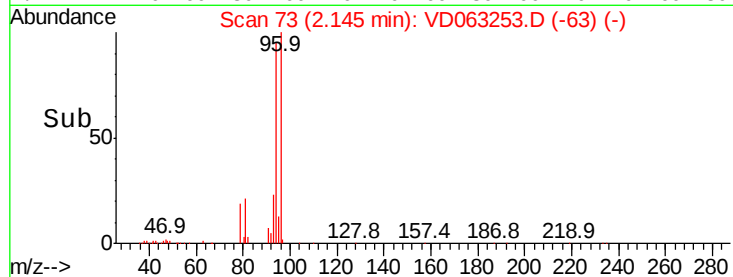
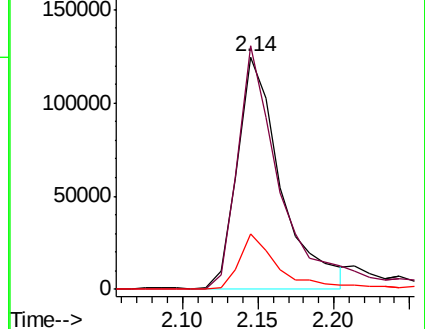
93 23.8 17.3 25.9



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: 47.866 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD063253.D

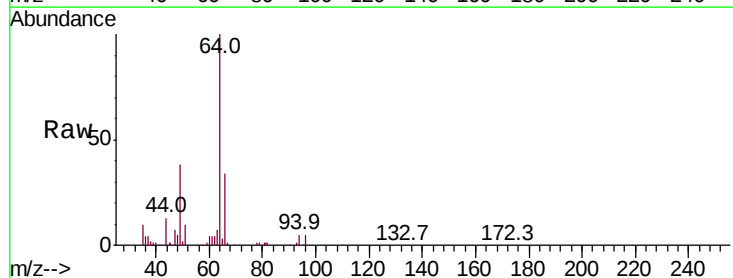
Acq: 30 Jul 2019 20:56

Tgt Ion: 64 Resp: 227425

Ion Ratio Lower Upper

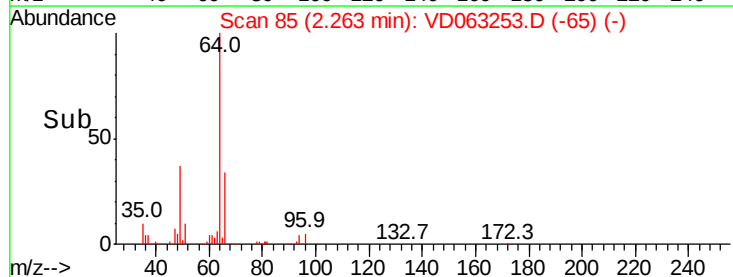
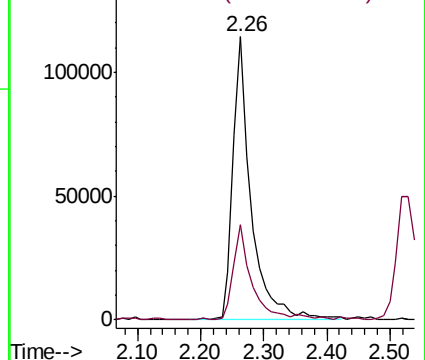
64 100

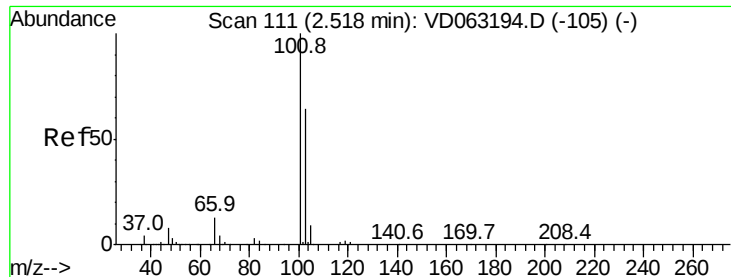
66 33.6 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



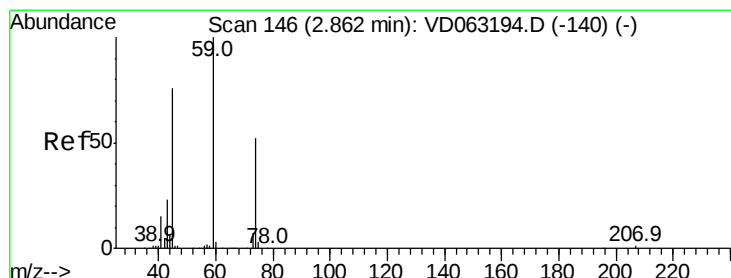
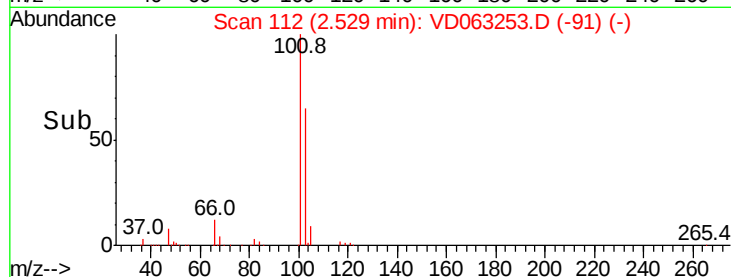
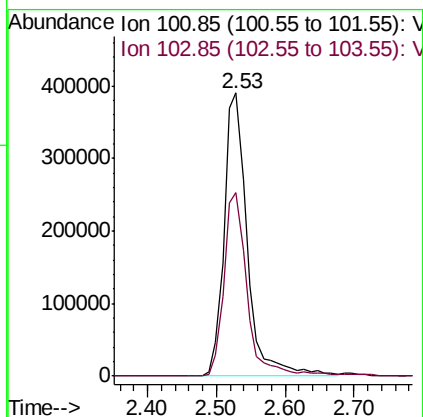
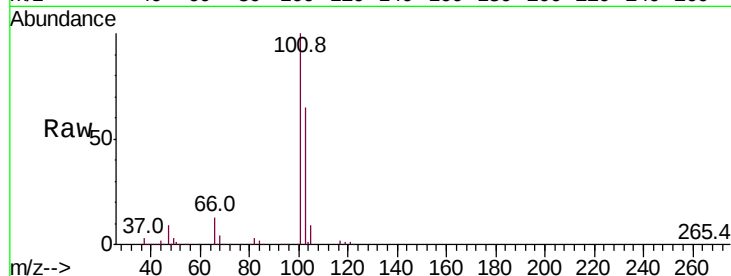


#7

Trichlorofluoromethane  
 Concen: 45.705 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. 0.01 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

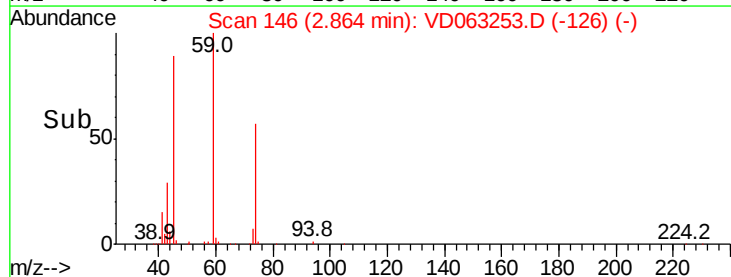
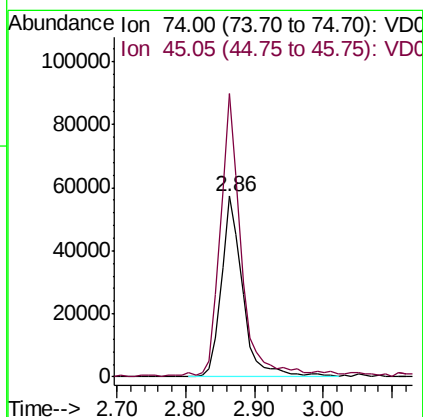
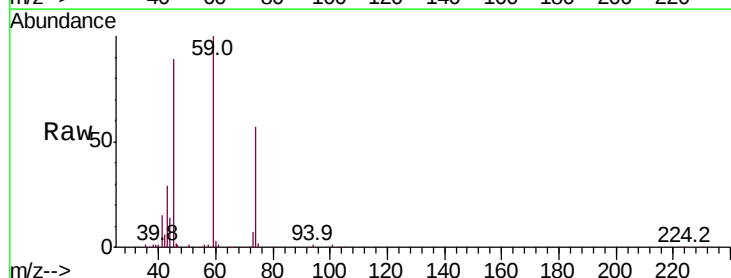
Tot Ion:101 Resp: 912477  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.5 77.3

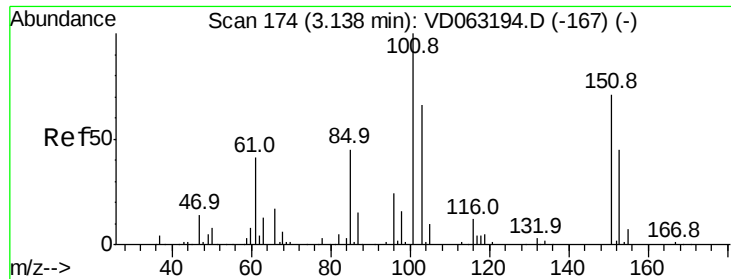


#8

Diethyl Ether  
 Concen: 44.216 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion: 74 Resp: 123542  
 Ion Ratio Lower Upper  
 74 100  
 45 156.6 73.6 220.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.684 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

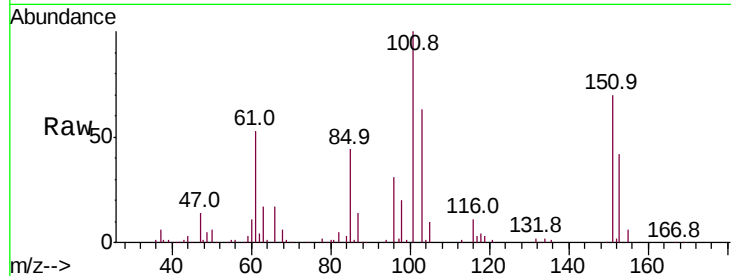
Tot Ion:101 Resp: 549452

Ion Ratio Lower Upper

101 100

85 43.7 36.1 54.1

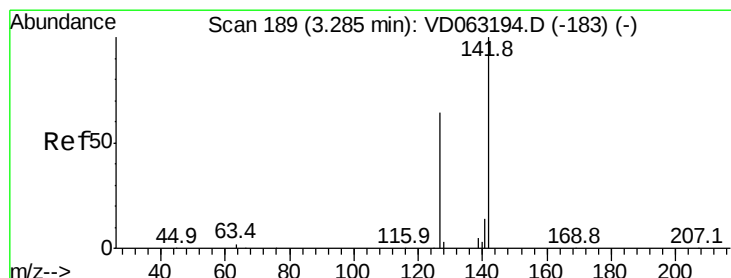
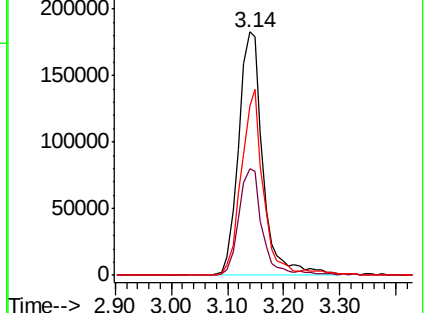
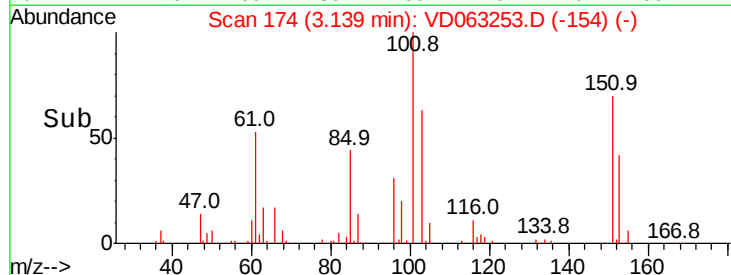
151 69.8 57.1 85.7



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: 47.101 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

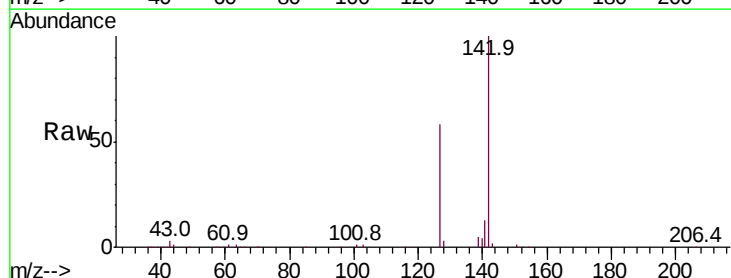
Tgt Ion:142 Resp: 752485

Ion Ratio Lower Upper

142 100

127 58.3 50.8 76.2

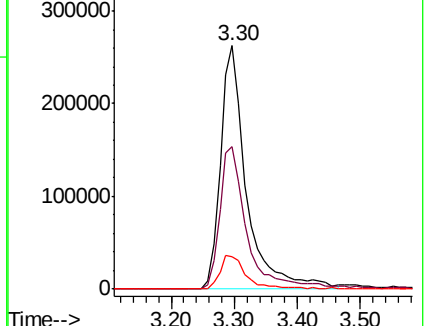
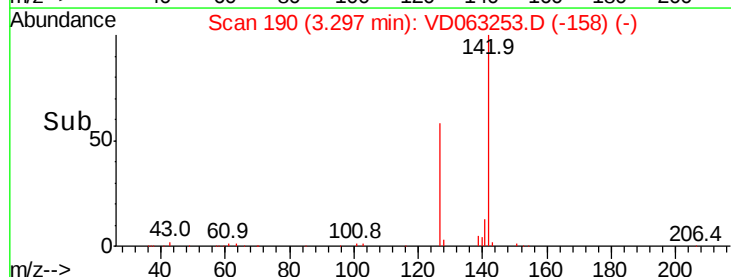
141 13.3 11.4 17.2

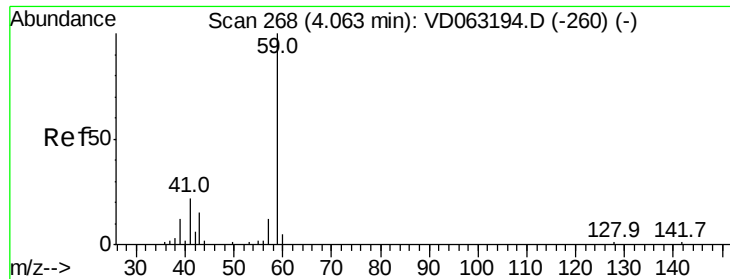


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



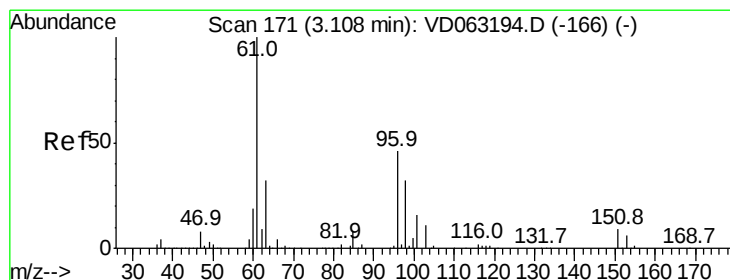
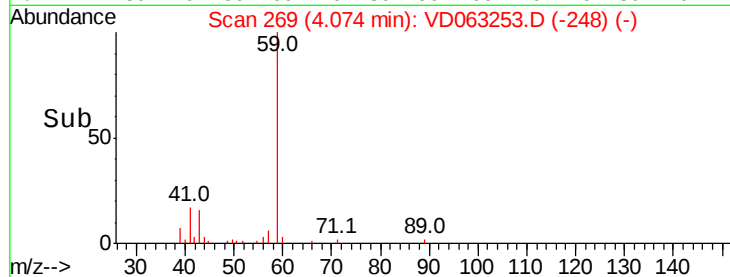
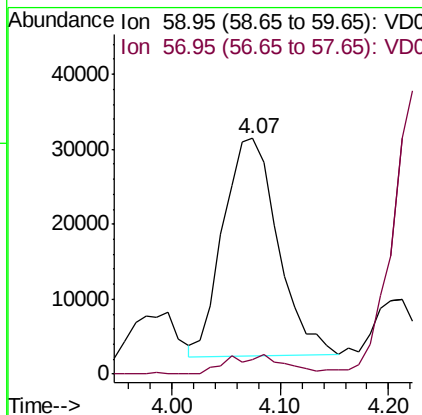
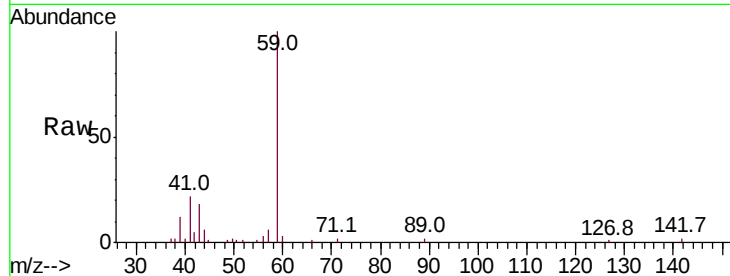


#11

Tert butyl alcohol  
 Concen: 200.736 ug/l  
 RT: 4.07 min Scan# 269  
 Delta R.T. 0.01 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

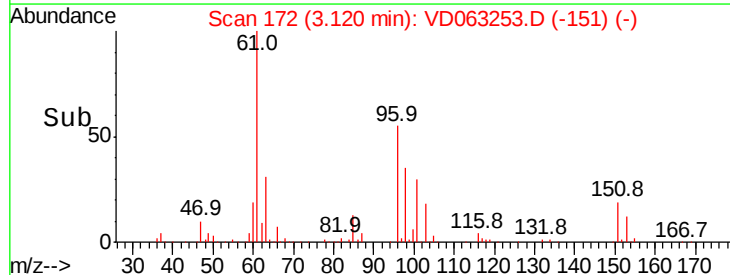
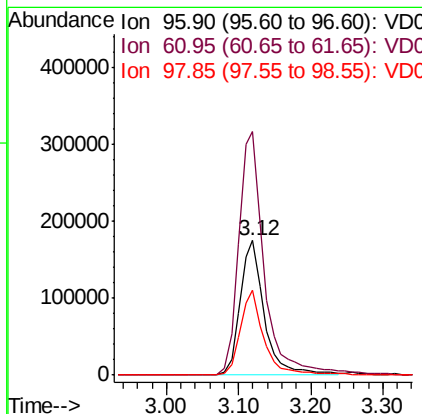
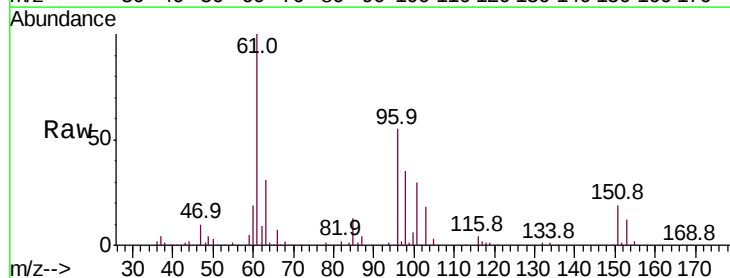
Tot Ion: 59 Resp: 102314  
 Ion Ratio Lower Upper  
 59 100  
 57 6.4 9.6 14.4#

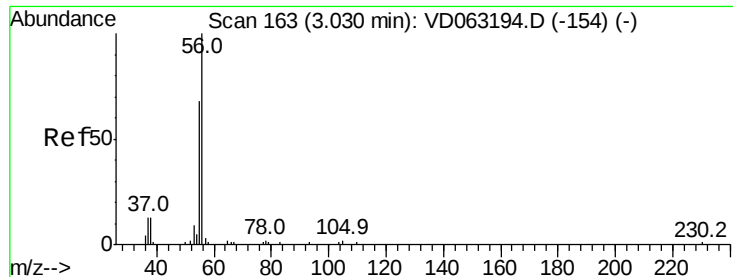


#12

1,1-Dichloroethene  
 Concen: 50.447 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. 0.01 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion: 96 Resp: 409564  
 Ion Ratio Lower Upper  
 96 100  
 61 180.7 173.7 260.5  
 98 63.1 55.8 83.8





#13

Acrolein

Concen: 191.720 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

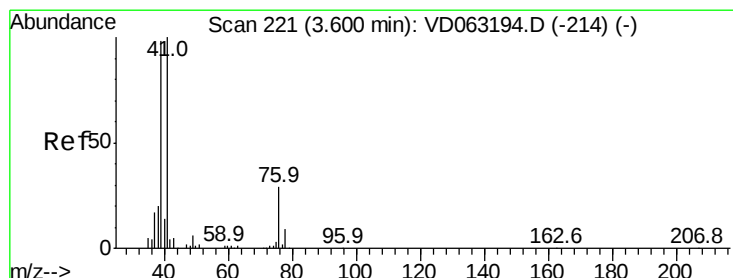
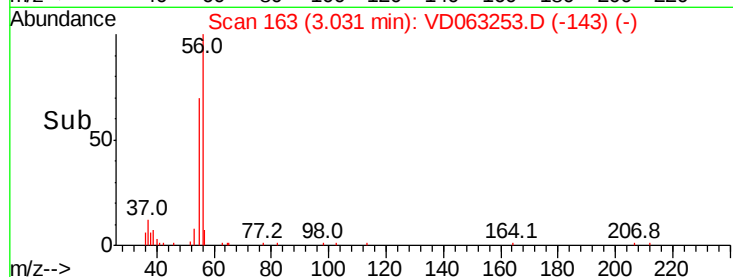
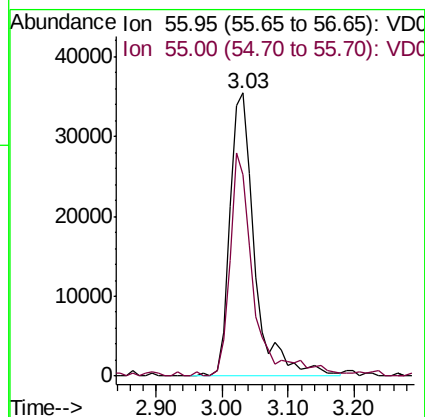
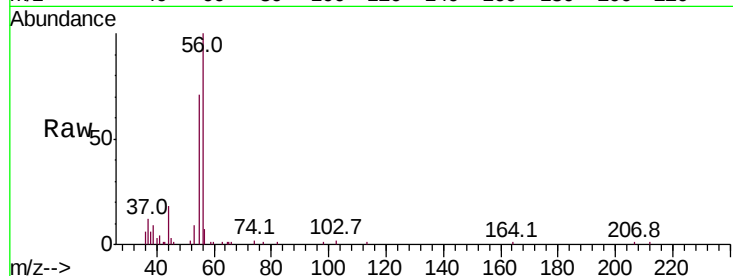
VSTDCCC050EC

Tot Ion: 56 Resp: 94045

Ion Ratio Lower Upper

56 100

55 71.4 55.3 82.9



#14

Allyl chloride

Concen: 44.140 ug/l

RT: 3.61 min Scan# 222

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

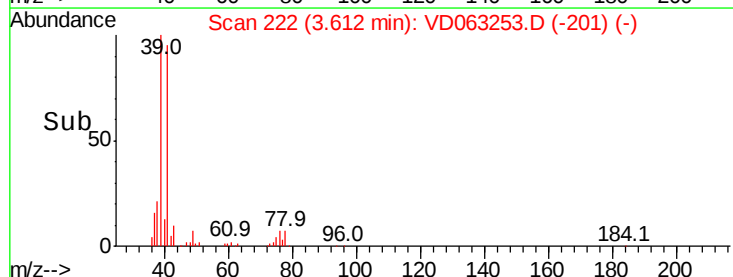
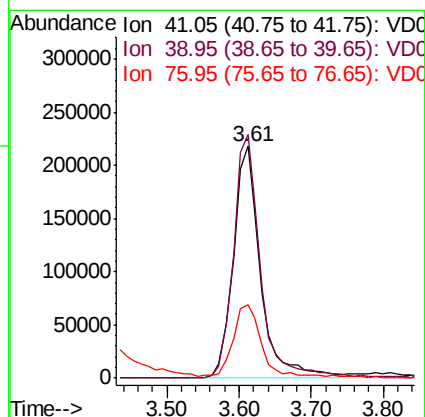
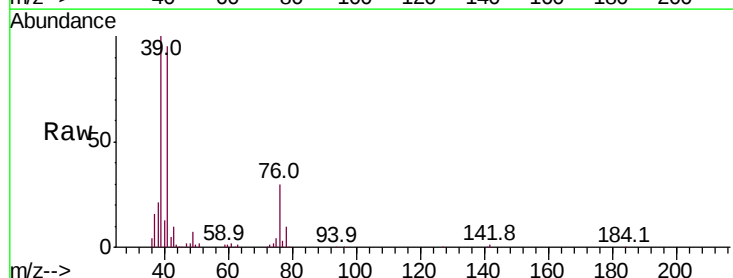
Tgt Ion: 41 Resp: 570884

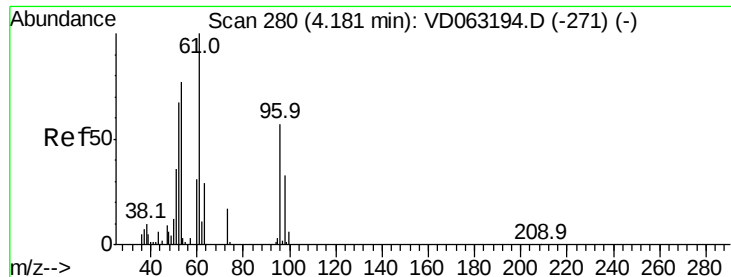
Ion Ratio Lower Upper

41 100

39 104.9 78.6 117.8

76 31.8 24.5 36.7





#15

Acrylonitrile

Concen: 221.334 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

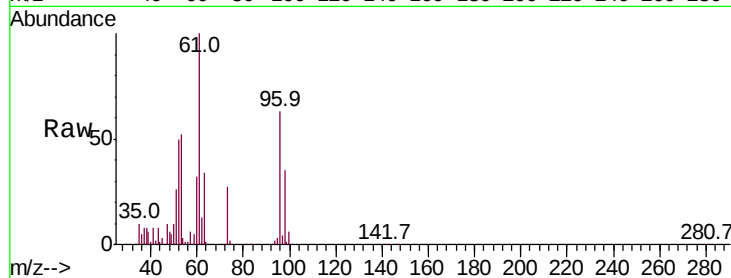
Tot Ion: 53 Resp: 292476

Ion Ratio Lower Upper

53 100

52 95.1 69.7 104.5

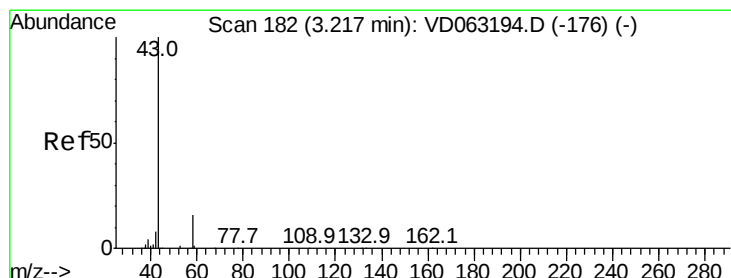
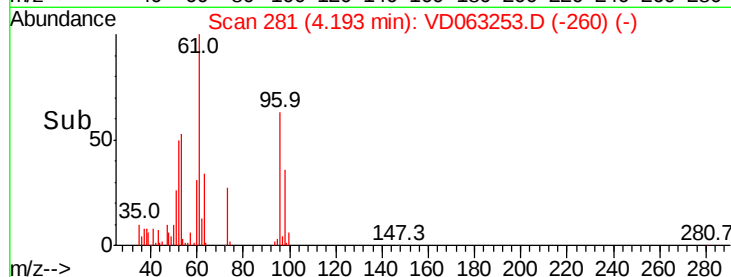
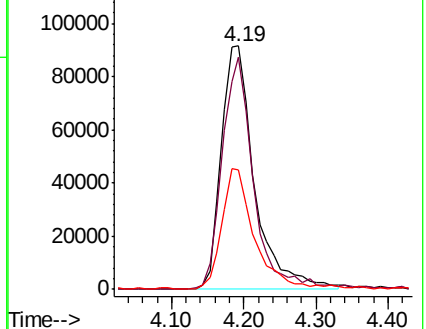
51 49.1 37.4 56.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 206.313 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063253.D

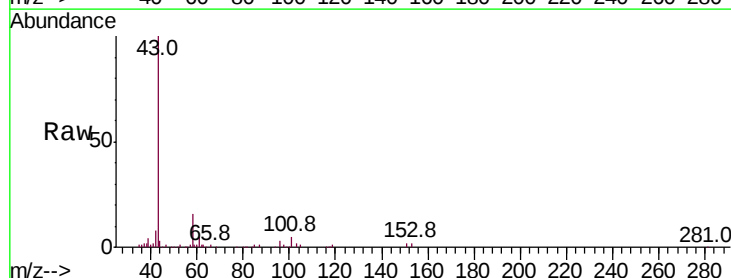
Acq: 30 Jul 2019 20:56

Tgt Ion: 43 Resp: 466871

Ion Ratio Lower Upper

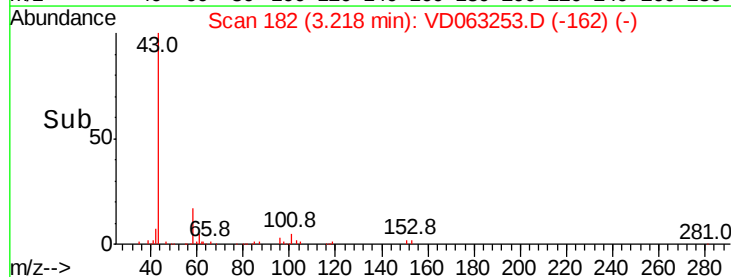
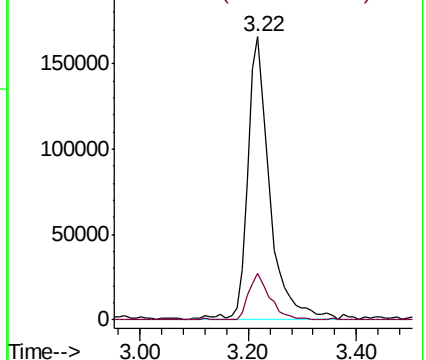
43 100

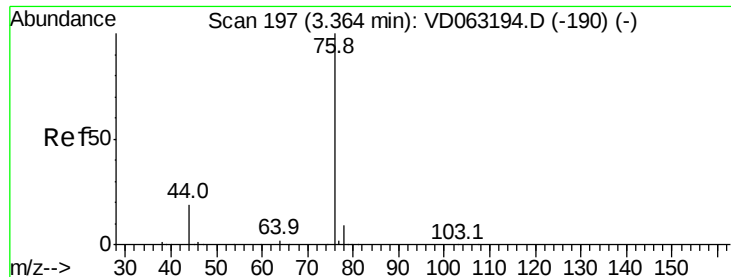
58 16.4 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 45.592 ug/l

RT: 3.37 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

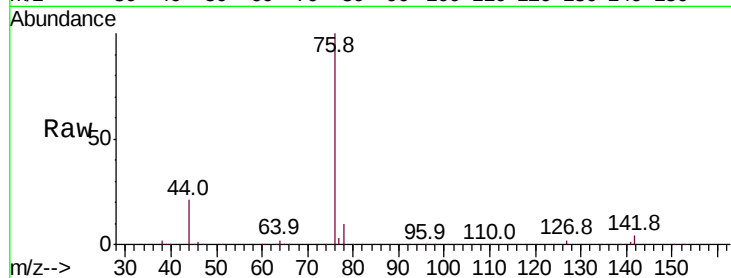
VSTDCCC050EC

Tot Ion: 76 Resp: 1238938

Ion Ratio Lower Upper

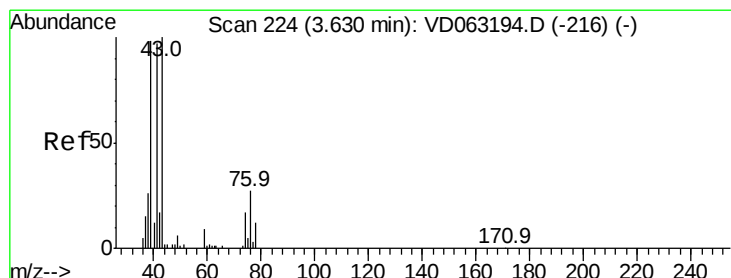
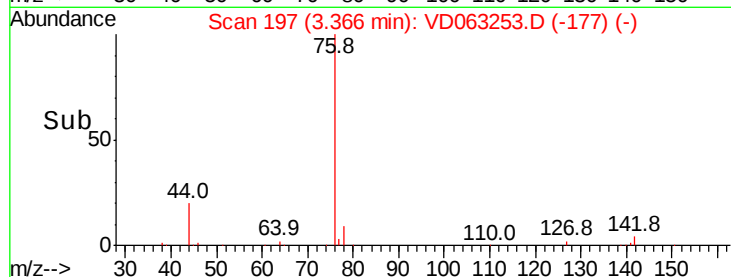
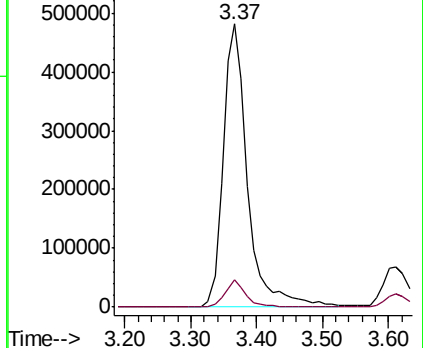
76 100

78 9.9 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 42.720 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD063253.D

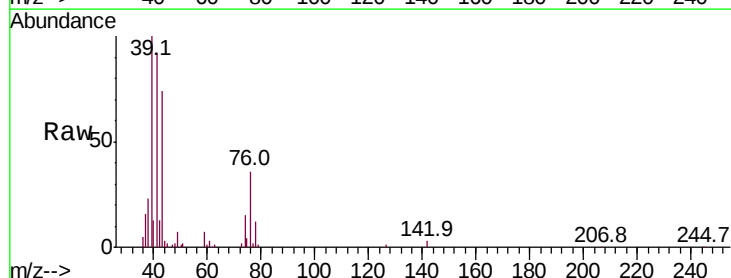
Acq: 30 Jul 2019 20:56

Tgt Ion: 43 Resp: 185692

Ion Ratio Lower Upper

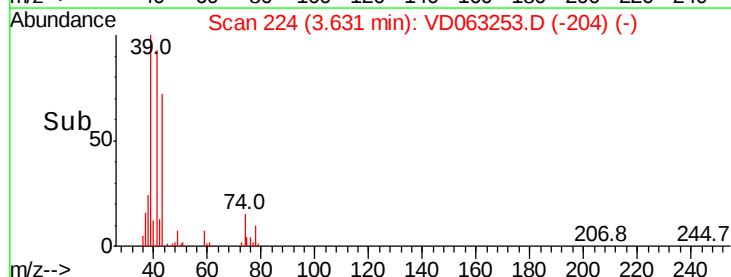
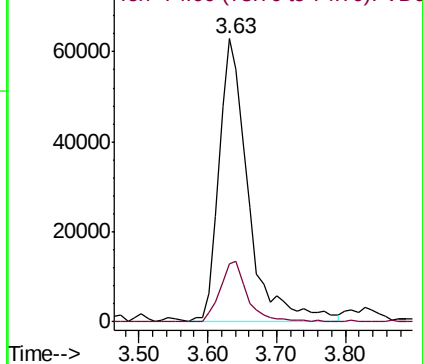
43 100

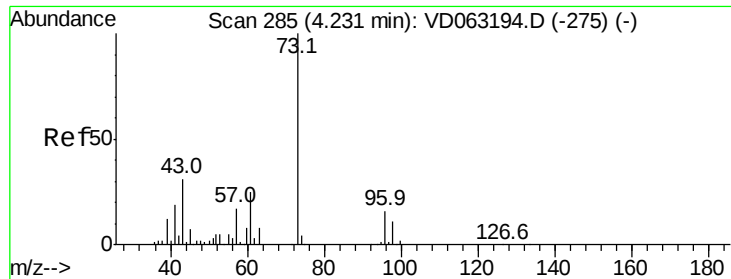
74 20.7 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

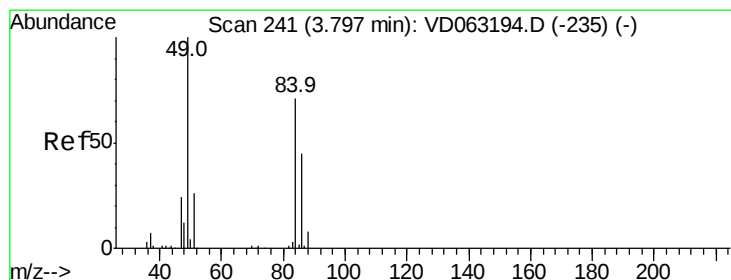
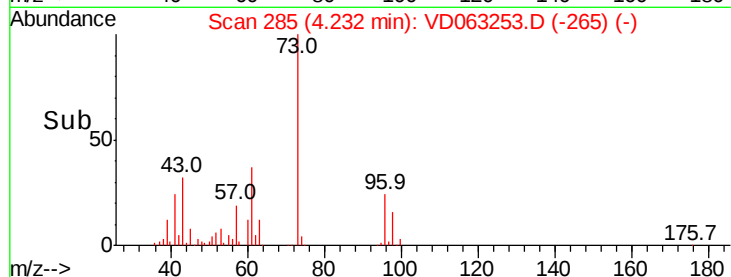
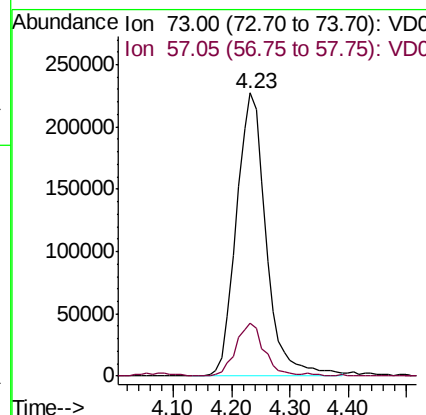
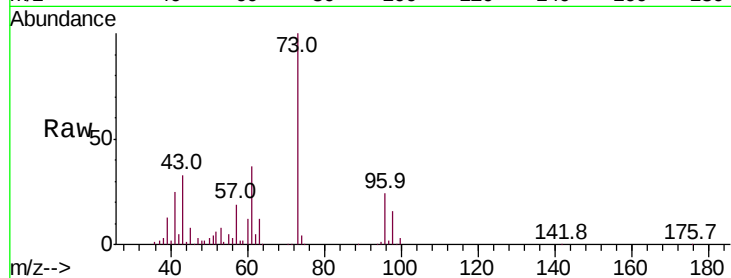




#19  
Methvl tert-butvl Ether  
Concen: 44.103 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

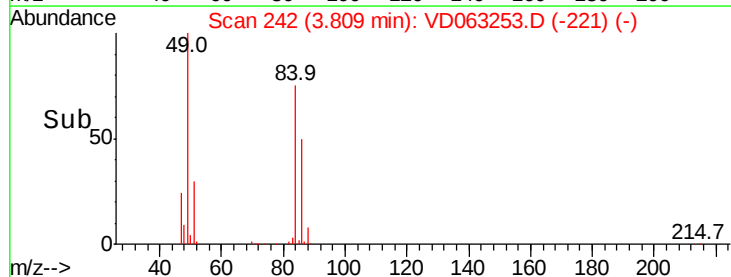
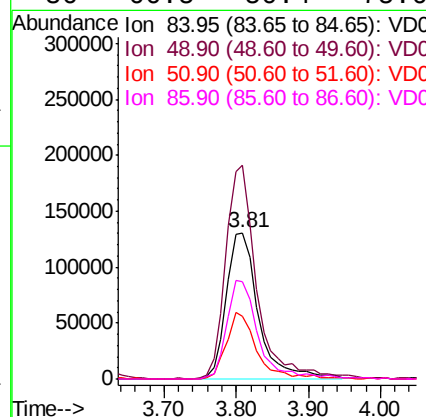
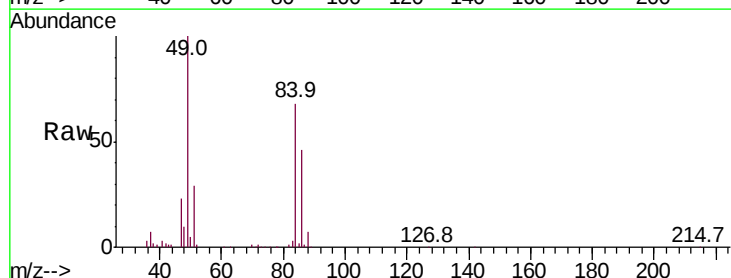
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

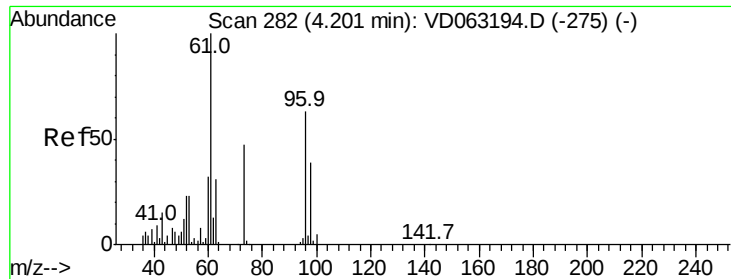
Tot Ion: 73 Resp: 808807  
Ion Ratio Lower Upper  
73 100  
57 18.9 13.8 20.6



#20  
Methylene Chloride  
Concen: 44.217 ug/l  
RT: 3.81 min Scan# 242  
Delta R.T. 0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 84 Resp: 404457  
Ion Ratio Lower Upper  
84 100  
49 146.2 112.5 168.7  
51 43.0 29.6 44.4  
86 66.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 48.290 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

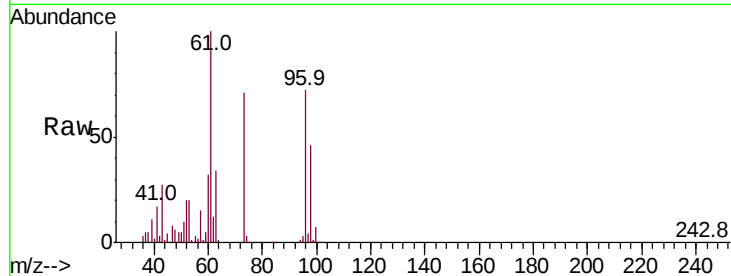
Tot Ion: 96 Resp: 439901

Ion Ratio Lower Upper

96 100

61 138.5 127.4 191.2

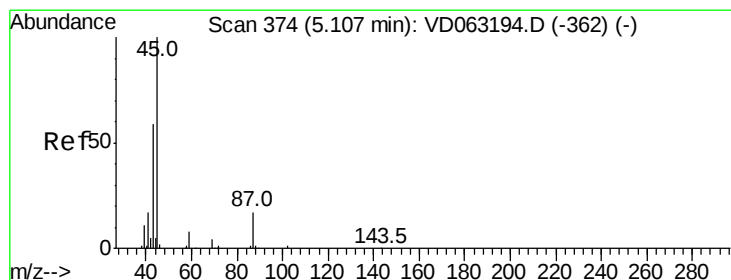
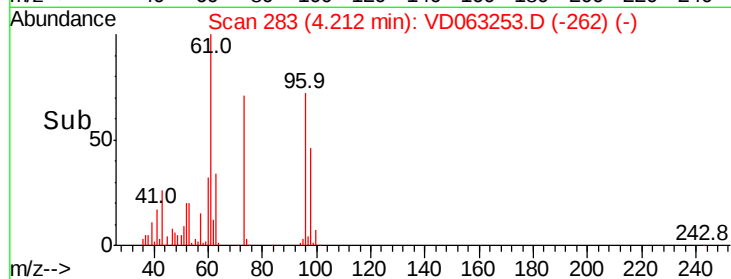
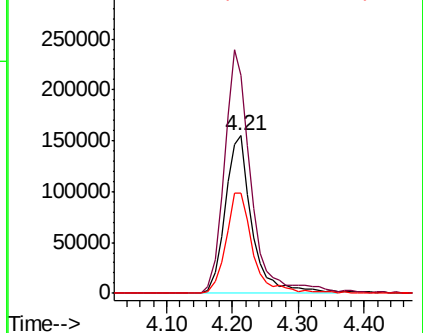
98 63.4 49.3 73.9



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: 46.473 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Tgt Ion: 45 Resp: 1200839

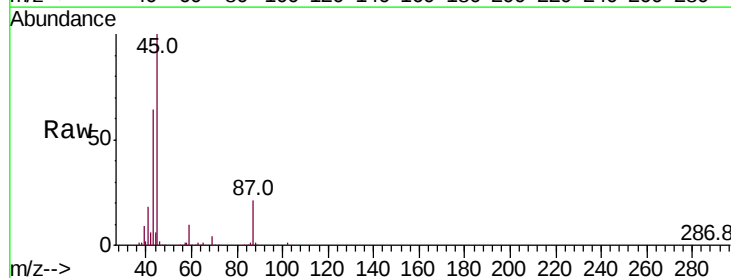
Ion Ratio Lower Upper

45 100

43 63.7 51.7 77.5

87 20.5 14.6 21.8

59 9.6 6.6 10.0

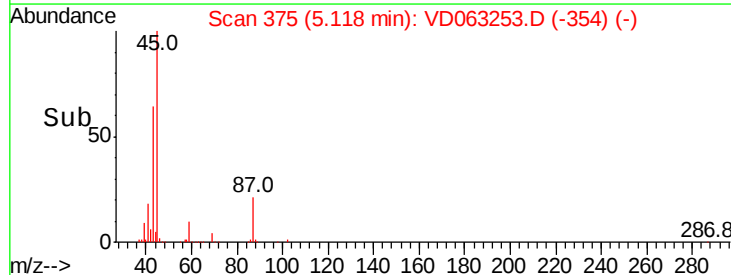
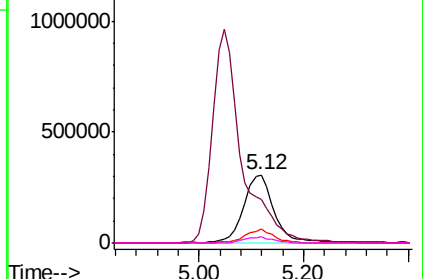


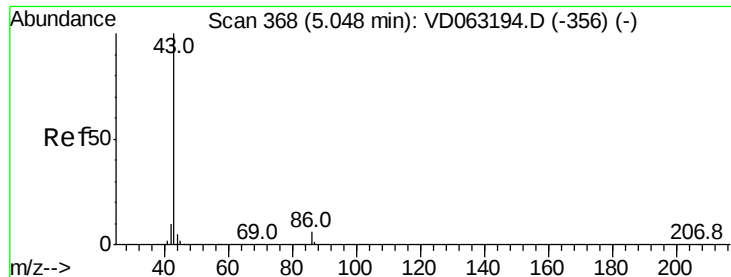
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 234.930 ug/l

RT: 5.05 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

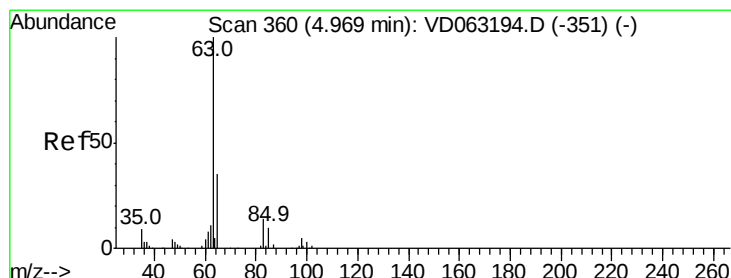
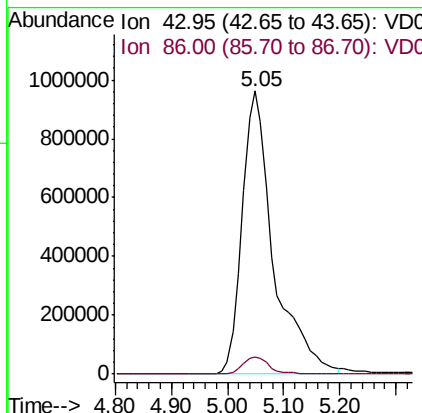
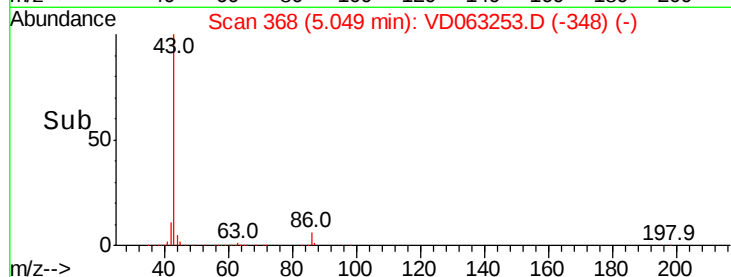
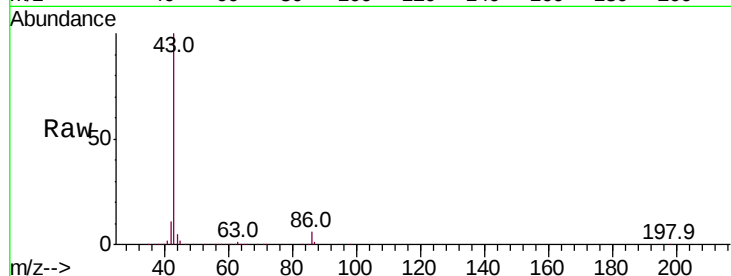
VSTDCCC050EC

Tot Ion: 43 Resp: 3731559

Ion Ratio Lower Upper

43 100

86 6.2 4.9 7.3



#24

1,1-Dichloroethane

Concen: 48.389 ug/l

RT: 4.97 min Scan# 360

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

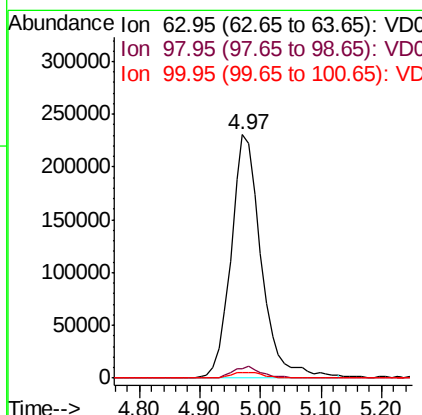
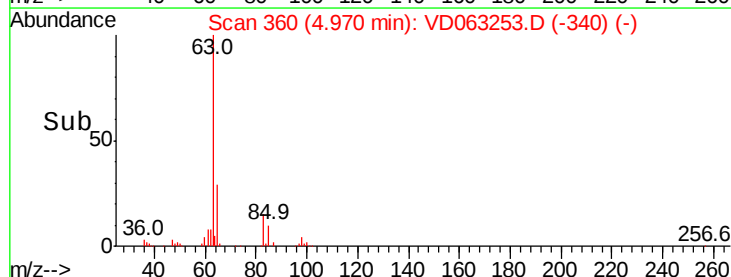
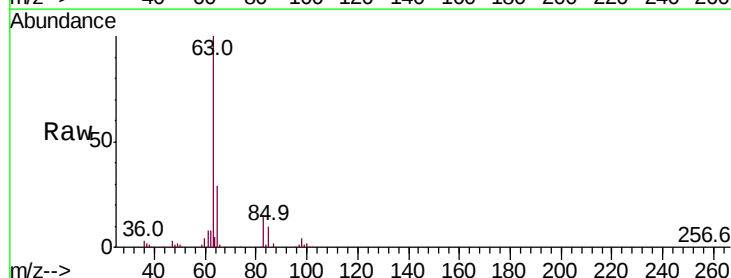
Tgt Ion: 63 Resp: 798664

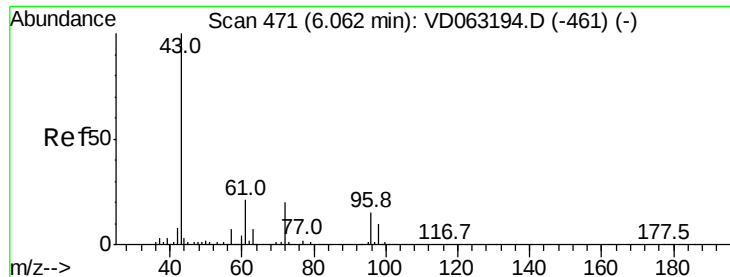
Ion Ratio Lower Upper

63 100

98 4.0 2.8 8.4

100 2.3 1.3 3.9





#25

2-Butanone

Concen: 216.892 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

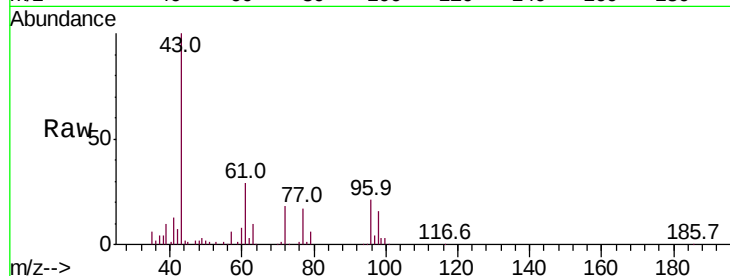
VSTDCCC050EC

Tot Ion: 43 Resp: 492572

Ion Ratio Lower Upper

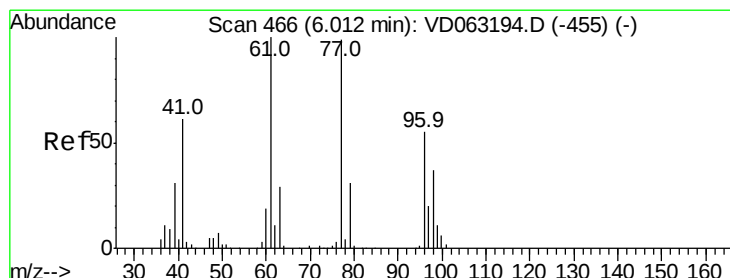
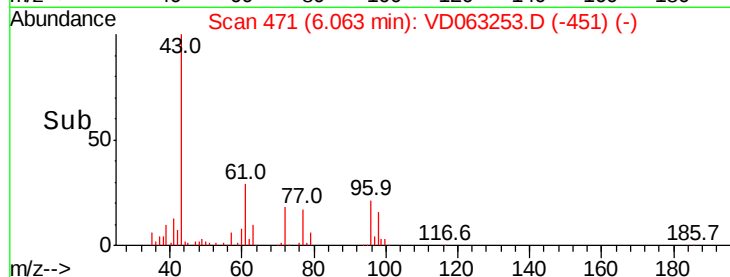
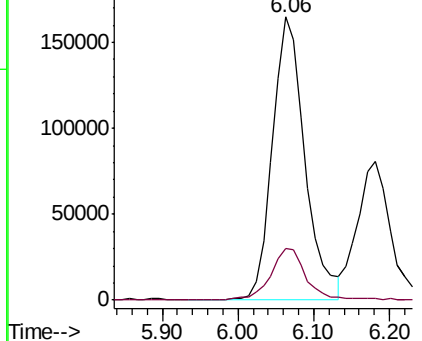
43 100

72 18.4 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.704 ug/l

RT: 6.01 min Scan# 466

Delta R.T. 0.00 min

Lab File: VD063253.D

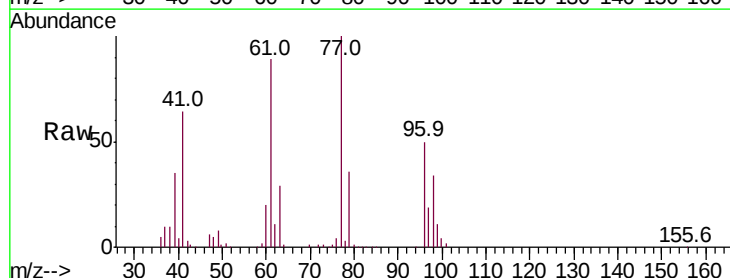
Acq: 30 Jul 2019 20:56

Tgt Ion: 77 Resp: 760385

Ion Ratio Lower Upper

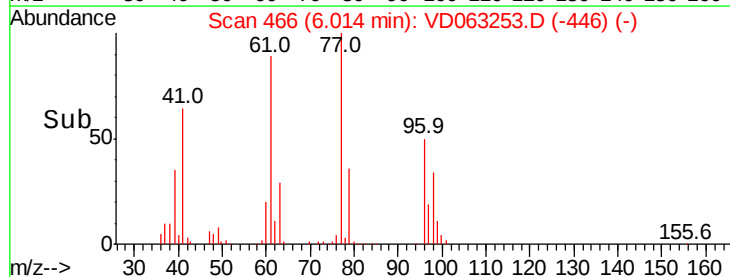
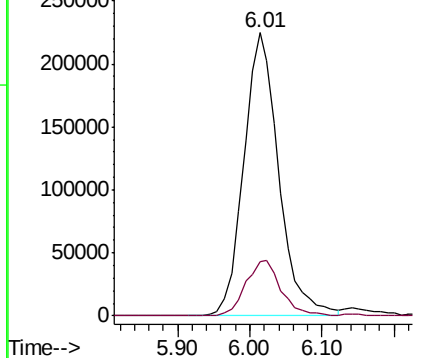
77 100

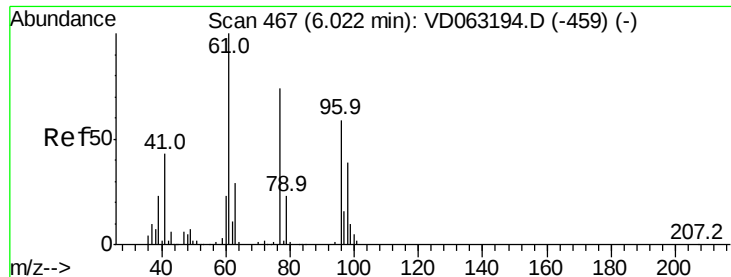
97 19.3 10.2 30.6



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: 48.013 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

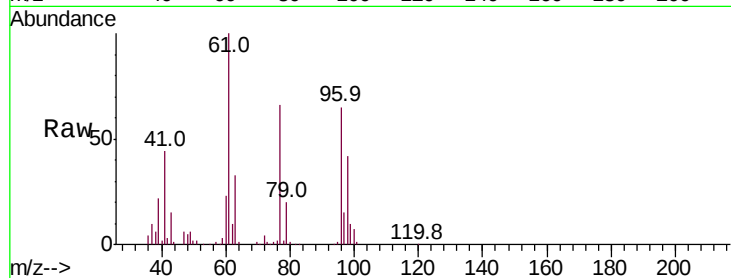
Tot Ion: 96 Resp: 468928

Ion Ratio Lower Upper

96 100

61 154.1 0.0 337.2

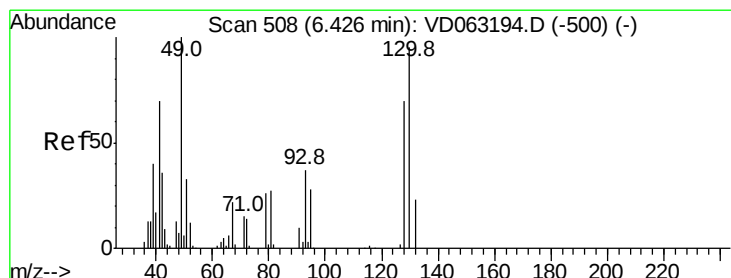
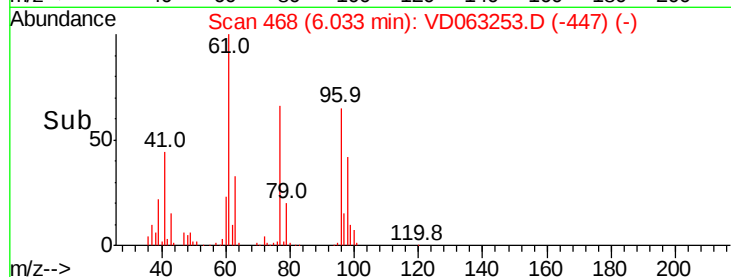
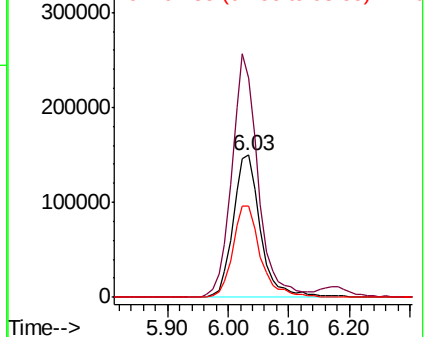
98 64.7 0.0 130.6



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: 44.854 ug/l

RT: 6.43 min Scan# 508

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

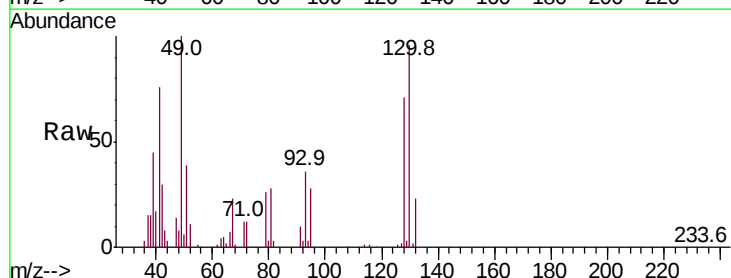
Tgt Ion: 49 Resp: 294964

Ion Ratio Lower Upper

49 100

129 2.8 0.0 0.0#

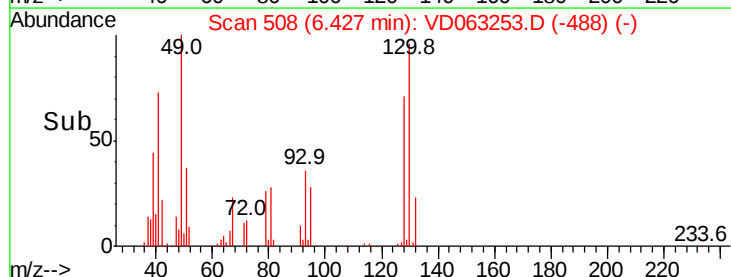
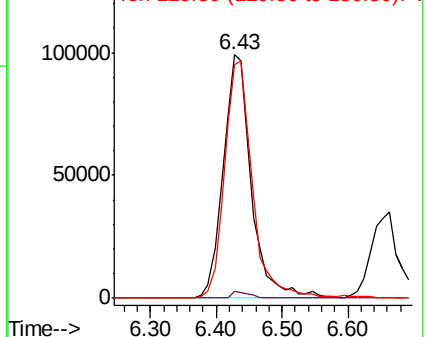
130 95.9 75.7 113.5

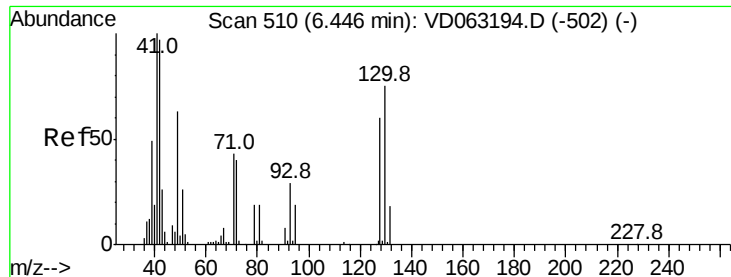


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 212.693 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

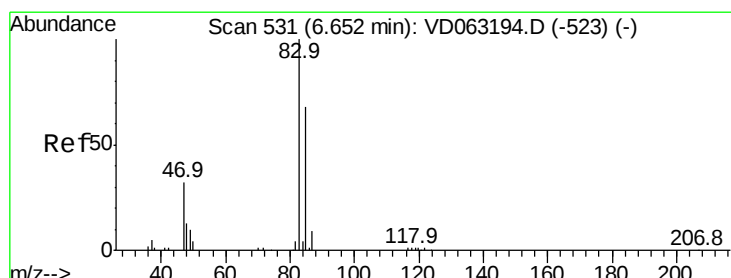
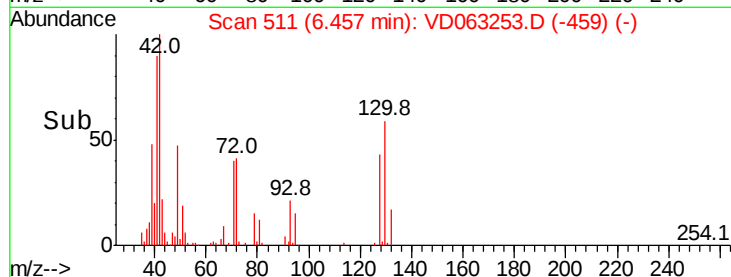
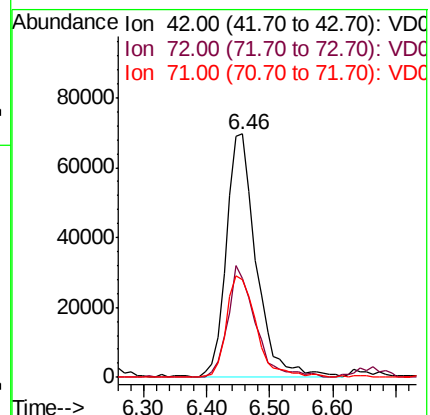
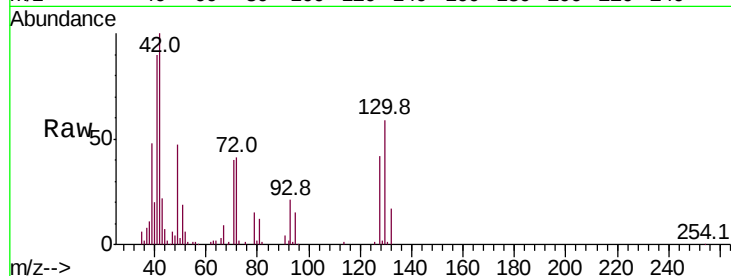
Tot Ion: 42 Resp: 228692

Ion Ratio Lower Upper

42 100

72 42.2 33.4 50.2

71 41.8 35.7 53.5



#30

Chloroform

Concen: 48.463 ug/l

RT: 6.65 min Scan# 531

Delta R.T. 0.00 min

Lab File: VD063253.D

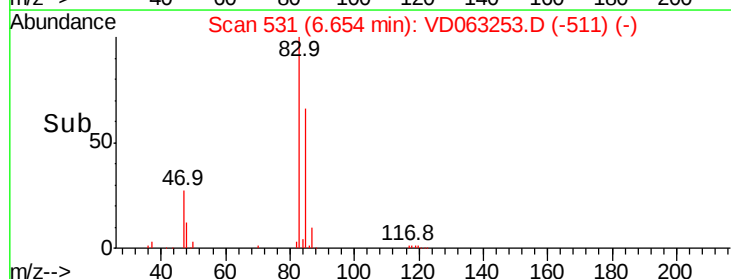
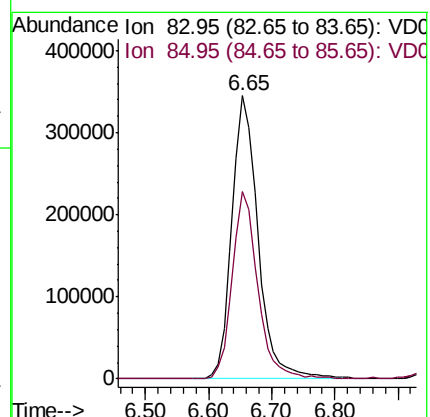
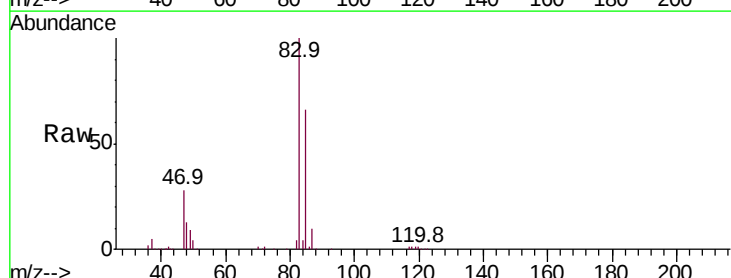
Acq: 30 Jul 2019 20:56

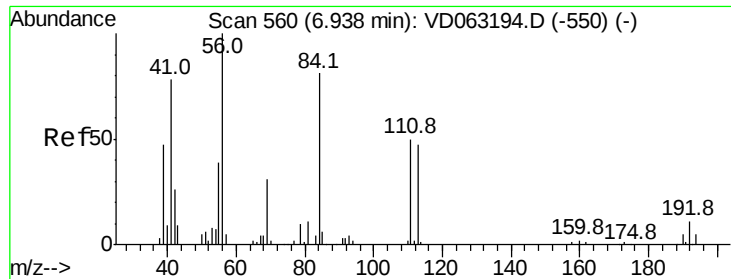
Tgt Ion: 83 Resp: 992669

Ion Ratio Lower Upper

83 100

85 66.0 54.2 81.4

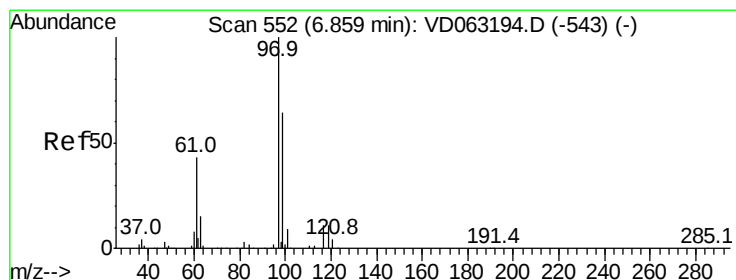
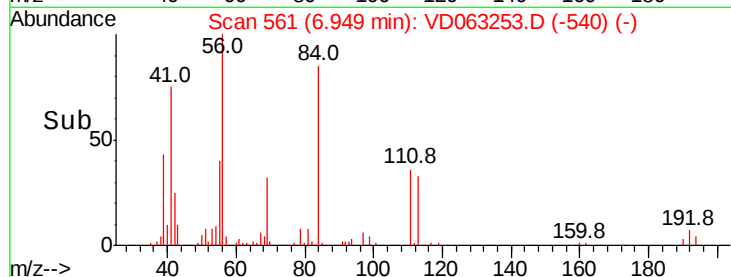
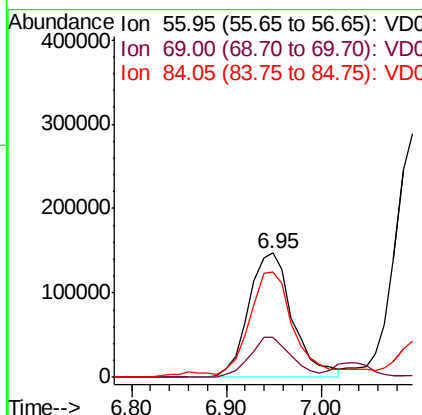
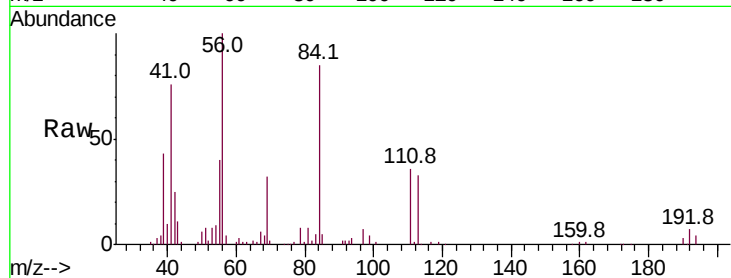




#31  
Cyclohexane  
Concen: 46.014 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

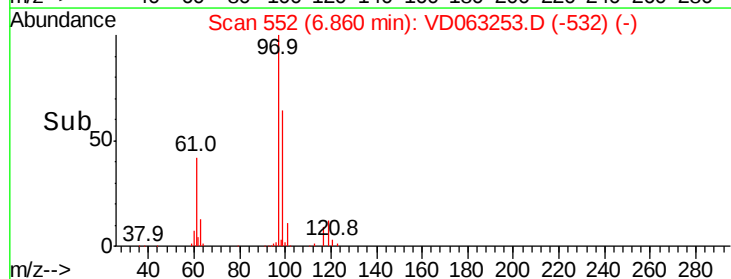
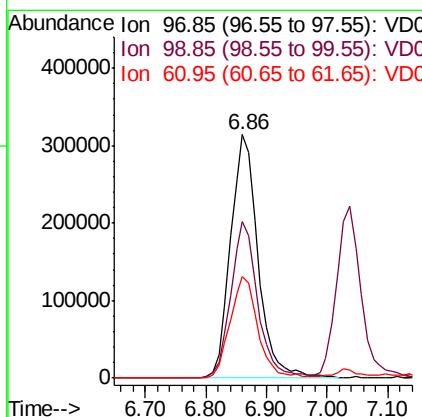
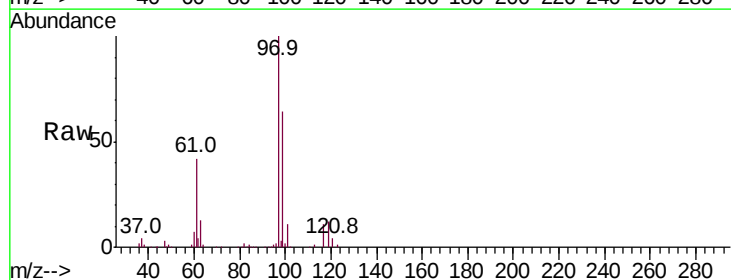
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

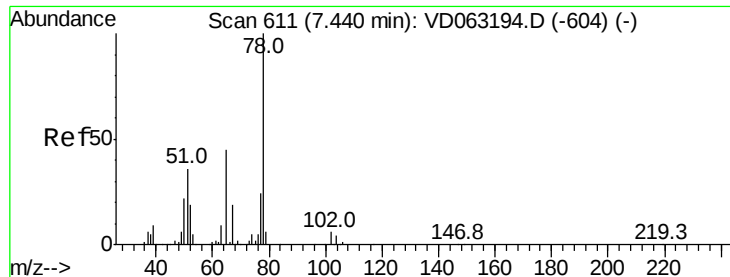
Tot Ion: 56 Resp: 476040  
Ion Ratio Lower Upper  
56 100  
69 32.0 24.5 36.7  
84 85.3 64.9 97.3



#32  
1,1,1-Trichloroethane  
Concen: 49.896 ug/l  
RT: 6.86 min Scan# 552  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 97 Resp: 988572  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.2 76.8  
61 41.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.983 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

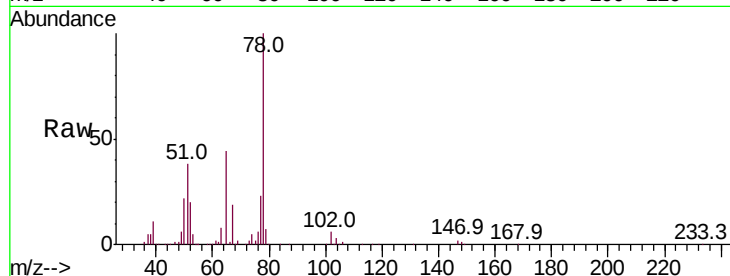
VSTDCCC050EC

Tot Ion: 65 Resp: 557295

Ion Ratio Lower Upper

65 100

67 44.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

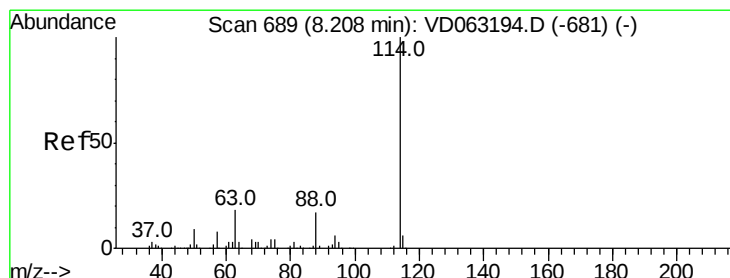
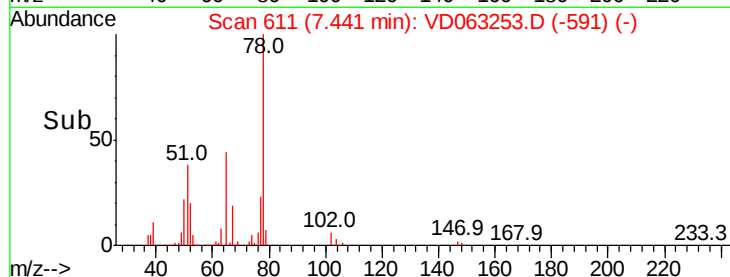
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

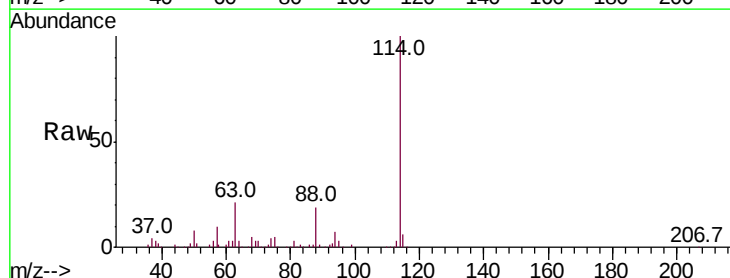
Tgt Ion:114 Resp: 1407531

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.2

88 18.6 0.0 34.6



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

8.21

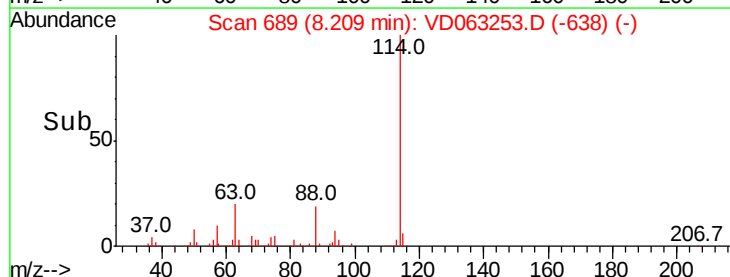
600000

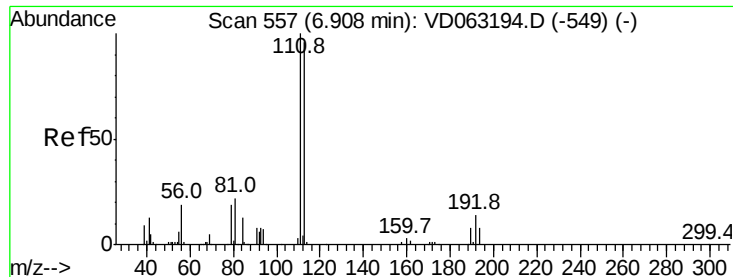
400000

200000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 49.880 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

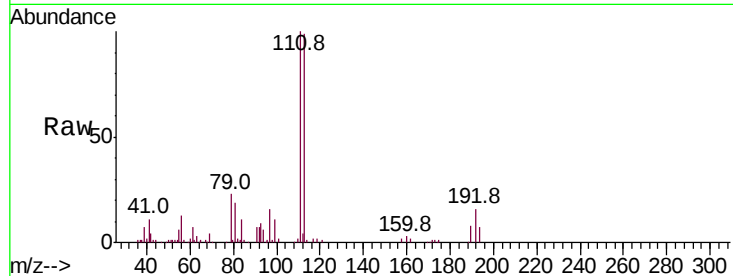
Tot Ion:113 Resp: 599423

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

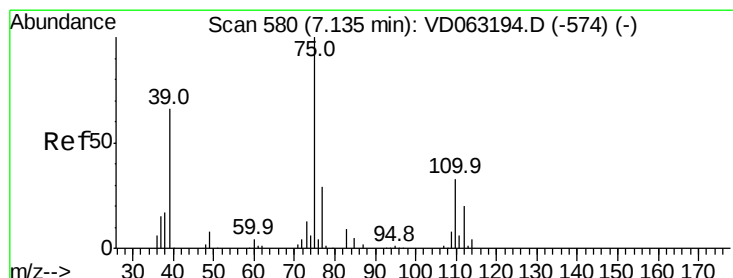
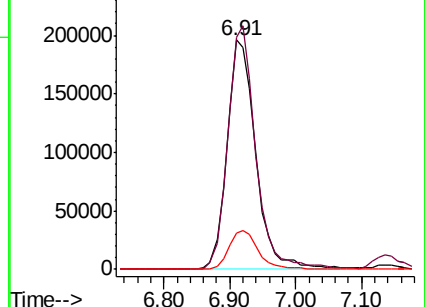
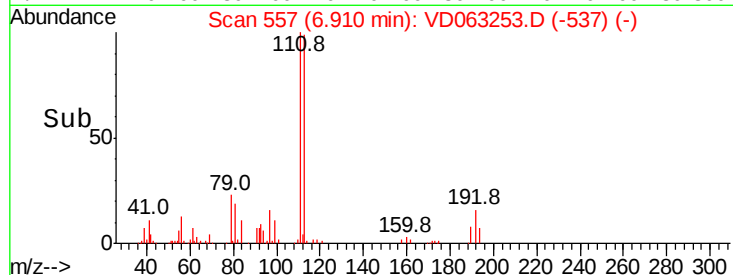
192 16.0 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 46.428 ug/l

RT: 7.14 min Scan# 580

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

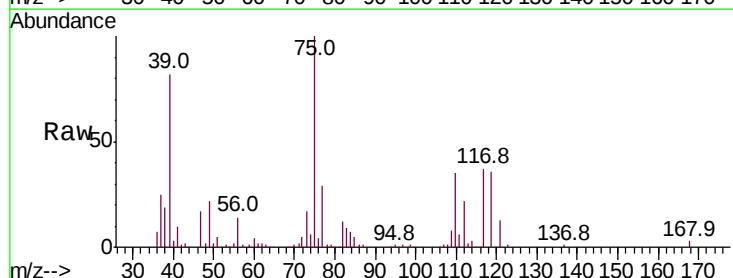
Tgt Ion: 75 Resp: 596387

Ion Ratio Lower Upper

75 100

110 34.8 16.1 48.2

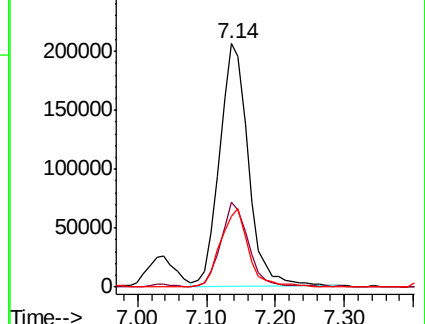
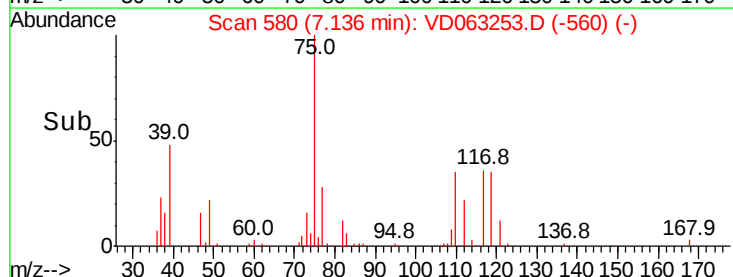
77 29.3 22.7 34.1

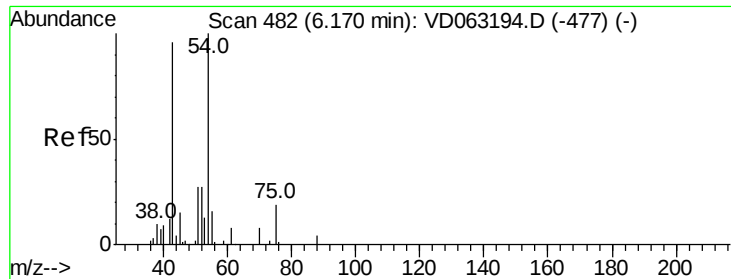


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 41.893 ug/l

RT: 6.18 min Scan# 483

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

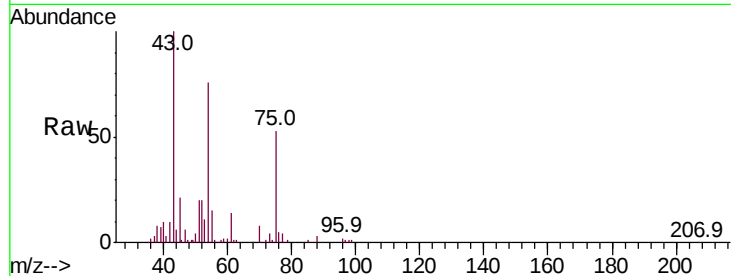
Tot Ion: 43 Resp: 241765

Ion Ratio Lower Upper

43 100

61 14.2 11.3 16.9

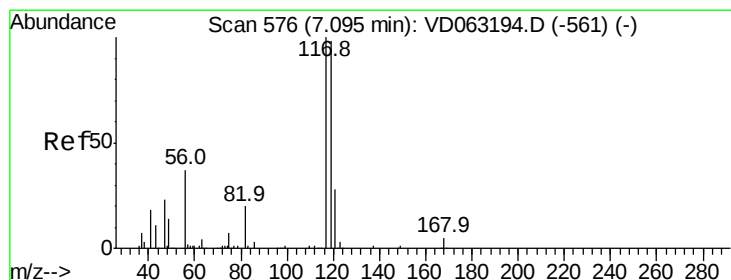
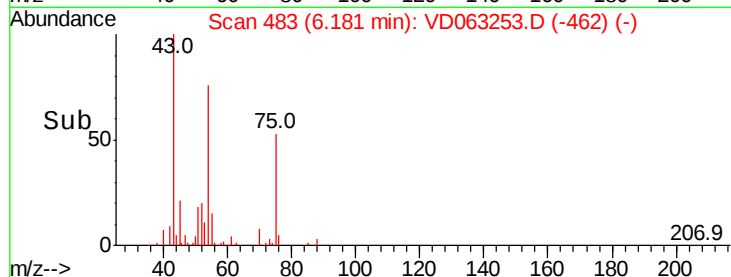
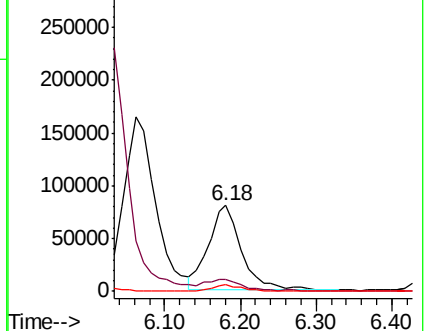
70 7.7 5.1 7.7



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: 54.372 ug/l

RT: 7.11 min Scan# 577

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

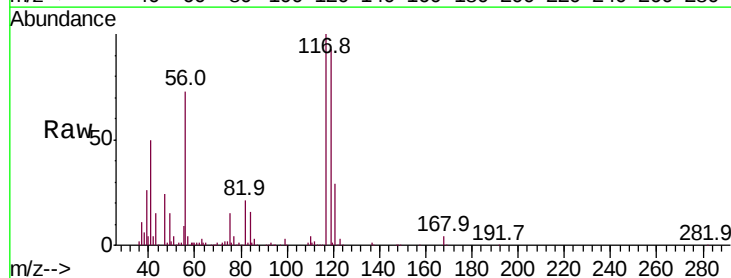
Tgt Ion: 117 Resp: 1051472

Ion Ratio Lower Upper

117 100

119 93.0 78.2 117.2

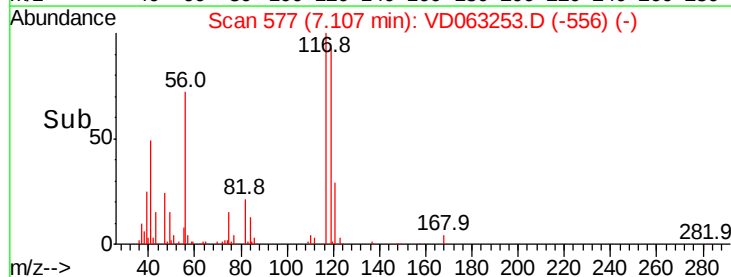
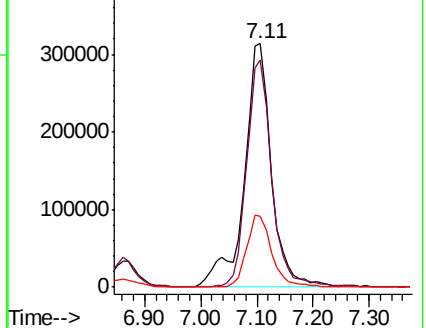
121 29.2 22.1 33.1

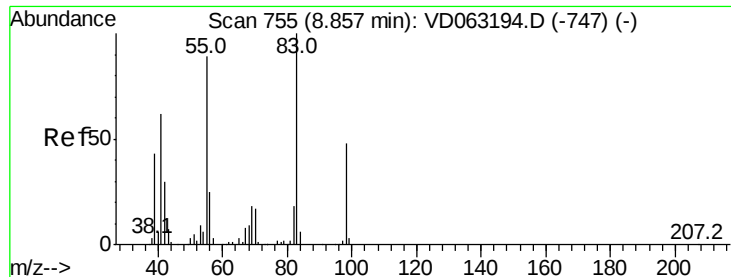


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

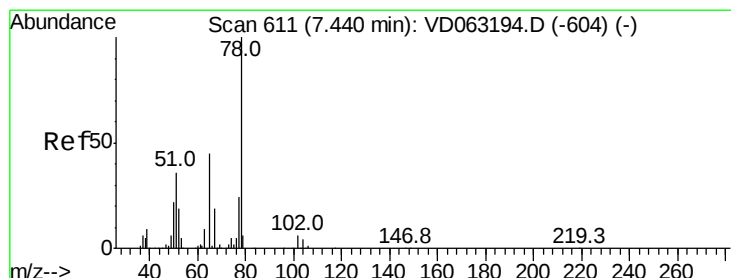
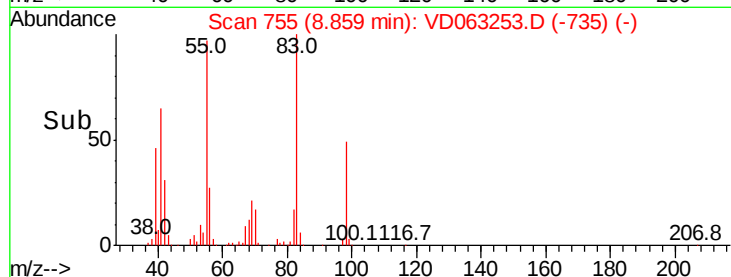
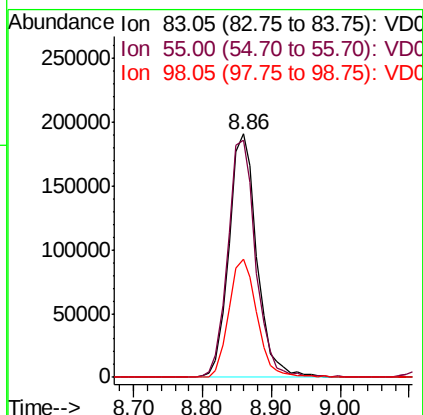
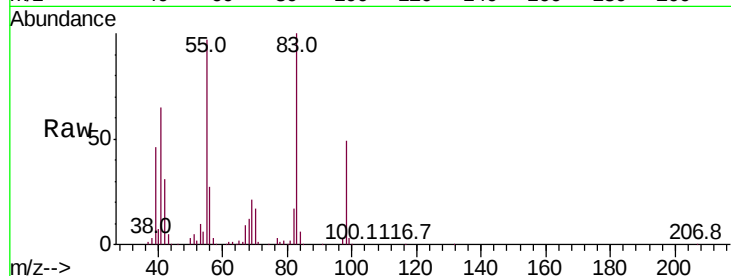




#39  
Methvlcvclohexane  
Concen: 49.982 ug/l  
RT: 8.86 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

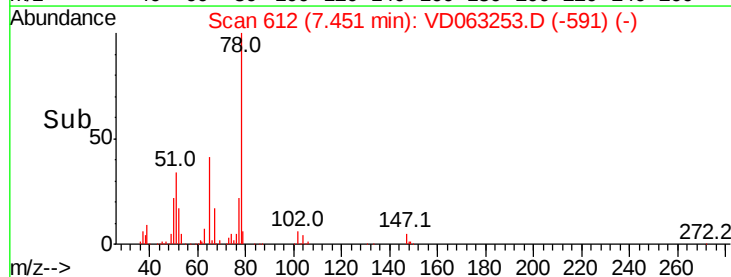
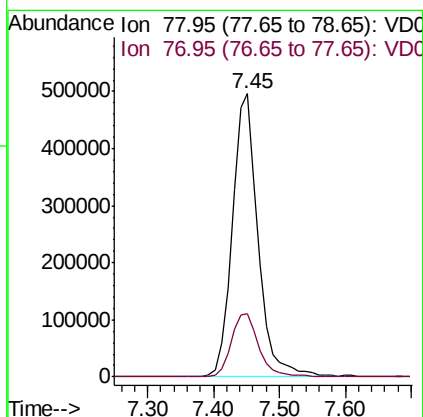
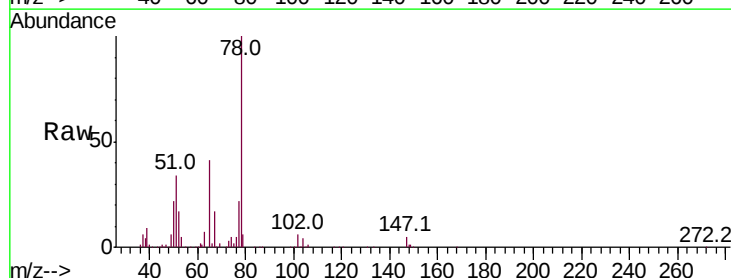
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

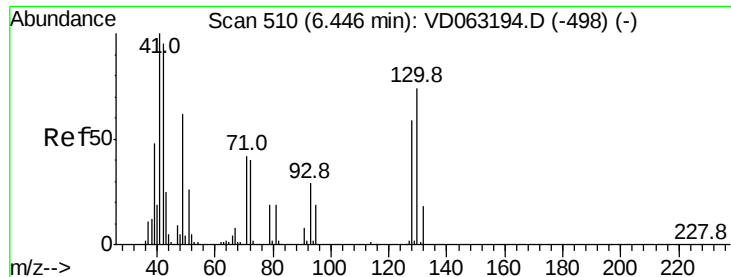
Tot Ion: 83 Resp: 534929  
Ion Ratio Lower Upper  
83 100  
55 97.3 71.1 106.7  
98 48.6 38.5 57.7



#40  
Benzene  
Concen: 50.354 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. 0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 78 Resp: 1355606  
Ion Ratio Lower Upper  
78 100  
77 22.2 19.4 29.2

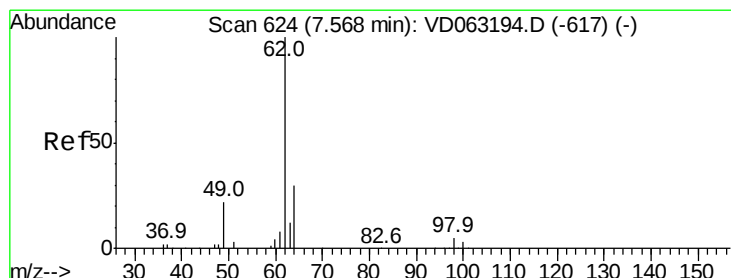
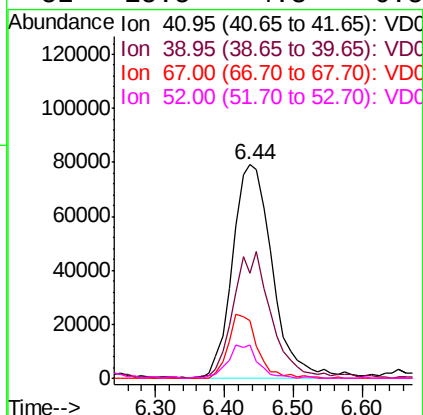
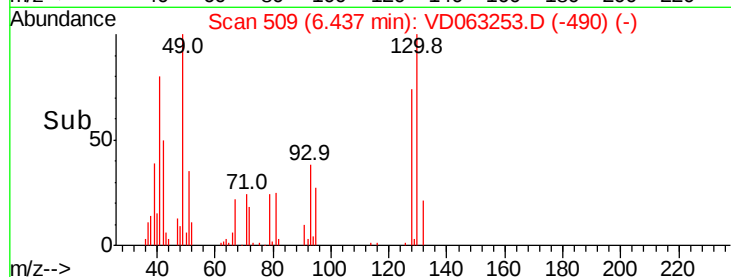
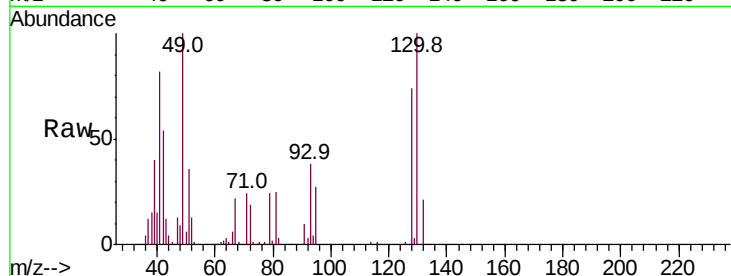




#41  
Methacrylonitrile  
Concen: 45.925 ug/l  
RT: 6.44 min Scan# 509  
Delta R.T. -0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

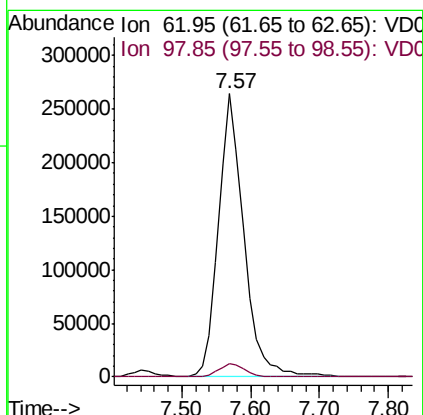
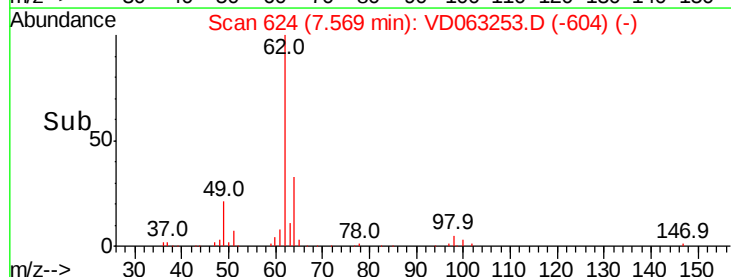
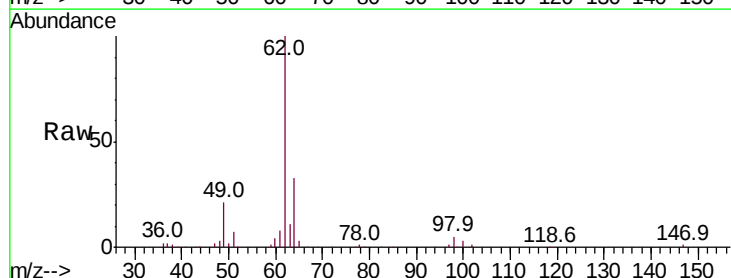
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

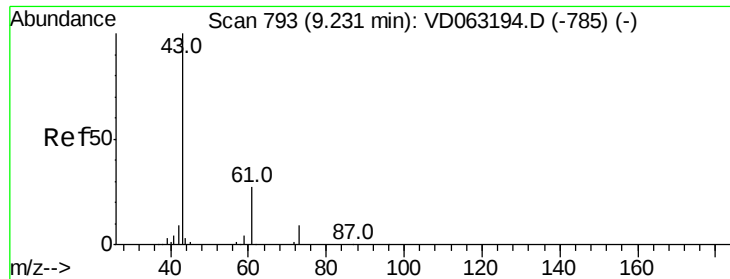
Tot Ion: 41 Resp: 317031  
Ion Ratio Lower Upper  
41 100  
39 48.9 38.4 57.6  
67 27.0 6.7 10.1#  
52 15.5 4.3 6.5#



#42  
1,2-Dichloroethane  
Concen: 47.102 ug/l  
RT: 7.57 min Scan# 624  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 62 Resp: 672050  
Ion Ratio Lower Upper  
62 100  
98 4.9 0.0 9.8



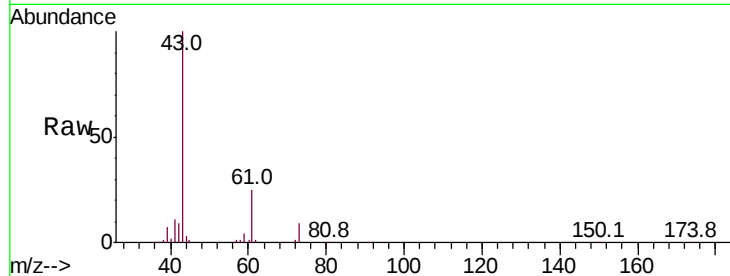


#43

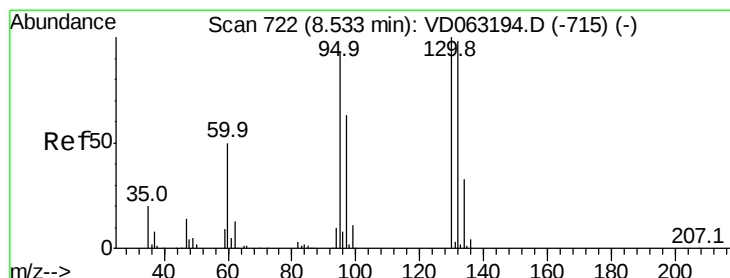
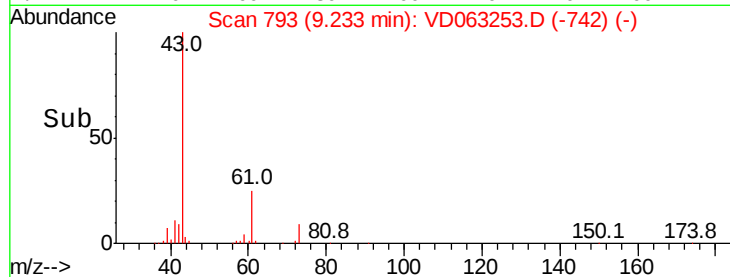
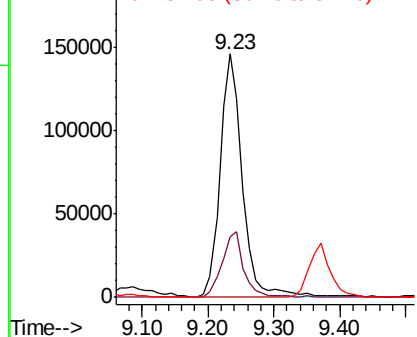
Isopropyl Acetate  
 Concen: 45.686 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 336786  
 Ion Ratio Lower Upper  
 43 100  
 61 25.1 21.4 32.0  
 87 0.0 0.2 0.4#



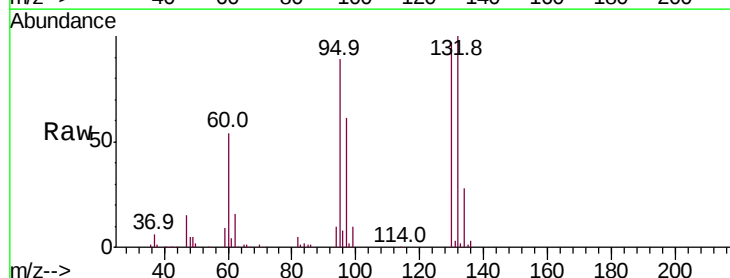
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



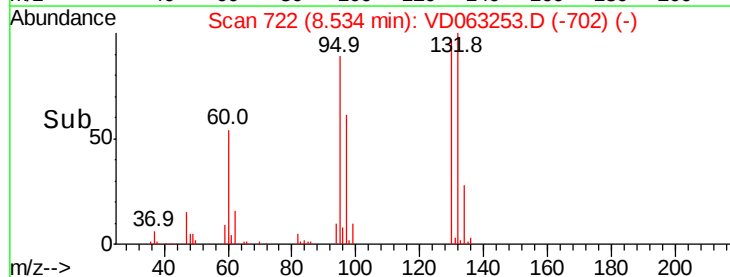
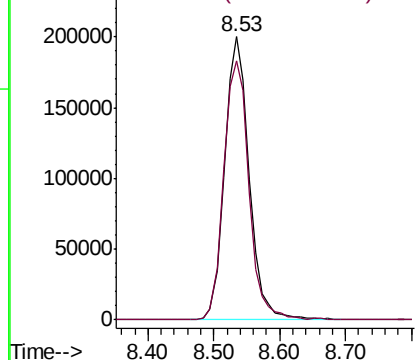
#44

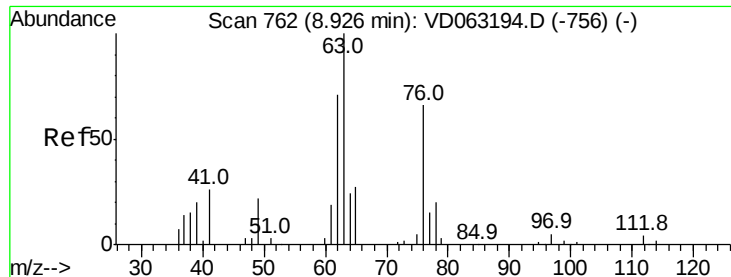
Trichloroethene  
 Concen: 47.837 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion:130 Resp: 521854  
 Ion Ratio Lower Upper  
 130 100  
 95 91.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 44.959 ug/l

RT: 8.94 min Scan# 763

Delta R.T. 0.01 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

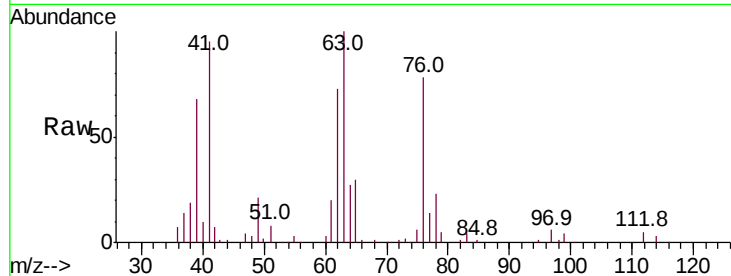
VSTDCCC050EC

Tot Ion: 63 Resp: 307649

Ion Ratio Lower Upper

63 100

65 29.9 23.6 35.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

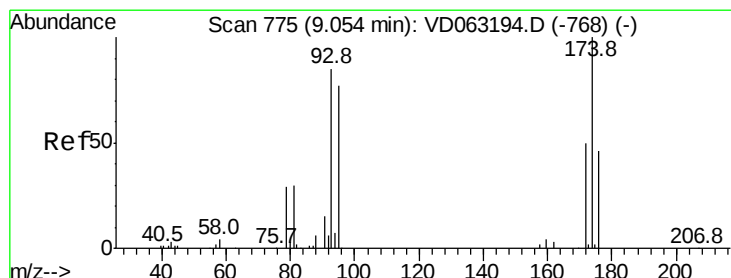
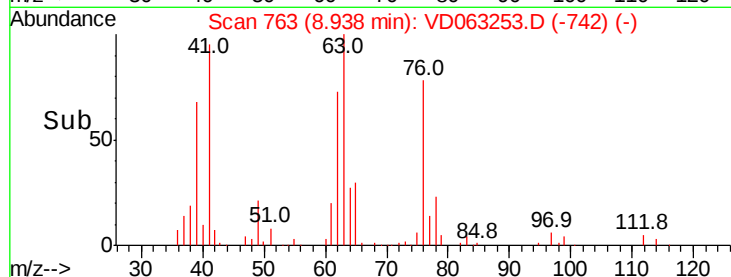
8.94

100000

50000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 48.373 ug/l

RT: 9.06 min Scan# 775

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

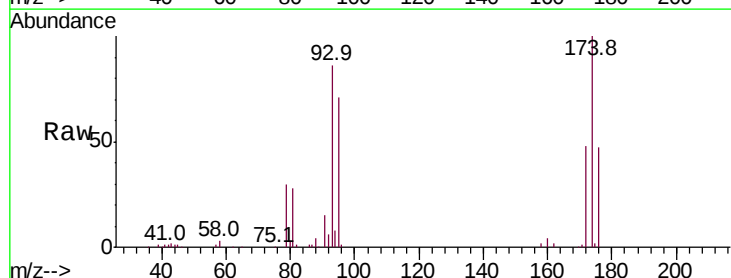
Tgt Ion: 93 Resp: 275225

Ion Ratio Lower Upper

93 100

95 82.9 72.8 109.2

174 116.0 94.4 141.6



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): VDC

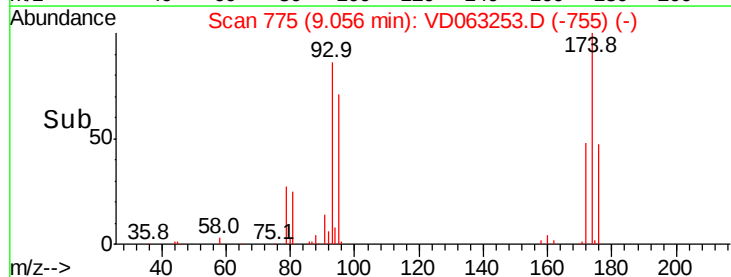
150000

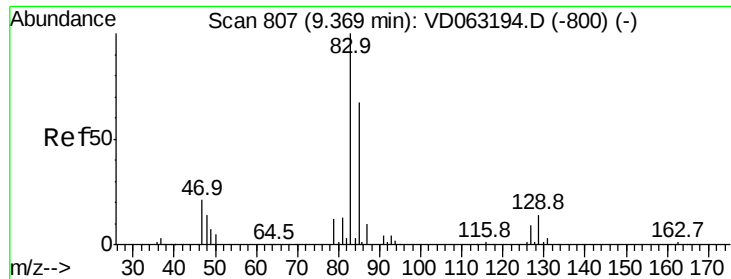
100000

50000

0

Time--> 8.90 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 50.257 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

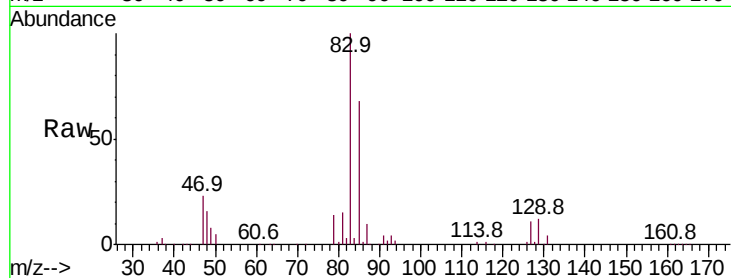
Tot Ion: 83 Resp: 728908

Ion Ratio Lower Upper

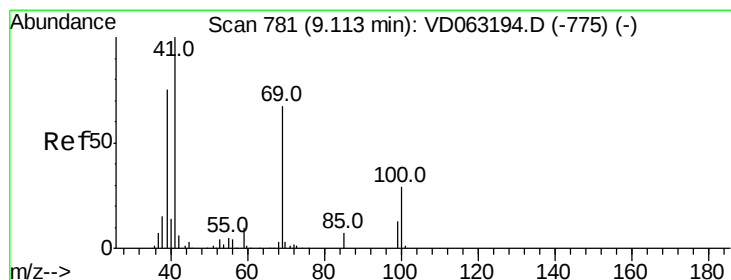
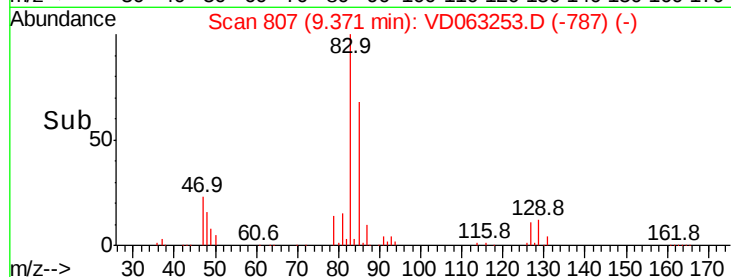
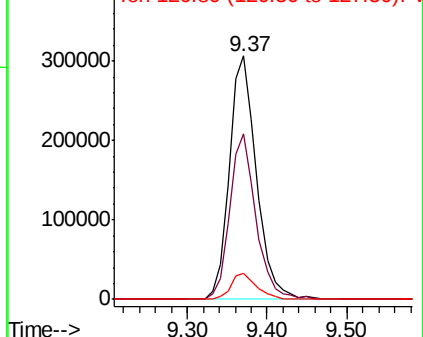
83 100

85 67.9 53.6 80.4

127 10.9 7.2 10.8#



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: 48.428 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

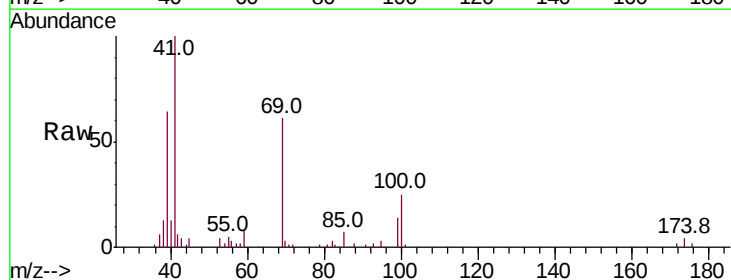
Tgt Ion: 41 Resp: 231538

Ion Ratio Lower Upper

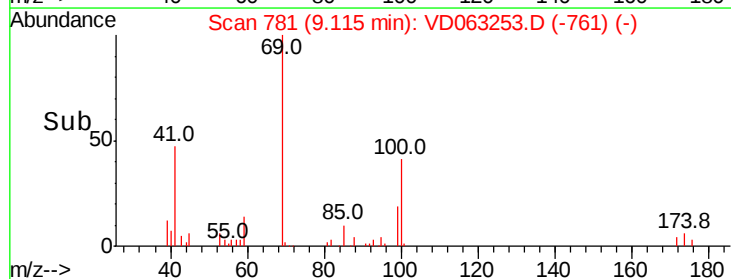
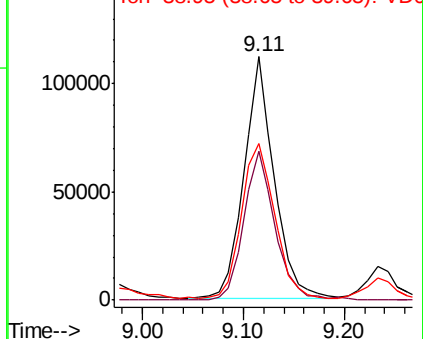
41 100

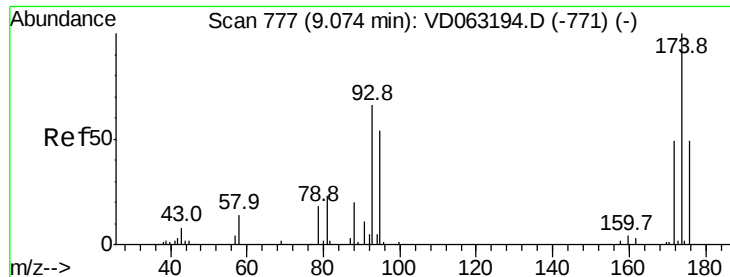
69 61.3 53.4 80.0

39 64.3 60.3 90.5



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

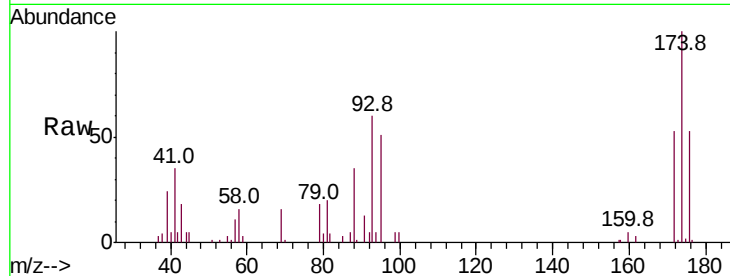




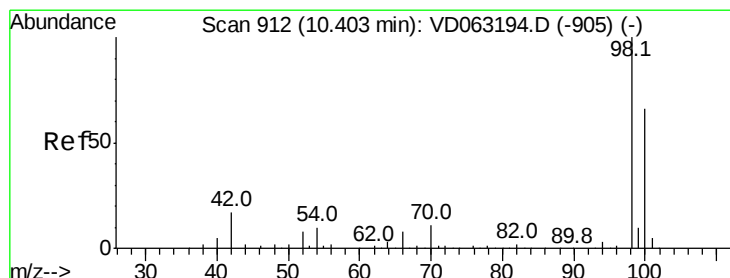
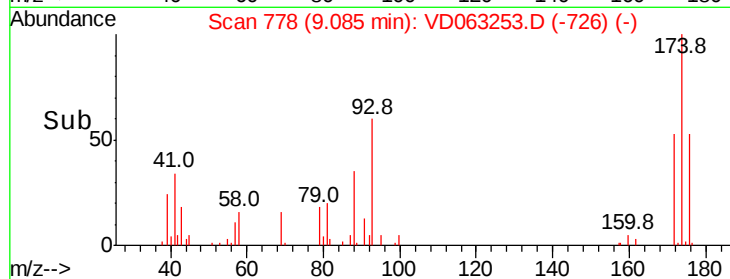
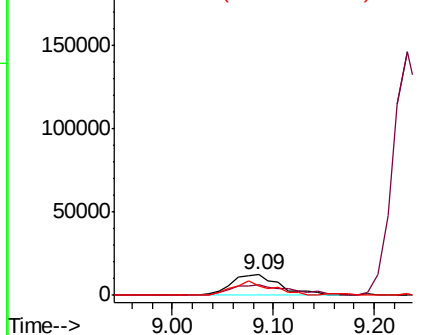
#49  
1,4-Dioxane  
Concen: 1034.486 ug/l  
RT: 9.09 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 88 Resp: 41892  
Ion Ratio Lower Upper  
88 100  
43 51.4 30.7 46.1#  
58 44.8 56.5 84.7#

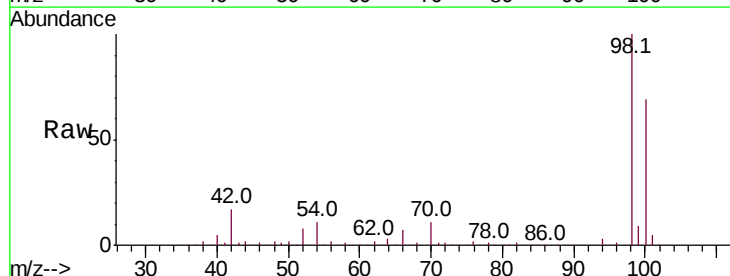


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

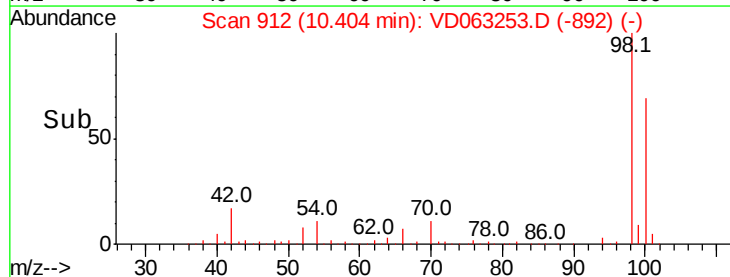
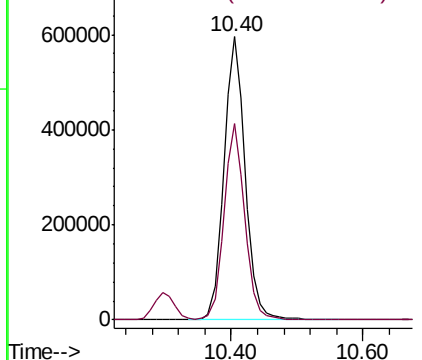


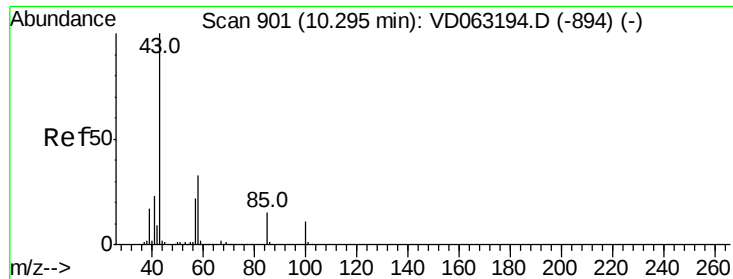
#50  
Toluene-d8  
Concen: 49.856 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 98 Resp: 1340859  
Ion Ratio Lower Upper  
98 100  
100 69.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC

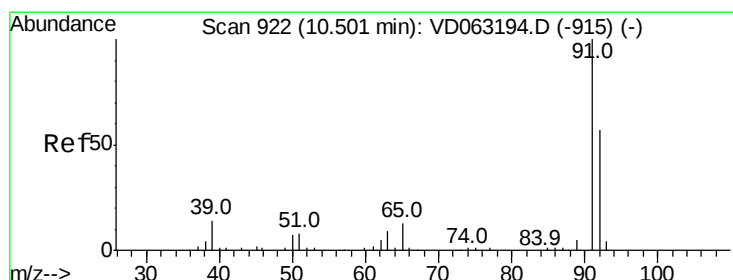
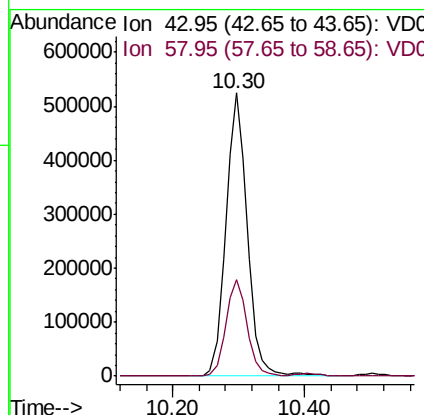
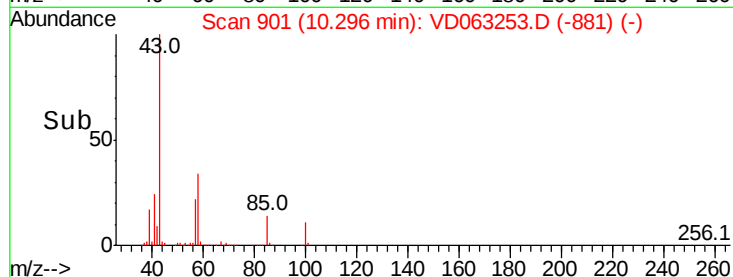
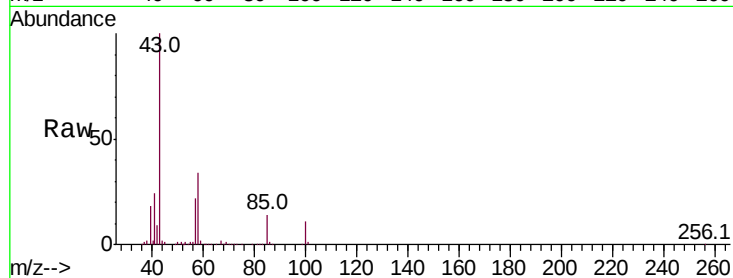




#51  
4-Methyl-2-Pentanone  
Concen: 236.715 ug/l  
RT: 10.30 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

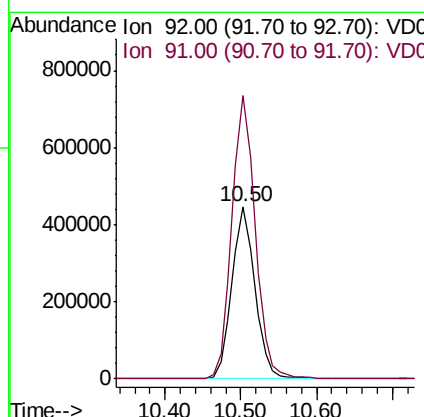
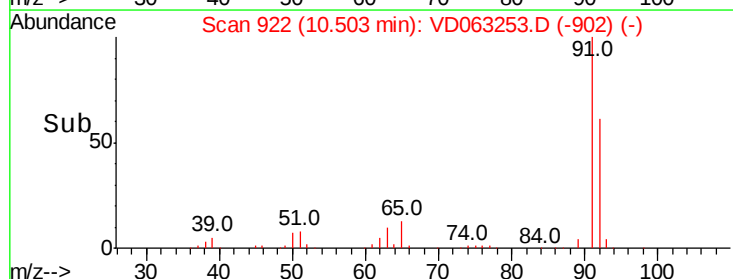
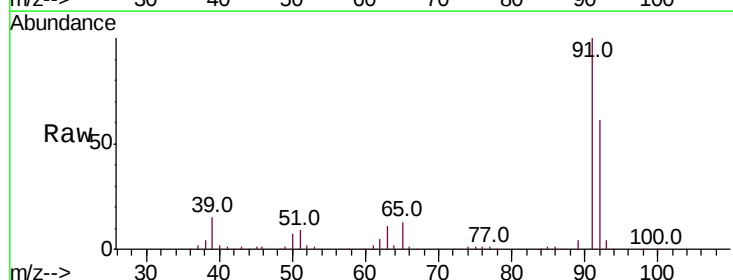
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

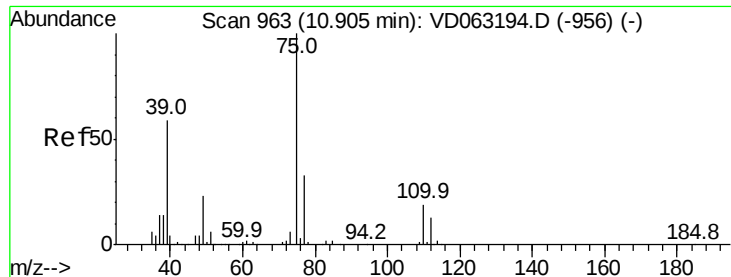
Tot Ion: 43 Resp: 1186757  
Ion Ratio Lower Upper  
43 100  
58 34.0 26.2 39.2



#52  
Toluene  
Concen: 52.498 ug/l  
RT: 10.50 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 92 Resp: 940024  
Ion Ratio Lower Upper  
92 100  
91 164.2 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 45.695 ug/l

RT: 10.91 min Scan# 963

Delta R.T. 0.00 min

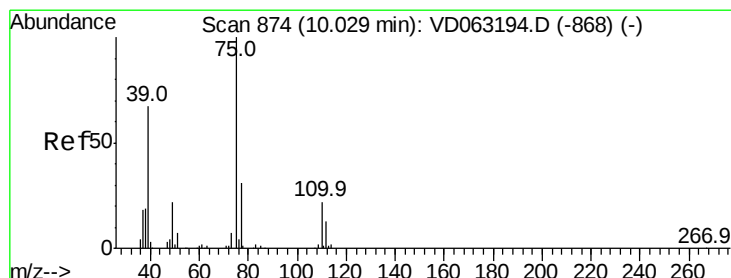
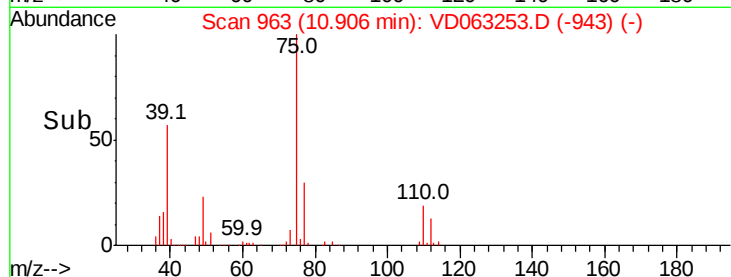
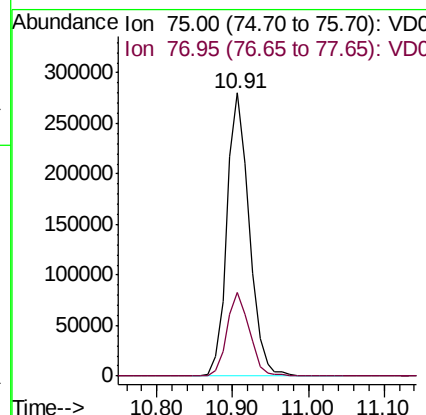
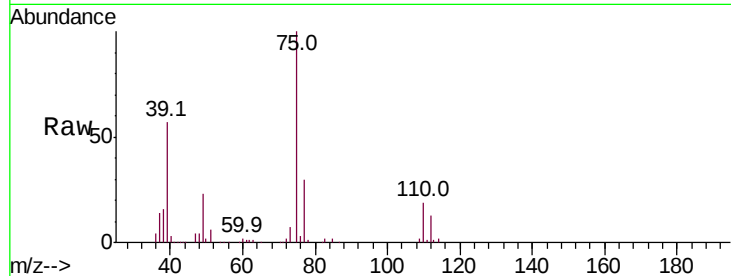
Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 571381

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 29.8  | 26.6  | 40.0  |



#54

cis-1,3-Dichloropropene

Concen: 47.876 ug/l

RT: 10.03 min Scan# 874

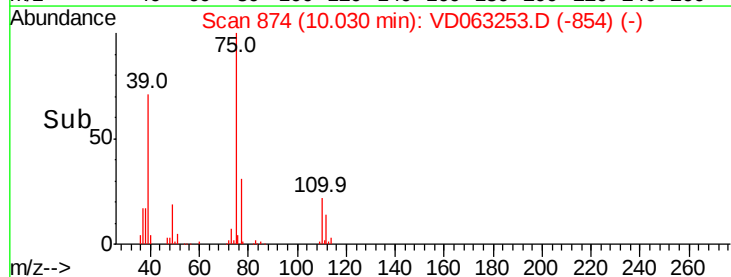
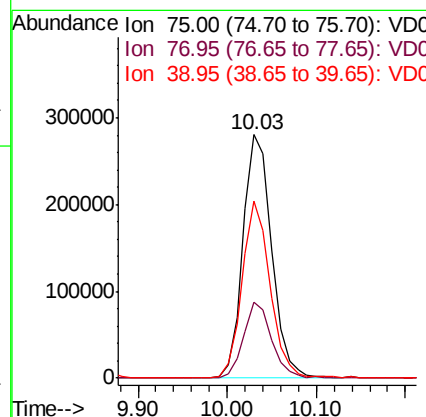
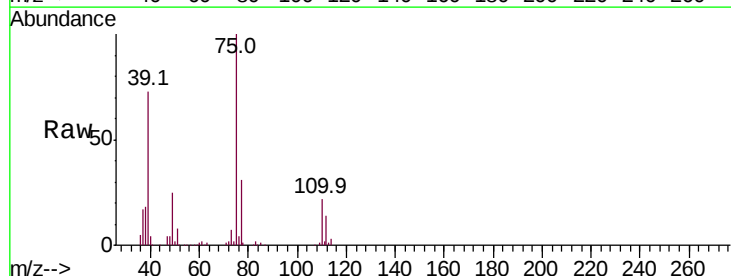
Delta R.T. 0.00 min

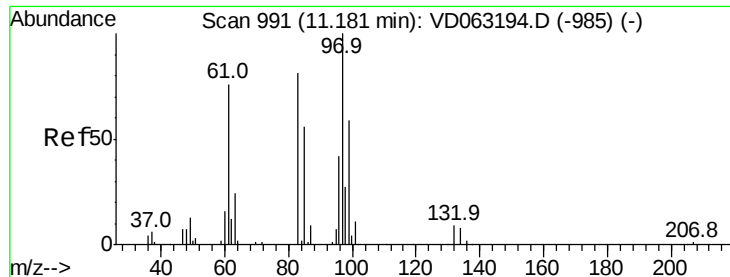
Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Tgt Ion: 75 Resp: 629156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.0  | 24.9  | 37.3  |
| 39  | 73.0  | 53.9  | 80.9  |



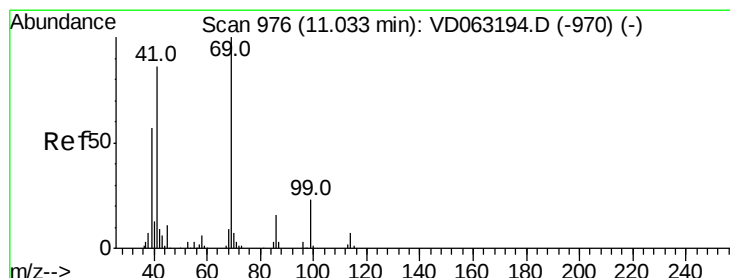
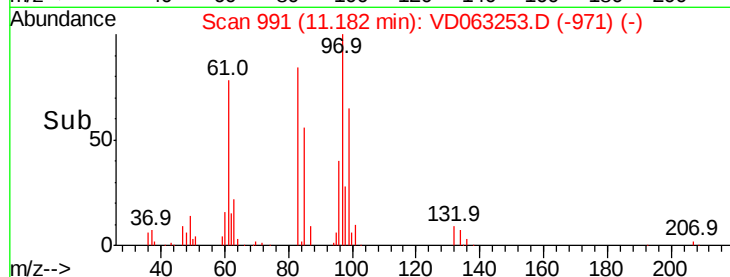
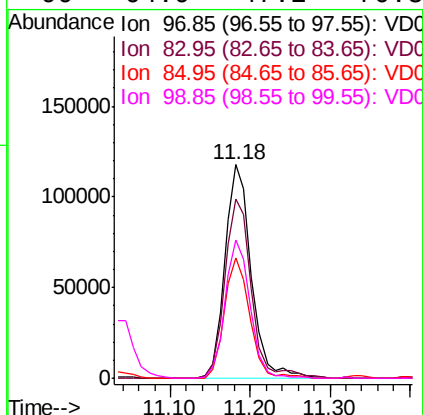
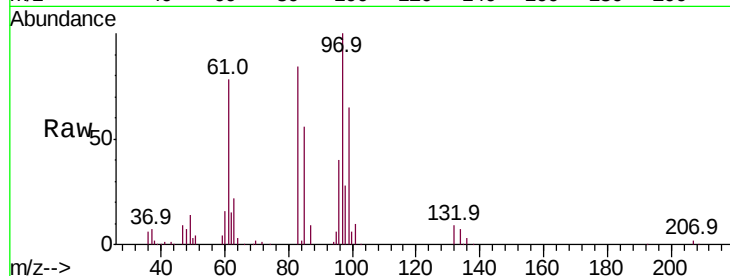


#55  
 1,1,2-Trichloroethane  
 Concen: 45.195 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 273308

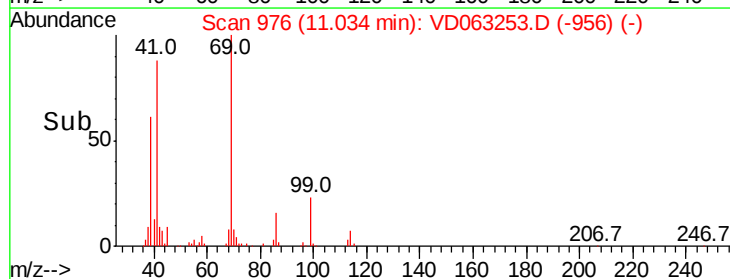
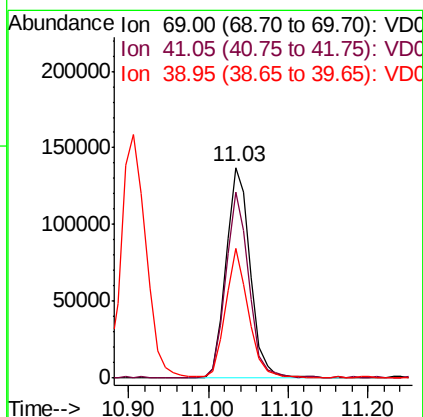
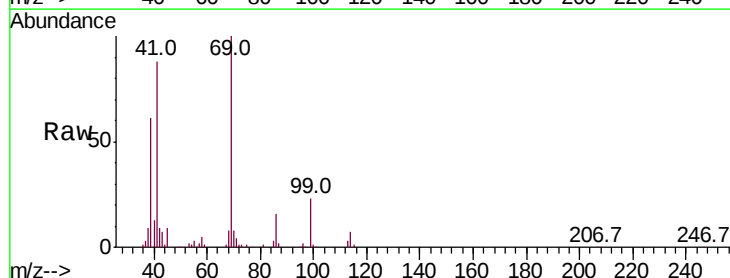
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.0  | 64.8  | 97.2  |
| 85  | 56.4  | 44.9  | 67.3  |
| 99  | 64.9  | 47.2  | 70.8  |

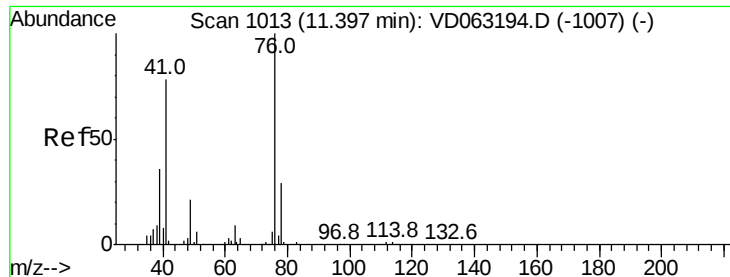


#56  
 Ethyl methacrylate  
 Concen: 44.350 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion: 69 Resp: 293684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 88.3  | 68.8  | 103.2 |
| 39  | 61.5  | 45.8  | 68.8  |





#57

1,3-Dichloropropane

Concen: 48.080 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

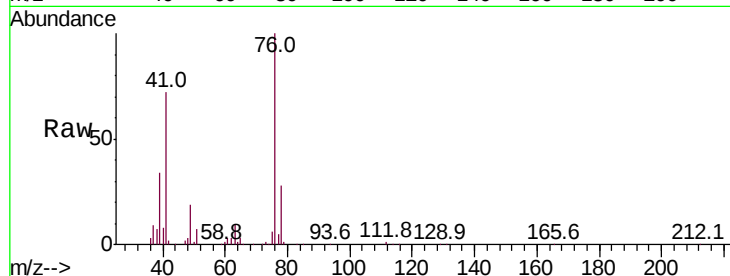
VSTDCCC050EC

Tot Ion: 76 Resp: 458116

Ion Ratio Lower Upper

76 100

78 27.8 23.4 35.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.40

250000

200000

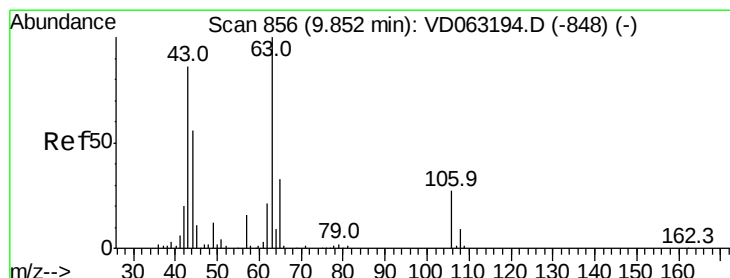
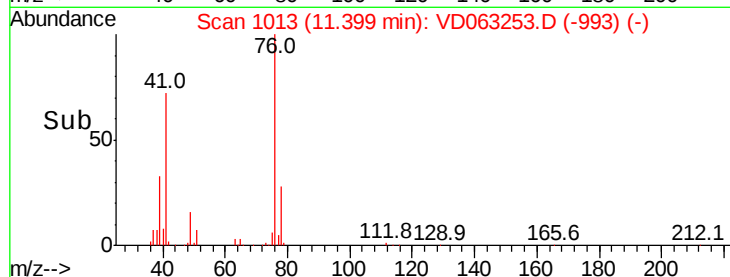
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.097 ug/l

RT: 9.85 min Scan# 856

Delta R.T. 0.00 min

Lab File: VD063253.D

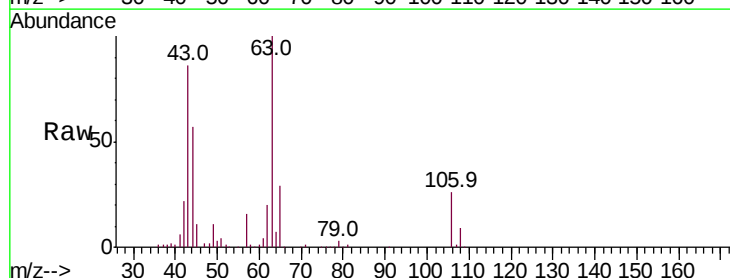
Acq: 30 Jul 2019 20:56

Tgt Ion: 63 Resp: 768727

Ion Ratio Lower Upper

63 100

106 25.9 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.85

400000

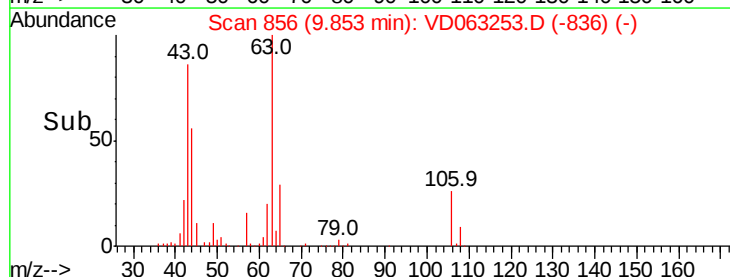
300000

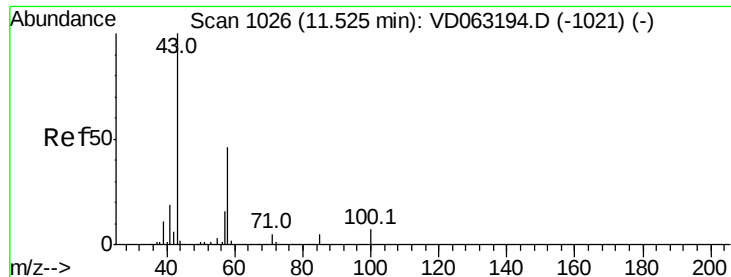
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 226.133 ug/l

RT: 11.53 min Scan# 1026

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

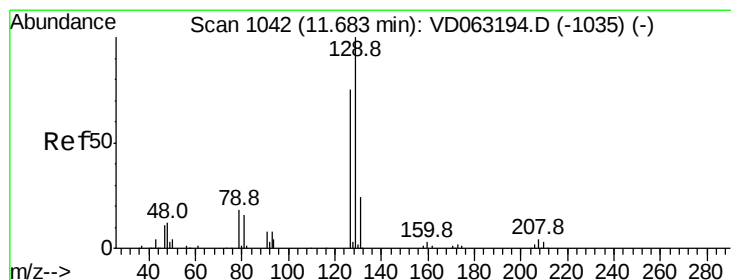
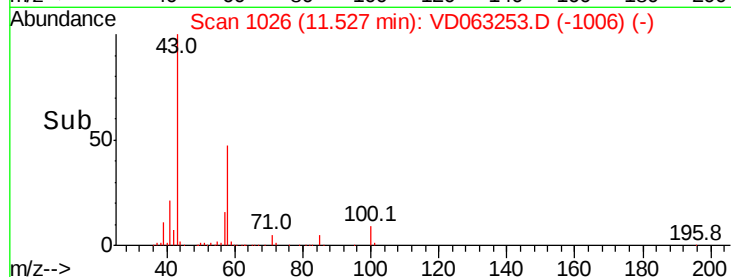
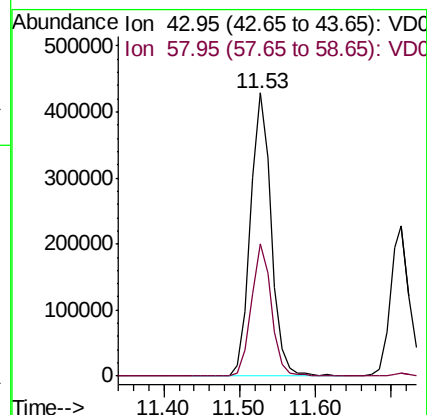
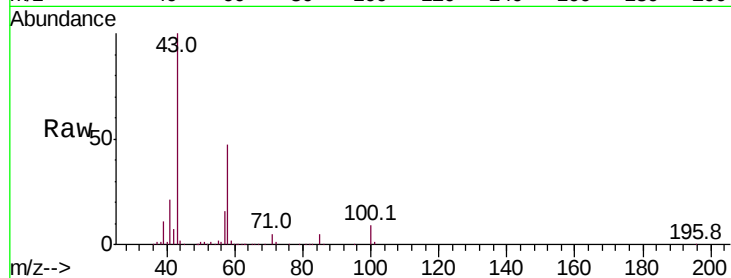
VSTDCCC050EC

Tot Ion: 43 Resp: 816993

Ion Ratio Lower Upper

43 100

58 46.7 22.9 68.5



#60

Dibromochloromethane

Concen: 47.955 ug/l

RT: 11.68 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VD063253.D

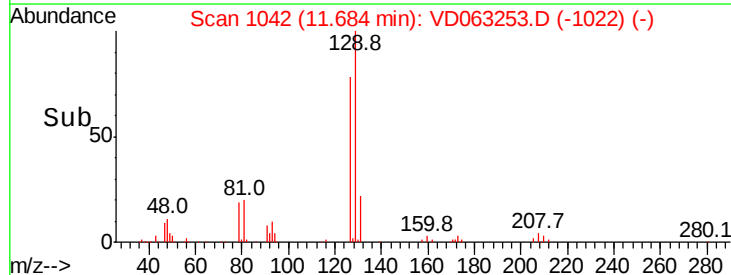
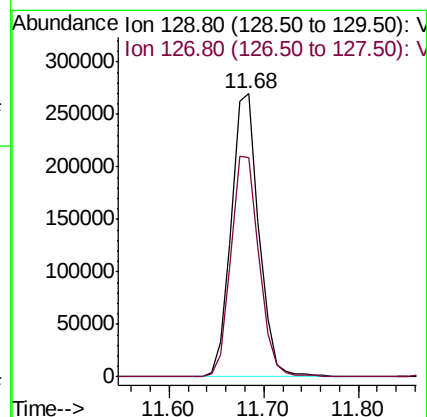
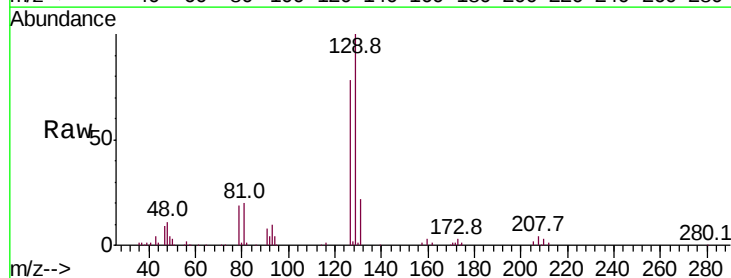
Acq: 30 Jul 2019 20:56

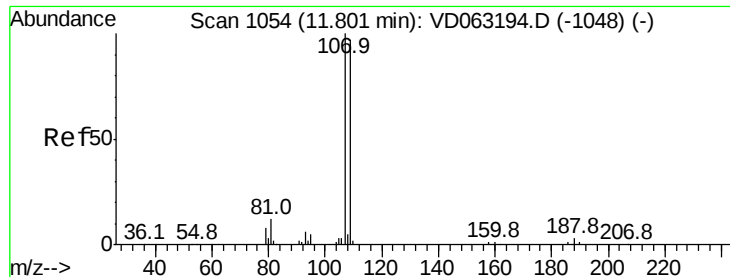
Tgt Ion: 129 Resp: 547480

Ion Ratio Lower Upper

129 100

127 77.6 37.6 112.8

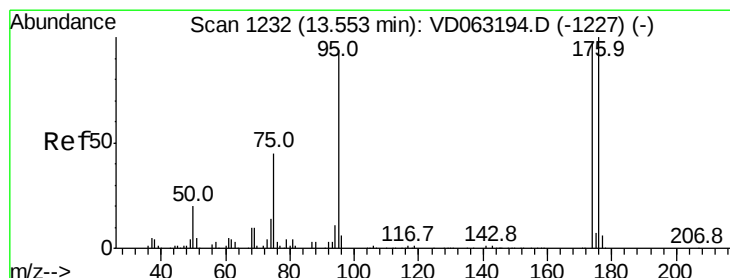
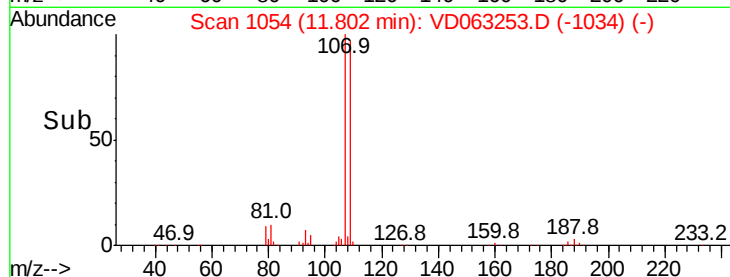
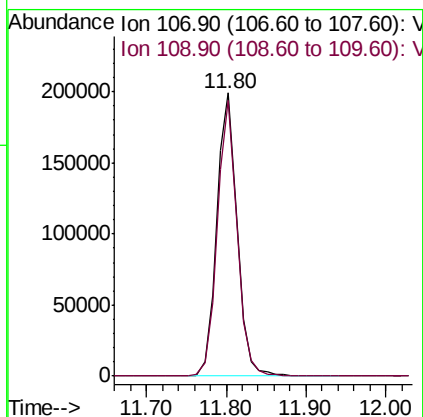
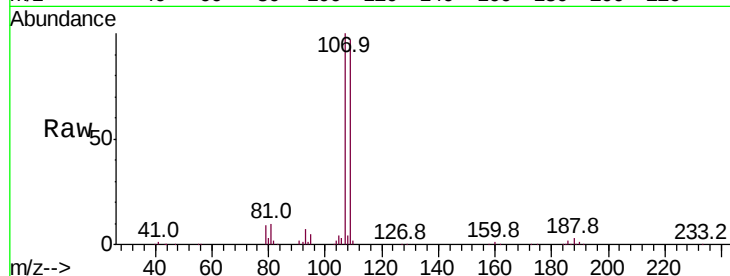




#61  
 1,2-Dibromoethane  
 Concen: 48.211 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

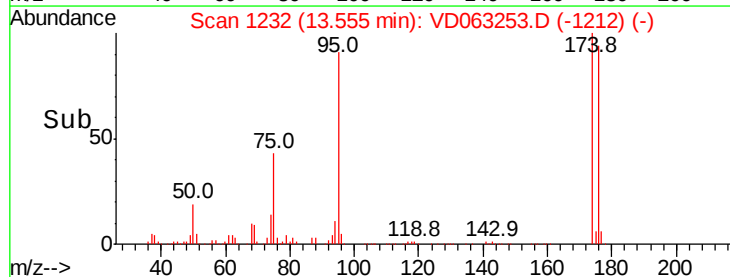
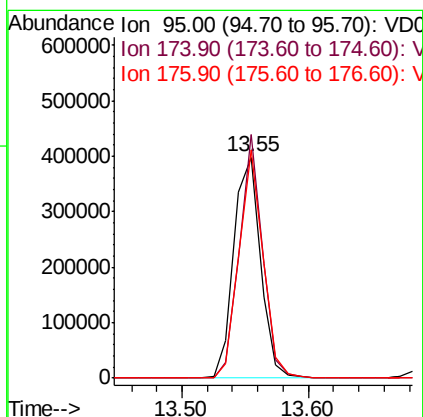
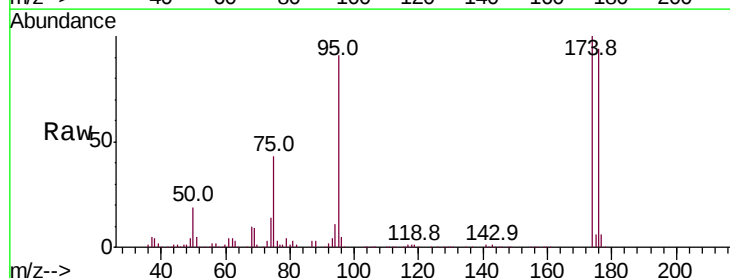
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

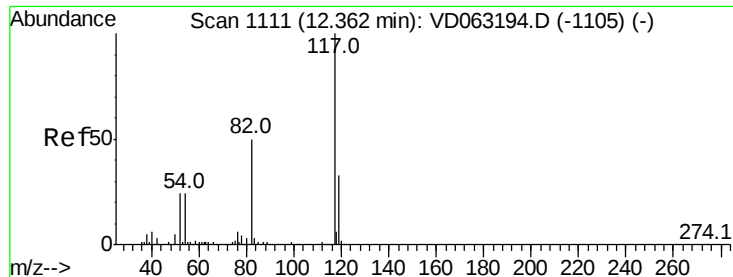
Tot Ion: 107 Resp: 359754  
 Ion Ratio Lower Upper  
 107 100  
 109 97.3 77.5 116.3



#62  
 4-Bromofluorobenzene  
 Concen: 47.371 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion: 95 Resp: 580572  
 Ion Ratio Lower Upper  
 95 100  
 174 110.2 0.0 205.4  
 176 103.6 0.0 211.8

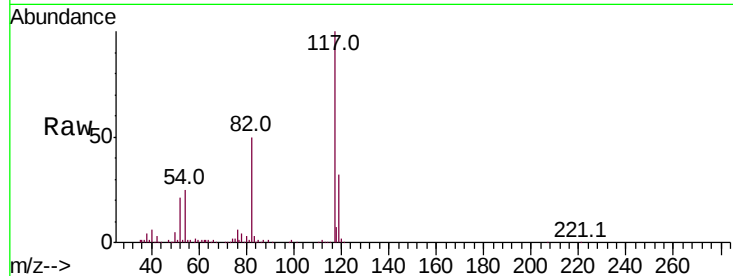




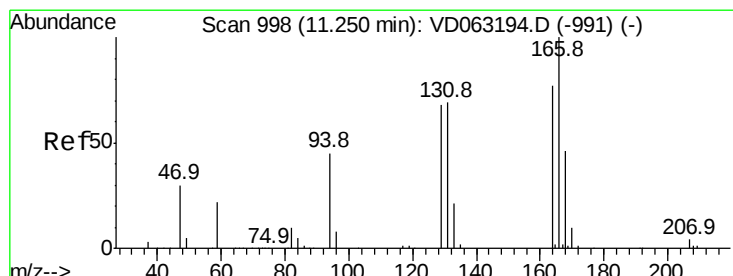
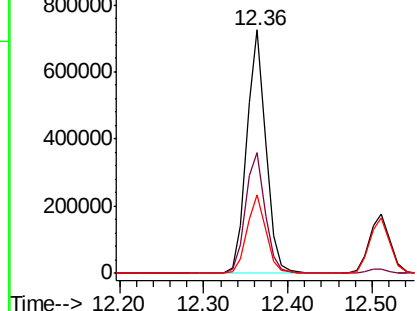
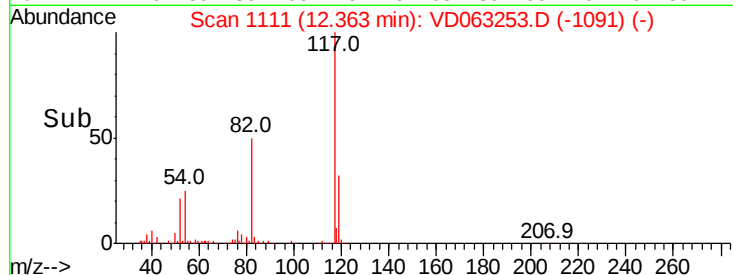
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:117 Resp: 1138645  
Ion Ratio Lower Upper  
117 100  
82 49.6 40.1 60.1  
119 32.5 26.5 39.7

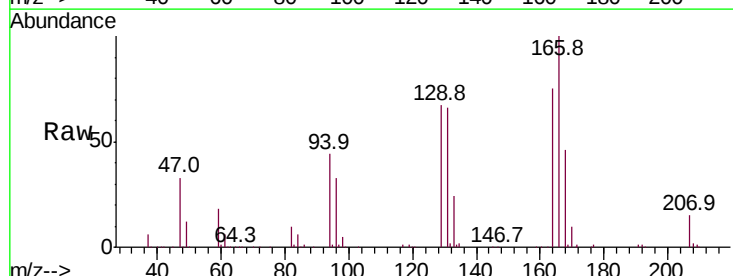


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

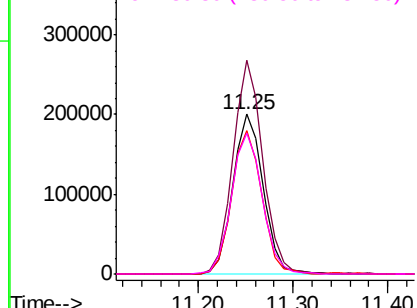
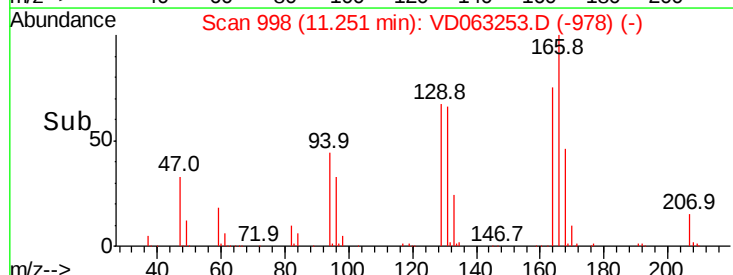


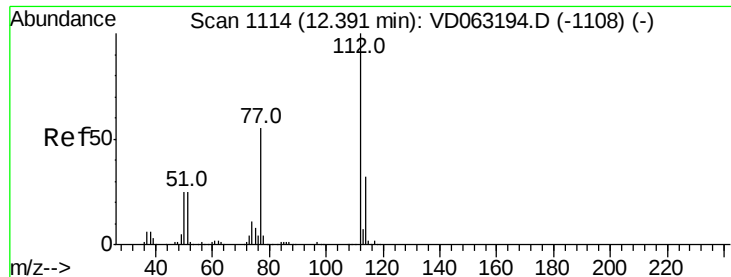
#64  
Tetrachloroethene  
Concen: 48.850 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion:164 Resp: 443123  
Ion Ratio Lower Upper  
164 100  
166 133.9 104.3 156.5  
129 90.2 70.9 106.3  
131 88.5 71.6 107.4



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

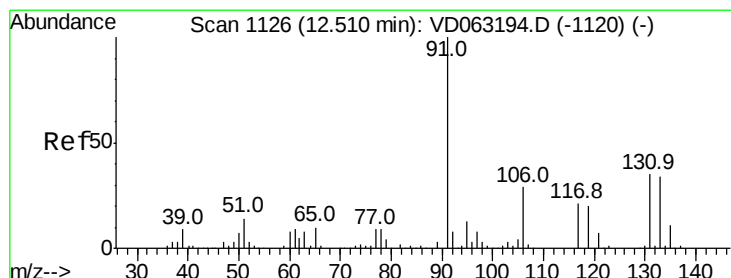
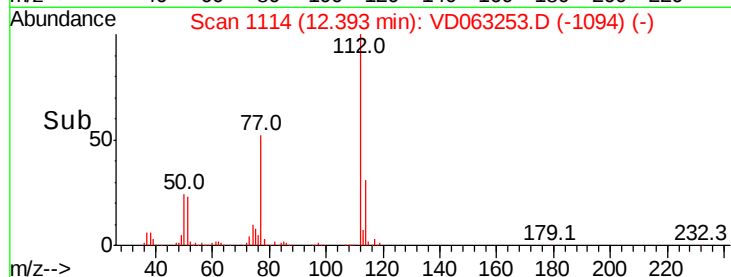
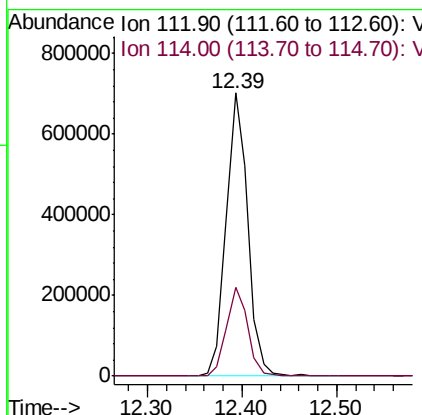
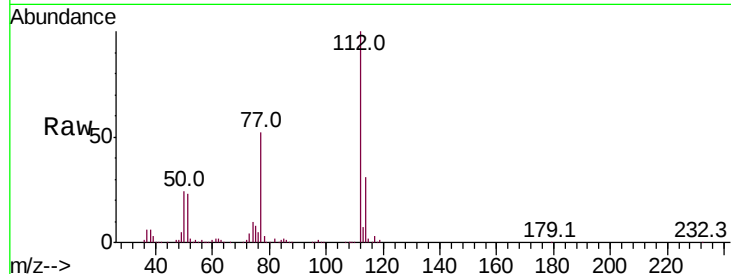




#65  
Chlorobenzene  
Concen: 50.427 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

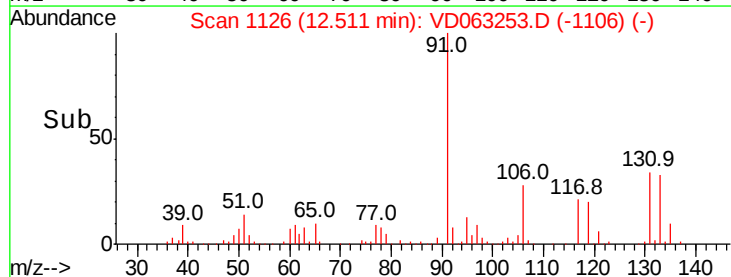
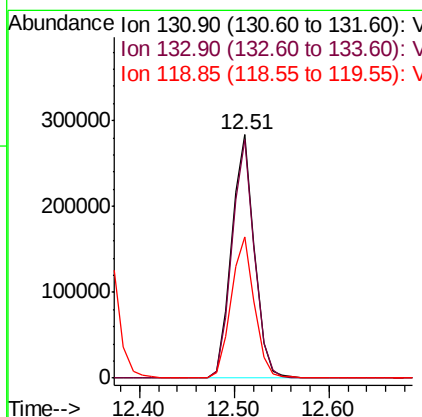
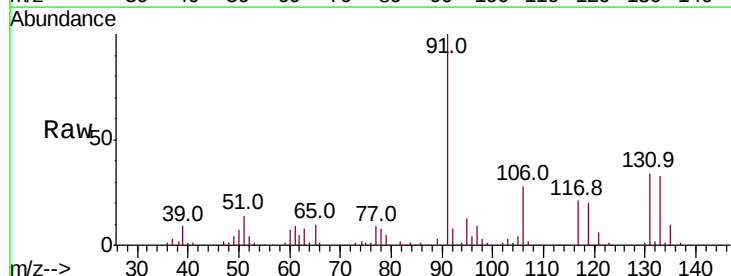
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

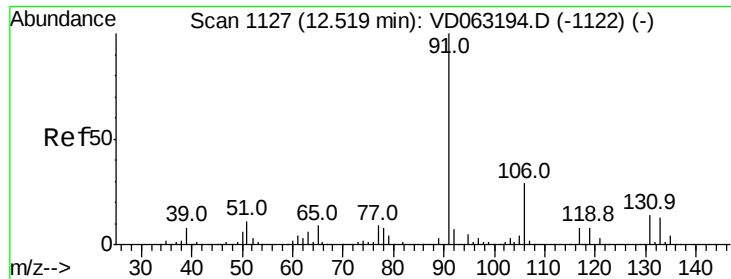
Tot Ion:112 Resp: 1104413  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.031 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion:131 Resp: 473013  
Ion Ratio Lower Upper  
131 100  
133 97.7 48.4 145.2  
119 58.3 29.1 87.3

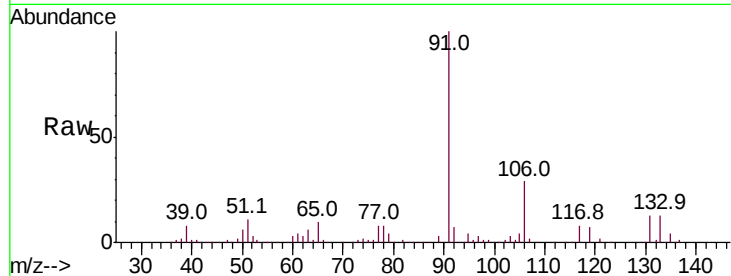




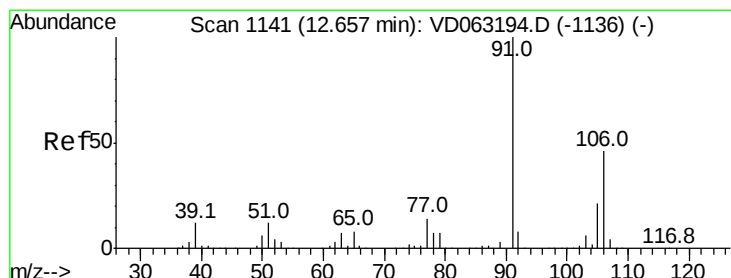
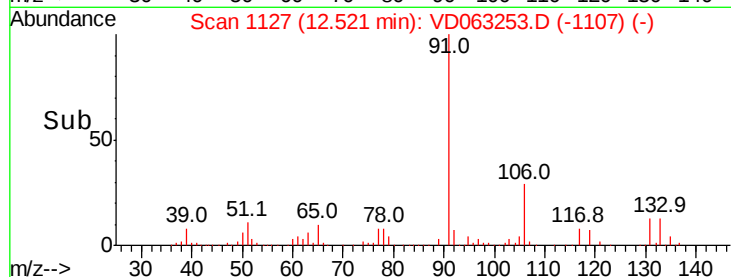
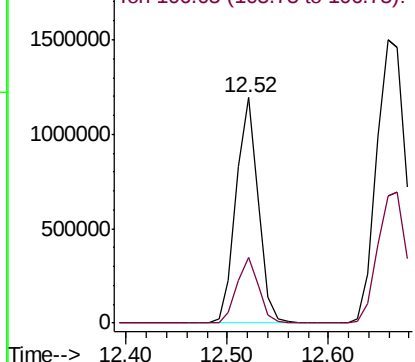
#67  
Ethyl Benzene  
Concen: 48.877 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1818481  
Ion Ratio Lower Upper  
91 100  
106 29.1 22.9 34.3

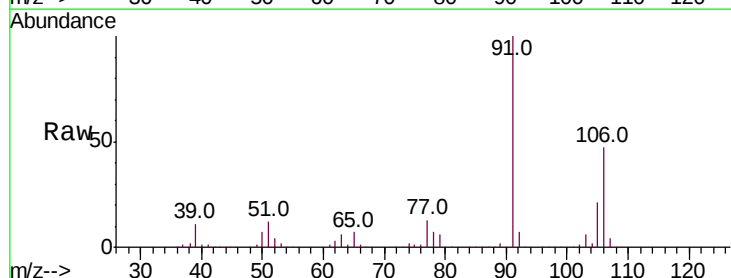


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 106.05 (105.75 to 106.75): V

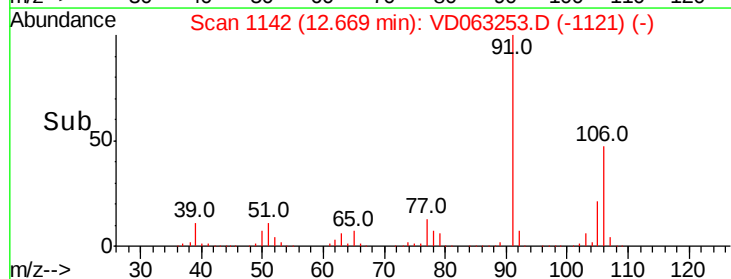
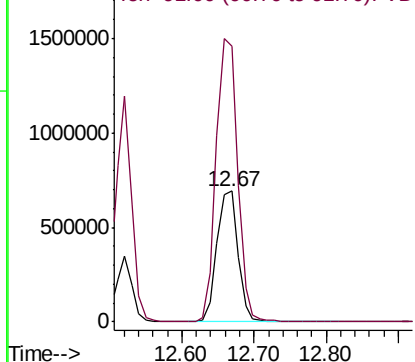


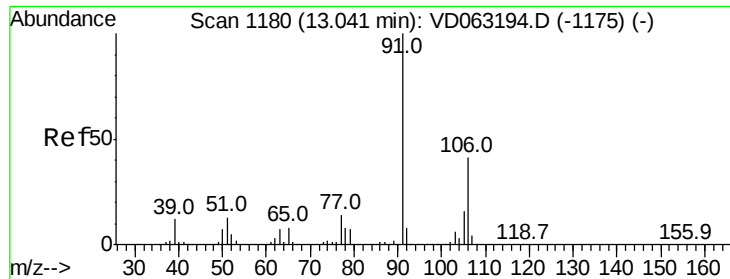
#68  
m/p-Xylenes  
Concen: 101.916 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 106 Resp: 1390583  
Ion Ratio Lower Upper  
106 100  
91 211.1 172.6 259.0



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

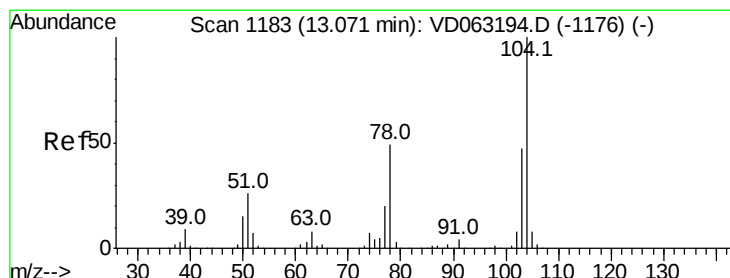
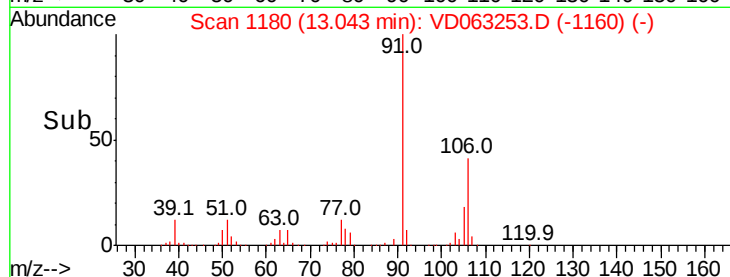
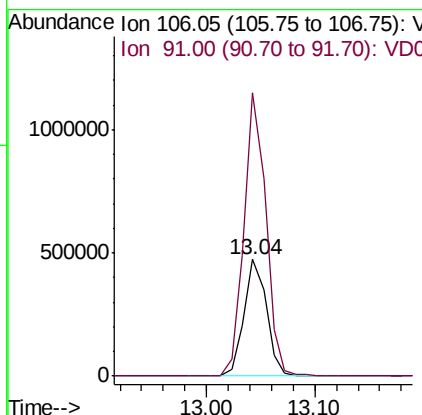
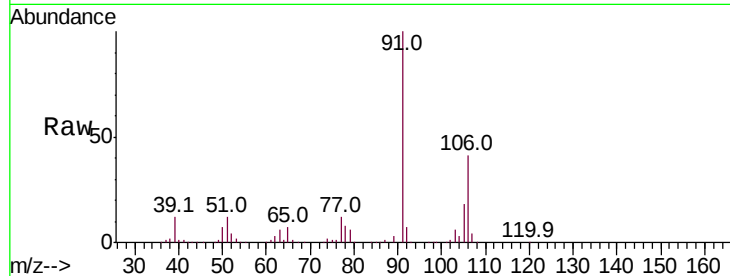




#69  
o-Xylene  
Concen: 54.904 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

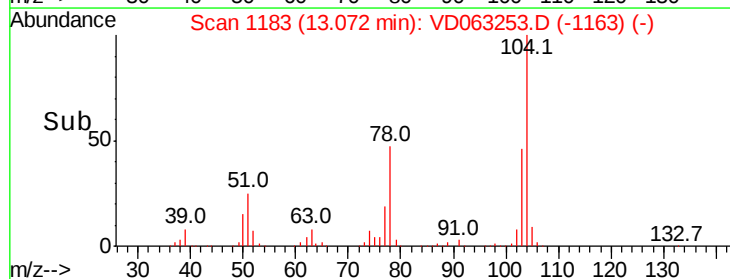
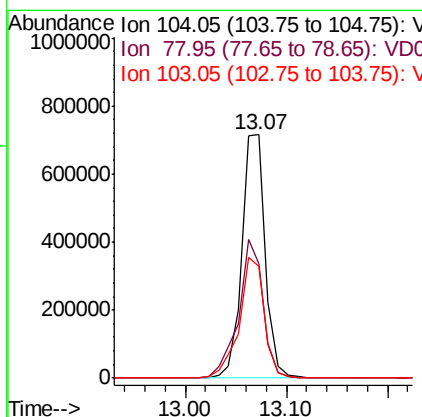
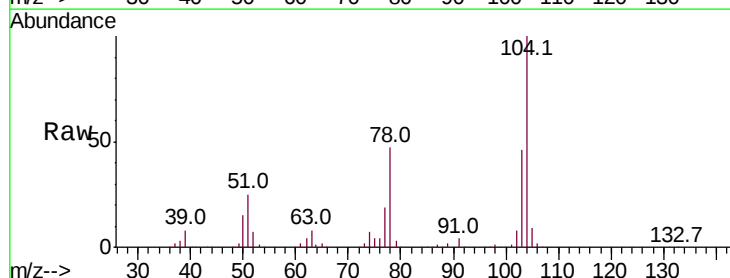
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

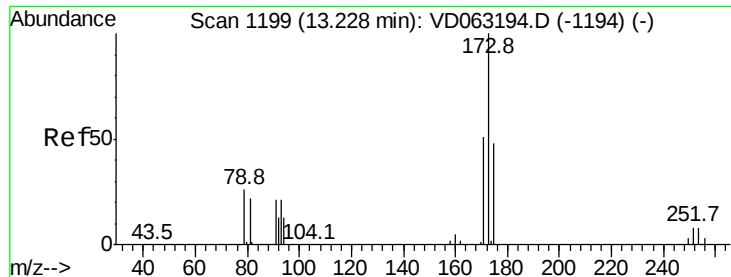
Tot Ion:106 Resp: 687928  
Ion Ratio Lower Upper  
106 100  
91 242.1 121.3 363.9



#70  
Styrene  
Concen: 51.708 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion:104 Resp: 1148977  
Ion Ratio Lower Upper  
104 100  
78 46.8 39.4 59.0  
103 46.1 37.4 56.2





#71

Bromoform

Concen: 51.357 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

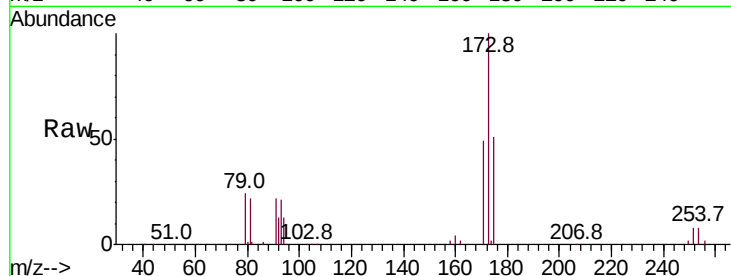
Tot Ion:173 Resp: 360303

Ion Ratio Lower Upper

173 100

175 51.0 23.8 71.5

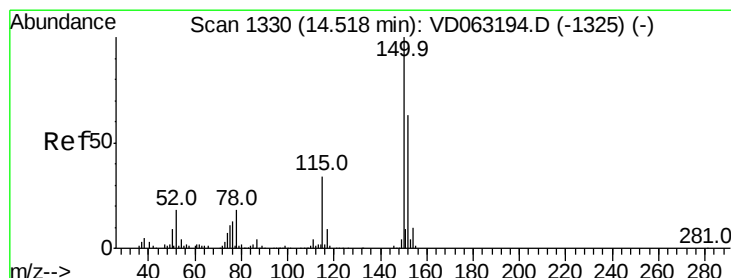
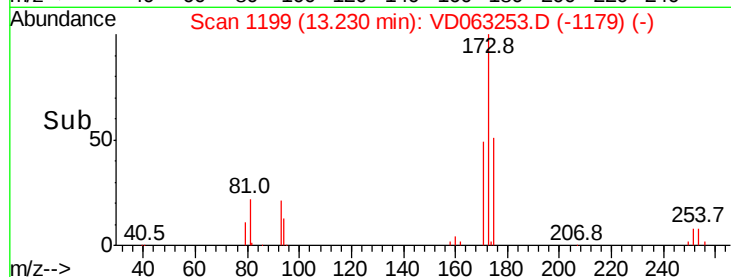
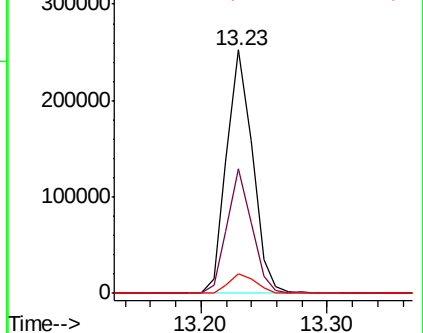
254 7.9 6.6 10.0



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: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

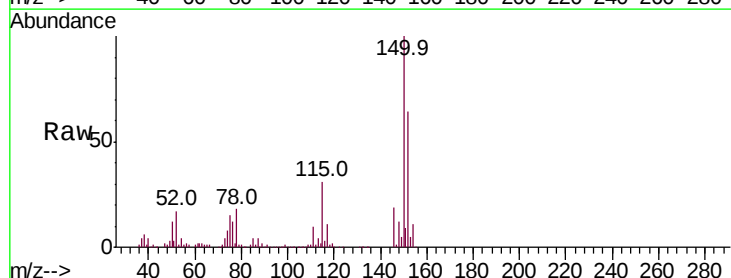
Tgt Ion:152 Resp: 587397

Ion Ratio Lower Upper

152 100

115 48.8 27.5 82.4

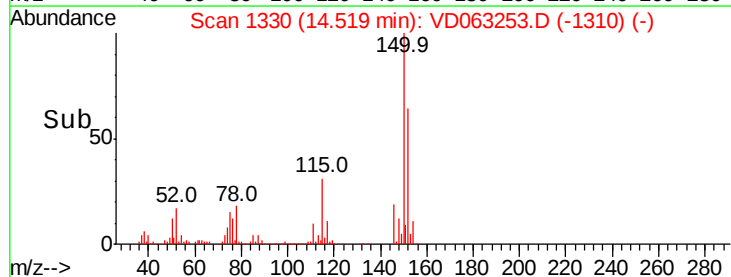
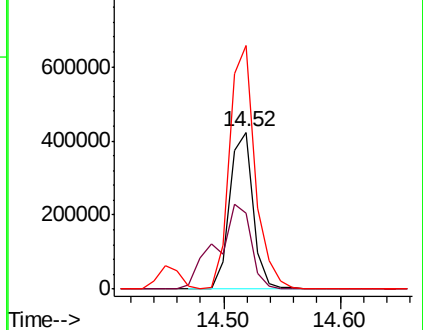
150 155.4 0.0 320.6

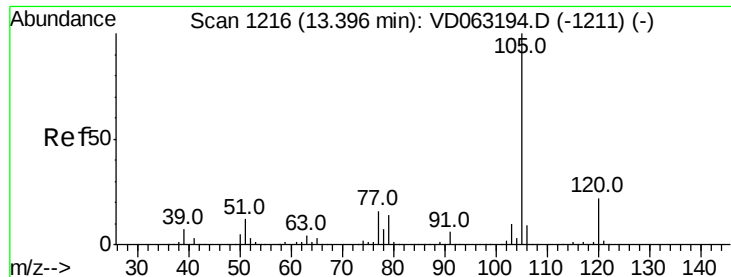


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.668 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

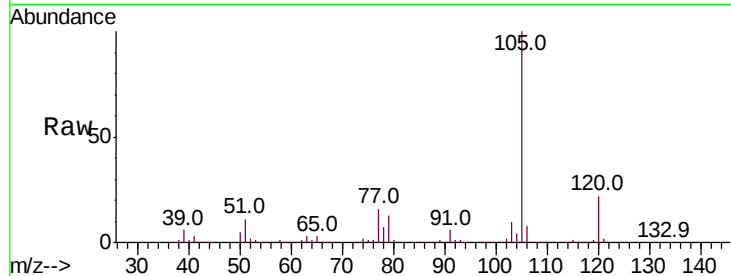
VSTDCCC050EC

Tot Ion:105 Resp: 2015435

Ion Ratio Lower Upper

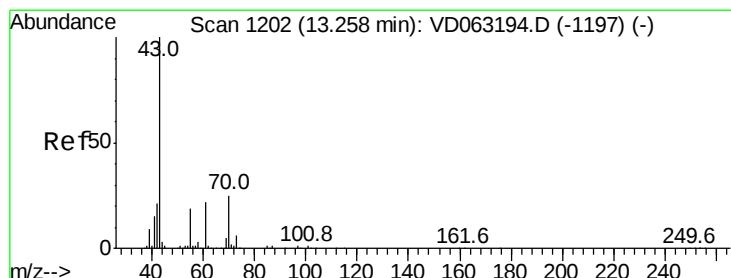
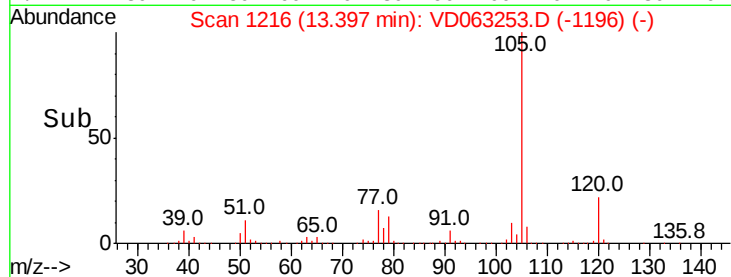
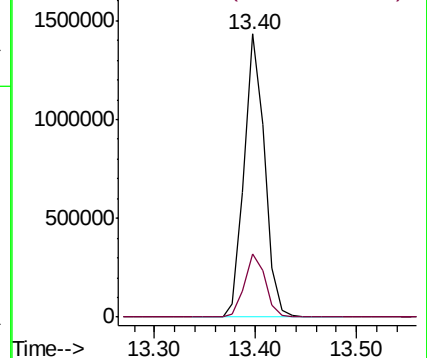
105 100

120 22.2 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 49.900 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Tgt Ion: 43 Resp: 486331

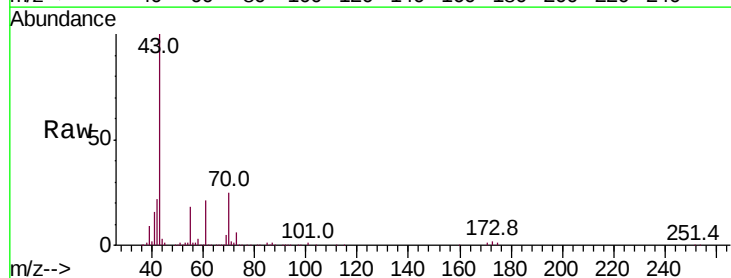
Ion Ratio Lower Upper

43 100

70 25.0 20.2 30.4

55 18.0 14.9 22.3

61 21.4 17.9 26.9

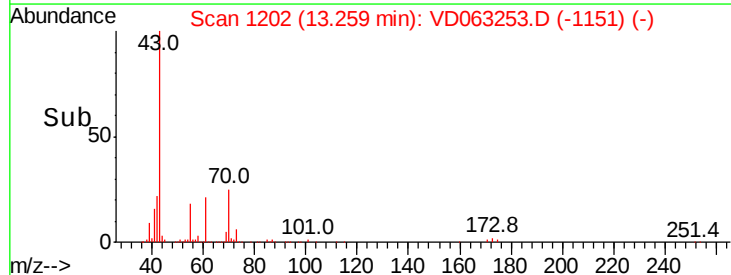
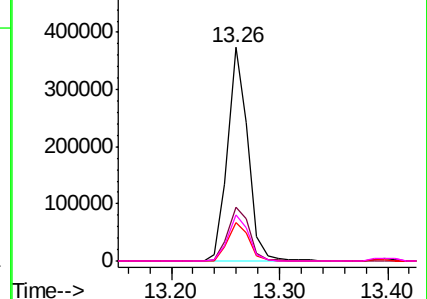


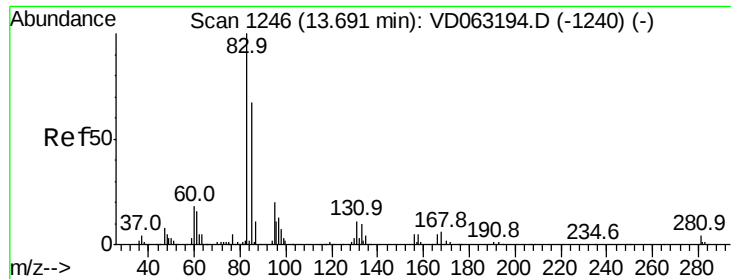
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 53.968 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

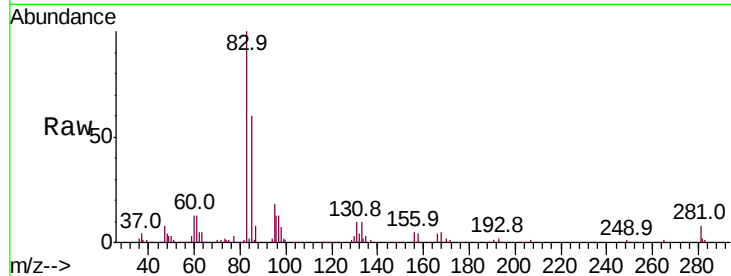
Tot Ion: 83 Resp: 337964

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.7

85 60.5 33.7 101.1

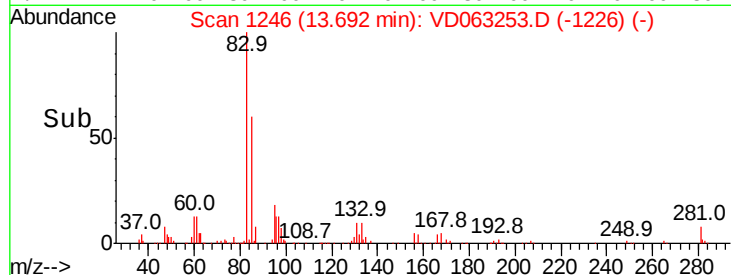


Abundance Ion 82.95 (82.65 to 83.65): VDC

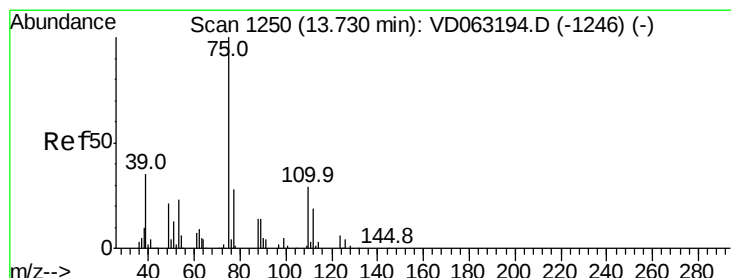
Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

Time--> 13.60 13.70 13.80



Time--> 13.60 13.70 13.80



#76

1,2,3-Trichloropropane

Concen: 50.593 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD063253.D

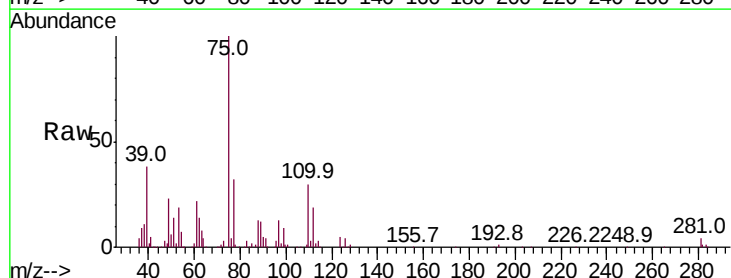
Acq: 30 Jul 2019 20:56

Tgt Ion: 75 Resp: 356955

Ion Ratio Lower Upper

75 100

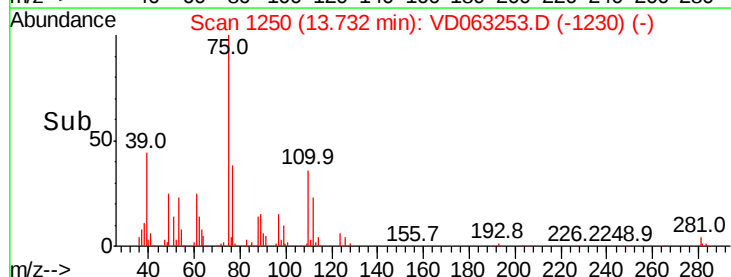
77 32.3 16.0 48.0



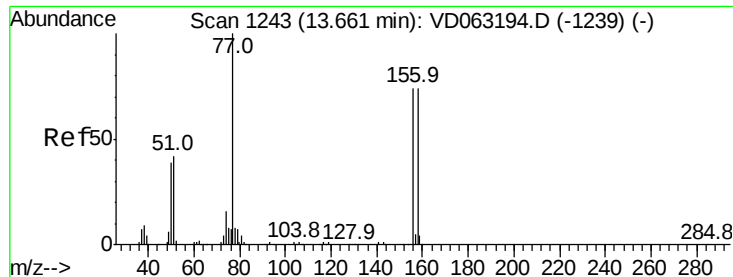
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Time--> 13.65 13.70 13.75 13.80



Time--> 13.65 13.70 13.75 13.80



#77

Bromobenzene

Concen: 52.668 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

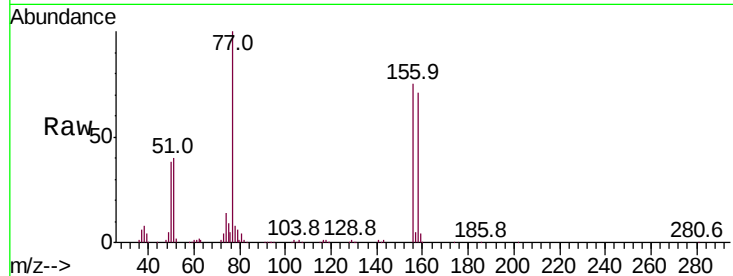
Tot Ion:156 Resp: 553132

Ion Ratio Lower Upper

156 100

77 133.0 67.6 202.8

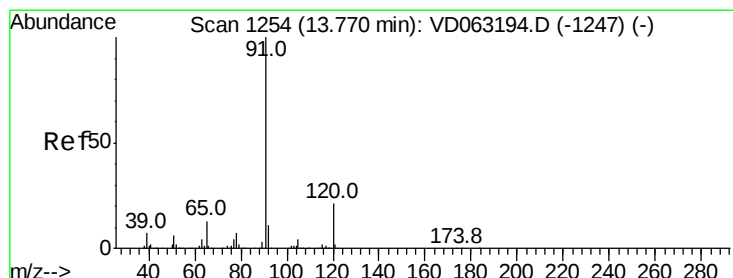
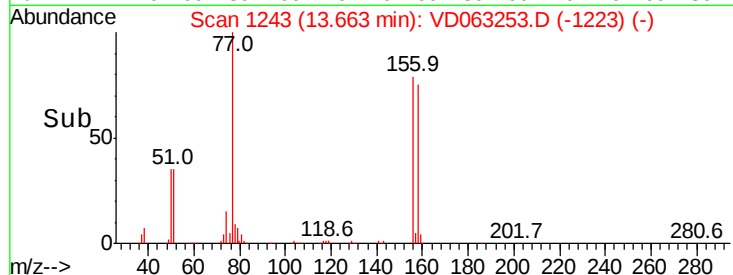
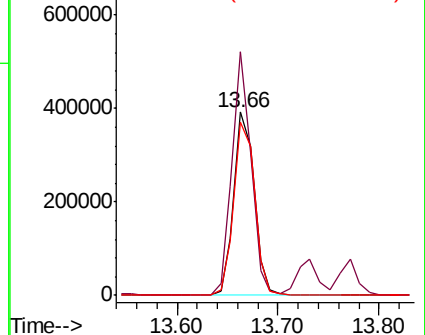
158 94.5 49.8 149.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 52.012 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD063253.D

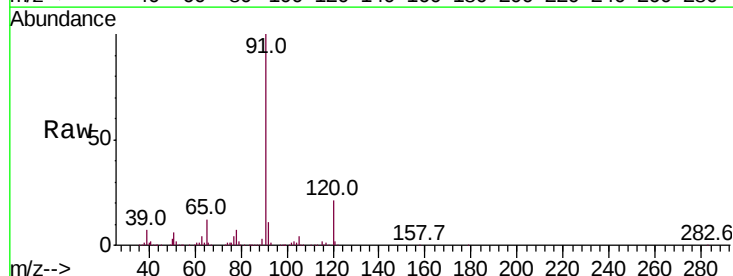
Acq: 30 Jul 2019 20:56

Tgt Ion: 91 Resp: 2281905

Ion Ratio Lower Upper

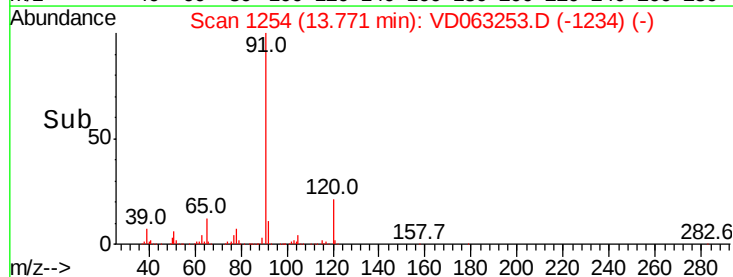
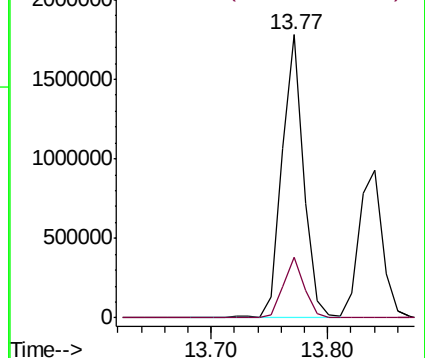
91 100

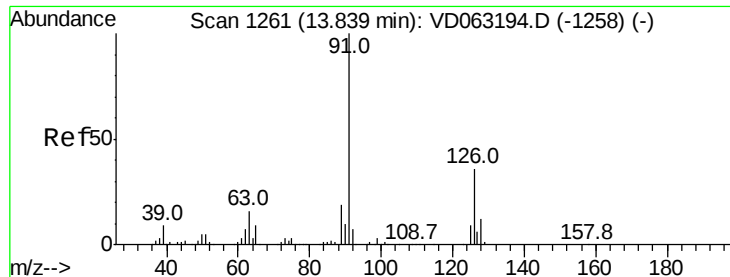
120 21.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.147 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

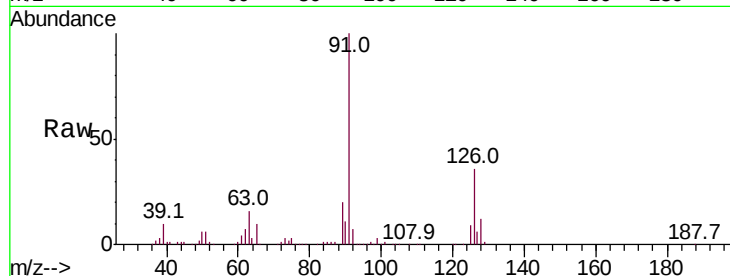
VSTDCCC050EC

Tot Ion: 91 Resp: 1300222

Ion Ratio Lower Upper

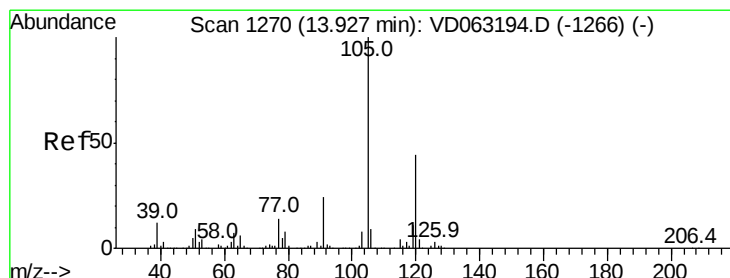
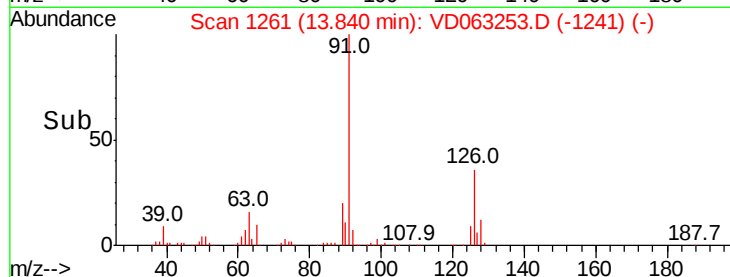
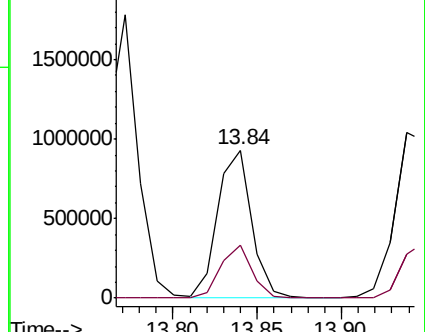
91 100

126 35.9 17.8 53.5



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: 48.551 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD063253.D

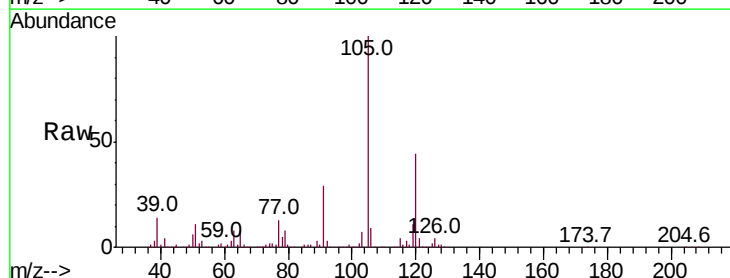
Acq: 30 Jul 2019 20:56

Tgt Ion: 105 Resp: 1543805

Ion Ratio Lower Upper

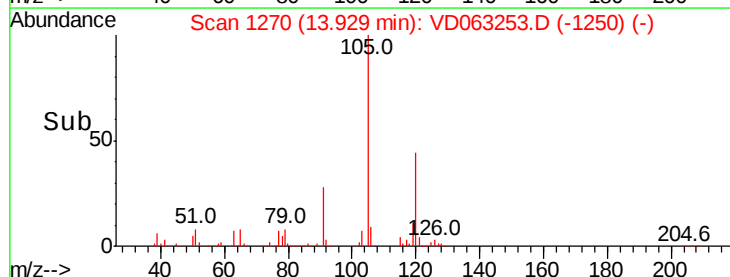
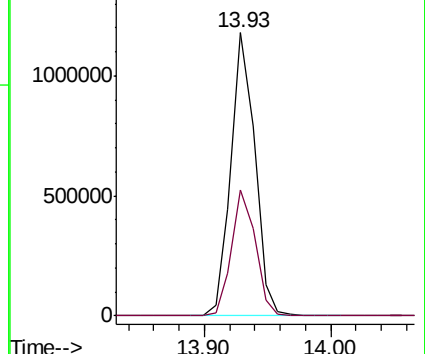
105 100

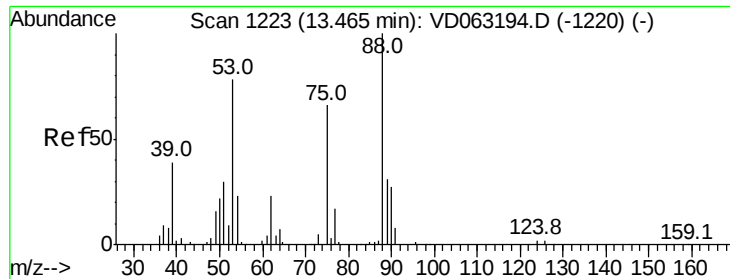
120 44.3 22.1 66.1



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: 47.466 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

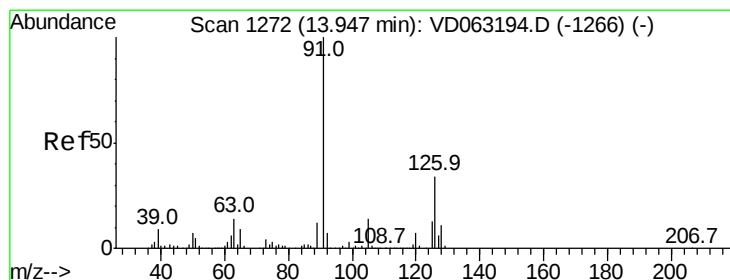
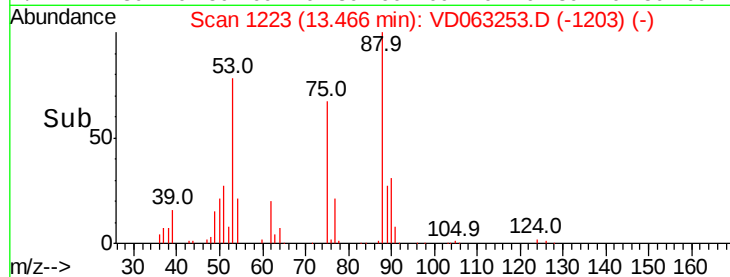
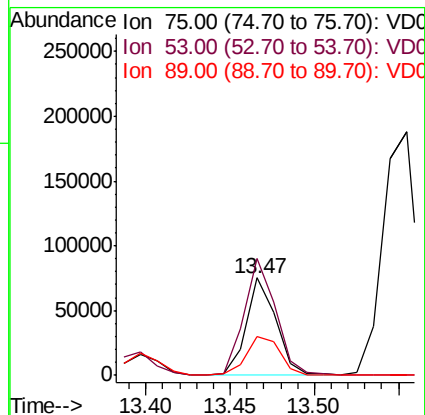
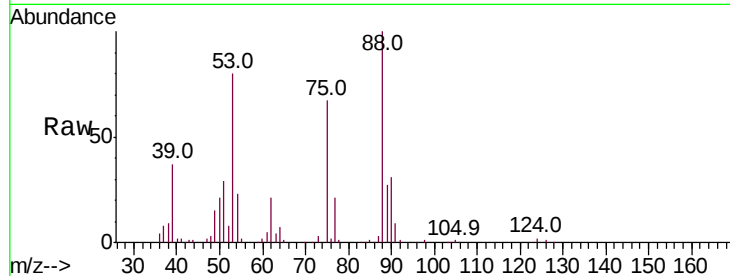
Tot Ion: 75 Resp: 92992

Ion Ratio Lower Upper

75 100

53 120.5 94.9 142.3

89 39.9 37.4 56.0



#82

4-Chlorotoluene

Concen: 53.608 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD063253.D

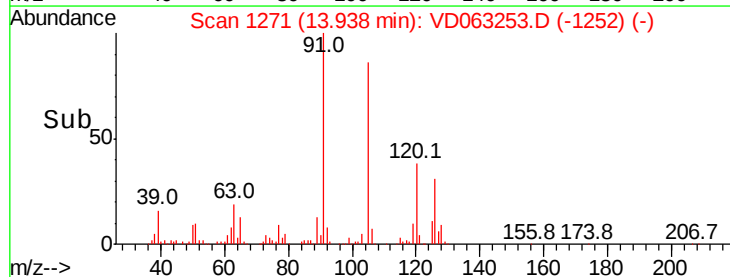
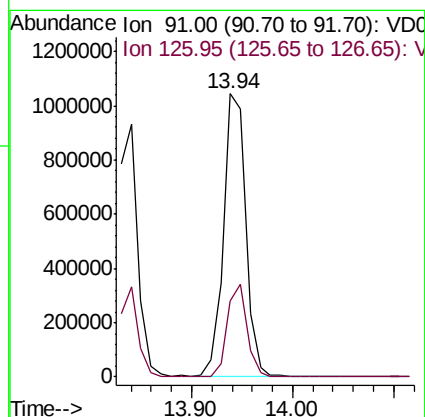
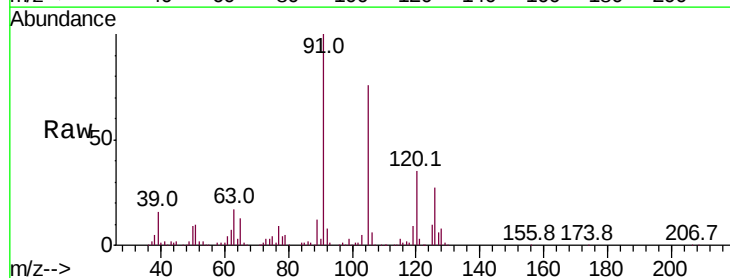
Acq: 30 Jul 2019 20:56

Tgt Ion: 91 Resp: 1603819

Ion Ratio Lower Upper

91 100

126 26.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.688 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

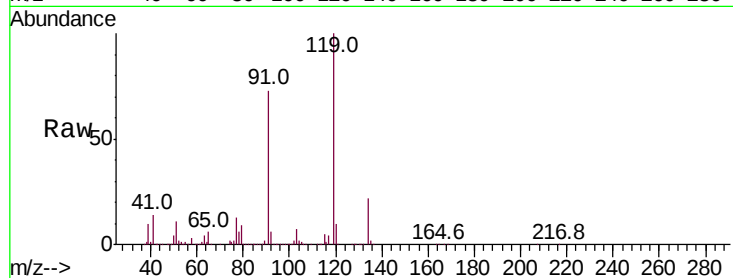
Tot Ion:119 Resp: 1876608

Ion Ratio Lower Upper

119 100

91 72.5 39.1 117.5

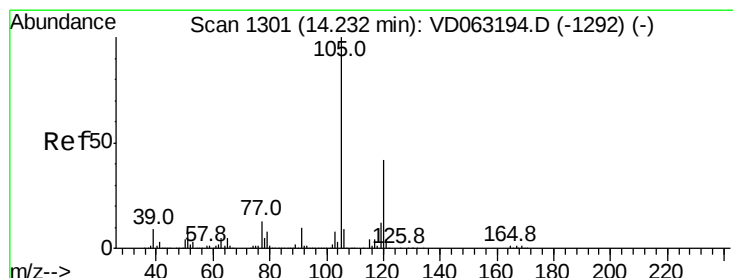
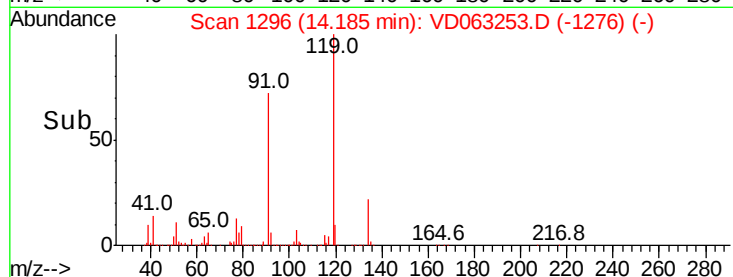
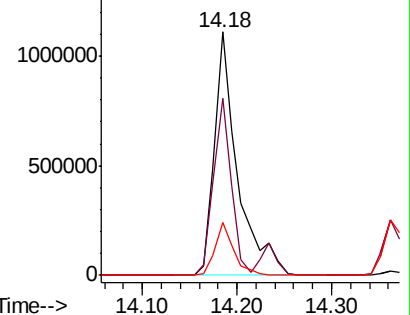
134 21.5 10.9 32.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.611 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD063253.D

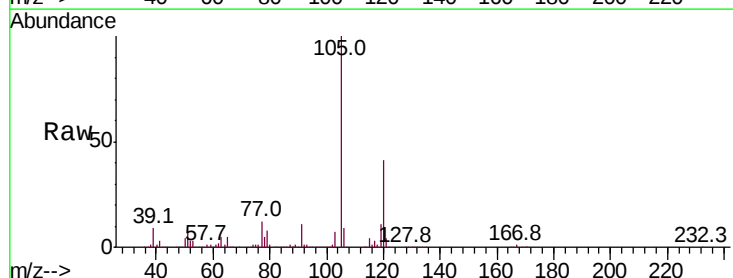
Acq: 30 Jul 2019 20:56

Tgt Ion:105 Resp: 1598778

Ion Ratio Lower Upper

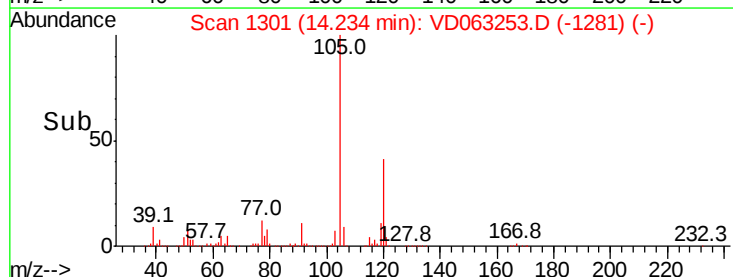
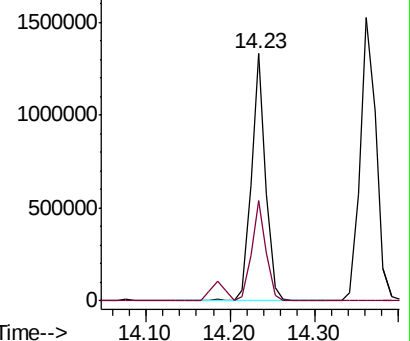
105 100

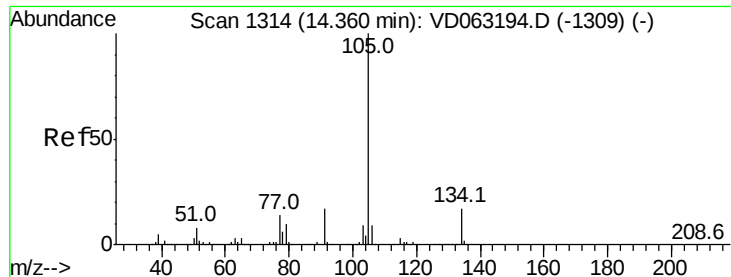
120 40.8 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 52.022 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

Instrument :

MSVOA\_D

ClientSampleId :

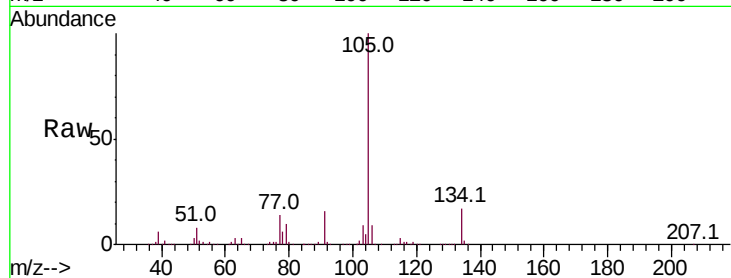
VSTDCCC050EC

Tot Ion:105 Resp: 1989953

Ion Ratio Lower Upper

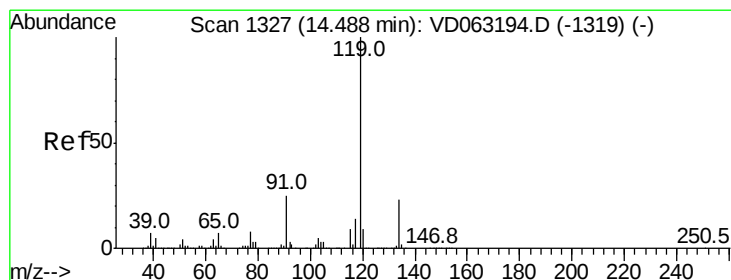
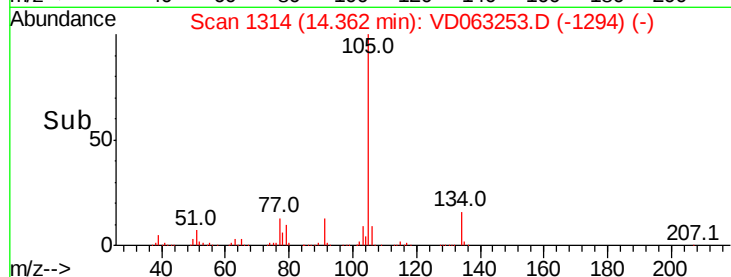
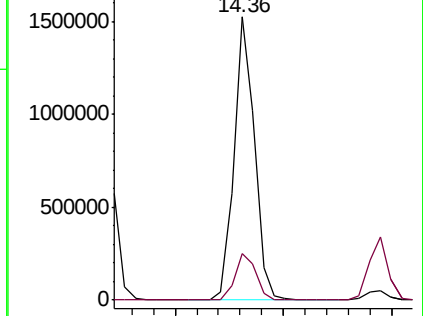
105 100

134 16.6 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 52.214 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD063253.D

Acq: 30 Jul 2019 20:56

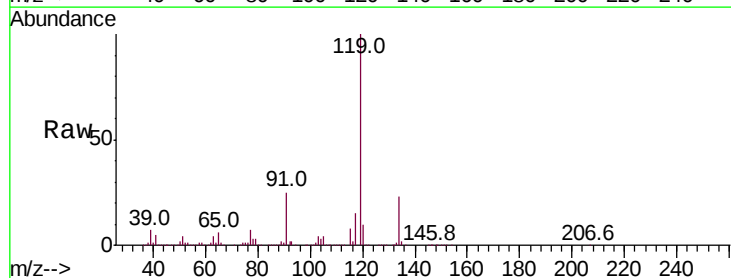
Tgt Ion:119 Resp: 1906302

Ion Ratio Lower Upper

119 100

134 22.8 11.5 34.5

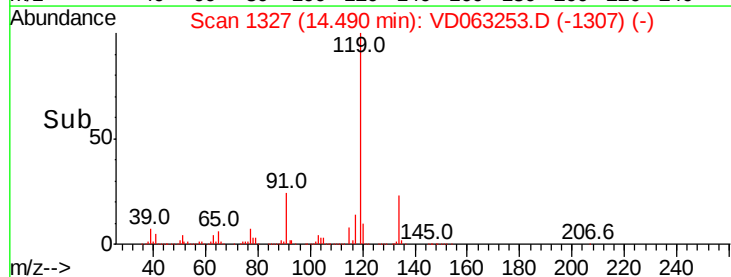
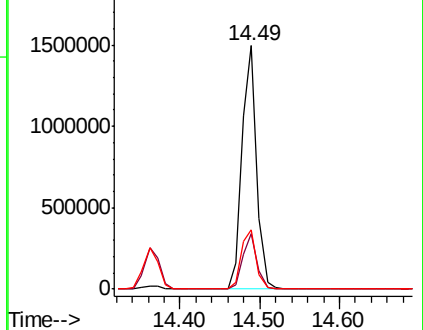
91 24.6 12.6 37.6

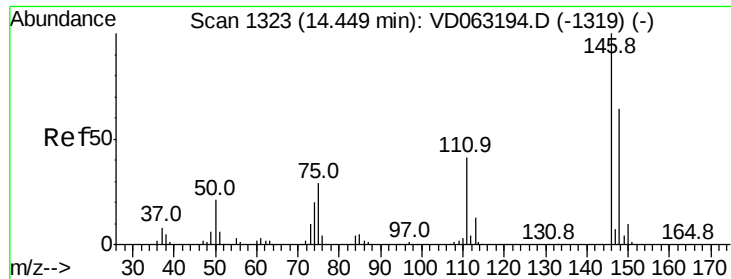


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

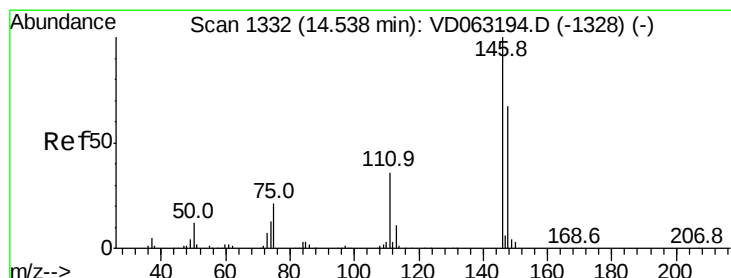
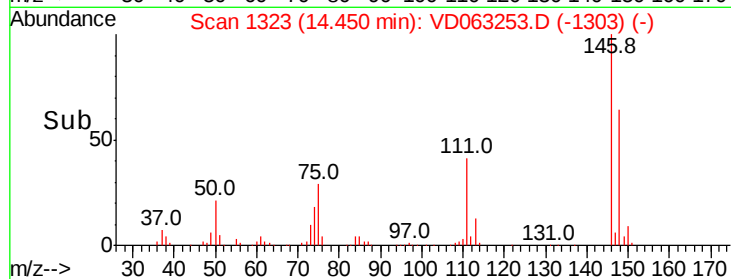
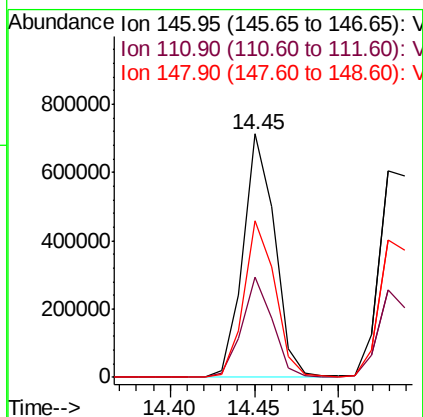
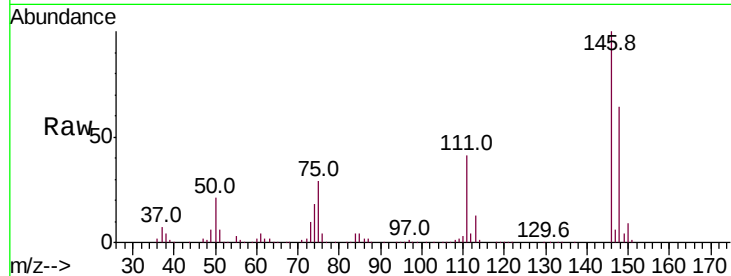




#87  
 1,3-Dichlorobenzene  
 Concen: 50.018 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

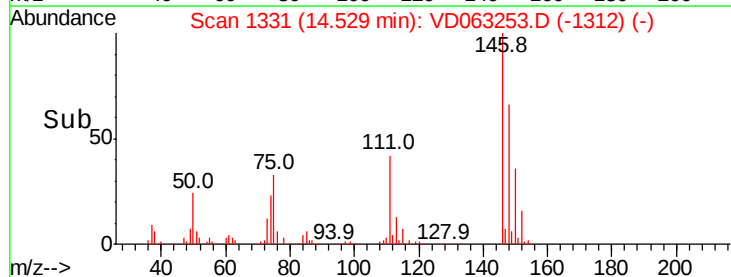
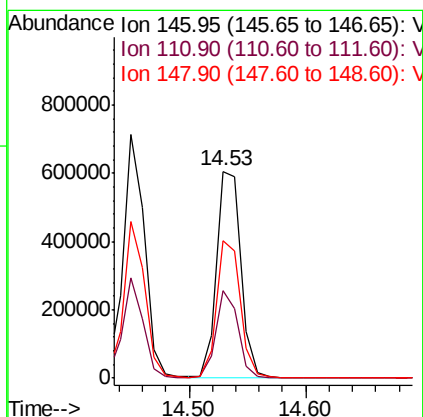
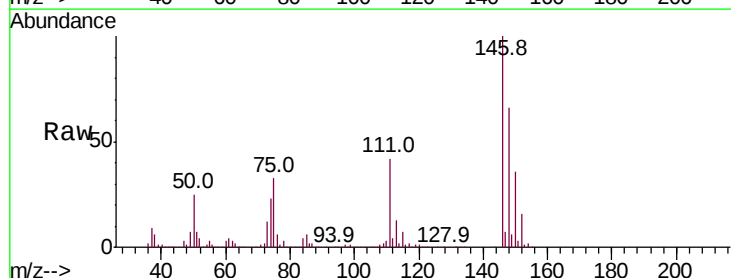
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

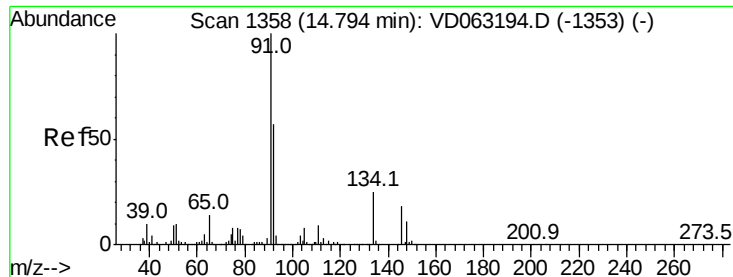
Tot Ion:146 Resp: 930273  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.4 61.3  
 148 64.4 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 46.666 ug/l  
 RT: 14.53 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion:146 Resp: 877663  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 18.1 54.3  
 148 66.3 33.4 100.1

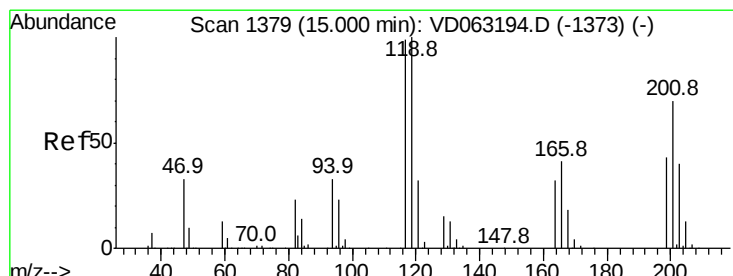
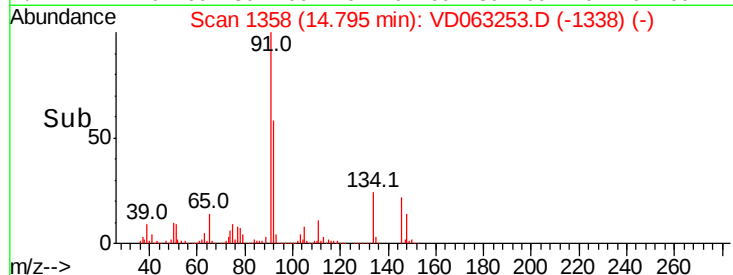
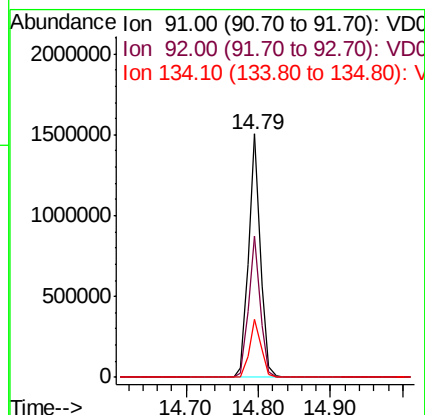
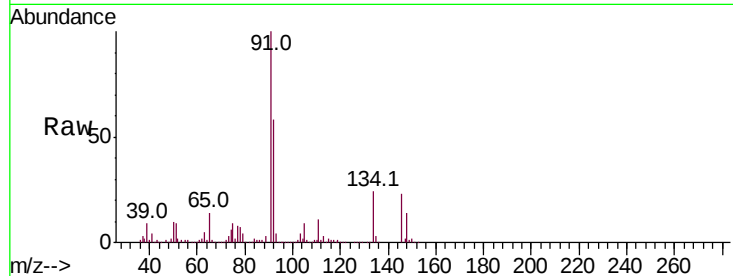




#89  
n-Butylbenzene  
Concen: 54.879 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

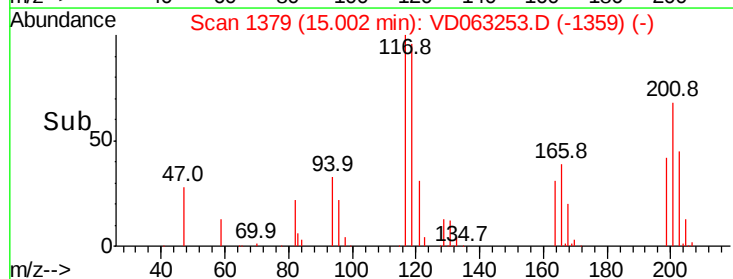
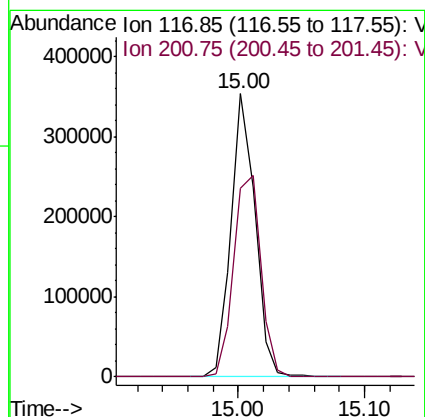
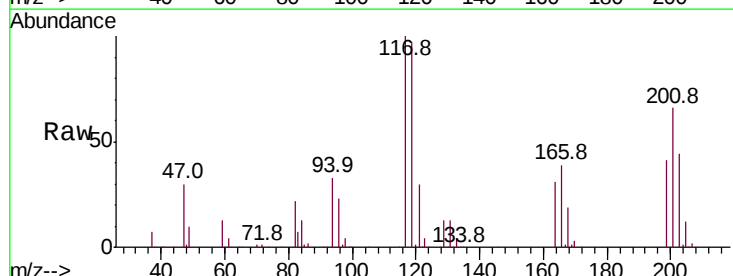
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

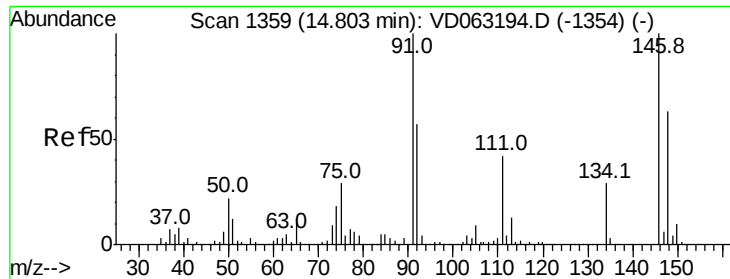
Tot Ion: 91 Resp: 1730490  
Ion Ratio Lower Upper  
91 100  
92 58.1 28.3 85.0  
134 23.8 12.3 36.8



#90  
Hexachloroethane  
Concen: 48.758 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion: 117 Resp: 463794  
Ion Ratio Lower Upper  
117 100  
201 66.5 35.2 105.6

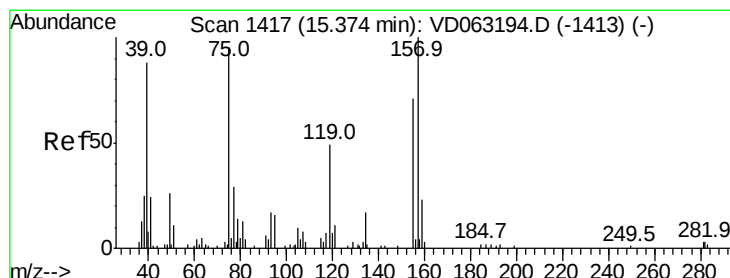
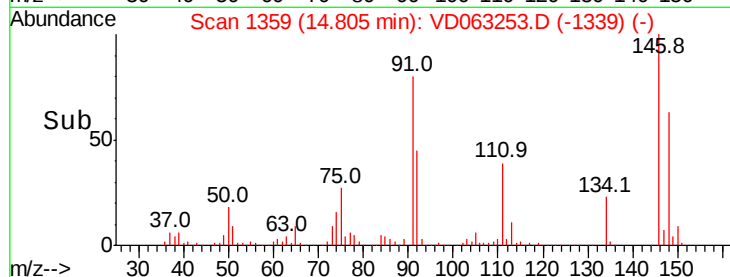
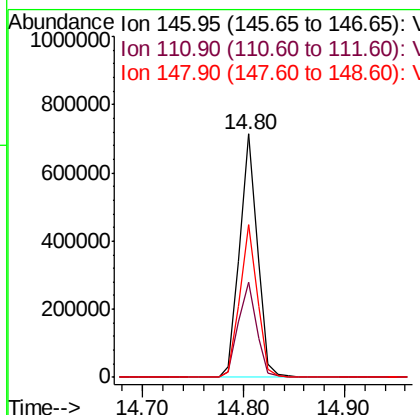
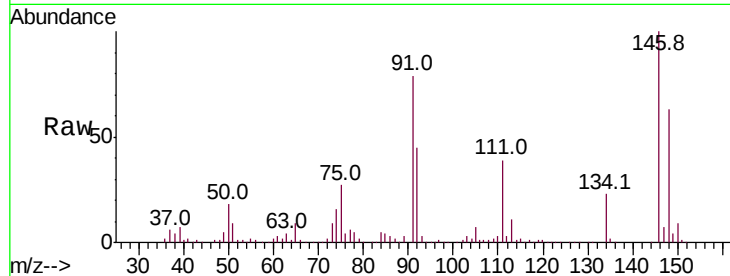




#91  
 1,2-Dichlorobenzene  
 Concen: 53.653 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

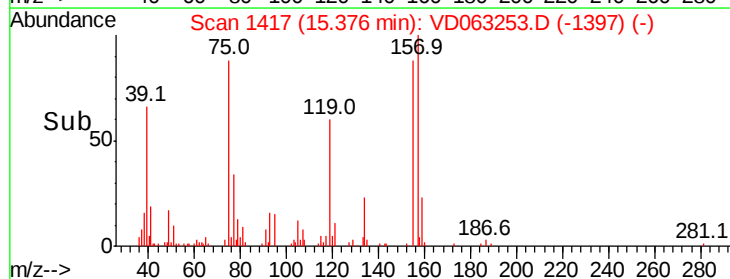
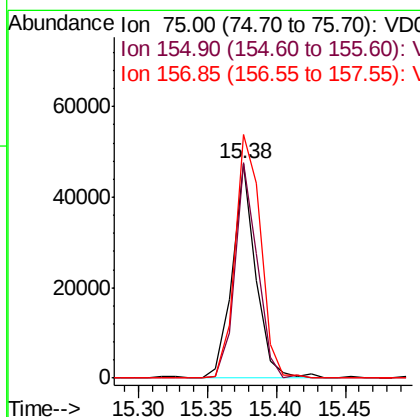
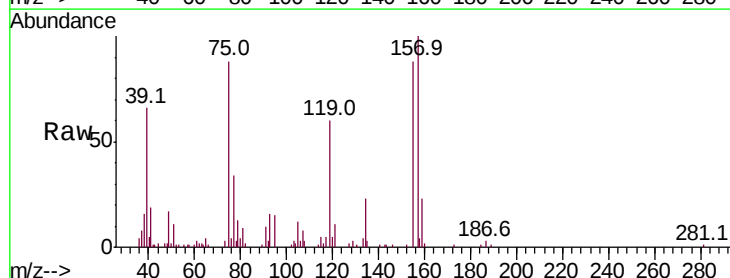
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

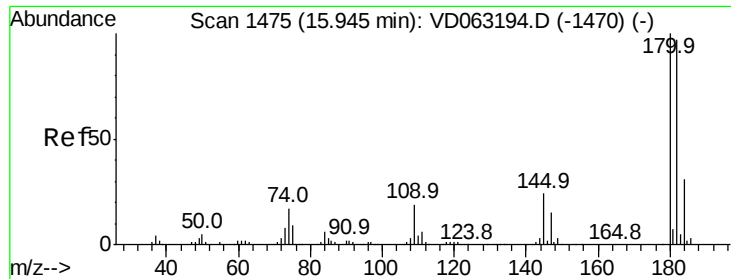
Tot Ion:146 Resp: 869432  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 21.1 63.3  
 148 62.7 31.6 94.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.766 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion: 75 Resp: 55828  
 Ion Ratio Lower Upper  
 75 100  
 155 100.4 37.0 111.0  
 157 113.6 52.4 157.2

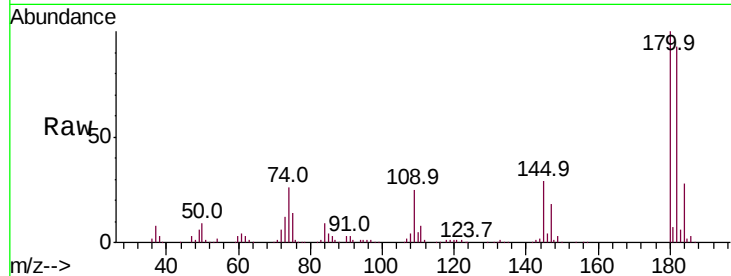




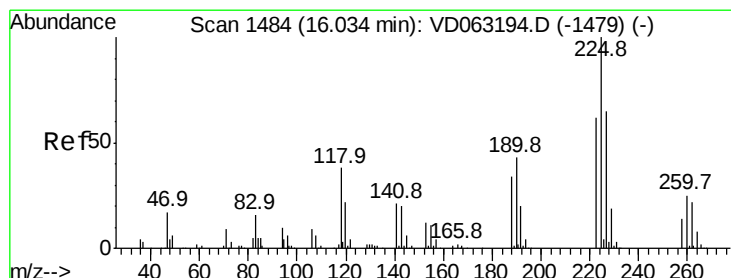
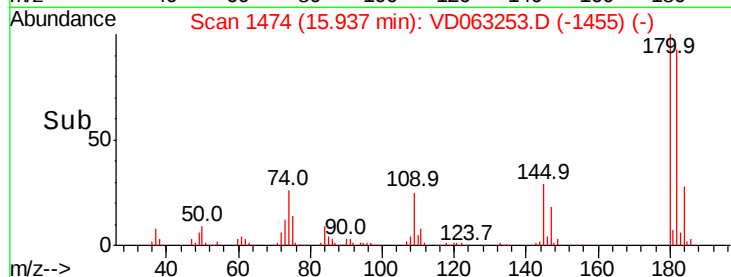
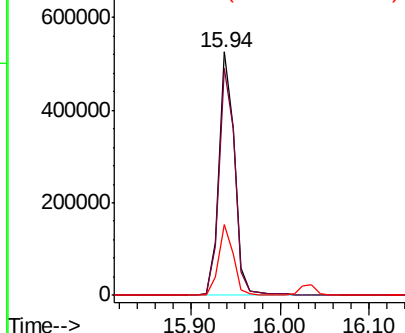
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.297 ug/l  
 RT: 15.94 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 646585  
 Ion Ratio Lower Upper  
 180 100  
 182 93.4 48.6 145.8  
 145 29.3 12.2 36.6

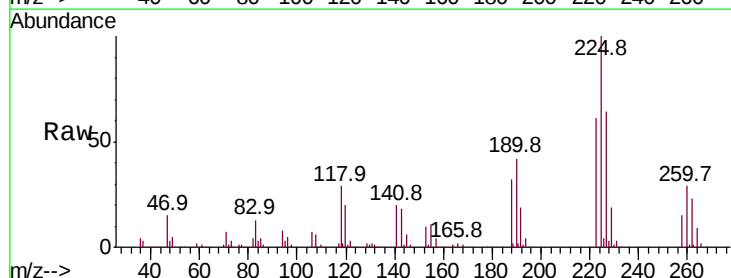


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

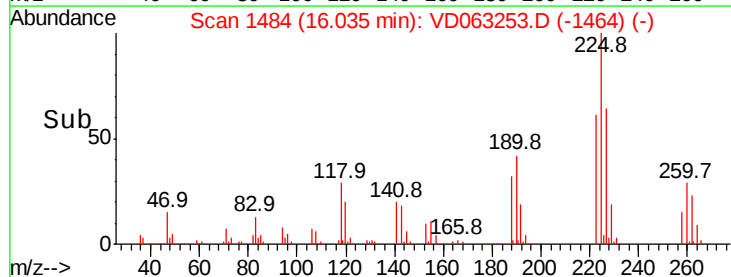
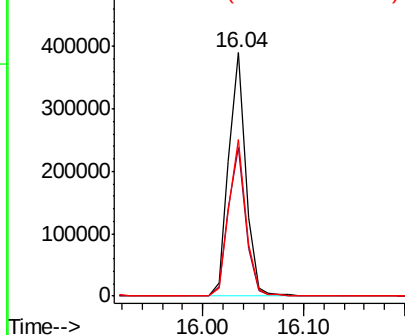


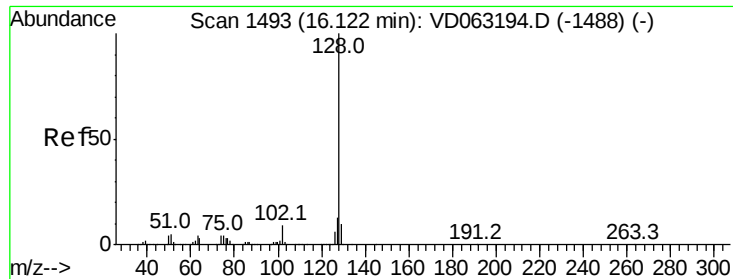
#94  
 Hexachlorobutadiene  
 Concen: 49.650 ug/l  
 RT: 16.04 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD063253.D  
 Acq: 30 Jul 2019 20:56

Tgt Ion:225 Resp: 462533  
 Ion Ratio Lower Upper  
 225 100  
 223 60.9 30.9 92.5  
 227 64.1 32.6 97.7



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

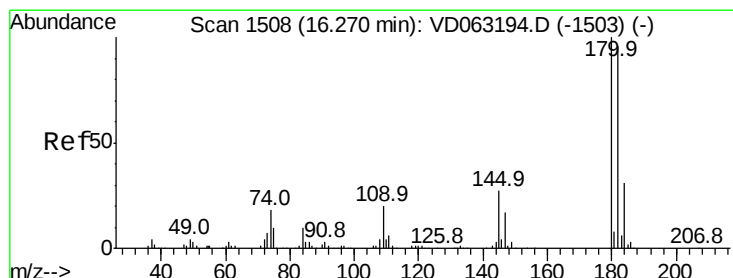
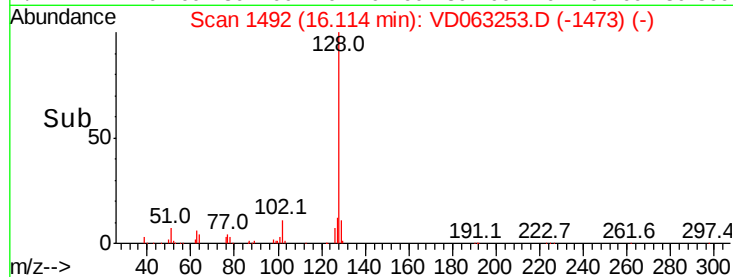
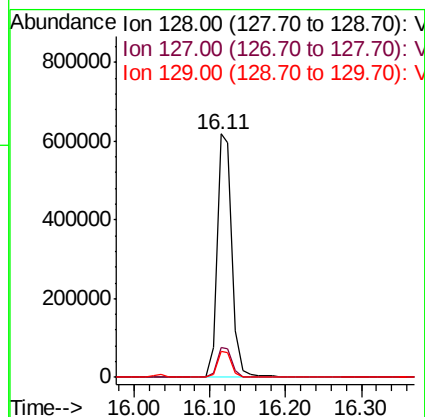
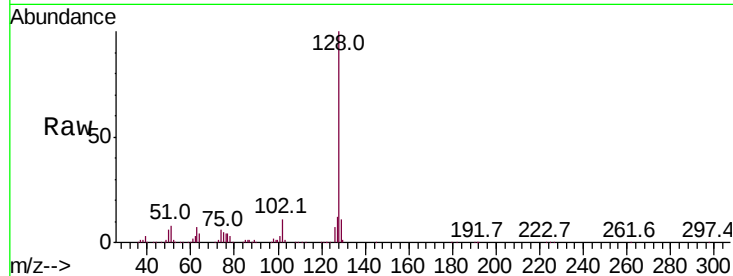




#95  
Naphthalene  
Concen: 47.516 ug/l  
RT: 16.11 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 863350  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.2 15.4  
129 10.7 7.8 11.8



#96  
1,2,3-Trichlorobenzene  
Concen: 47.270 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: VD063253.D  
Acq: 30 Jul 2019 20:56

Tgt Ion:180 Resp: 480049  
Ion Ratio Lower Upper  
180 100  
182 98.0 48.3 144.9  
145 26.3 13.6 40.7

