

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\  
 Data File : VD064613.D  
 Acq On : 26 Dec 2019 22:44  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 27 05:00:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 13:19:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 397976   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 589677   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 531619   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 263094   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 184707   | 52.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.26% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 186446   | 51.54 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.08% |          |
| 50) Toluene-d8              | 10.34 | 98   | 708373   | 51.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.26% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 225214   | 51.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.80% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 148879   | 48.136  | ug/l  | 99     |
| 3) Chloromethane              | 2.21 | 50   | 220370   | 50.946  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.35 | 62   | 260245   | 49.345  | ug/l  | 96     |
| 5) Bromomethane               | 2.77 | 94   | 191891   | 50.040  | ug/l  | 98     |
| 6) Chloroethane               | 2.92 | 64   | 183019   | 51.790  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 445005   | 50.112  | ug/l  | 96     |
| 8) Diethyl Ether              | 3.71 | 74   | 93533    | 53.041  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 178968   | 48.663  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.29 | 142  | 218627   | 55.343  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 5.26 | 59   | 51294    | 255.042 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 175703   | 50.182  | ug/l  | 98     |
| 13) Acrolein                  | 3.93 | 56   | 76461    | 272.792 | ug/l  | 99     |
| 14) Allyl chloride            | 4.71 | 41   | 286248   | 52.436  | ug/l  | 98     |
| 15) Acrylonitrile             | 5.43 | 53   | 191549   | 260.779 | ug/l  | 99     |
| 16) Acetone                   | 4.17 | 43   | 153620   | 204.107 | ug/l  | 96     |
| 17) Carbon Disulfide          | 4.40 | 76   | 563562   | 49.778  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.73 | 43   | 99459    | 50.341  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 416545   | 53.561  | ug/l  | 96     |
| 20) Methylene Chloride        | 4.96 | 84   | 201486   | 56.804  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 206015   | 51.665  | ug/l  | 99     |
| 22) Diisopropyl ether         | 6.37 | 45   | 581596   | 53.414  | ug/l  | 99     |
| 23) Vinyl Acetate             | 6.31 | 43   | 1697060  | 274.756 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 347663   | 53.186  | ug/l  | 99     |
| 25) 2-Butanone                | 7.22 | 43   | 238728   | 247.483 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 290799   | 47.848  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 226751   | 52.691  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.55 | 49   | 141486   | 55.681  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 159109   | 265.236 | ug/l  | 98     |
| 30) Chloroform                | 7.71 | 83   | 367214   | 53.544  | ug/l  | 98     |
| 31) Cyclohexane               | 7.99 | 56   | 299126   | 45.715  | ug/l  | 94     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 327074   | 50.775  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 280933   | 49.498  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 113222   | 50.780  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 297676   | 49.187  | ug/l  | 99     |

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 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 27 05:00:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 13:19:06 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 332594   | 48.383   | ug/l  | 96       |
| 40) Benzene                    | 8.35  | 78   | 804385   | 51.917   | ug/l  | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 65199    | 50.399   | ug/l  | 91       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 232879   | 52.013   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 228301   | 51.442   | ug/l  | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 232438   | 51.067   | ug/l  | 93       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 192286   | 51.978   | ug/l  | 98       |
| 46) Dibromomethane             | 9.48  | 93   | 108205   | 52.463   | ug/l  | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 289066   | 52.670   | ug/l  | 96       |
| 48) Methyl methacrylate        | 9.46  | 41   | 104709   | 50.108   | ug/l  | 90       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 24713    | 1039.137 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 564144   | 257.177  | ug/l  | 99       |
| 52) Toluene                    | 10.40 | 92   | 524240   | 51.572   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 268827   | 52.538   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 312159   | 51.738   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 146182   | 52.591   | ug/l  | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 180645   | 52.039   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 247511   | 51.717   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 313088   | 236.729  | ug/l  | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 379876   | 255.149  | ug/l  | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 196480   | 51.116   | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 140646   | 51.301   | ug/l  | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 200464   | 49.152   | ug/l  | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 556512   | 50.438   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 215402   | 51.785   | ug/l  | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 1000235  | 49.945   | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 777341   | 100.563  | ug/l  | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 357537   | 51.208   | ug/l  | 97       |
| 70) Styrene                    | 12.20 | 104  | 626018   | 51.081   | ug/l  | 99       |
| 71) Bromoform                  | 12.36 | 173  | 120066   | 50.616   | ug/l  | # 99     |
| 73) Isopropylbenzene           | 12.48 | 105  | 946167   | 50.325   | ug/l  | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 209231   | 52.060   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 145969   | 49.422   | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 195582   | 94.141   | ug/l  | # 100    |
| 77) Bromobenzene               | 12.77 | 156  | 237619   | 51.436   | ug/l  | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 1099237  | 50.116   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 606165   | 50.307   | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 779156   | 50.449   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 49364    | 49.695   | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 648211   | 50.552   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 679711   | 50.689   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 783554   | 50.941   | ug/l  | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 908963   | 49.444   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 877087   | 49.896   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 445885   | 50.630   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 439146   | 50.759   | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 787110   | 49.723   | ug/l  | 100      |
| 90) Hexachloroethane           | 14.12 | 117  | 164543   | 49.003   | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 381865   | 50.850   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 22959    | 47.952   | ug/l  | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Dec 27 05:00:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 24 13:19:06 2019  
Response via : Initial Calibration

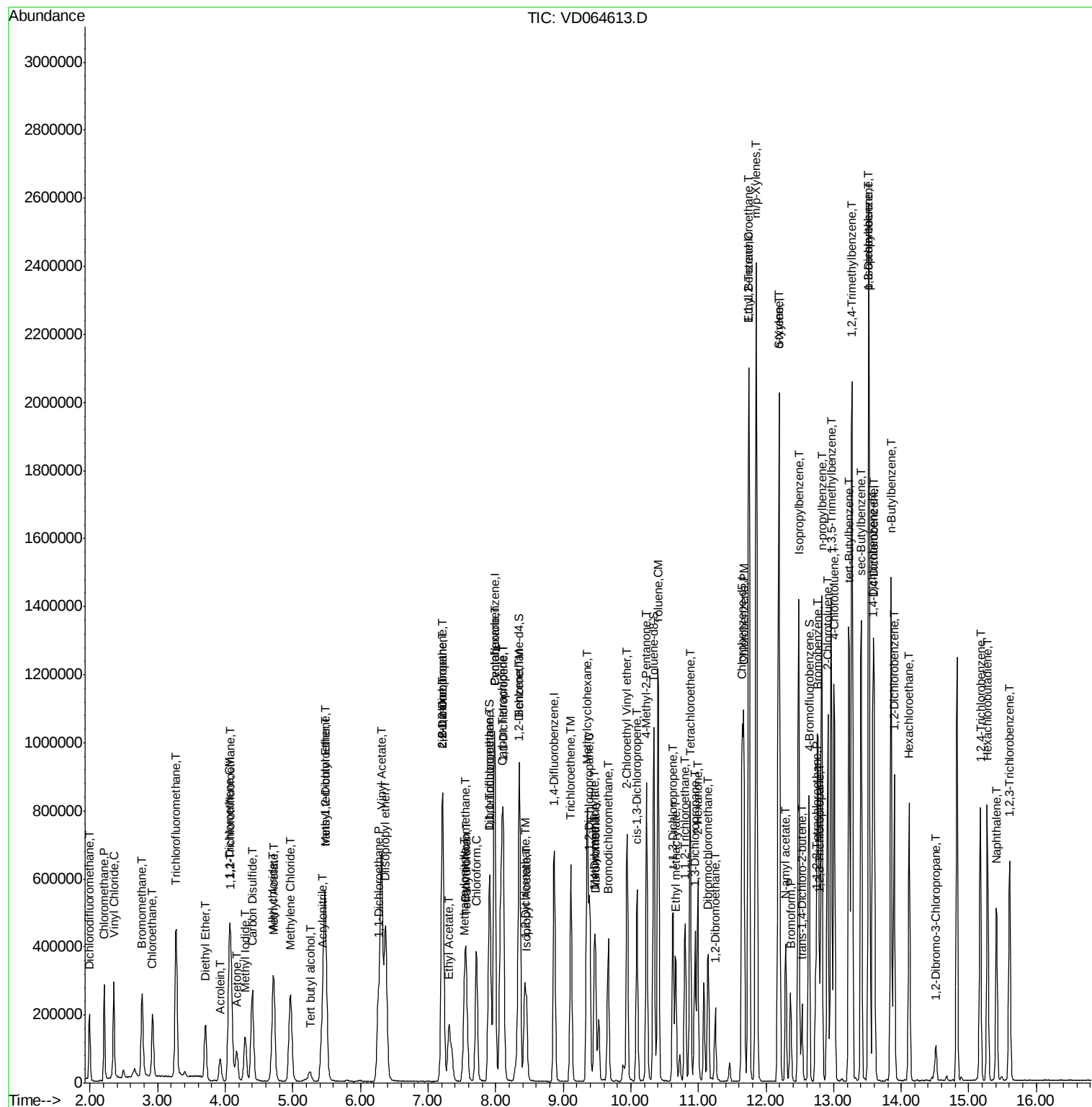
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 281380   | 50.888 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 165360   | 47.524 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 444021   | 50.759 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 237030   | 50.213 | ug/l  | 99       |

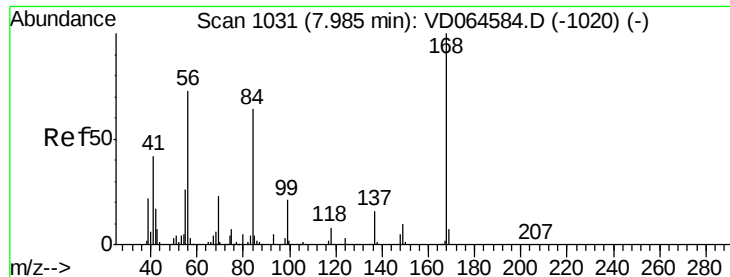
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

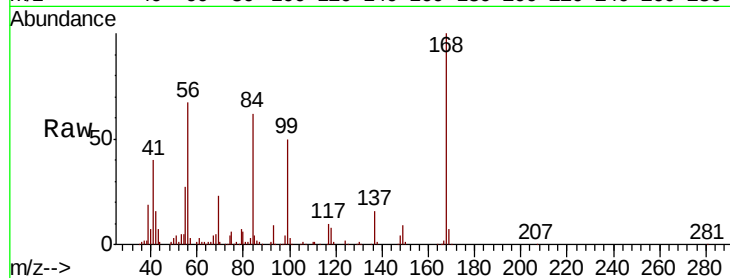
ClientSampleId :

Tot Ion:168 Resp: 397976

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

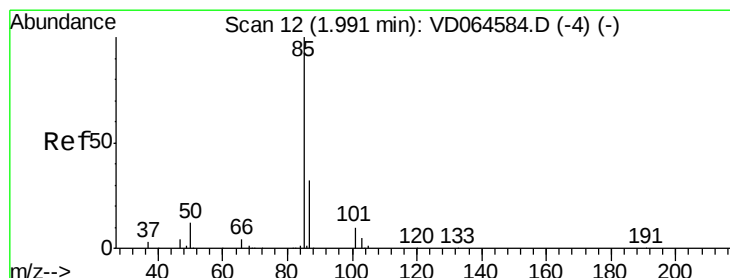
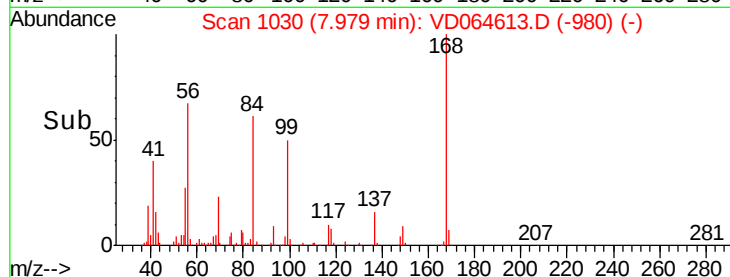
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.136 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064613.D

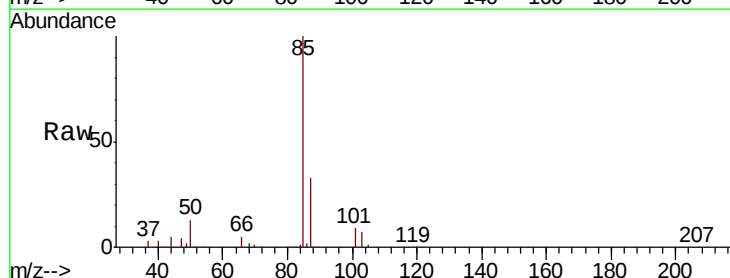
Acq: 26 Dec 2019 22:44

Tgt Ion: 85 Resp: 148879

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

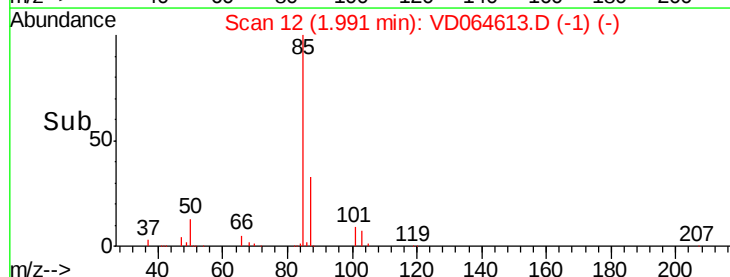
40000

20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.946 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

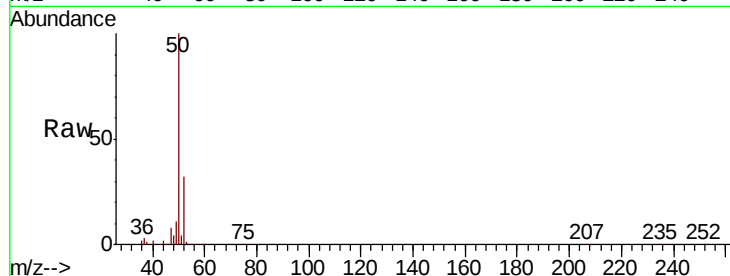
Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 50 Resp: 220370

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 50  | 100   |       |       |
| 52  | 32.4  | 26.5  | 39.7  |



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

150000

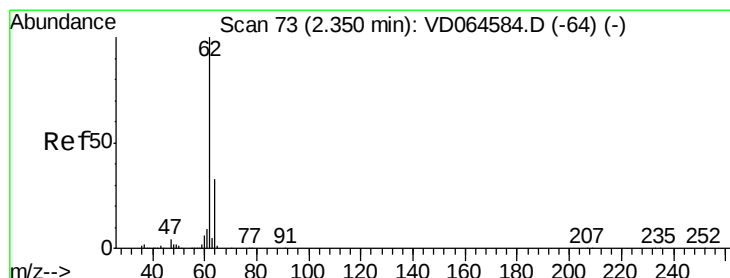
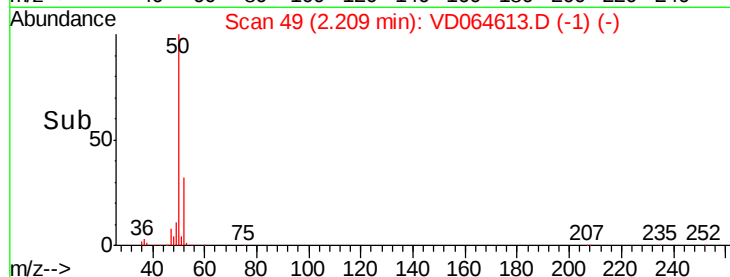
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50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 49.345 ug/l

RT: 2.35 min Scan# 73

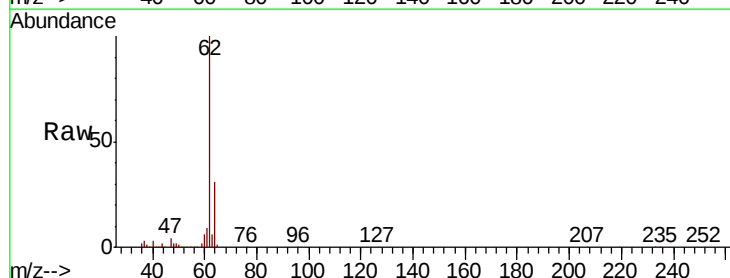
Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Tgt Ion: 62 Resp: 260245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 64  | 31.2  | 26.6  | 40.0  |



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

150000

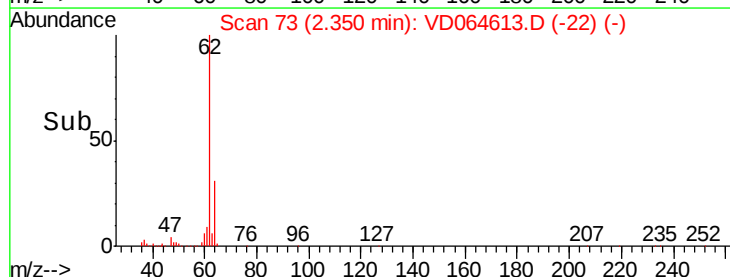
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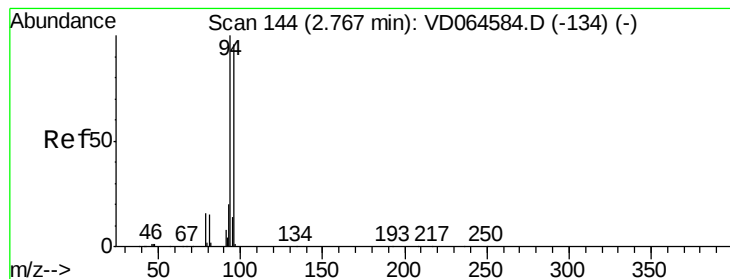
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0

Time-->

2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 50.040 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

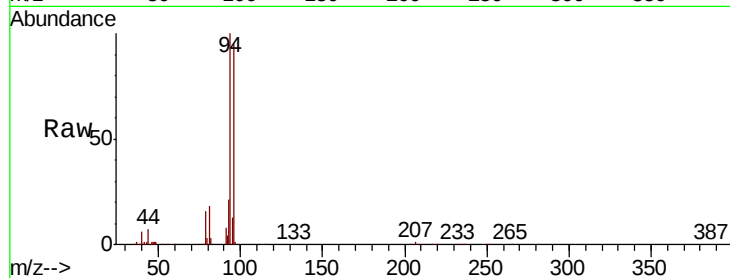
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 94 Resp: 191891

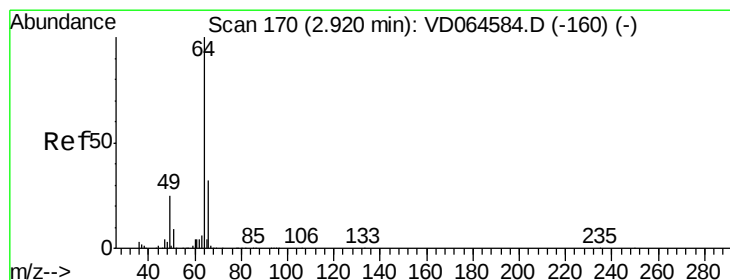
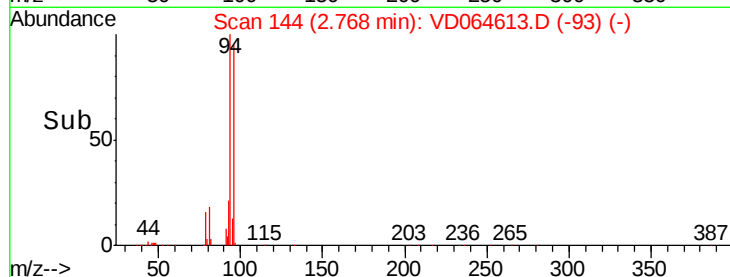
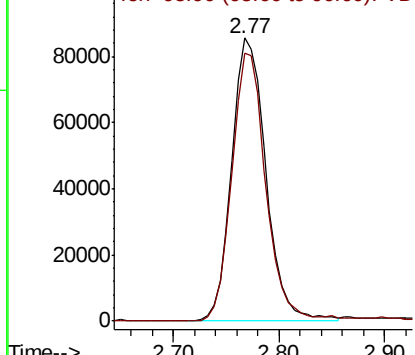
Ion Ratio Lower Upper

94 100

96 94.7 77.2 115.8



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



#6

Chloroethane

Concen: 51.790 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064613.D

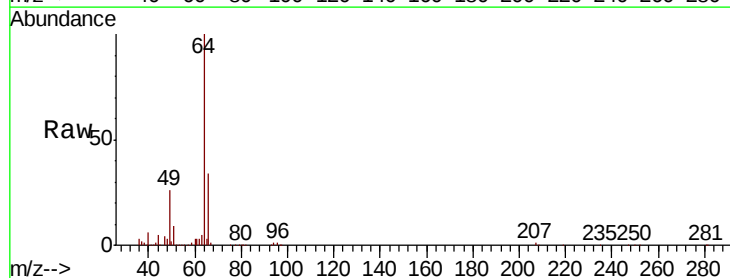
Acq: 26 Dec 2019 22:44

Tgt Ion: 64 Resp: 183019

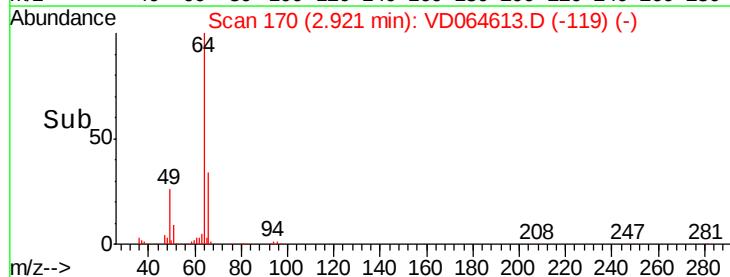
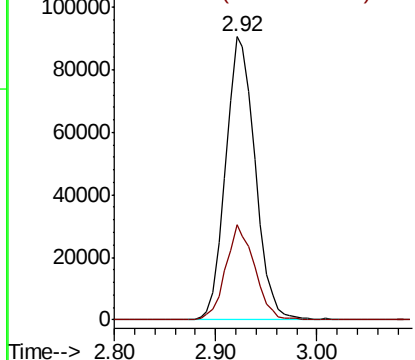
Ion Ratio Lower Upper

64 100

66 33.8 25.9 38.9



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



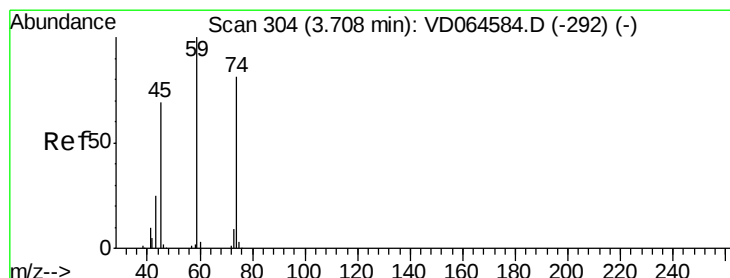
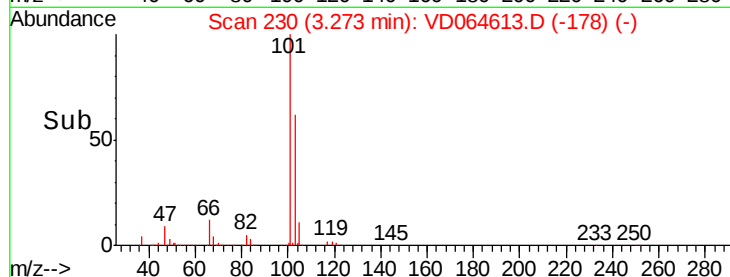
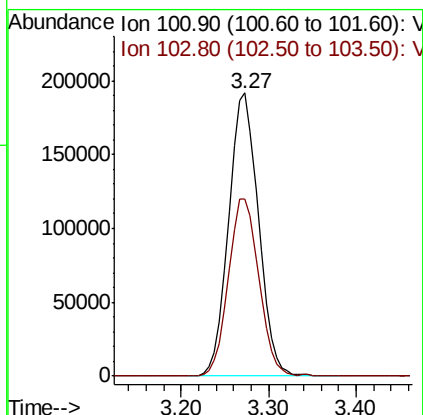
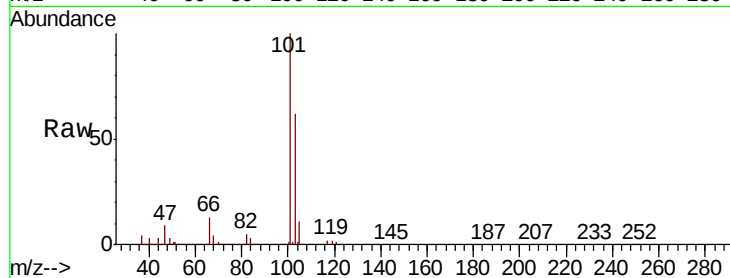


#7

Trichlorofluoromethane  
Concen: 50.112 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampled :

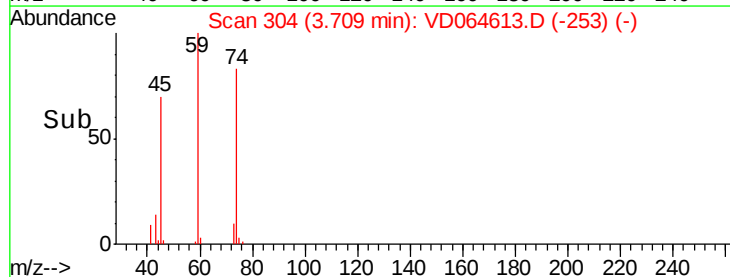
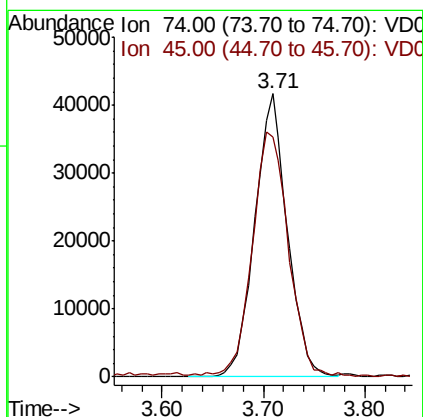
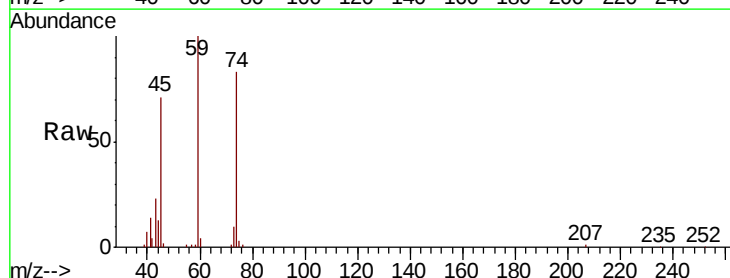
Tot Ion:101 Resp: 445005  
Ion Ratio Lower Upper  
101 100  
103 62.5 52.2 78.4



#8

Diethyl Ether  
Concen: 53.041 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 74 Resp: 93533  
Ion Ratio Lower Upper  
74 100  
45 96.2 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.663 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

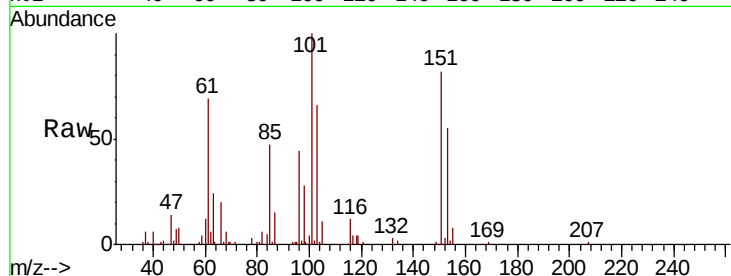
Tot Ion:101 Resp: 178968

Ion Ratio Lower Upper

101 100

85 44.1 35.2 52.8

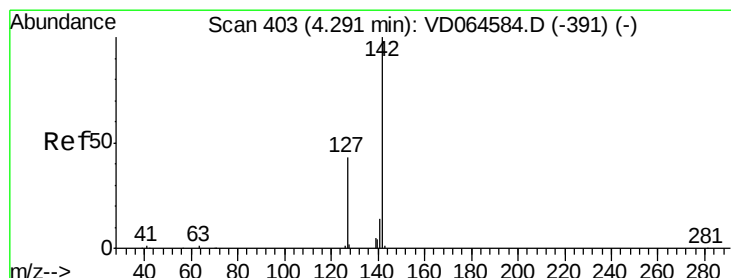
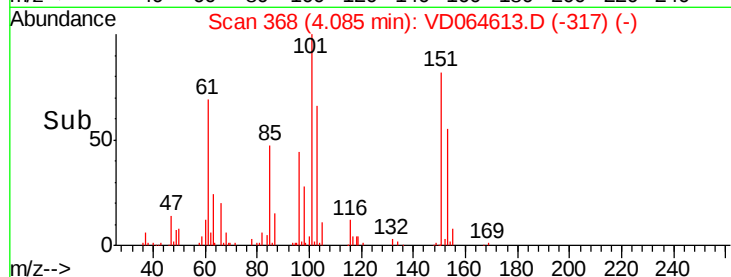
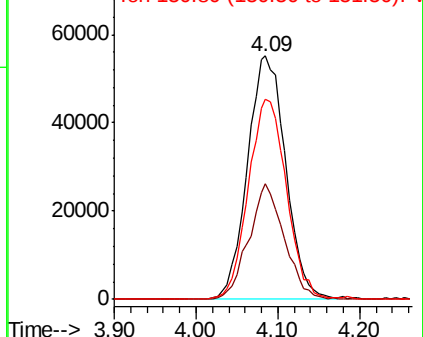
151 82.1 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.343 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

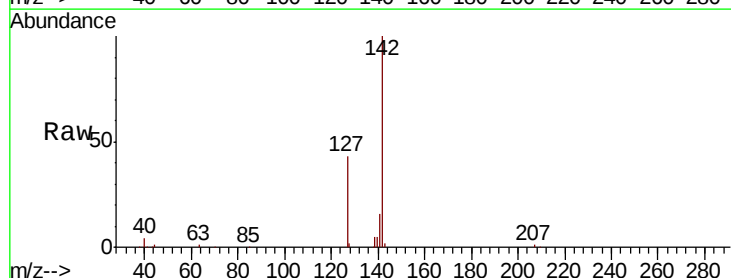
Tgt Ion:142 Resp: 218627

Ion Ratio Lower Upper

142 100

127 45.5 36.2 54.4

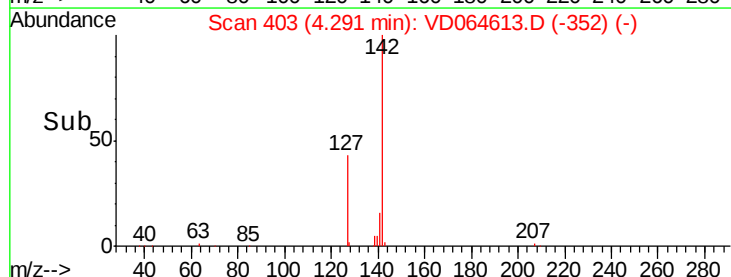
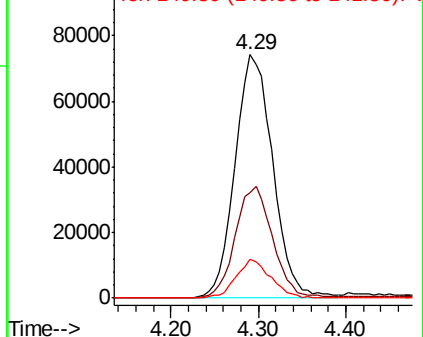
141 14.6 11.8 17.8

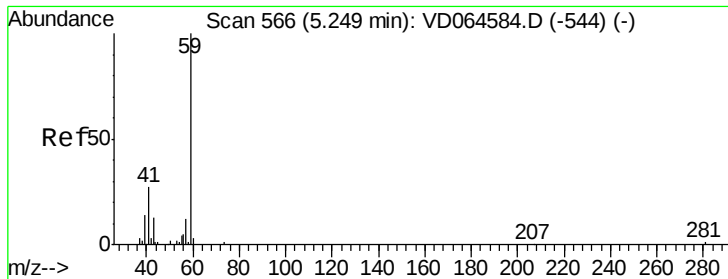


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



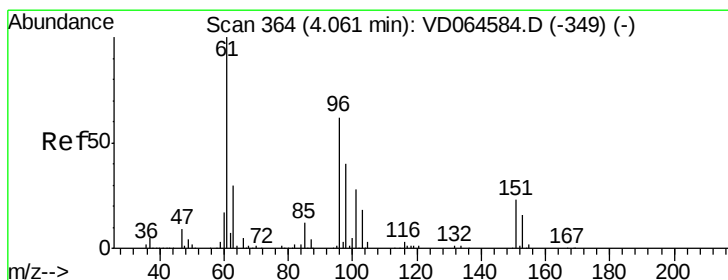
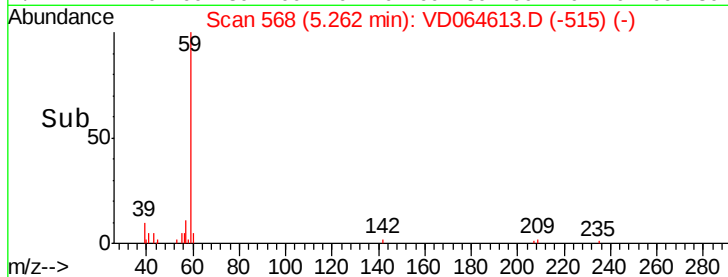
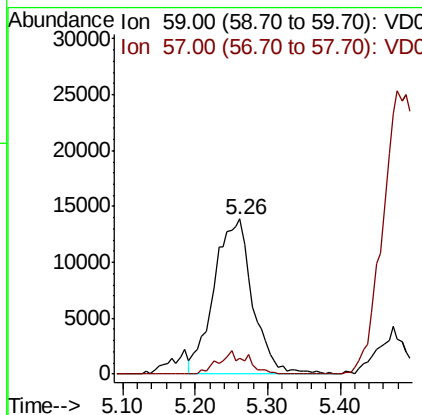
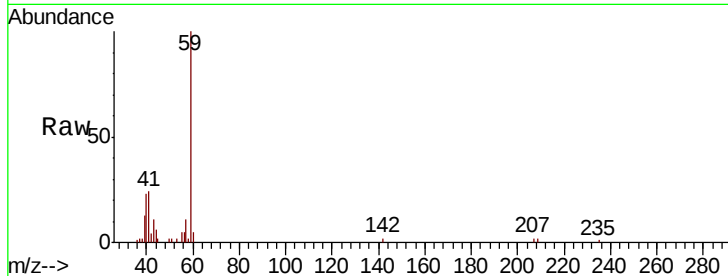


#11

Tert butyl alcohol  
 Concen: 255.042 ug/l  
 RT: 5.26 min Scan# 568  
 Delta R.T. 0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampled :

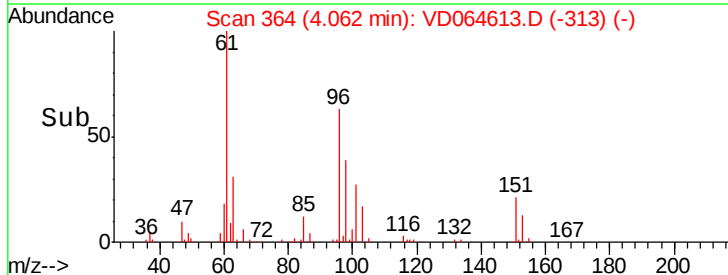
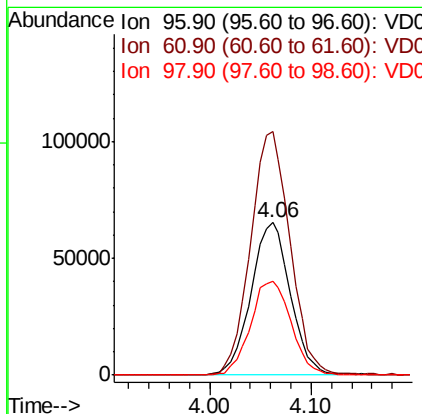
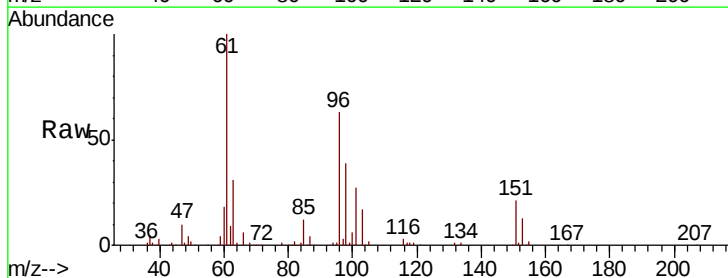
Tot Ion: 59 Resp: 51294  
 Ion Ratio Lower Upper  
 59 100  
 57 11.2 9.3 13.9

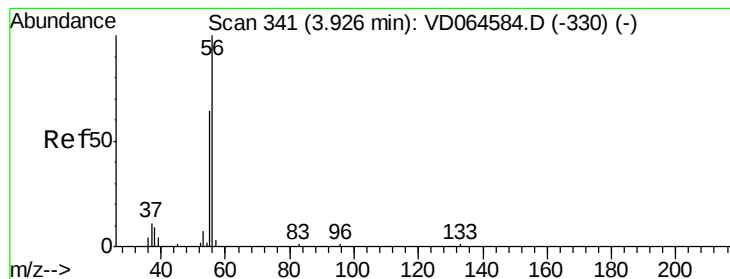


#12

1,1-Dichloroethene  
 Concen: 50.182 ug/l  
 RT: 4.06 min Scan# 364  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 96 Resp: 175703  
 Ion Ratio Lower Upper  
 96 100  
 61 159.6 129.4 194.0  
 98 61.9 51.4 77.0





#13

Acrolein

Concen: 272.792 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

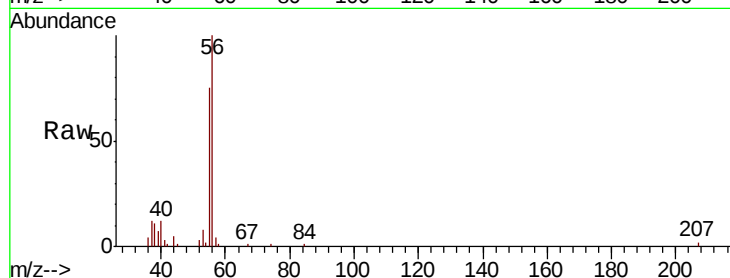
ClientSampleId :

Tot Ion: 56 Resp: 76461

Ion Ratio Lower Upper

56 100

55 69.8 56.7 85.1

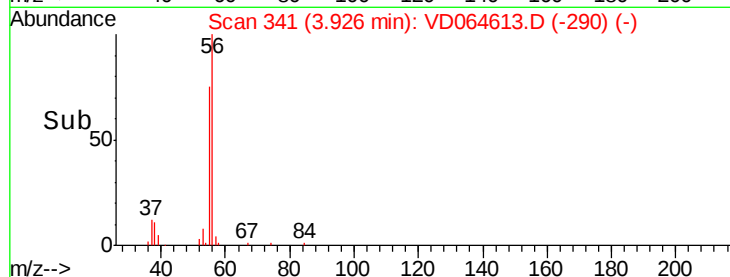


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

Time-->



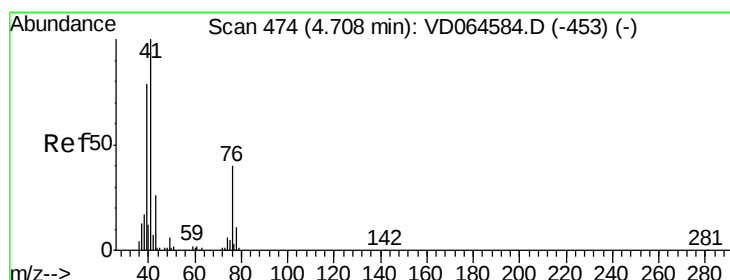
Abundance

Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

Time-->



#14

Allyl chloride

Concen: 52.436 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

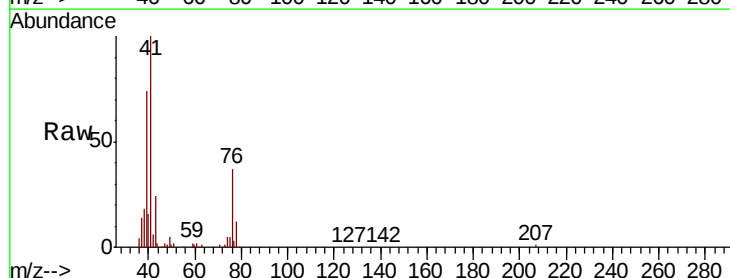
Tgt Ion: 41 Resp: 286248

Ion Ratio Lower Upper

41 100

39 76.0 62.3 93.5

76 38.9 29.7 44.5



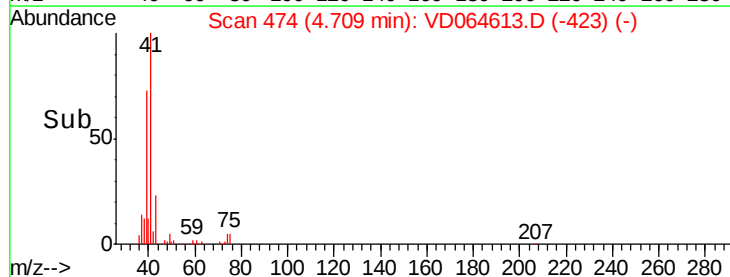
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

Time-->



Abundance

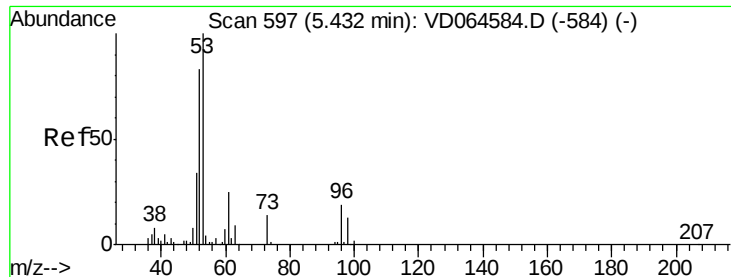
Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

Time-->



#15

Acrylonitrile

Concen: 260.779 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

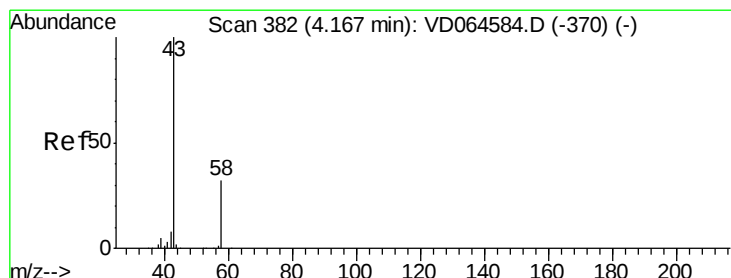
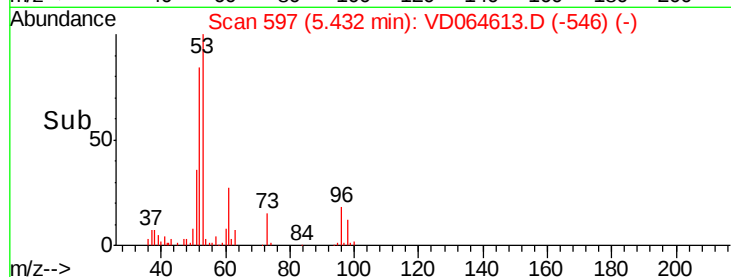
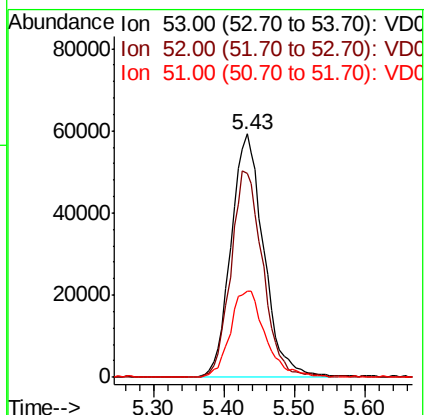
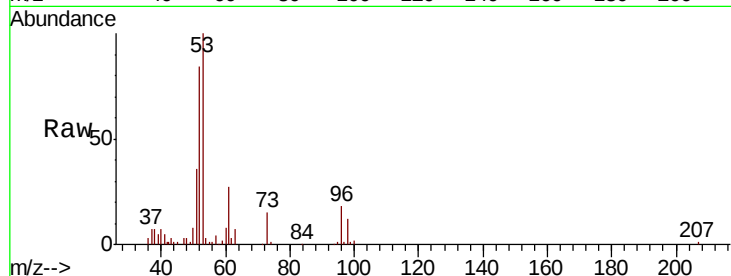
Tot Ion: 53 Resp: 191549

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 38.1 30.1 45.1



#16

Acetone

Concen: 204.107 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064613.D

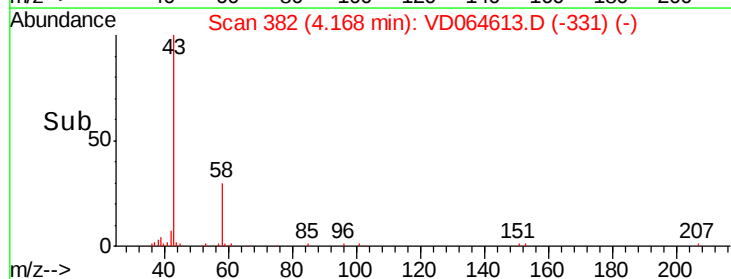
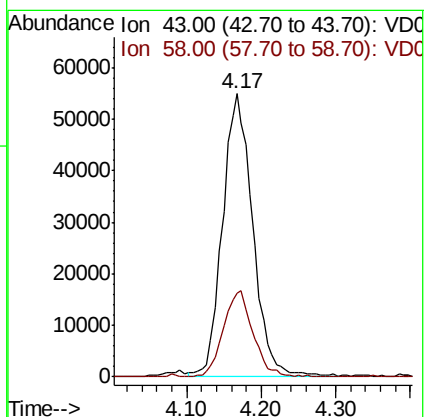
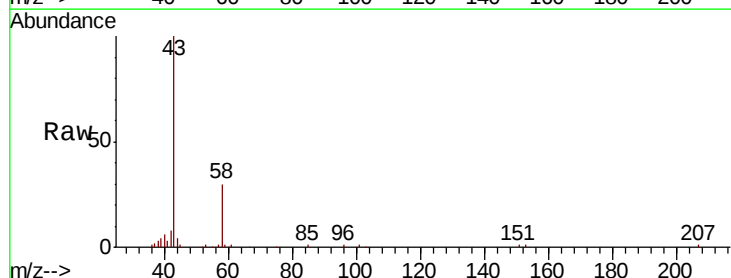
Acq: 26 Dec 2019 22:44

Tgt Ion: 43 Resp: 153620

Ion Ratio Lower Upper

43 100

58 29.7 25.8 38.6

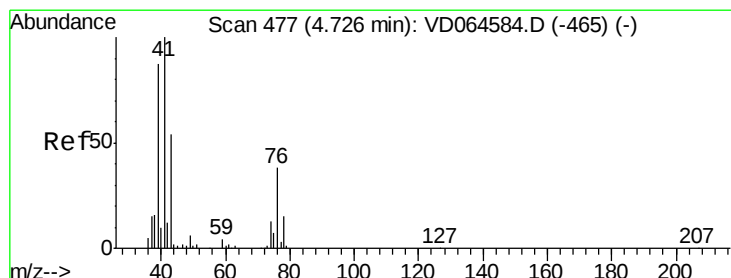
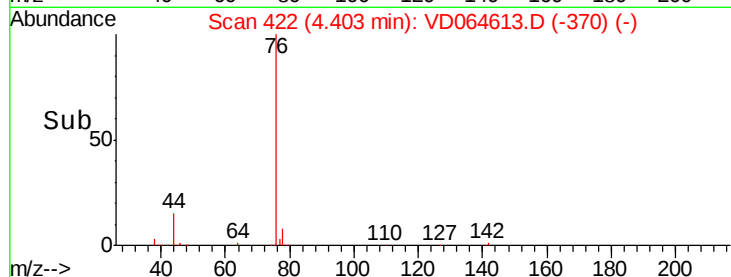
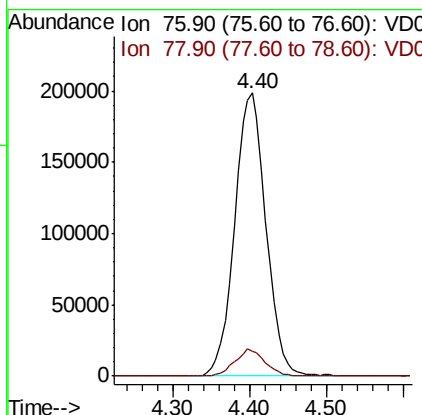
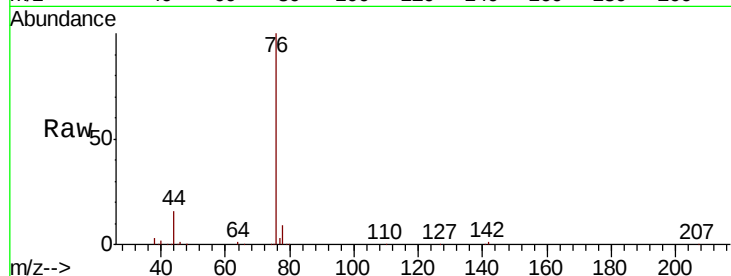




#17  
Carbon Disulfide  
Concen: 49.778 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

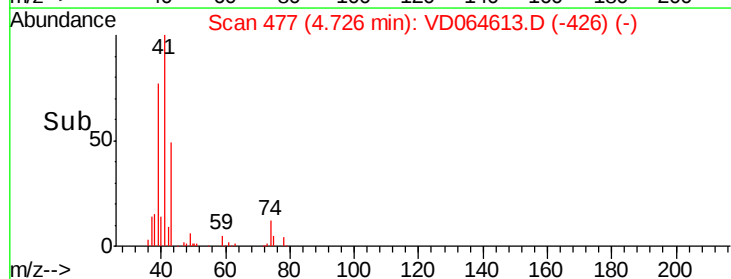
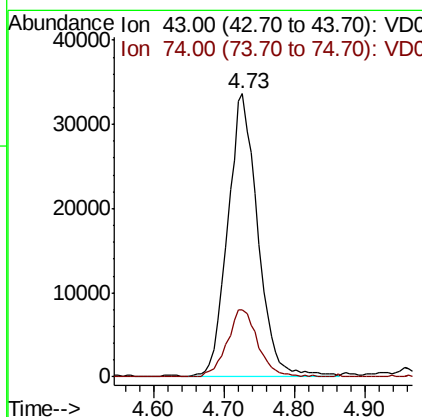
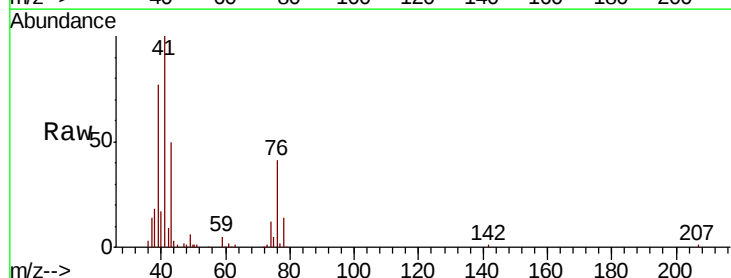
Instrument :  
MSVOA\_D  
ClientSampleId :

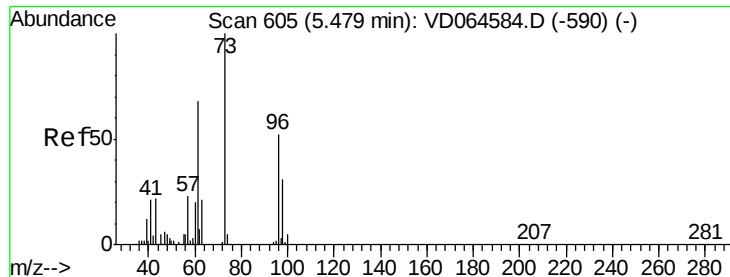
Tot Ion: 76 Resp: 563562  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 50.341 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 43 Resp: 99459  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.2 28.8



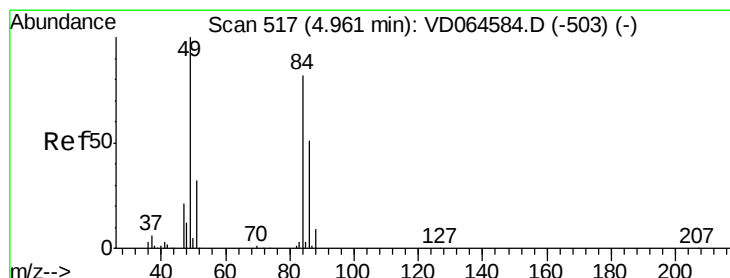
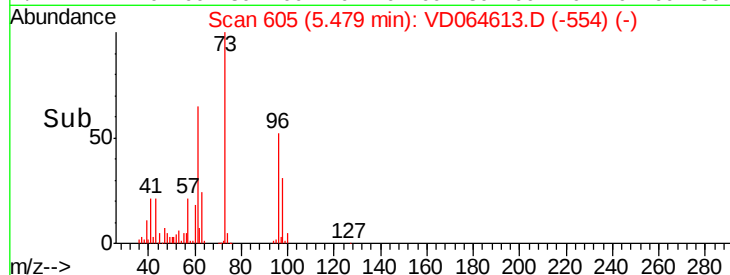
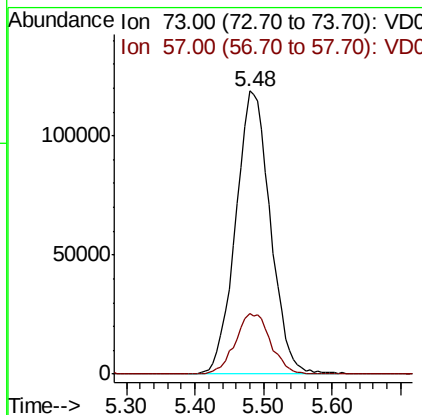
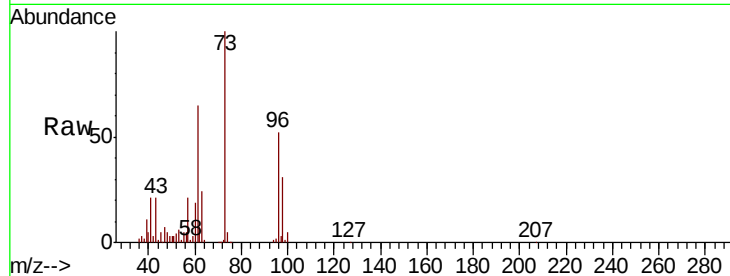


#19

Methyl tert-butyl Ether  
 Concen: 53.561 ug/l  
 RT: 5.48 min Scan# 605  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :

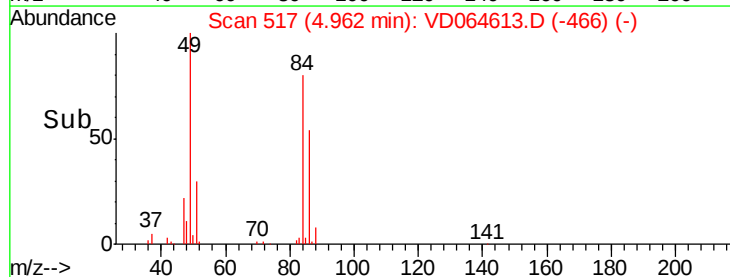
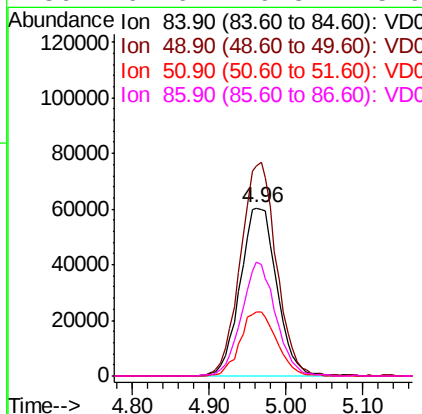
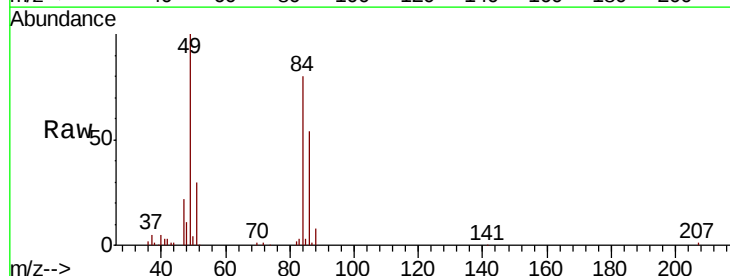
Tot Ion: 73 Resp: 416545  
 Ion Ratio Lower Upper  
 73 100  
 57 21.3 18.6 27.8

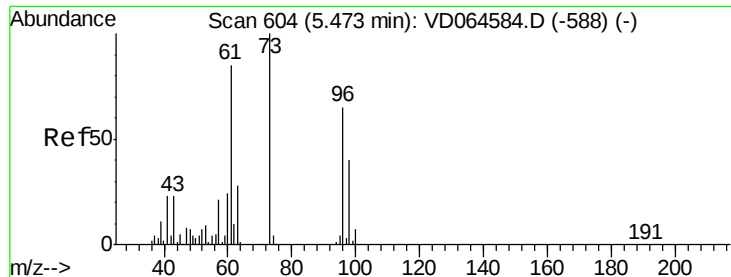


#20

Methylene Chloride  
 Concen: 56.804 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 84 Resp: 201486  
 Ion Ratio Lower Upper  
 84 100  
 49 125.2 97.2 145.8  
 51 38.0 31.4 47.0  
 86 67.6 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 51.665 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

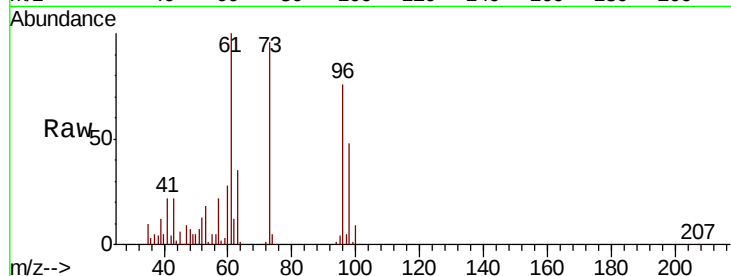
Tot Ion: 96 Resp: 206015

Ion Ratio Lower Upper

96 100

61 131.8 104.7 157.1

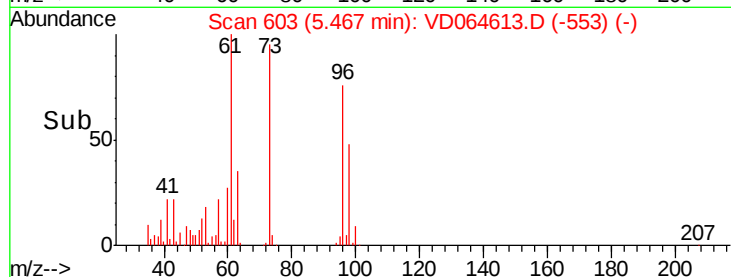
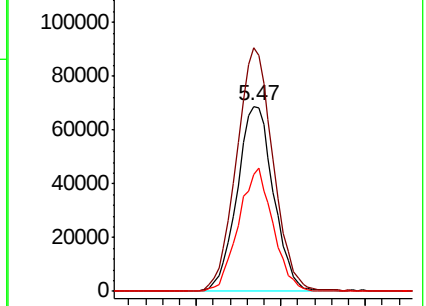
98 63.1 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 53.414 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Tgt Ion: 45 Resp: 581596

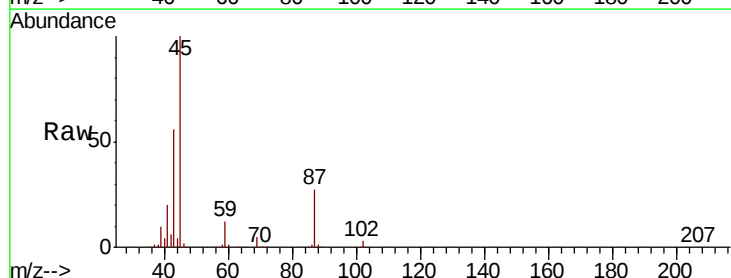
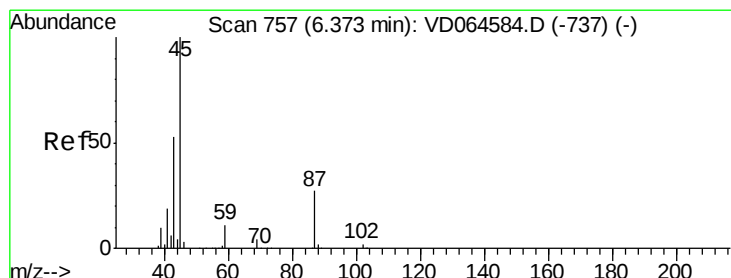
Ion Ratio Lower Upper

45 100

43 54.6 43.2 64.8

87 27.3 21.9 32.9

59 12.0 9.0 13.4

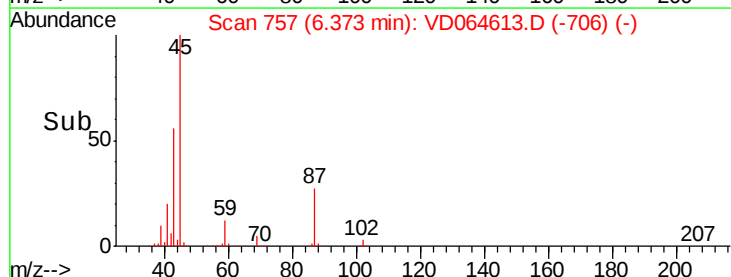
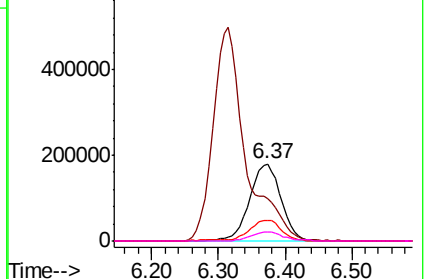


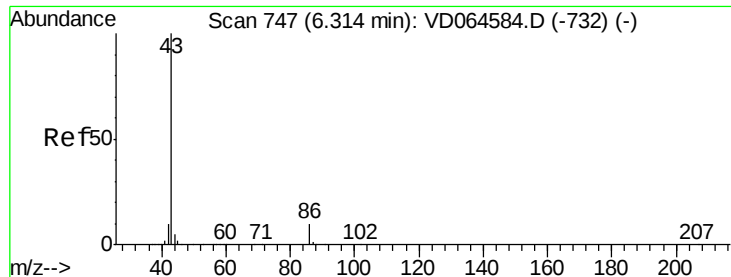
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 274.756 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

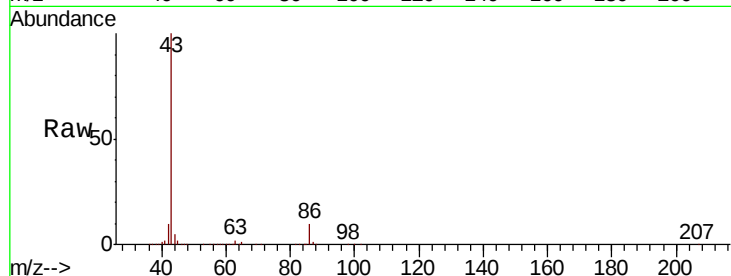
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 1697060

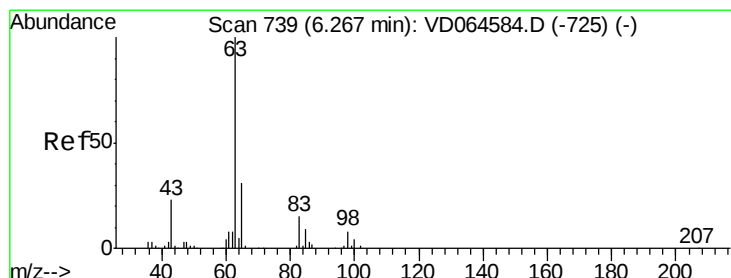
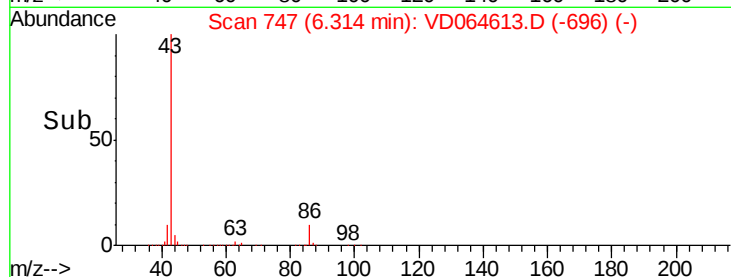
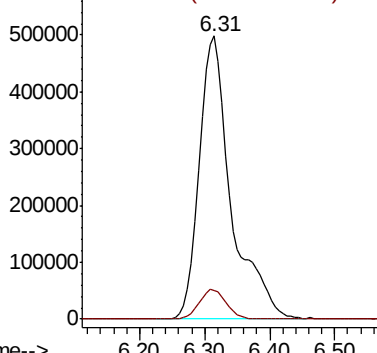
Ion Ratio Lower Upper

43 100

86 9.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.186 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

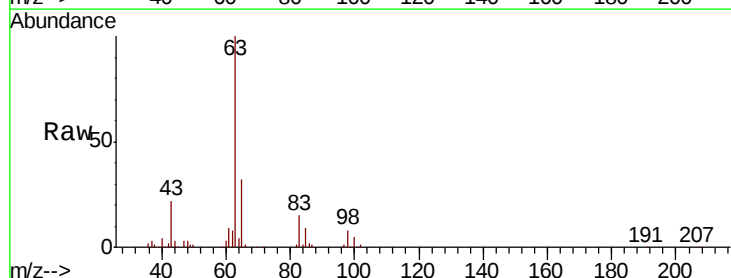
Tgt Ion: 63 Resp: 347663

Ion Ratio Lower Upper

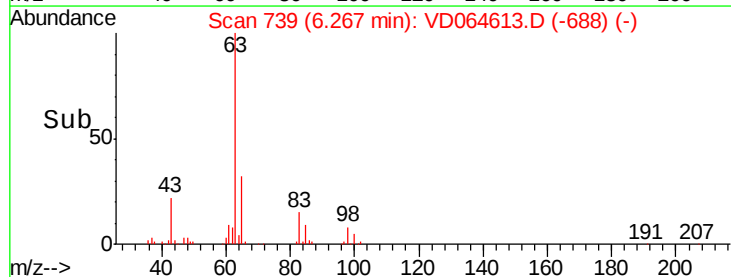
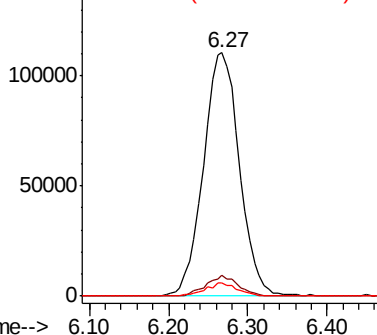
63 100

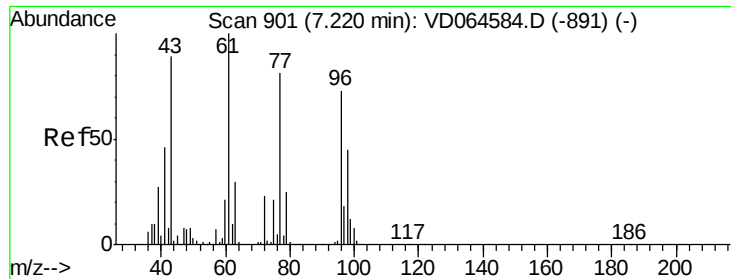
98 8.5 4.1 12.3

100 5.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC  
Ion 99.90 (99.60 to 100.60): VDC

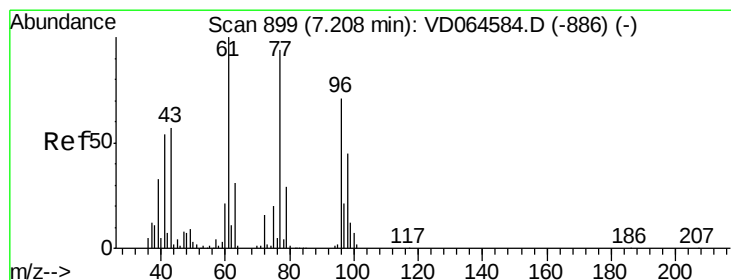
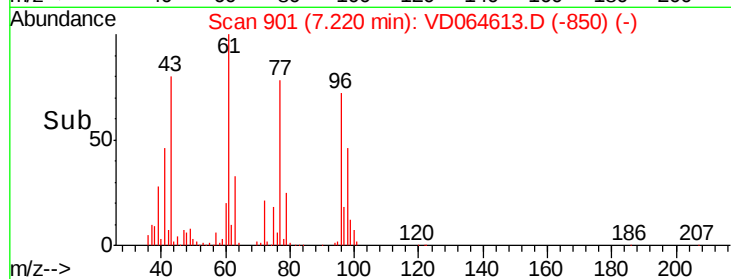
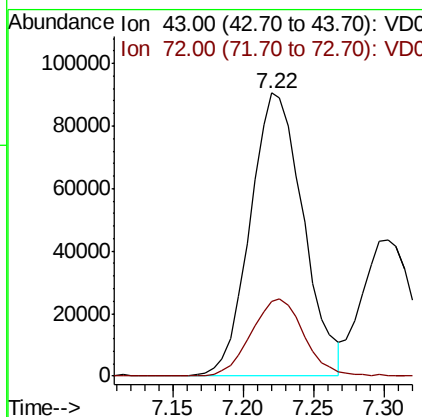
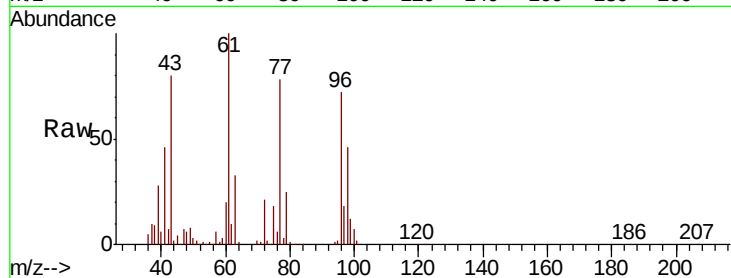




#25  
2-Butanone  
Concen: 247.483 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

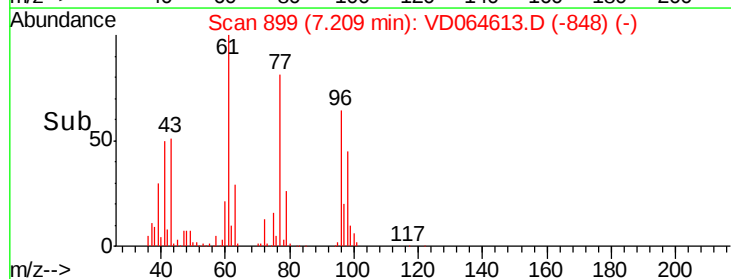
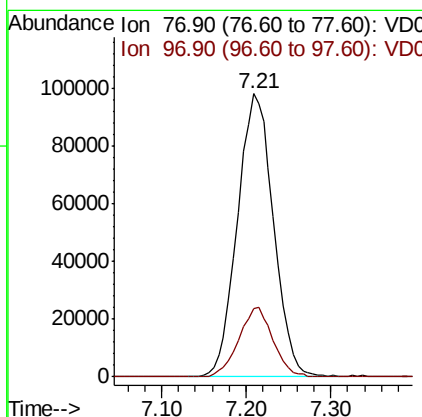
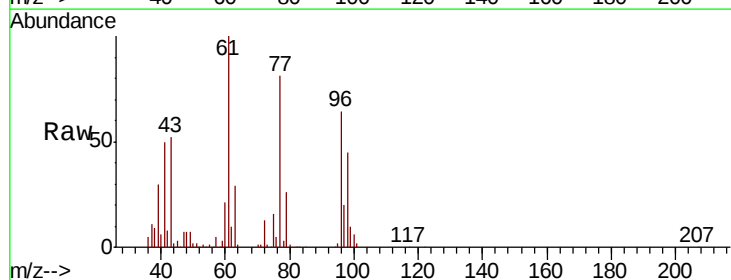
Instrument :  
MSVOA\_D  
ClientSampleId :

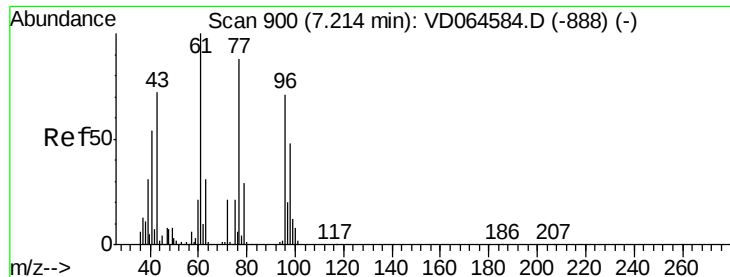
Tot Ion: 43 Resp: 238728  
Ion Ratio Lower Upper  
43 100  
72 26.5 20.7 31.1



#26  
2,2-Dichloropropane  
Concen: 47.848 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 77 Resp: 290799  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.2 33.6



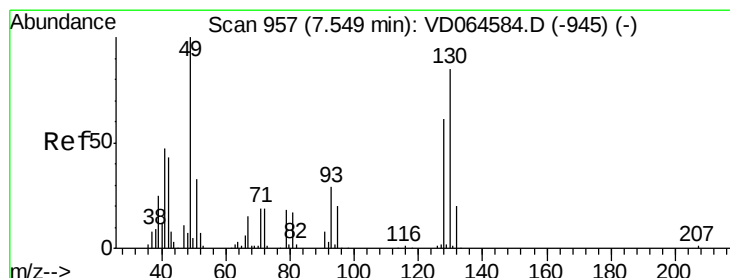
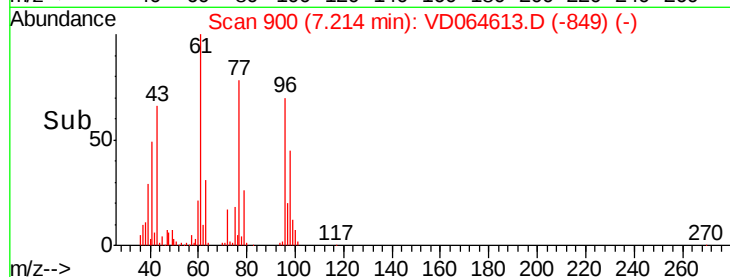
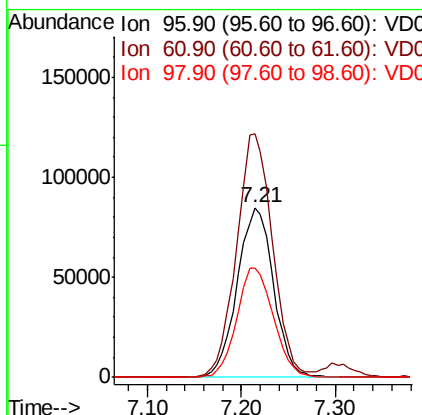
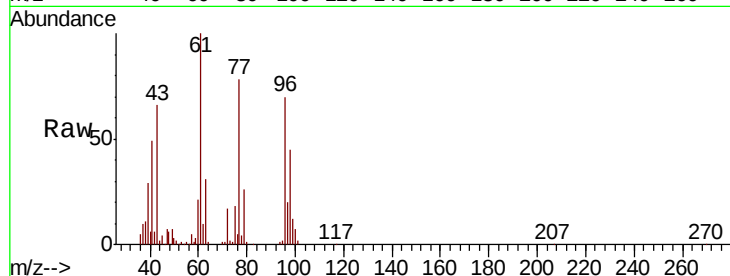


#27

cis-1,2-Dichloroethene  
 Concen: 52.691 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :

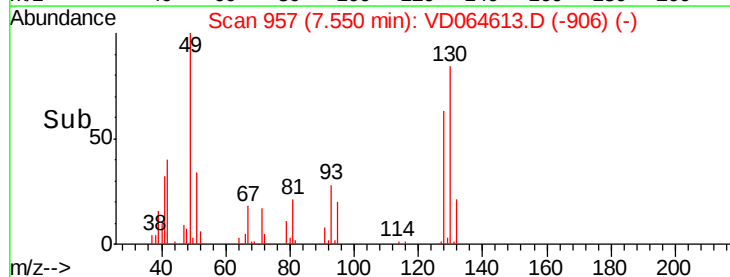
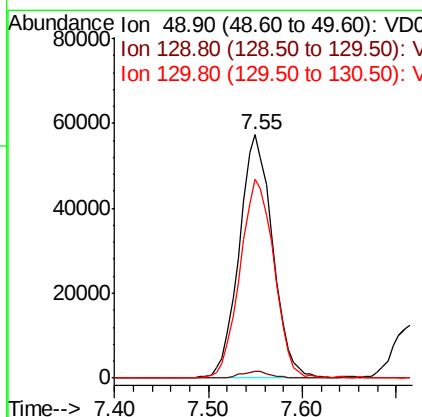
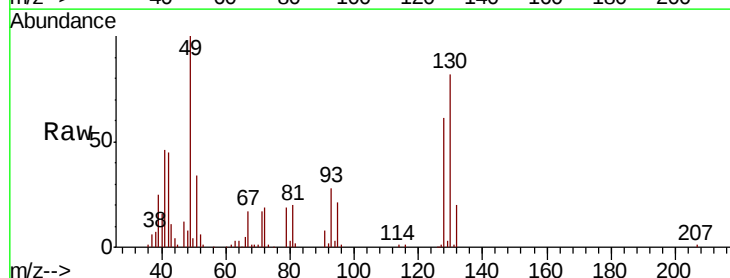
Tot Ion: 96 Resp: 226751  
 Ion Ratio Lower Upper  
 96 100  
 61 142.5 0.0 282.6  
 98 65.1 0.0 130.8

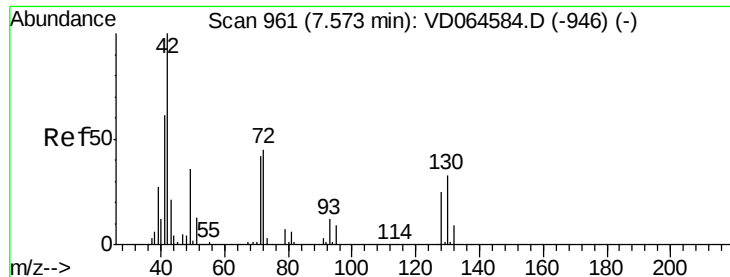


#28

Bromochloromethane  
 Concen: 55.681 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 49 Resp: 141486  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.8  
 130 83.1 65.0 97.6

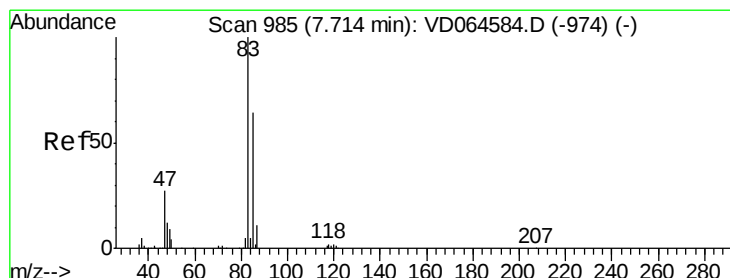
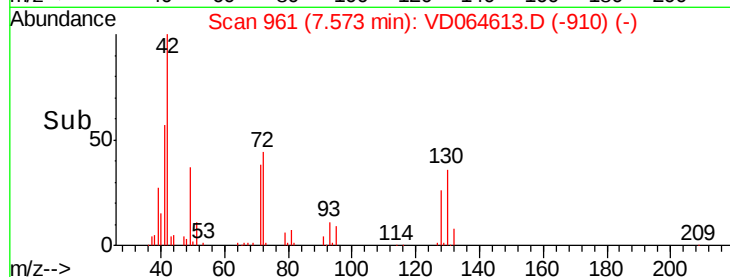
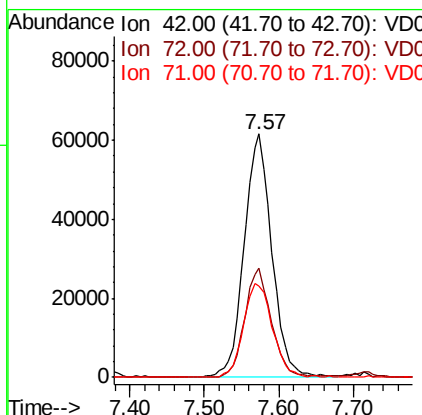
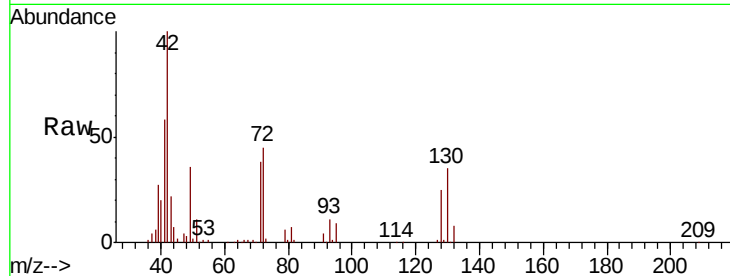




#29  
Tetrahydrofuran  
Concen: 265.236 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

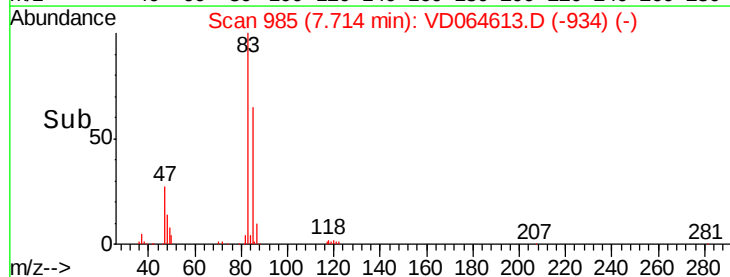
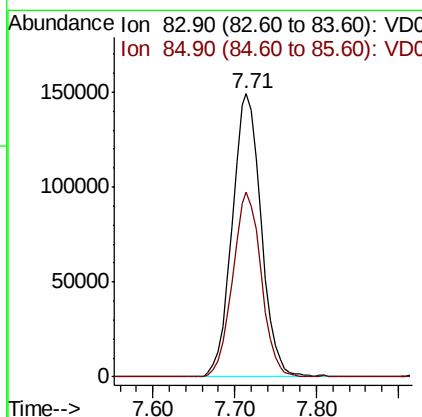
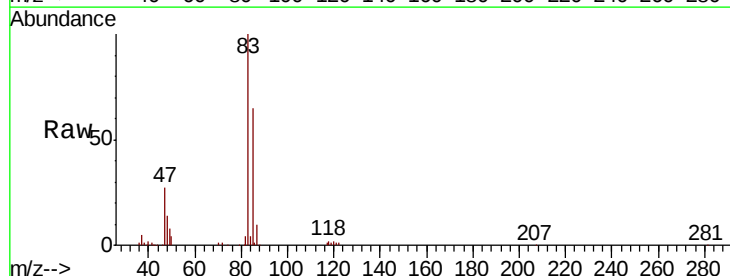
Instrument :  
MSVOA\_D  
ClientSampled :

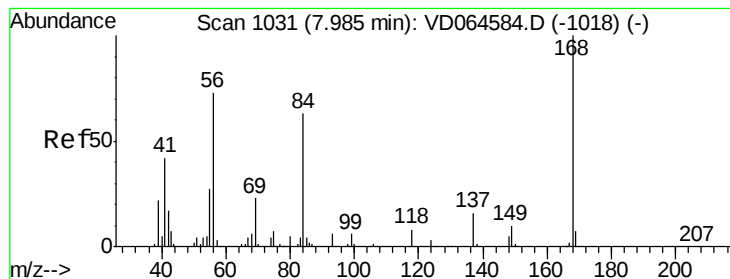
Tot Ion: 42 Resp: 159109  
Ion Ratio Lower Upper  
42 100  
72 42.6 35.0 52.4  
71 39.9 32.9 49.3



#30  
Chloroform  
Concen: 53.544 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 83 Resp: 367214  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.1 76.7





#31

Cyclohexane

Concen: 45.715 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :

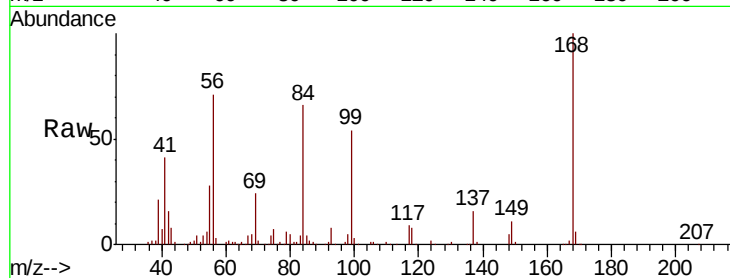
Tot Ion: 56 Resp: 299126

Ion Ratio Lower Upper

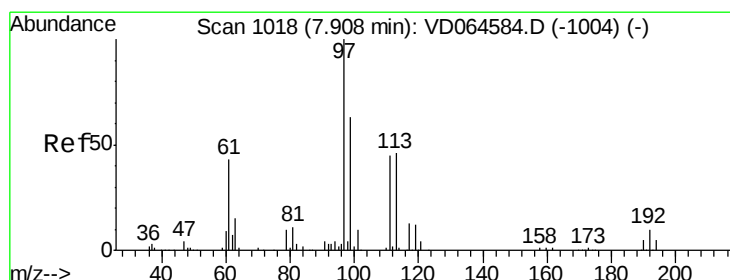
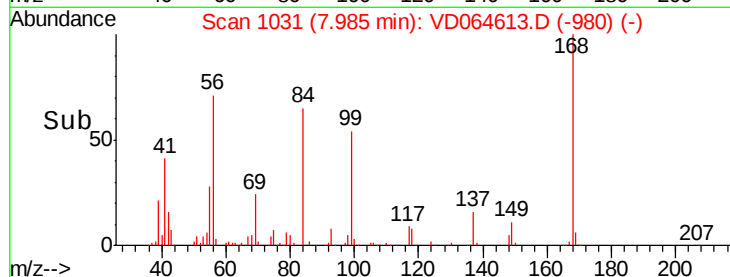
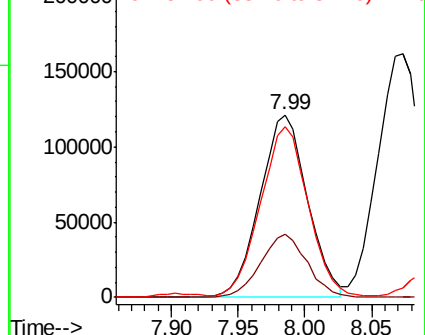
56 100

69 34.5 24.7 37.1

84 92.0 69.4 104.2



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



#32

1,1,1-Trichloroethane

Concen: 50.775 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

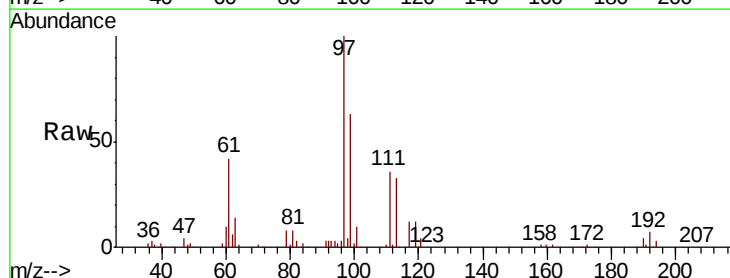
Tgt Ion: 97 Resp: 327074

Ion Ratio Lower Upper

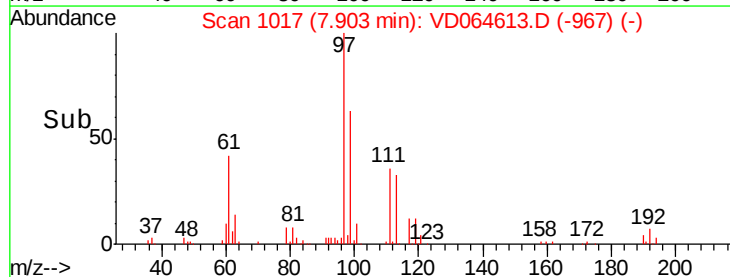
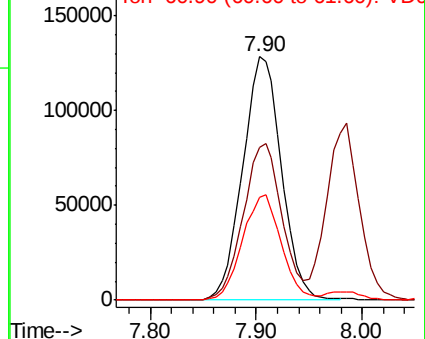
97 100

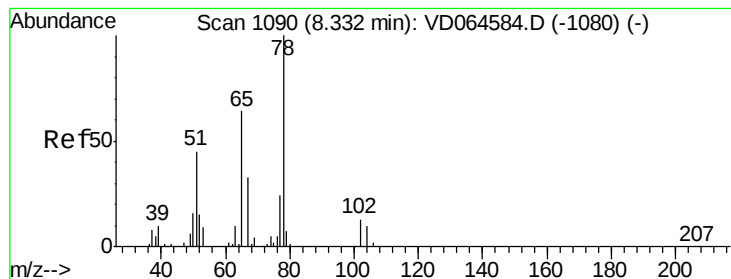
99 64.2 51.0 76.6

61 43.3 35.4 53.0



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





#33

1,2-Dichloroethane-d4

Concen: 52.634 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

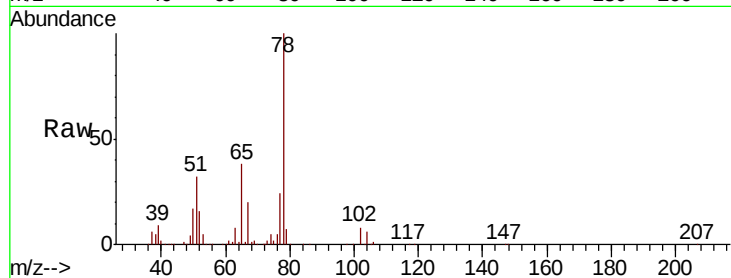
ClientSampleId :

Tot Ion: 65 Resp: 184707

Ion Ratio Lower Upper

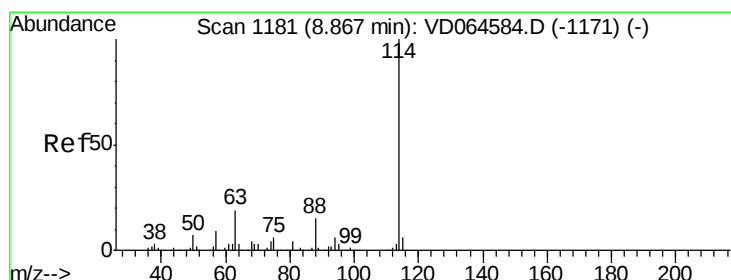
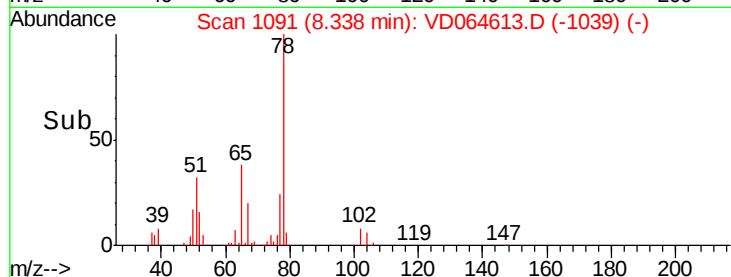
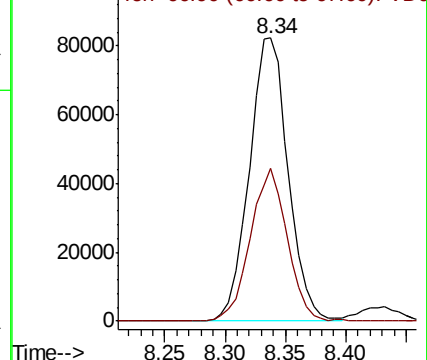
65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

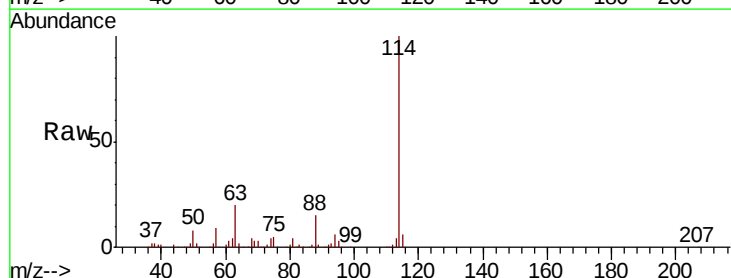
Tgt Ion: 114 Resp: 589677

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

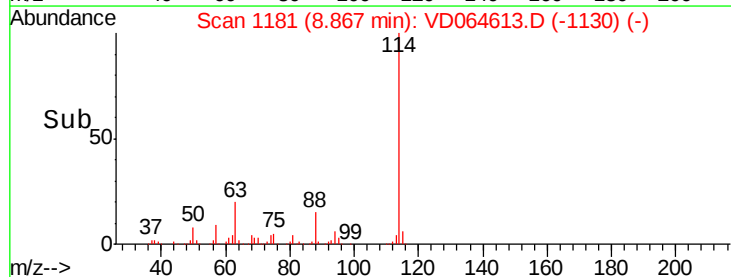
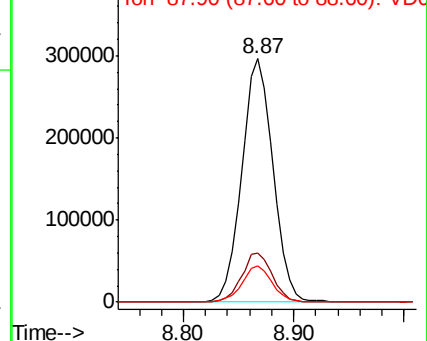
88 15.1 0.0 29.2

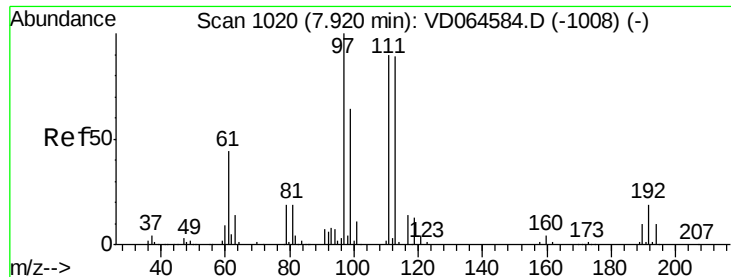


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

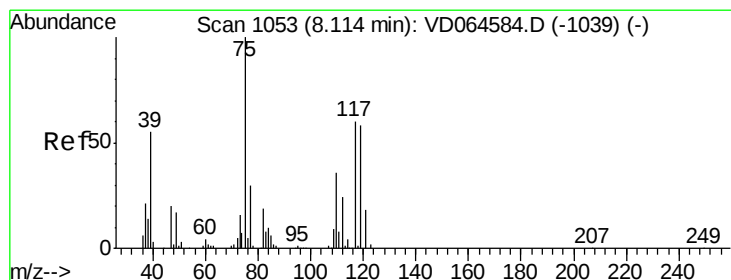
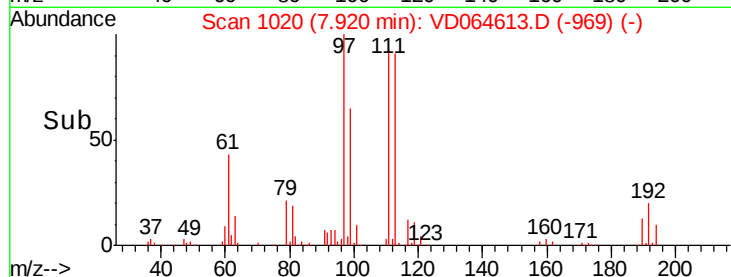
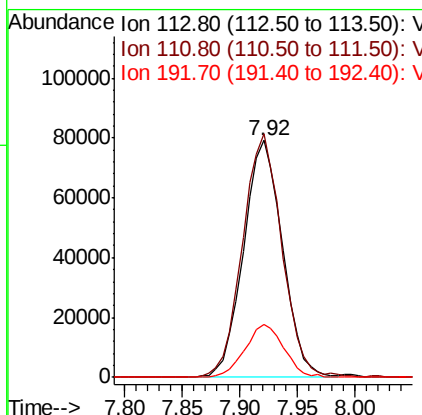
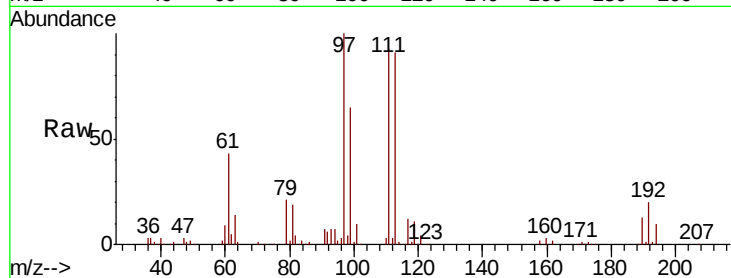




#35  
 Dibromofluoromethane  
 Concen: 51.536 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

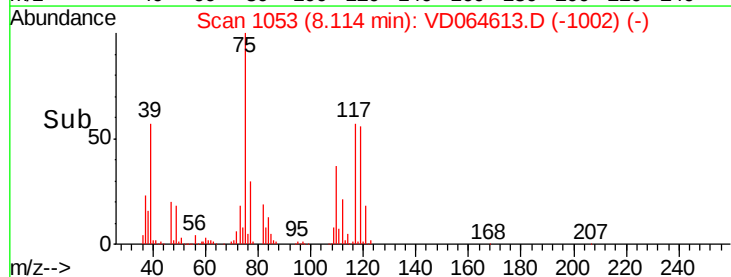
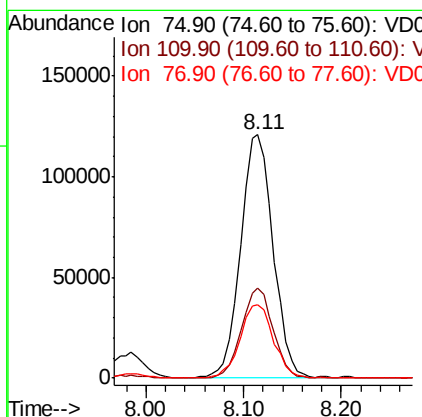
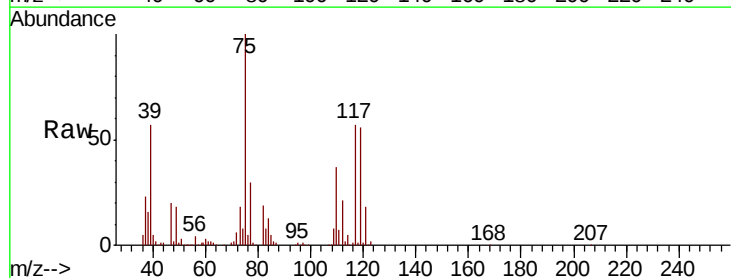
Instrument :  
 MSVOA\_D  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.8 | 80.6  | 121.0 |
| 192     | 22.2  | 17.9  | 26.9  |



#36  
 1,1-Dichloropropene  
 Concen: 49.498 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.1  | 54.1  |
| 77      | 31.3  | 24.2  | 36.4  |

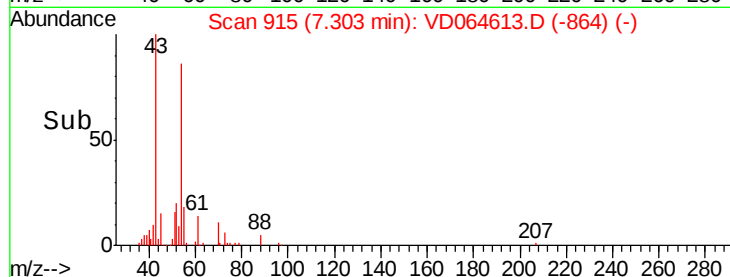
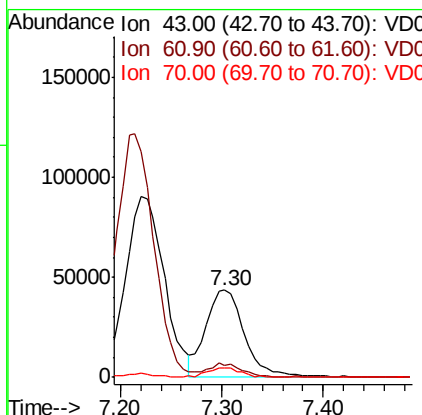
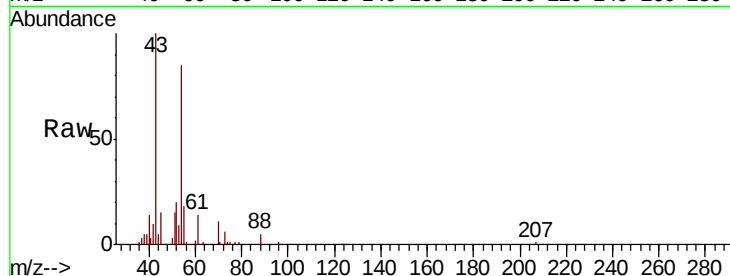




#37  
Ethyl Acetate  
Concen: 50.780 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

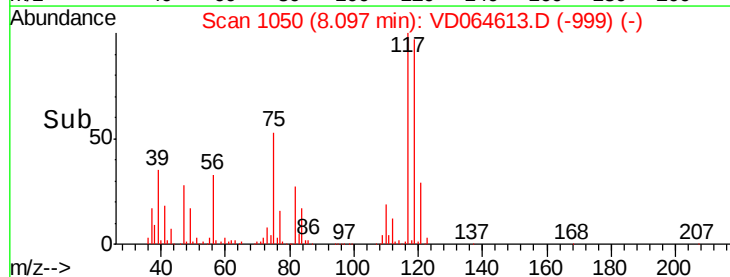
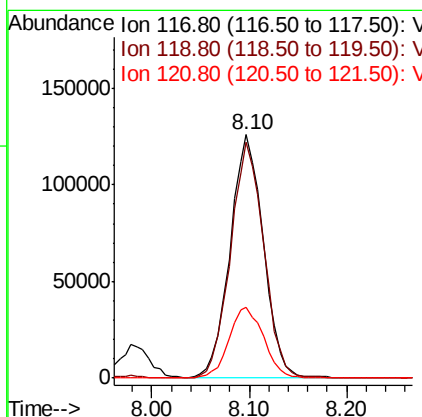
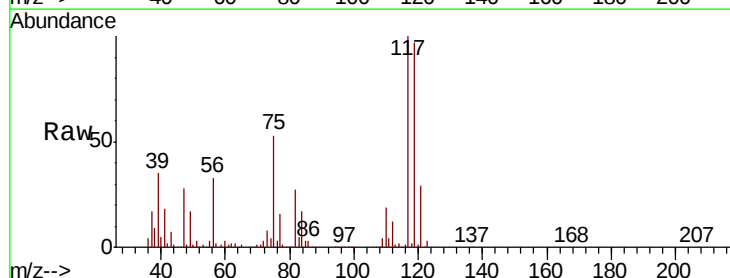
Instrument :  
MSVOA\_D  
ClientSampleId :

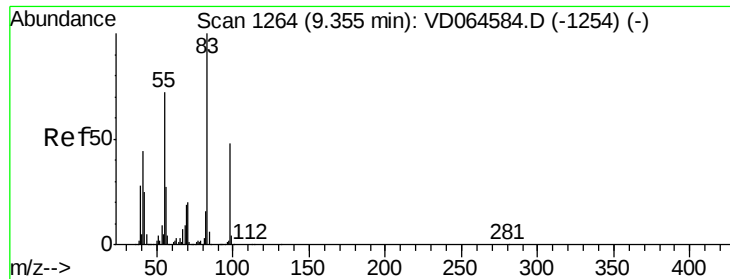
Tot Ion: 43 Resp: 113222  
Ion Ratio Lower Upper  
43 100  
61 13.7 10.3 15.5  
70 9.8 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 49.187 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 117 Resp: 297676  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.3 115.9  
121 29.4 25.0 37.6

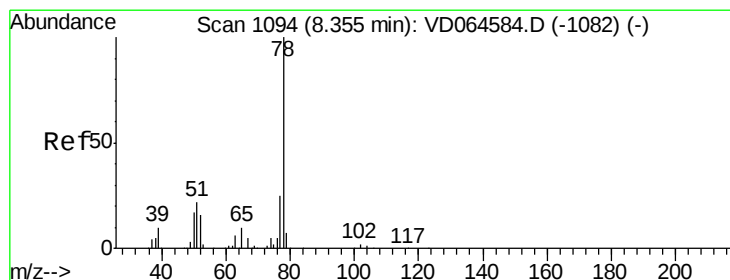
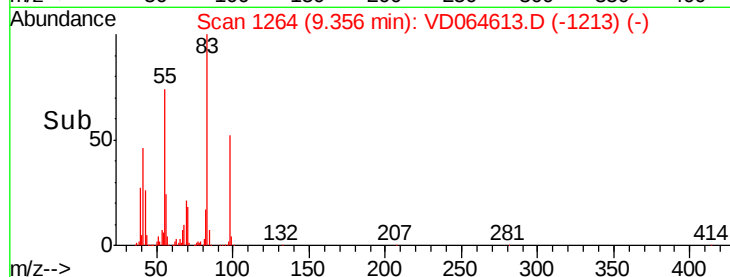
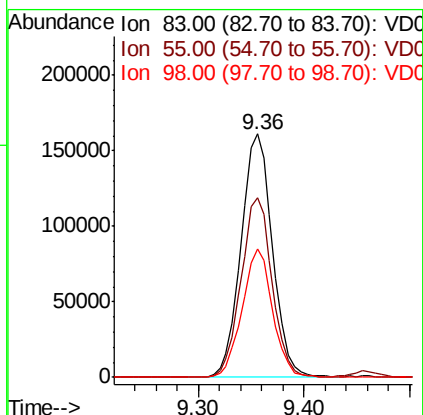
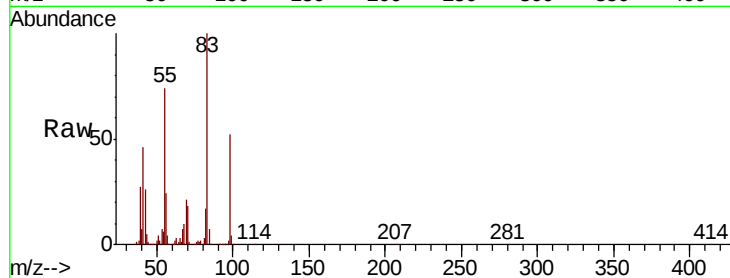




#39  
Methylvlcyclohexane  
Concen: 48.383 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

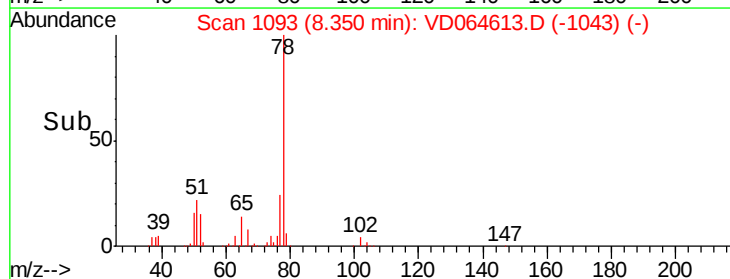
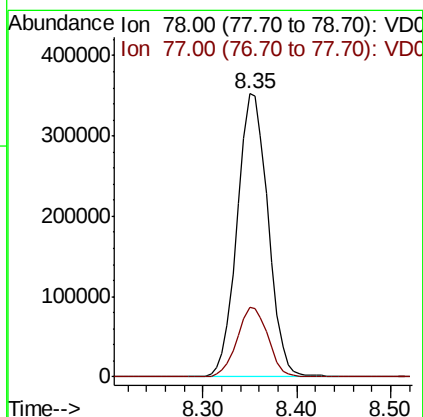
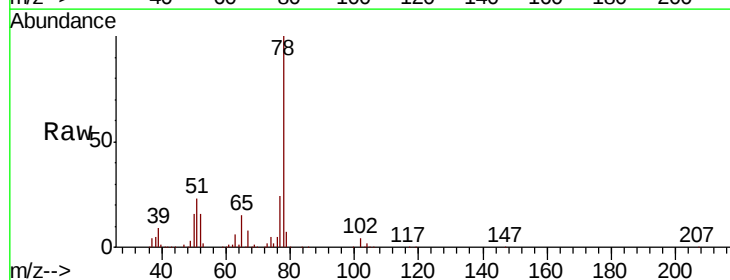
Instrument :  
MSVOA\_D  
ClientSampleId :

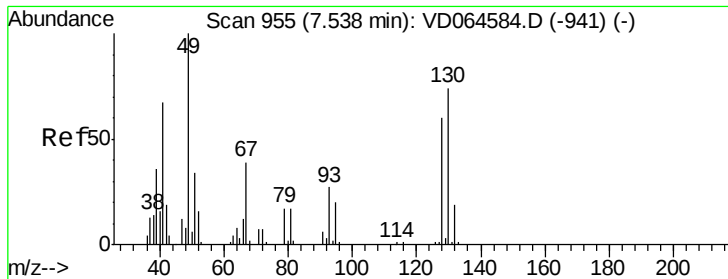
Tot Ion: 83 Resp: 332594  
Ion Ratio Lower Upper  
83 100  
55 73.9 57.8 86.6  
98 52.5 38.7 58.1



#40  
Benzene  
Concen: 51.917 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 78 Resp: 804385  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.9 29.9





#41

Methacrylonitrile

Concen: 50.399 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 41 Resp: 65199

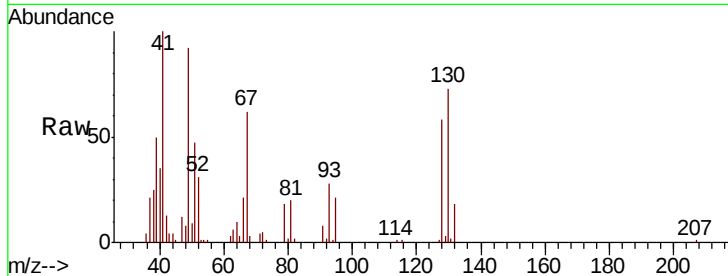
Ion Ratio Lower Upper

41 100

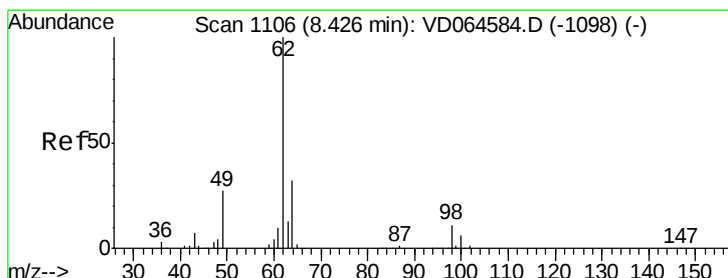
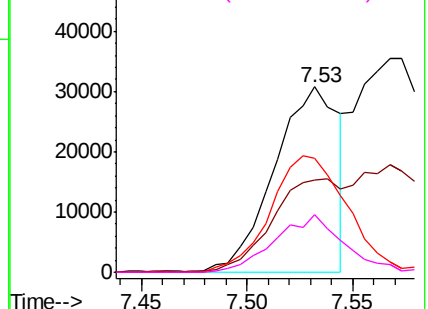
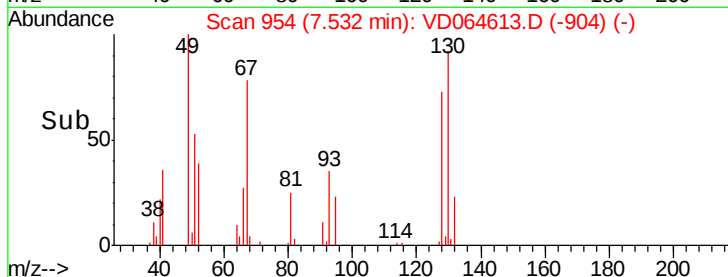
39 53.6 46.7 70.1

67 75.3 52.5 78.7

52 33.2 24.1 36.1



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



#42

1,2-Dichloroethane

Concen: 52.013 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD064613.D

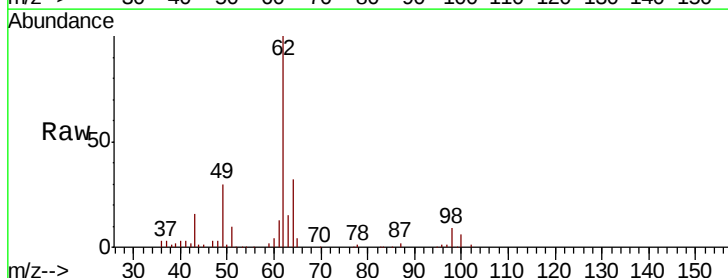
Acq: 26 Dec 2019 22:44

Tgt Ion: 62 Resp: 232879

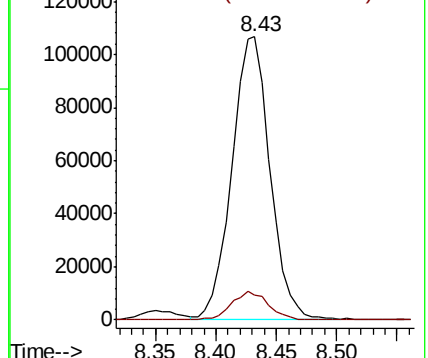
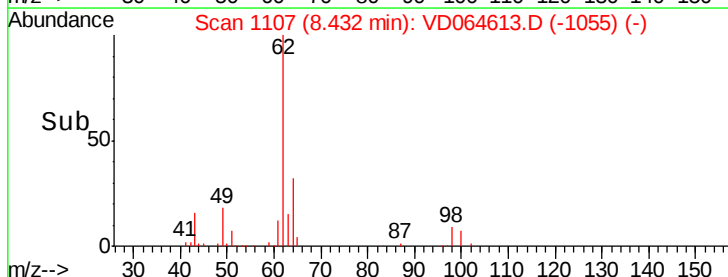
Ion Ratio Lower Upper

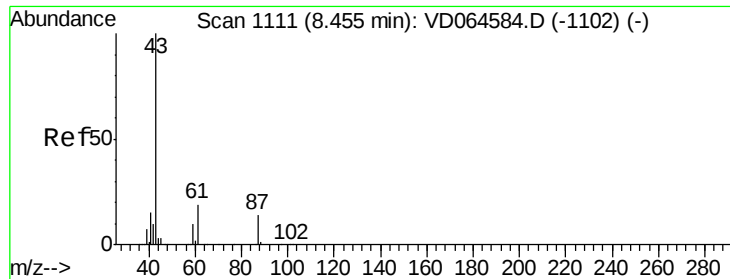
62 100

98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.442 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

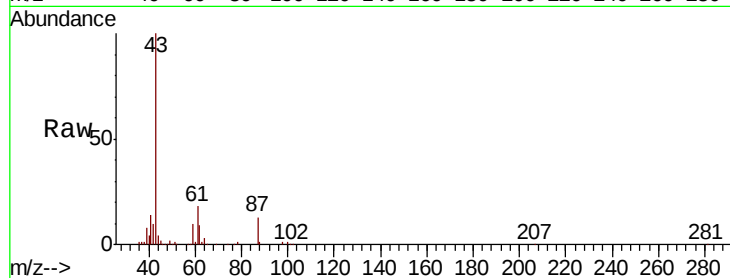
Tot Ion: 43 Resp: 228301

Ion Ratio Lower Upper

43 100

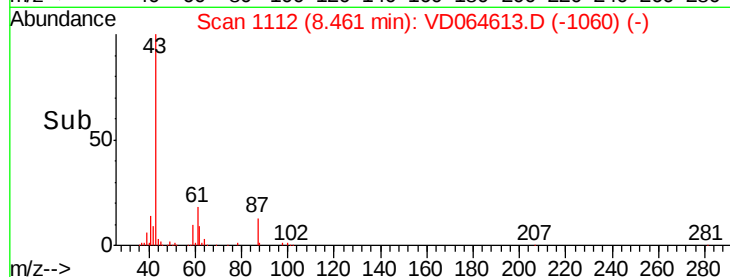
61 29.1 23.7 35.5

87 13.6 10.5 15.7

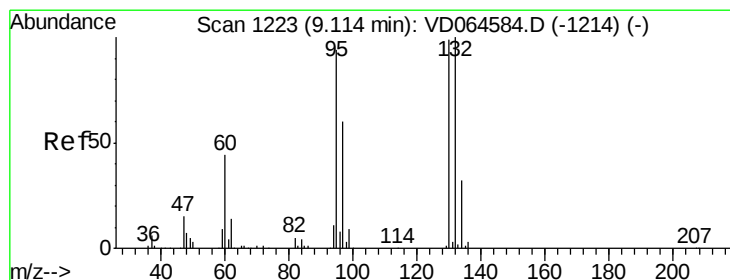


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC

8.46



Time-->



#44

Trichloroethene

Concen: 51.067 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064613.D

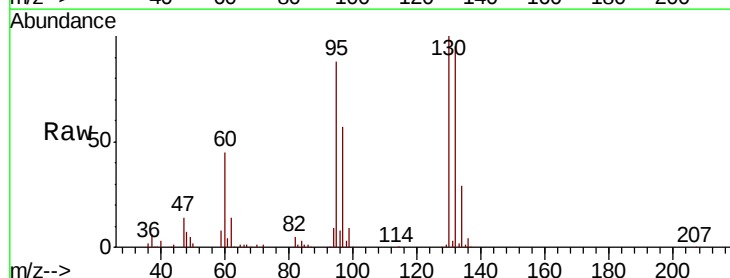
Acq: 26 Dec 2019 22:44

Tgt Ion:130 Resp: 232438

Ion Ratio Lower Upper

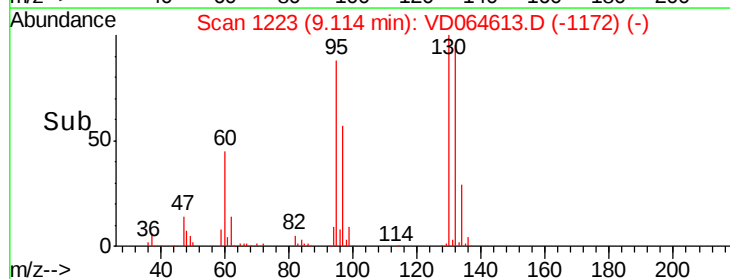
130 100

95 87.9 0.0 190.2



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

9.11



Time-->



#45

1,2-Dichloropropane

Concen: 51.978 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

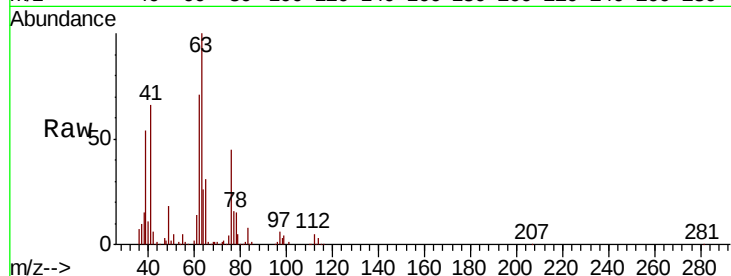
ClientSampleId :

Tot Ion: 63 Resp: 192286

Ion Ratio Lower Upper

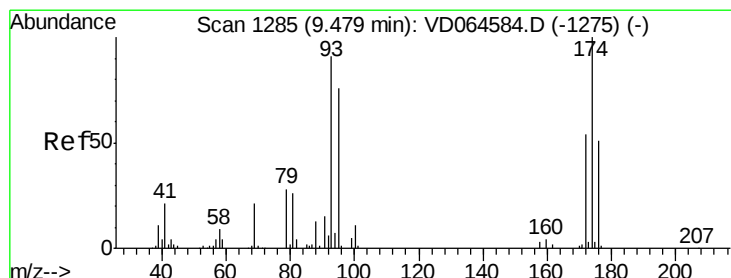
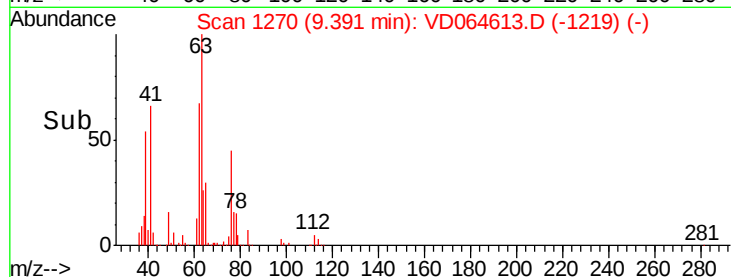
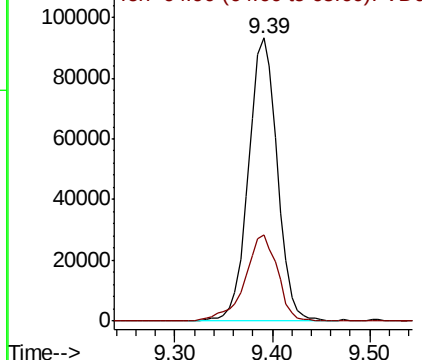
63 100

65 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.463 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

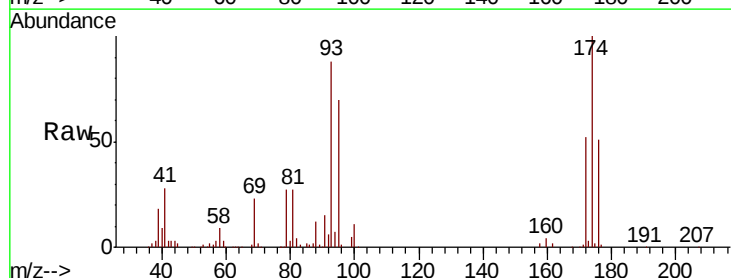
Tgt Ion: 93 Resp: 108205

Ion Ratio Lower Upper

93 100

95 82.7 64.6 97.0

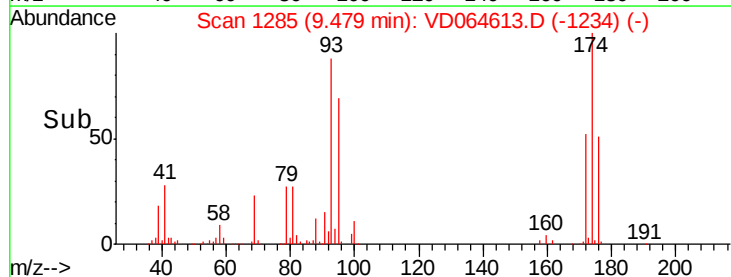
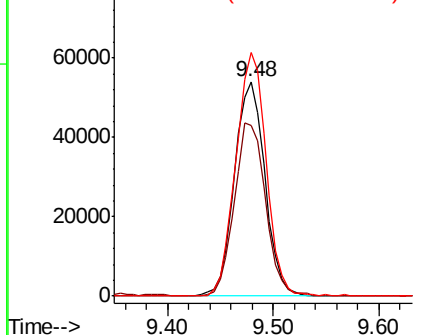
174 112.8 88.1 132.1

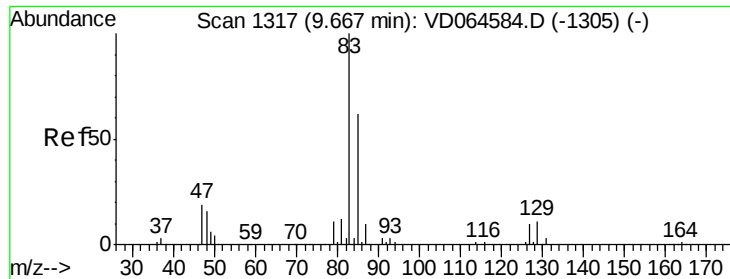


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.670 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

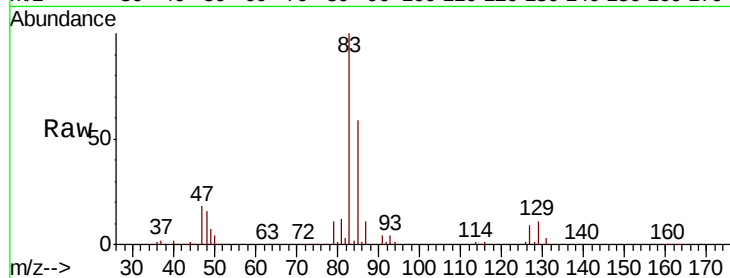
Tot Ion: 83 Resp: 289066

Ion Ratio Lower Upper

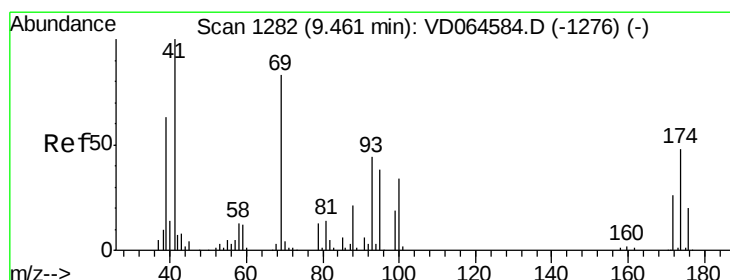
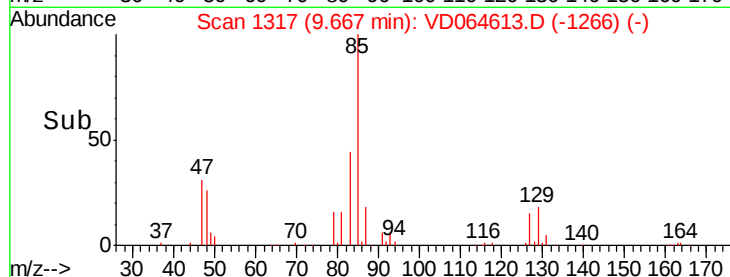
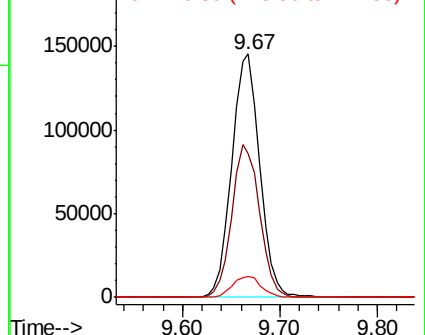
83 100

85 59.0 49.5 74.3

127 8.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 50.108 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

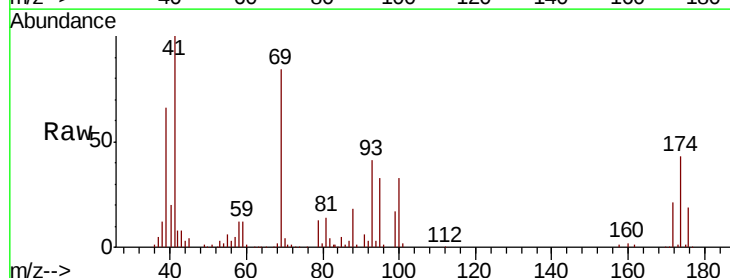
Tgt Ion: 41 Resp: 104709

Ion Ratio Lower Upper

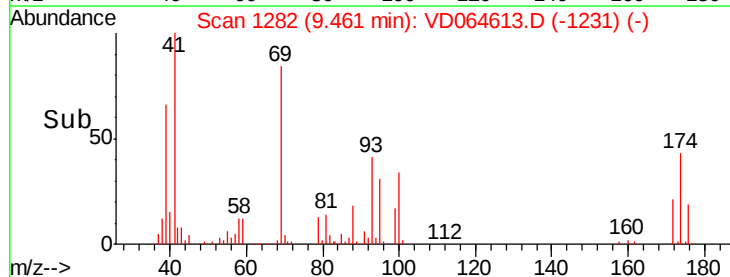
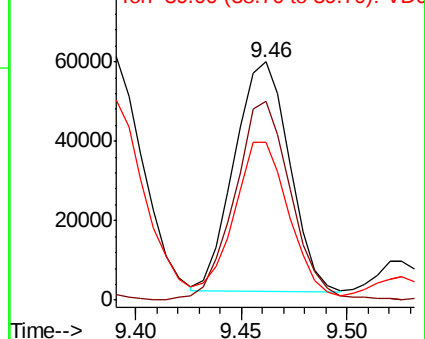
41 100

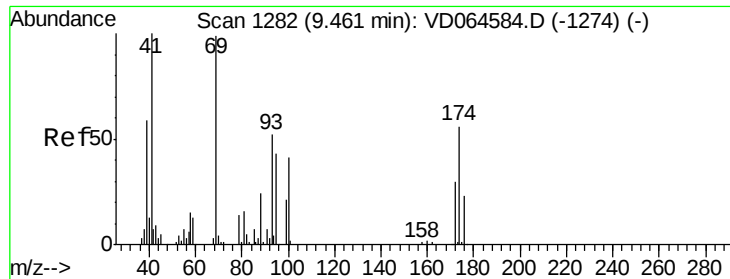
69 88.1 63.0 94.6

39 65.5 47.4 71.2



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

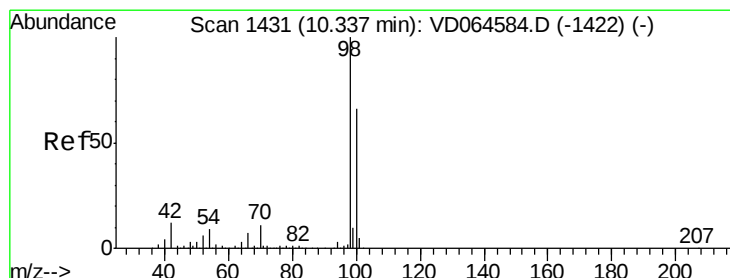
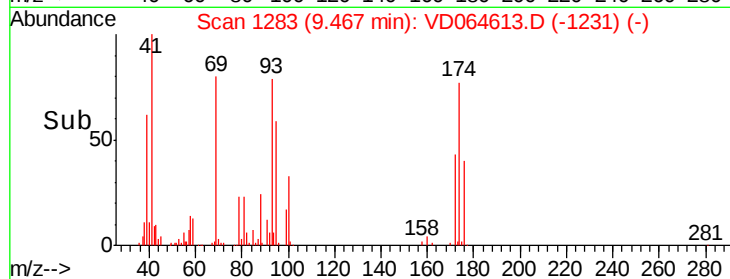
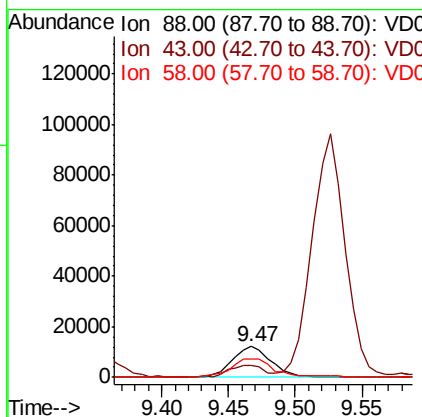
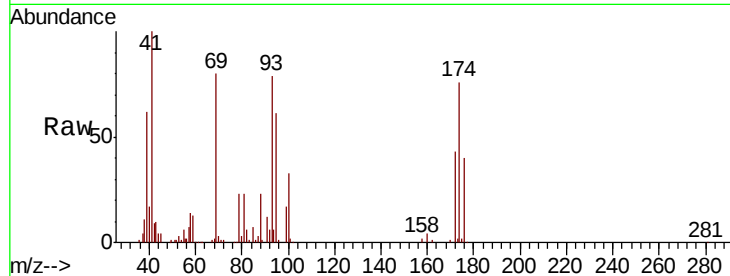




#49  
1,4-Dioxane  
Concen: 1039.137 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

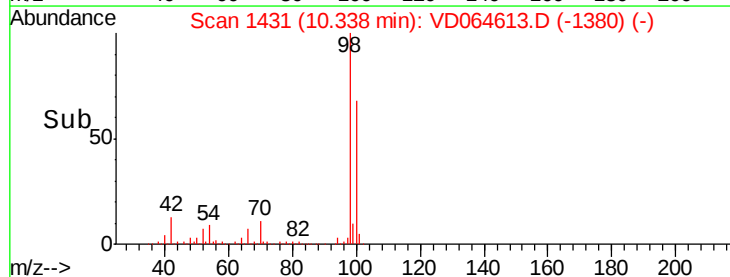
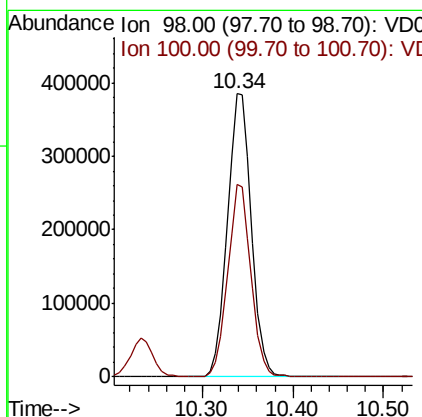
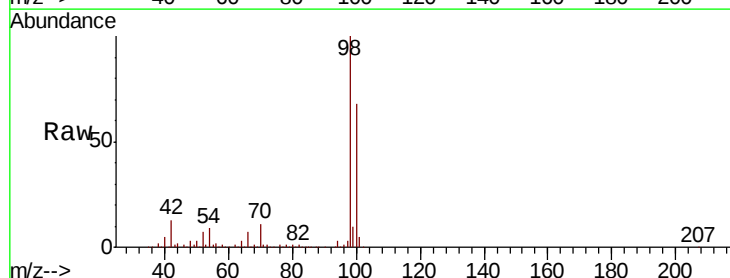
Instrument :  
MSVOA\_D  
ClientSampleId :

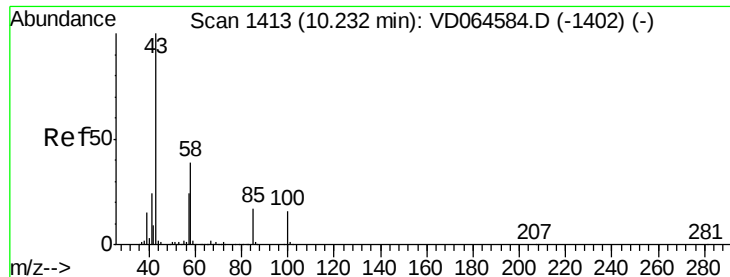
Tot Ion: 88 Resp: 24713  
Ion Ratio Lower Upper  
88 100  
43 37.6 27.7 41.5  
58 64.5 53.8 80.6



#50  
Toluene-d8  
Concen: 51.125 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 98 Resp: 708373  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 257.177 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

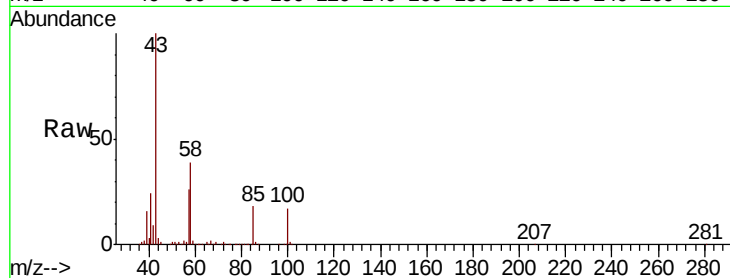
ClientSampleId :

Tot Ion: 43 Resp: 564144

Ion Ratio Lower Upper

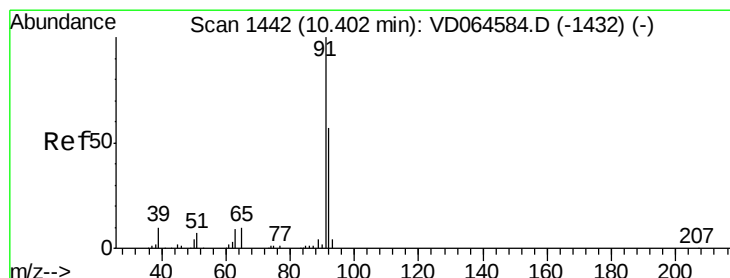
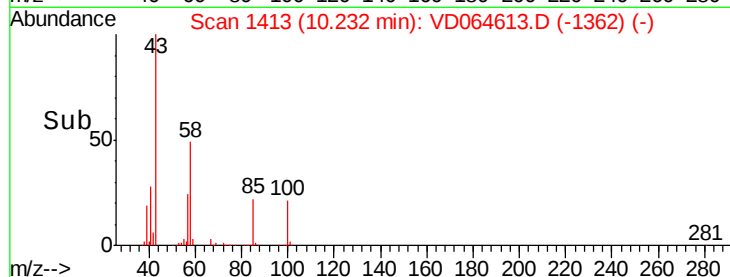
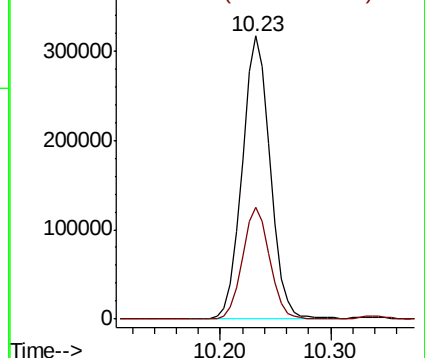
43 100

58 38.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.572 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064613.D

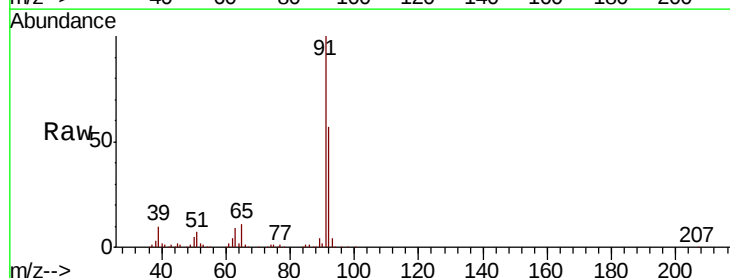
Acq: 26 Dec 2019 22:44

Tgt Ion: 92 Resp: 524240

Ion Ratio Lower Upper

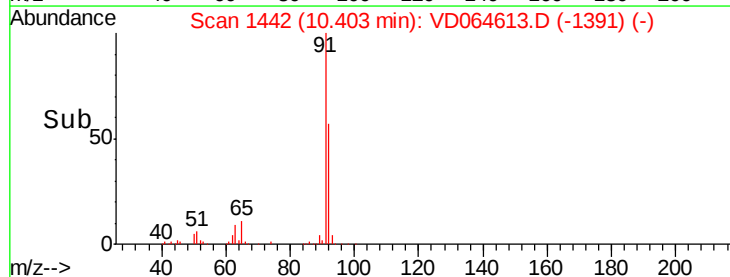
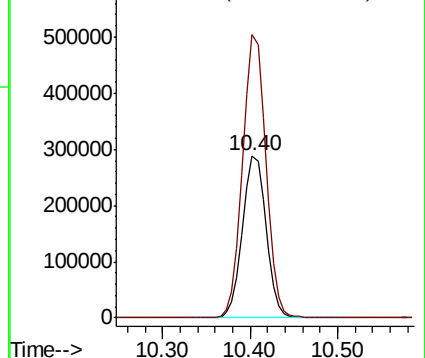
92 100

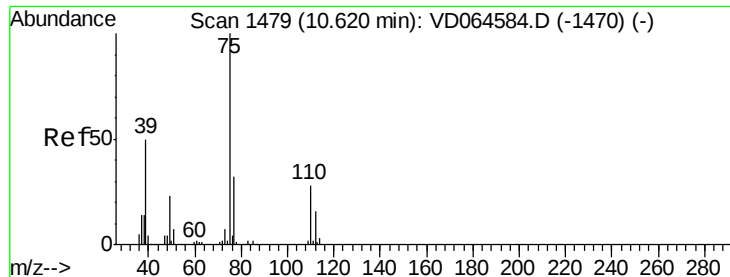
91 172.1 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

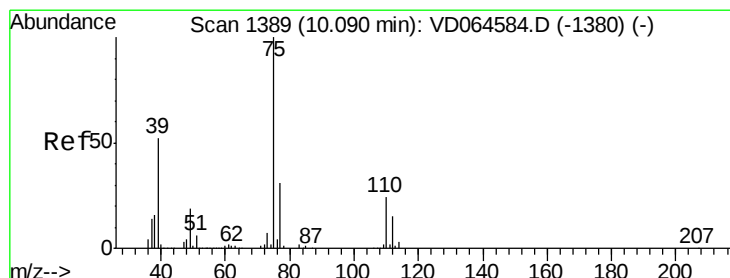
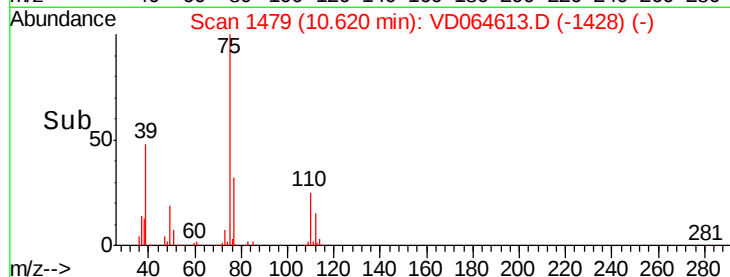
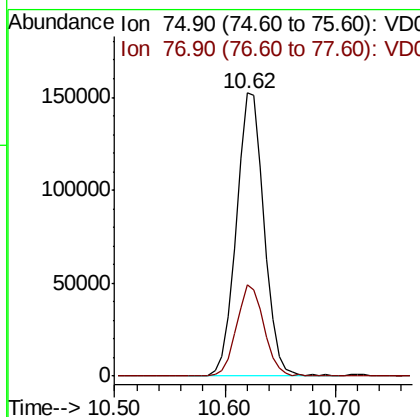
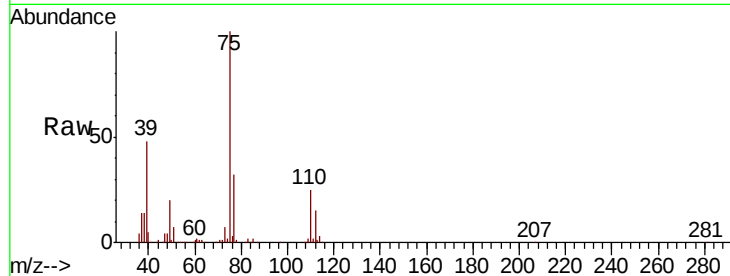




#53  
t-1,3-Dichloropropene  
Concen: 52.538 ug/l  
RT: 10.62 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

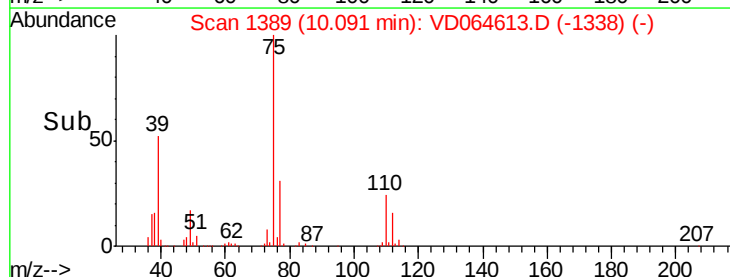
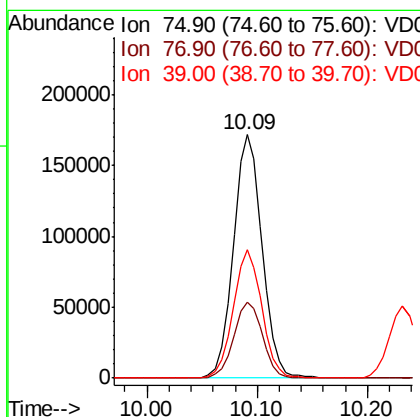
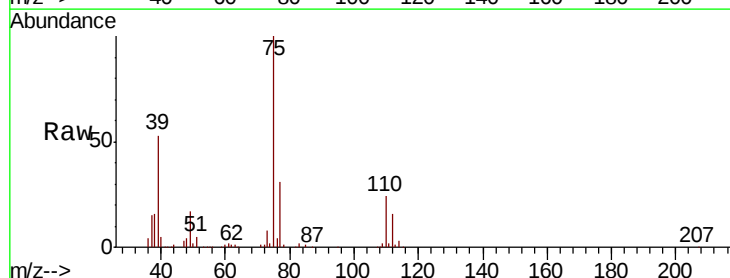
Instrument :  
MSVOA\_D  
ClientSampleId :

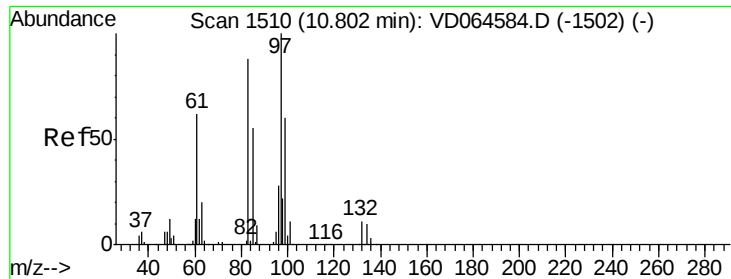
Tot Ion: 75 Resp: 268827  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.738 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 75 Resp: 312159  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 36.8  
39 52.6 41.4 62.2

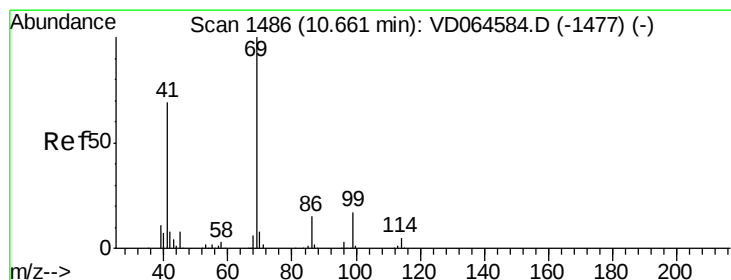
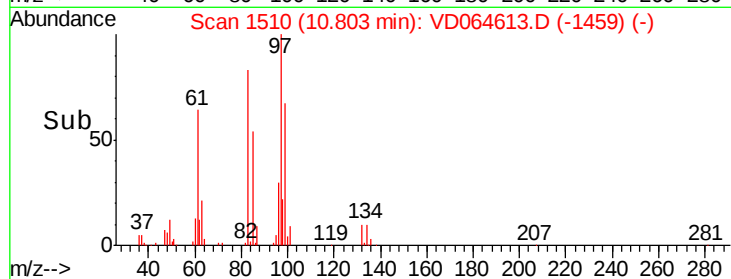
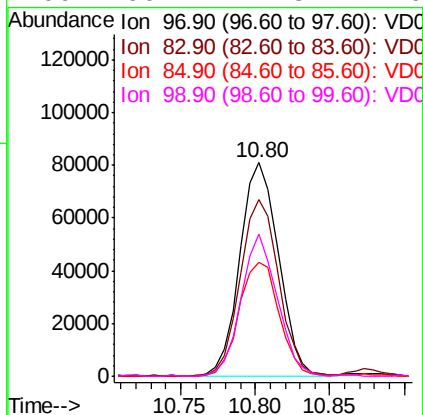
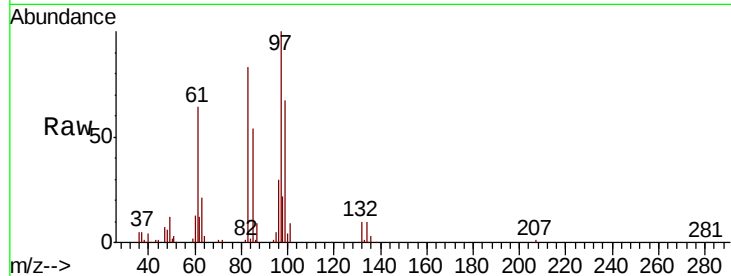




#55  
 1,1,2-Trichloroethane  
 Concen: 52.591 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

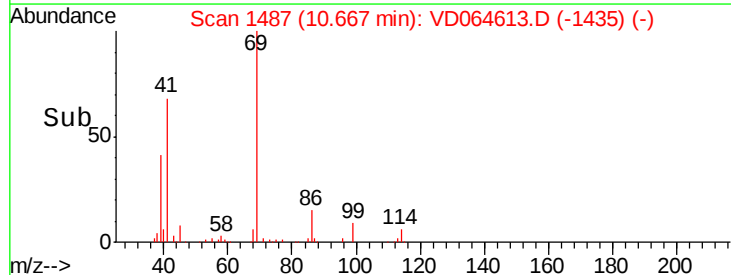
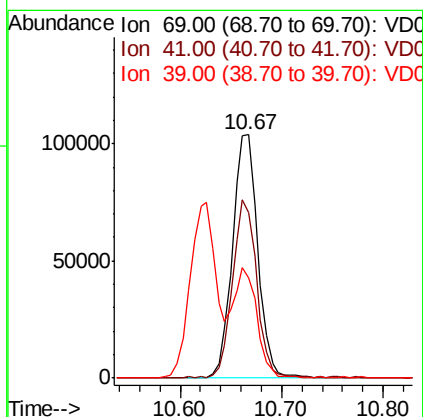
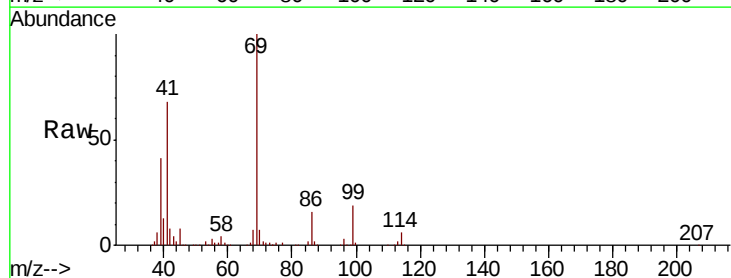
Instrument :  
 MSVOA\_D  
 ClientSampleId :

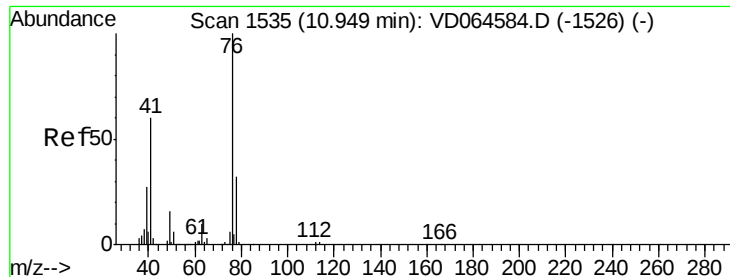
Tot Ion: 97 Resp: 146182  
 Ion Ratio Lower Upper  
 97 100  
 83 82.7 70.2 105.4  
 85 53.5 44.0 66.0  
 99 66.7 47.8 71.6



#56  
 Ethyl methacrylate  
 Concen: 52.039 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 69 Resp: 180645  
 Ion Ratio Lower Upper  
 69 100  
 41 68.9 55.3 82.9  
 39 42.6 33.8 50.8





#57

1,3-Dichloropropane

Concen: 51.717 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

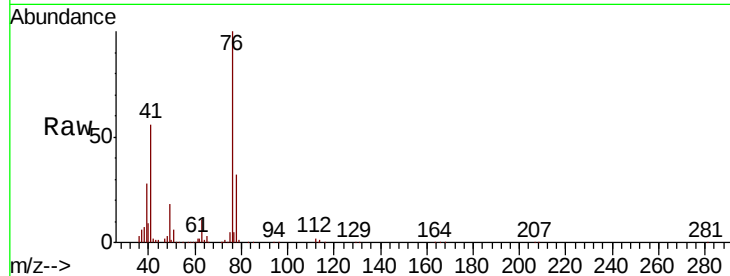
ClientSampleId :

Tot Ion: 76 Resp: 247511

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

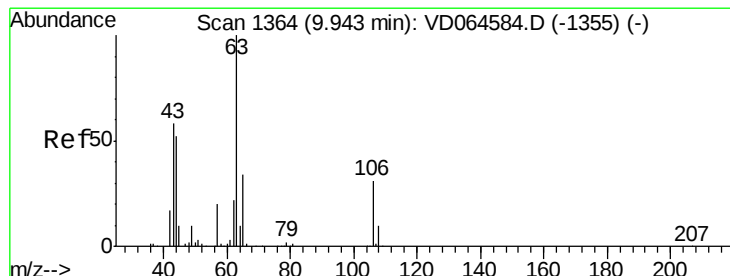
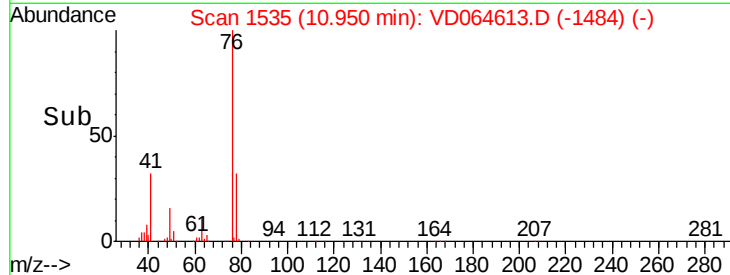
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.729 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064613.D

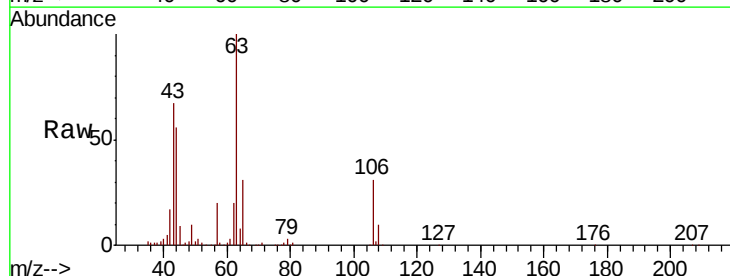
Acq: 26 Dec 2019 22:44

Tgt Ion: 63 Resp: 313088

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

9.94

200000

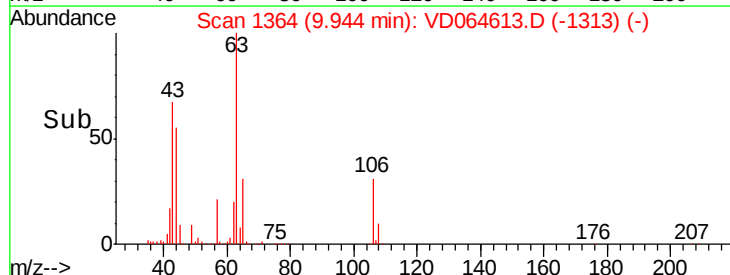
150000

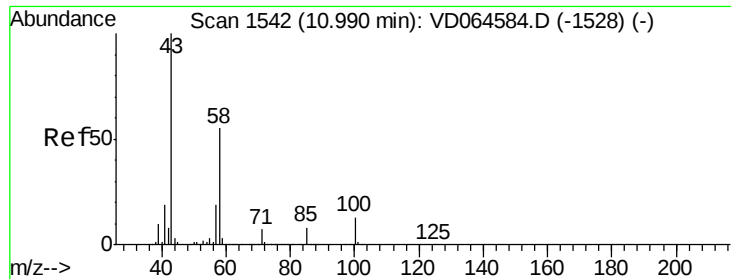
100000

50000

0

Time-->

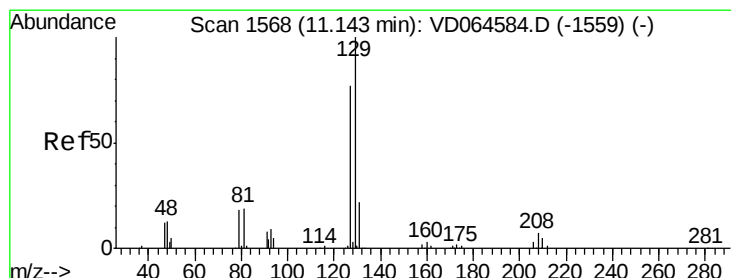
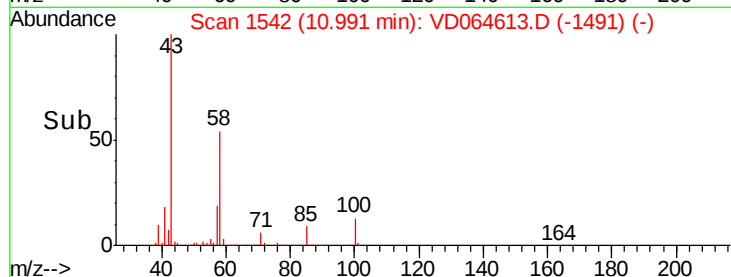
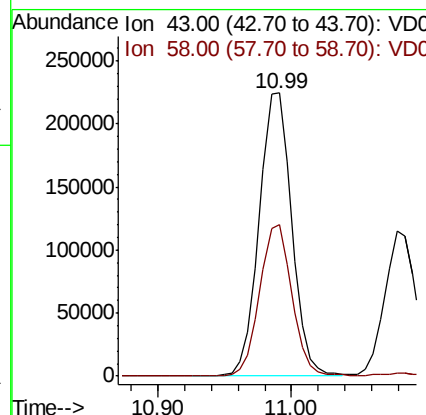
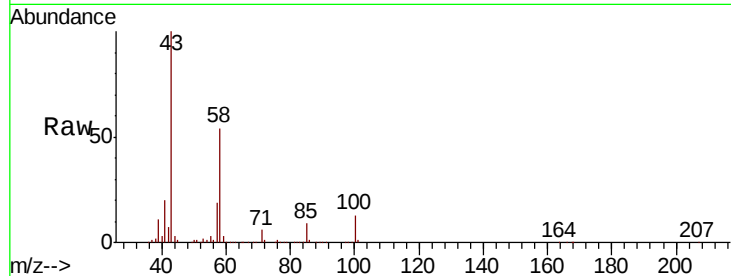




#59  
2-Hexanone  
Concen: 255.149 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

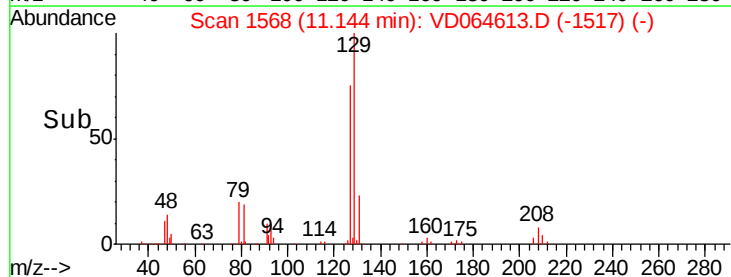
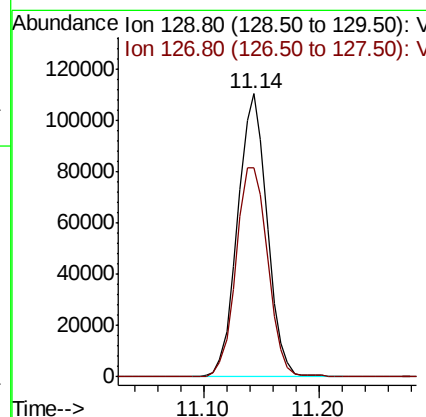
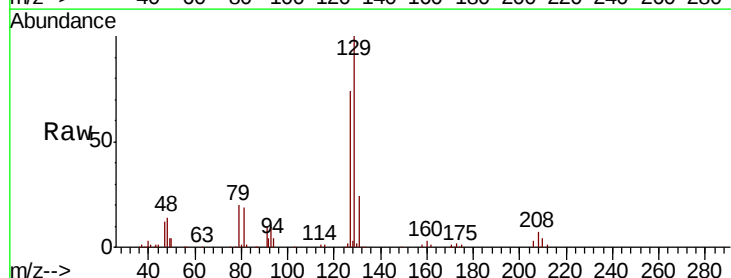
Instrument :  
MSVOA\_D  
ClientSampled :

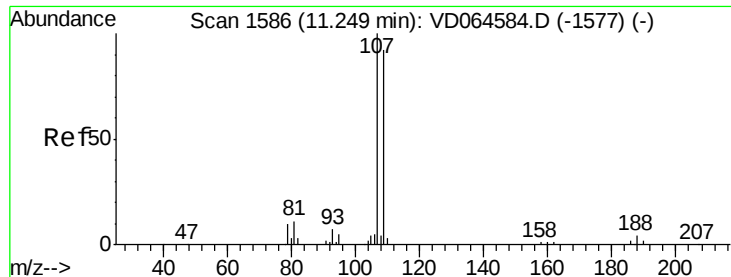
Tot Ion: 43 Resp: 379876  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.4 79.0



#60  
Dibromochloromethane  
Concen: 51.116 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 129 Resp: 196480  
Ion Ratio Lower Upper  
129 100  
127 79.3 38.4 115.2

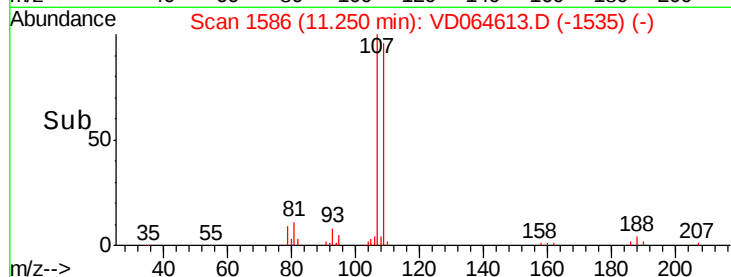
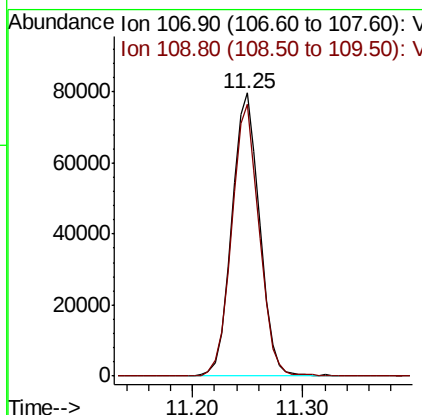
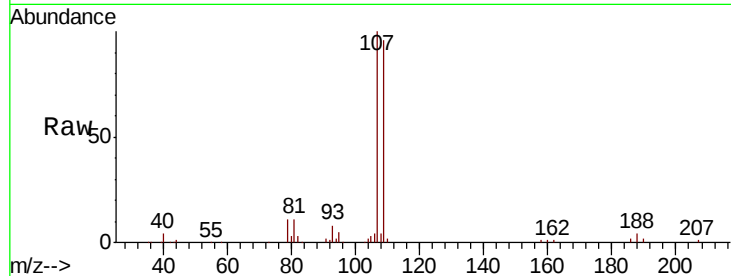




#61  
 1,2-Dibromoethane  
 Concen: 51.301 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

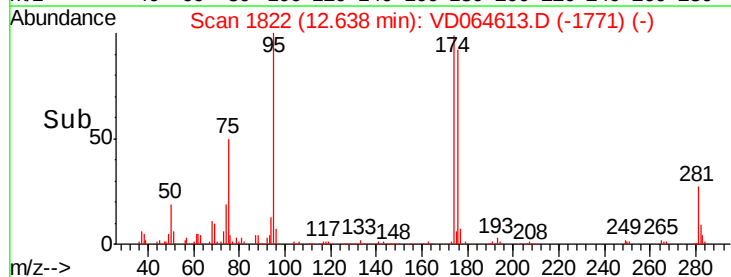
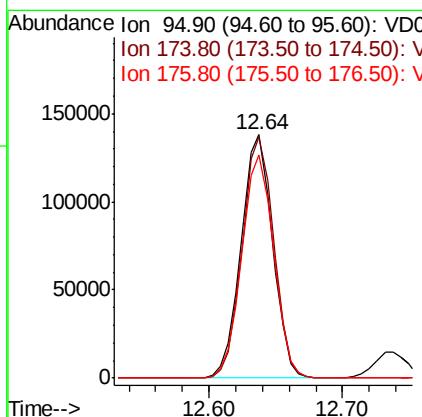
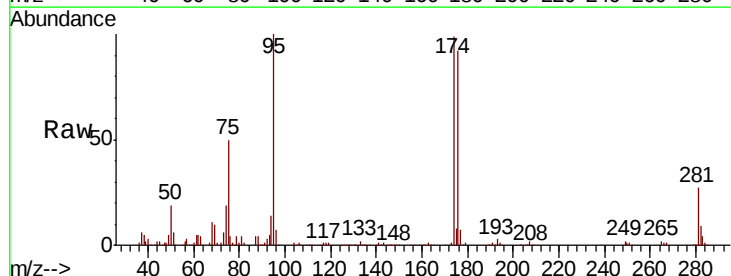
Instrument :  
 MSVOA\_D  
 ClientSampleId :

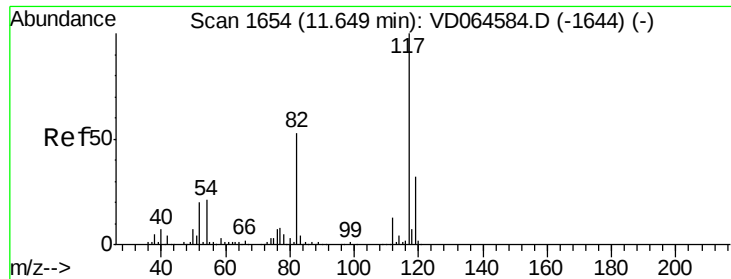
Tot Ion: 107 Resp: 140646  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 51.403 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

Tgt Ion: 95 Resp: 225214  
 Ion Ratio Lower Upper  
 95 100  
 174 99.0 0.0 193.2  
 176 93.0 0.0 184.2

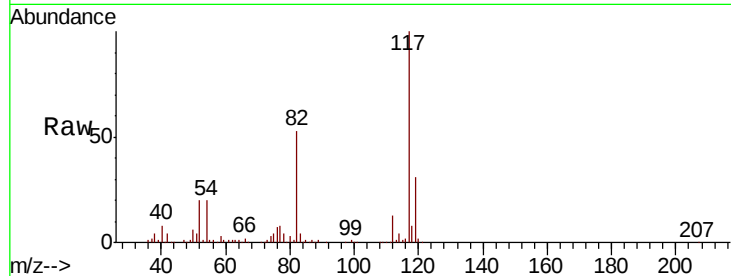




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.1  | 42.2  | 63.4  |
| 119     | 31.4  | 26.0  | 39.0  |

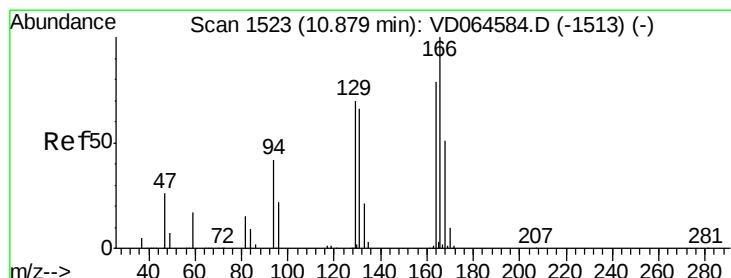
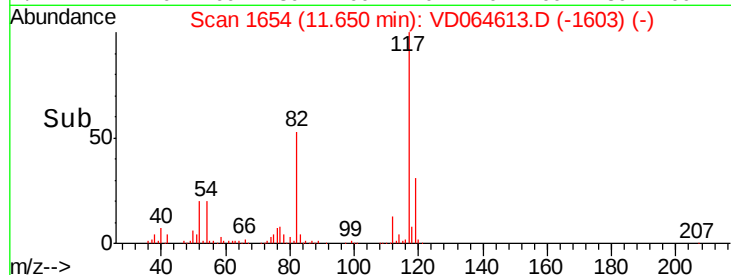
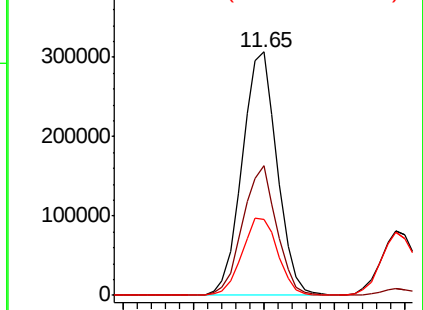


Abundance

Ion 116.90 (116.60 to 117.60): V

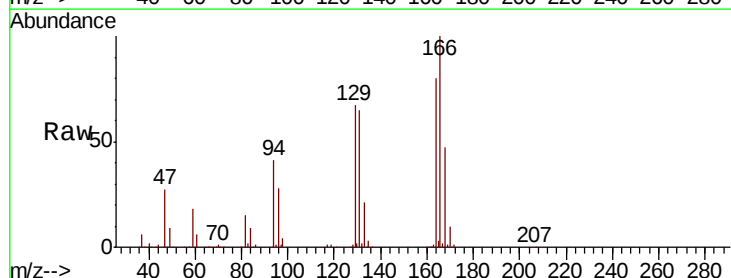
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 49.152 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.6 | 101.3 | 151.9 |
| 129     | 84.3  | 70.5  | 105.7 |
| 131     | 82.0  | 66.6  | 99.8  |



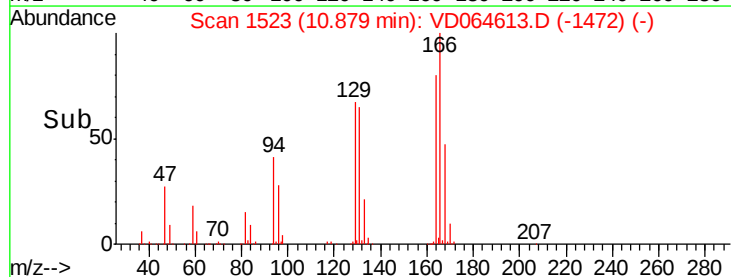
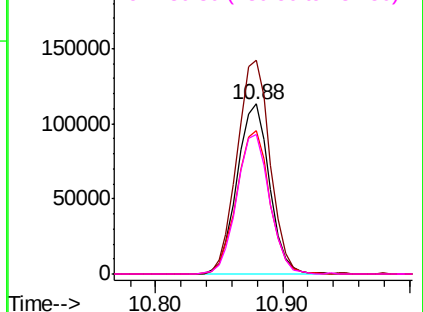
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

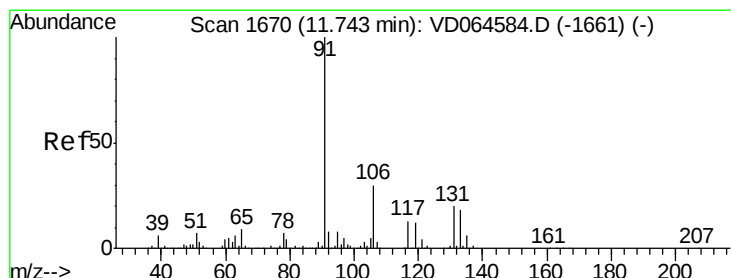
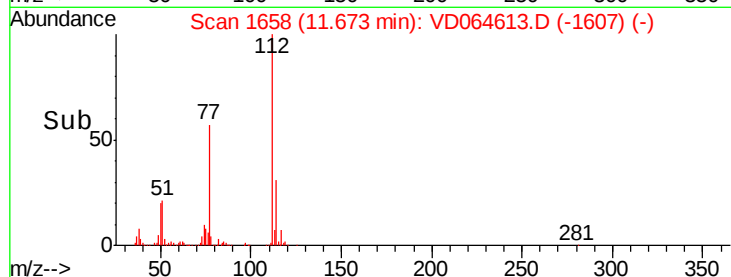
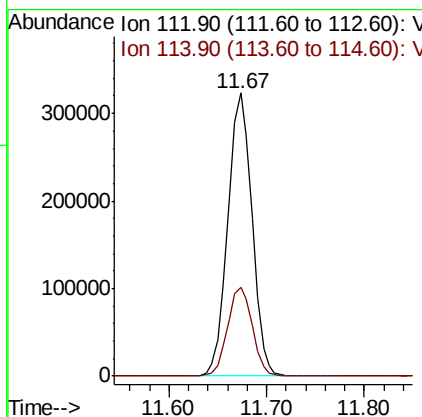
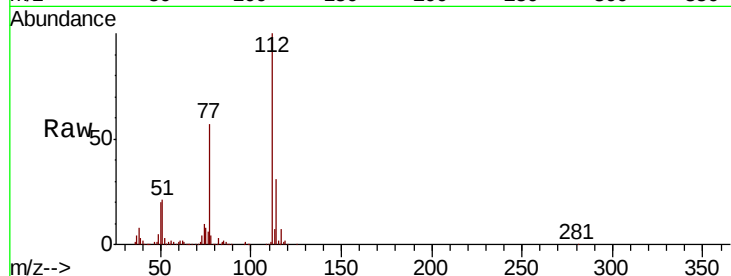




#65  
Chlorobenzene  
Concen: 50.438 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

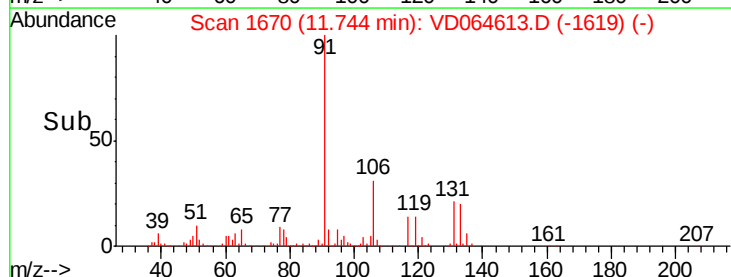
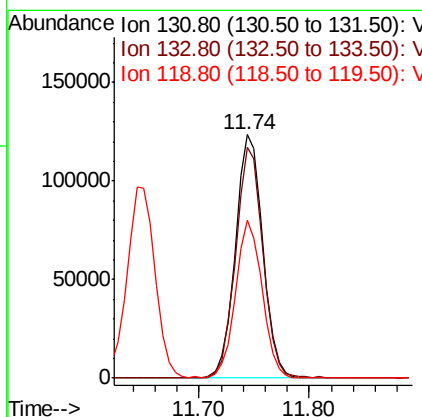
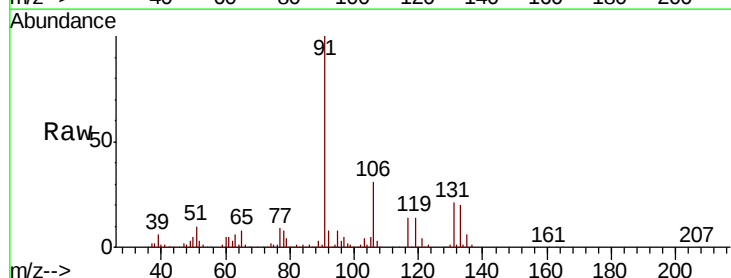
Instrument :  
MSVOA\_D  
ClientSampleId :

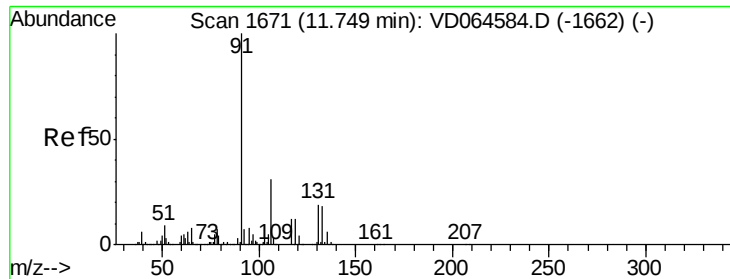
Tot Ion:112 Resp: 556512  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.785 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion:131 Resp: 215402  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.3 144.8  
119 63.3 32.1 96.3





#67

Ethyl Benzene

Concen: 49.945 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

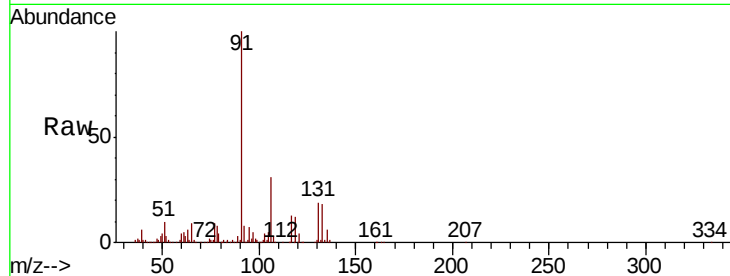
ClientSampled :

Tot Ion: 91 Resp: 1000235

Ion Ratio Lower Upper

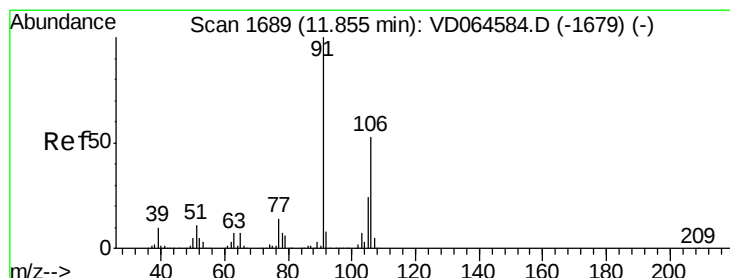
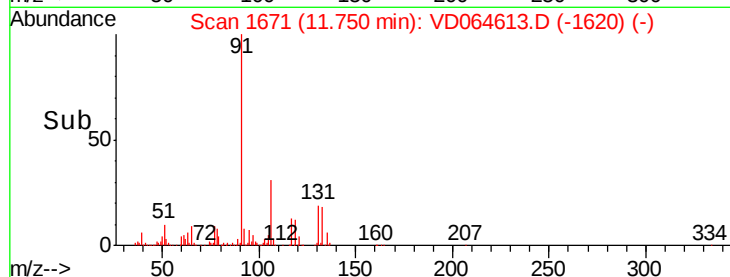
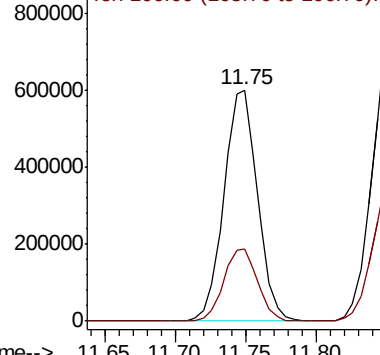
91 100

106 31.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 100.563 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064613.D

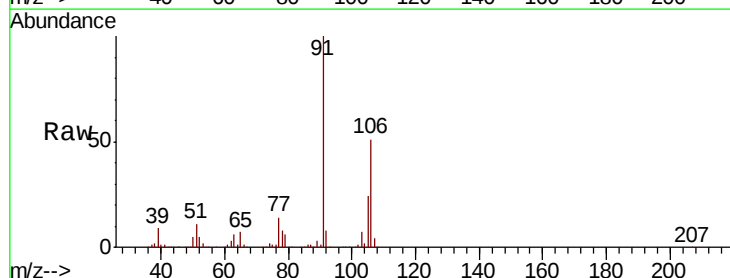
Acq: 26 Dec 2019 22:44

Tgt Ion: 106 Resp: 777341

Ion Ratio Lower Upper

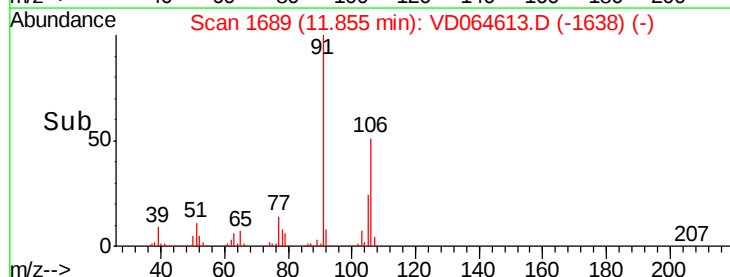
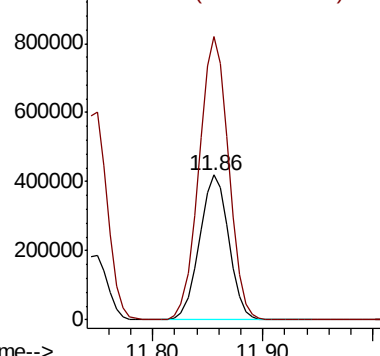
106 100

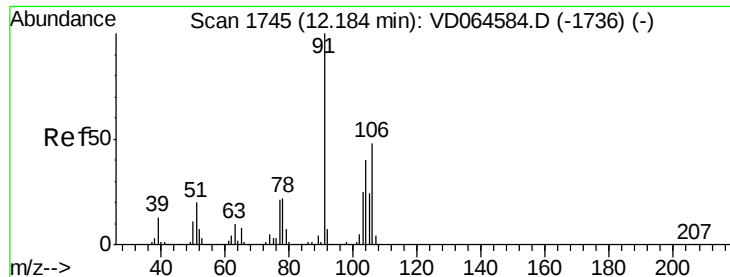
91 197.9 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

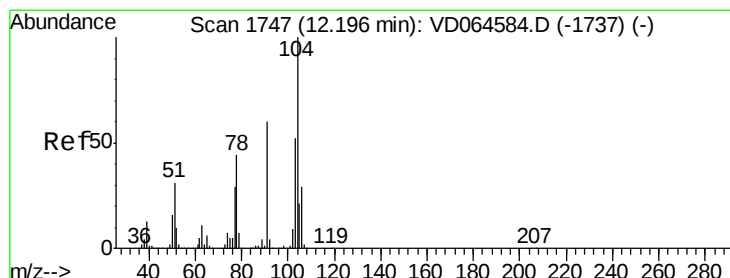
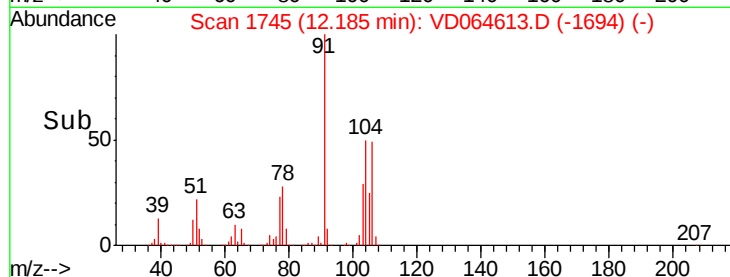
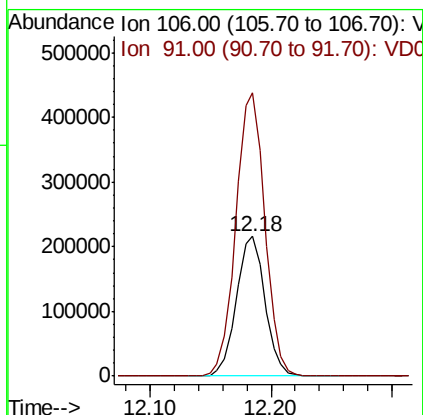
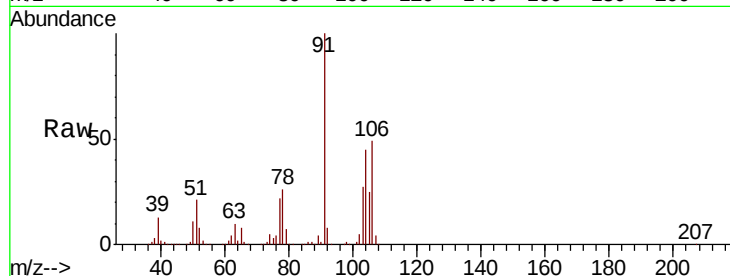




#69  
o-Xylene  
Concen: 51.208 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

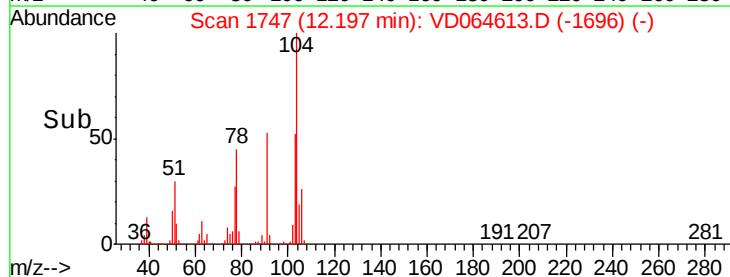
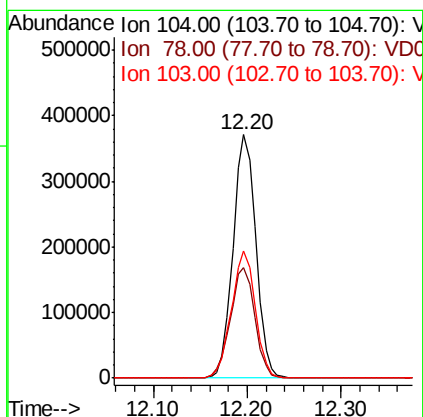
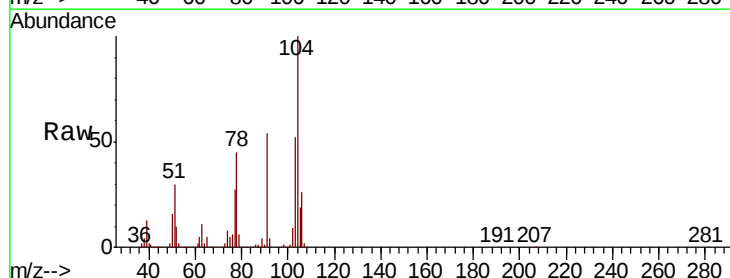
Instrument :  
MSVOA\_D  
ClientSampled :

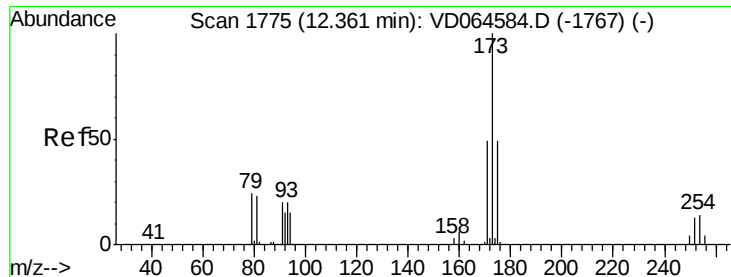
Tot Ion:106 Resp: 357537  
Ion Ratio Lower Upper  
106 100  
91 205.4 104.8 314.4



#70  
Styrene  
Concen: 51.081 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion:104 Resp: 626018  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.2 57.2  
103 54.8 44.6 67.0





#71

Bromoform

Concen: 50.616 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

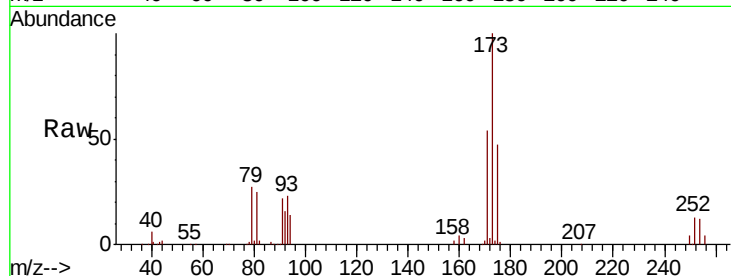
Tot Ion:173 Resp: 120066

Ion Ratio Lower Upper

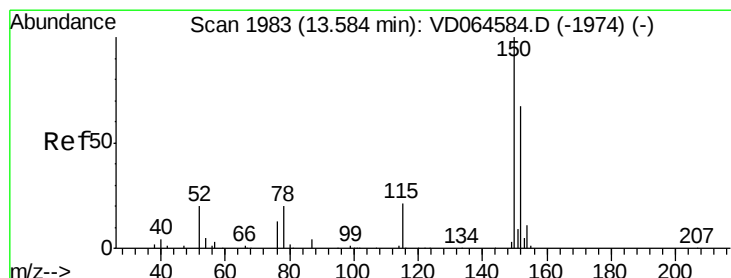
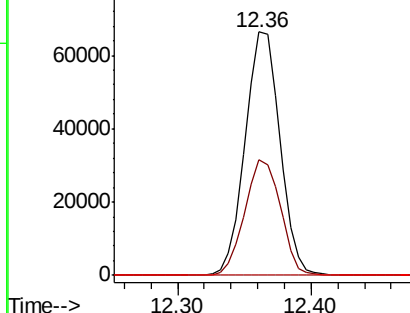
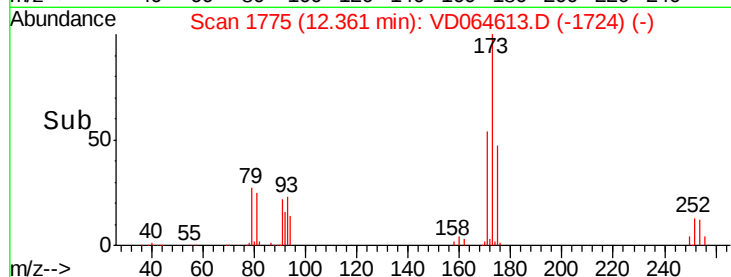
173 100

175 48.5 24.6 73.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

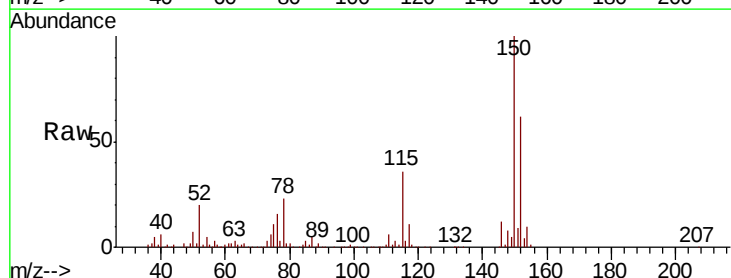
Tgt Ion:152 Resp: 263094

Ion Ratio Lower Upper

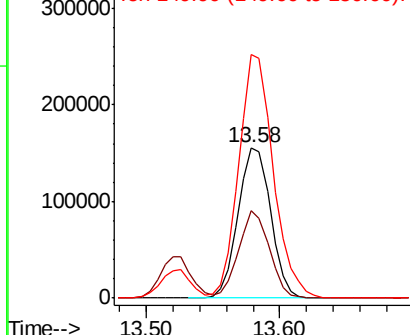
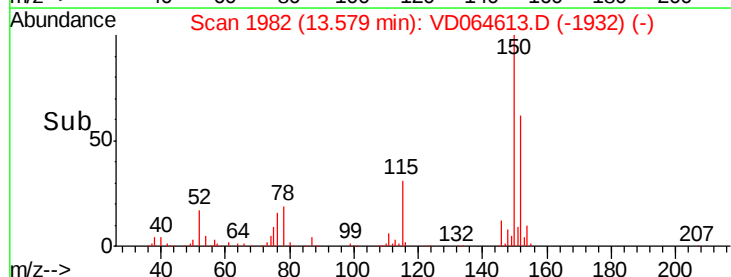
152 100

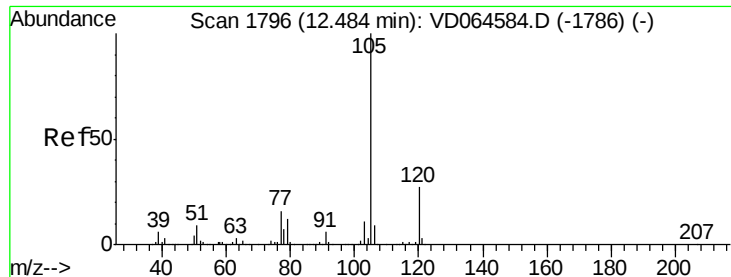
115 54.7 27.8 83.4

150 171.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.325 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

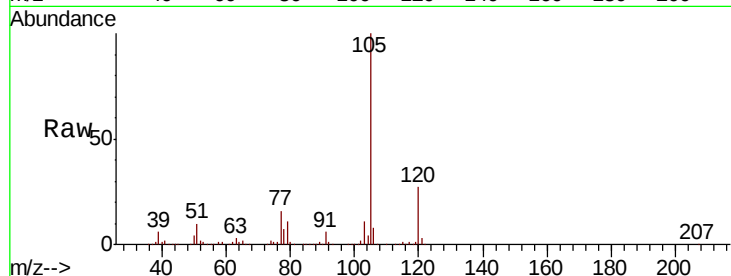
ClientSampleId :

Tot Ion:105 Resp: 946167

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

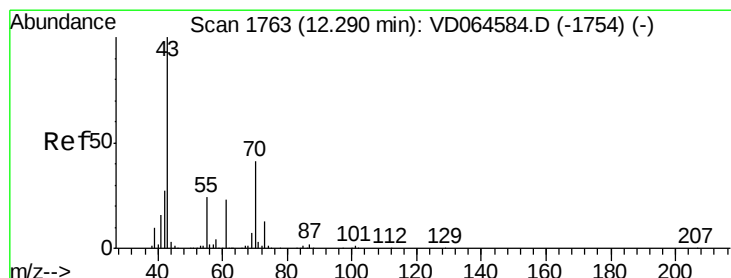
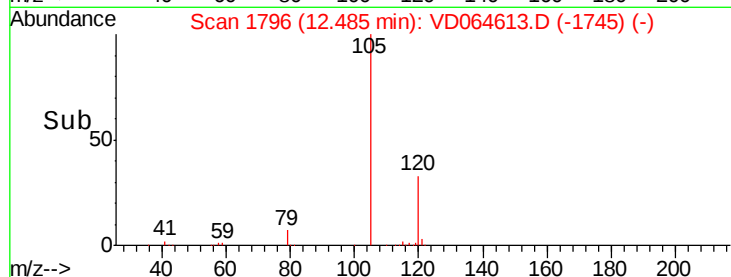
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 52.060 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Tgt Ion: 43 Resp: 209231

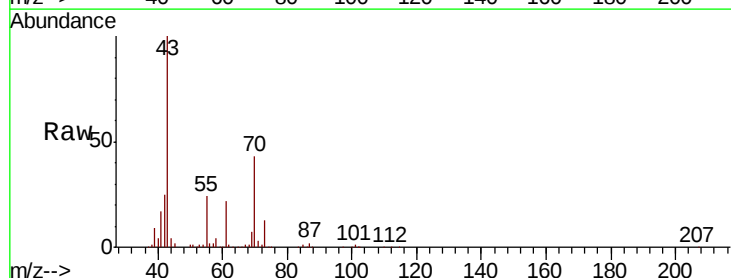
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.0

55 24.5 19.4 29.0

61 23.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

200000

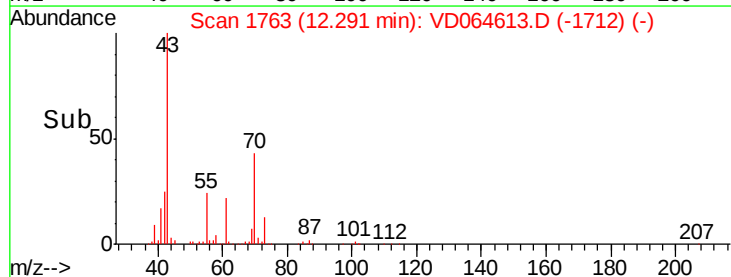
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.422 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampled :

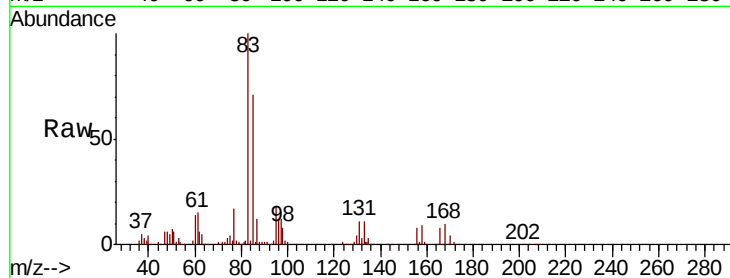
Tot Ion: 83 Resp: 145969

Ion Ratio Lower Upper

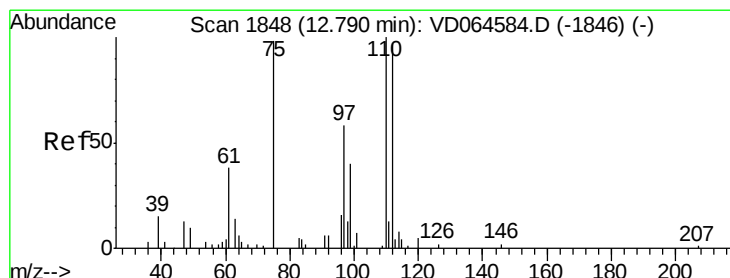
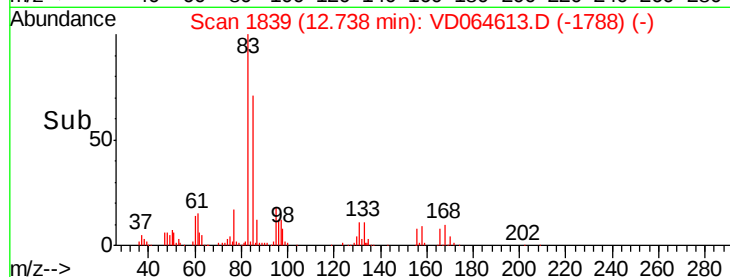
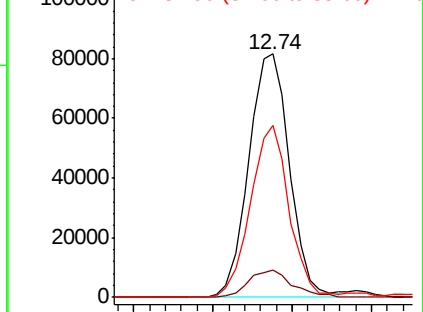
83 100

131 12.0 5.8 17.4

85 66.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 94.141 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064613.D

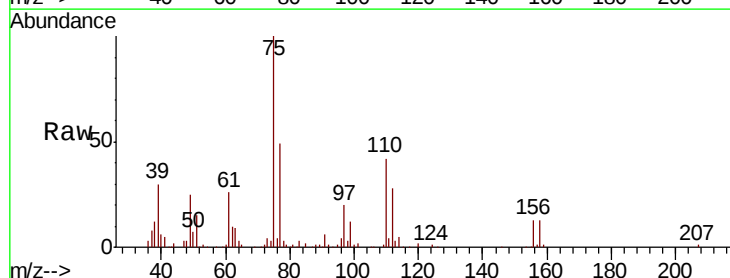
Acq: 26 Dec 2019 22:44

Tgt Ion: 75 Resp: 195582

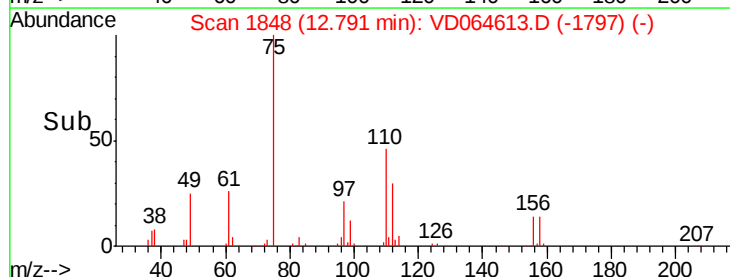
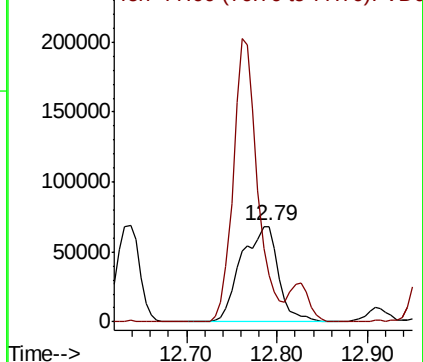
Ion Ratio Lower Upper

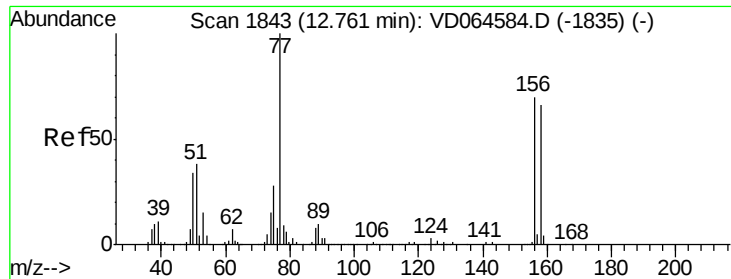
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampled :

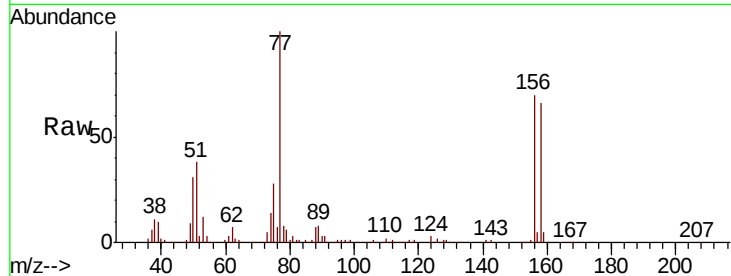
Tot Ion:156 Resp: 237619

Ion Ratio Lower Upper

156 100

77 160.9 80.9 242.7

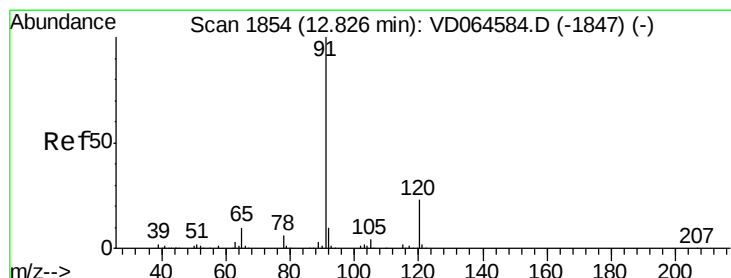
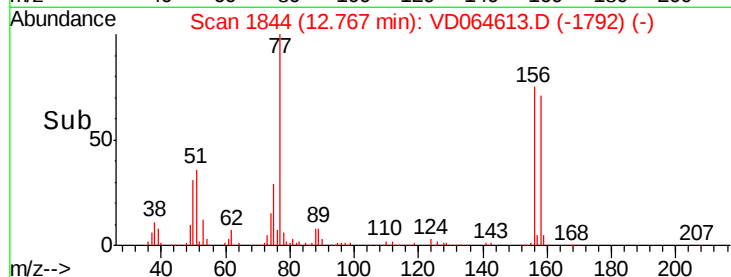
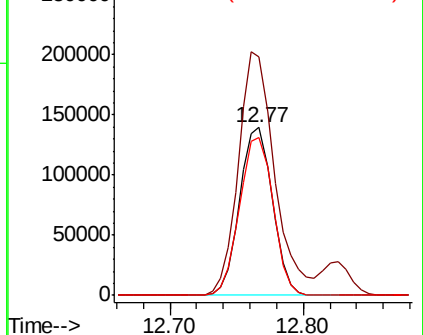
158 96.3 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.116 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064613.D

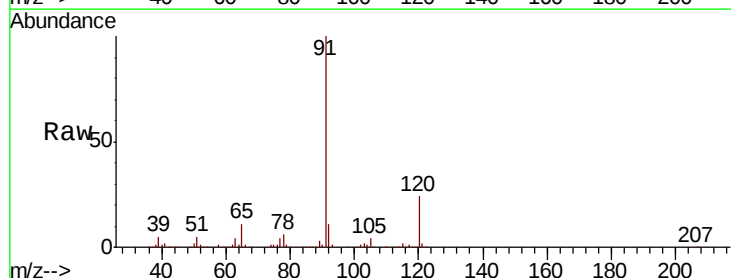
Acq: 26 Dec 2019 22:44

Tgt Ion: 91 Resp: 1099237

Ion Ratio Lower Upper

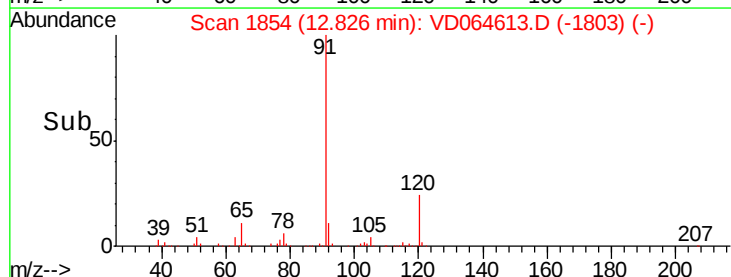
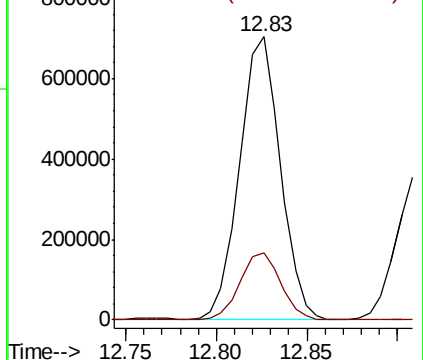
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.307 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

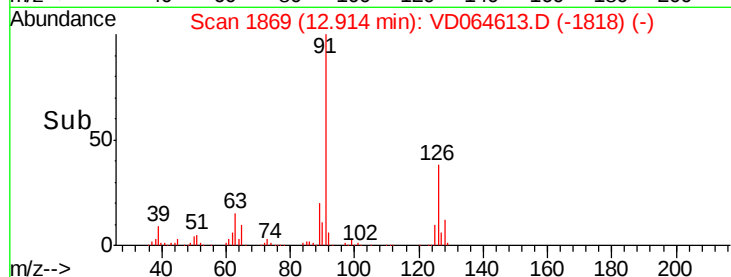
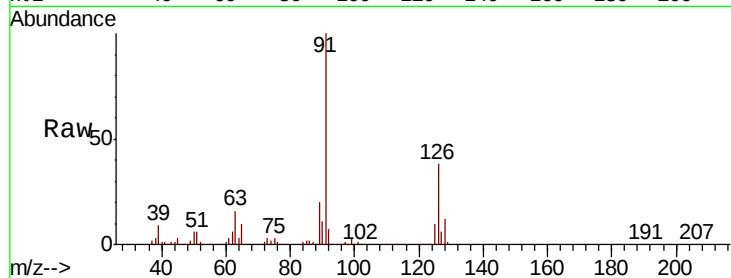
ClientSampleId :

Tot Ion: 91 Resp: 606165

Ion Ratio Lower Upper

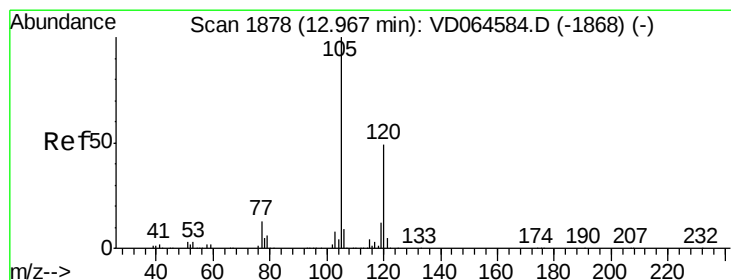
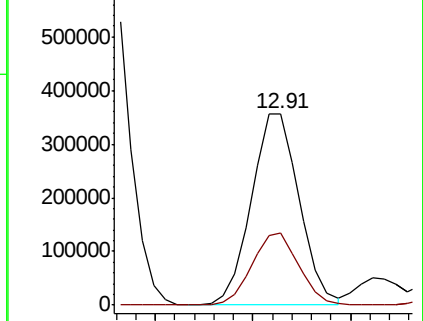
91 100

126 36.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.449 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064613.D

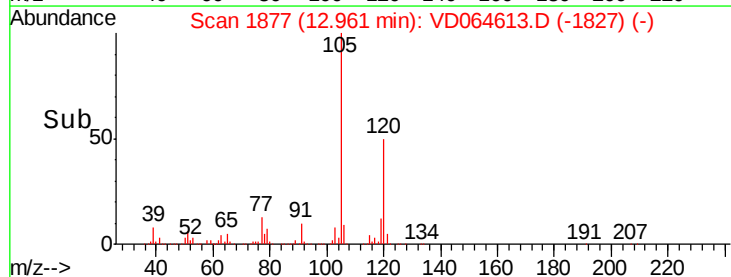
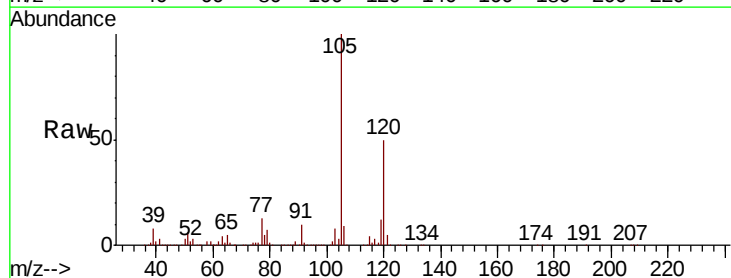
Acq: 26 Dec 2019 22:44

Tgt Ion: 105 Resp: 779156

Ion Ratio Lower Upper

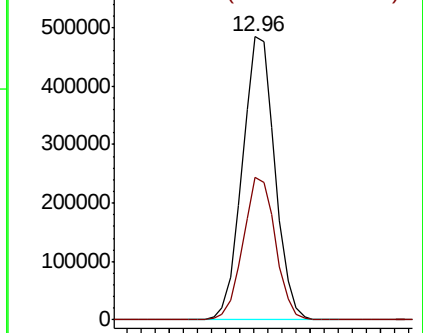
105 100

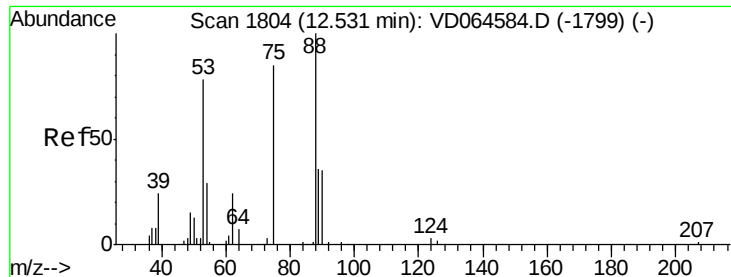
120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.695 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

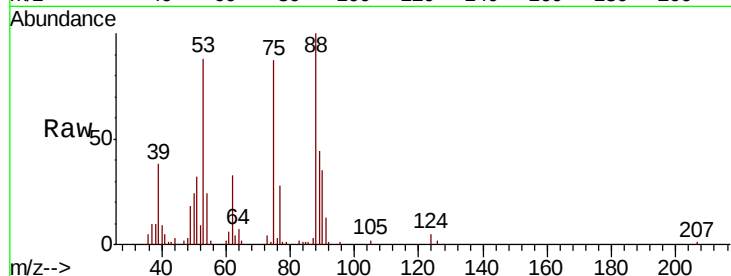
Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 75 Resp: 49364

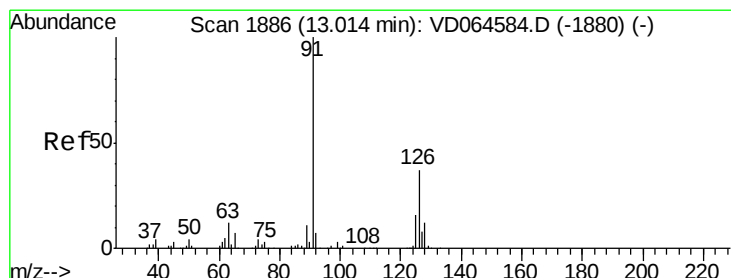
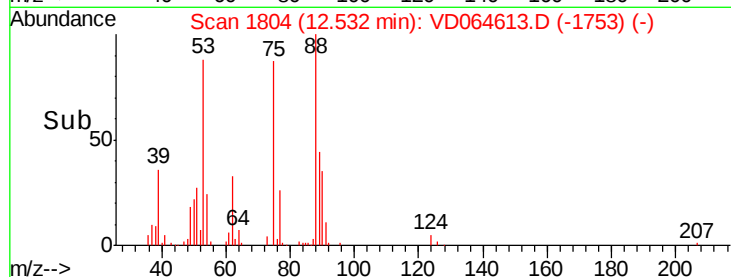
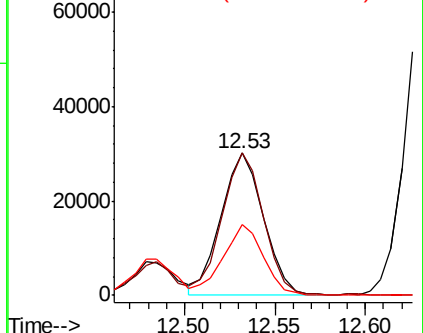
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 97.4  | 78.8  | 118.2 |
| 89  | 47.4  | 38.3  | 57.5  |



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.552 ug/l

RT: 13.01 min Scan# 1885

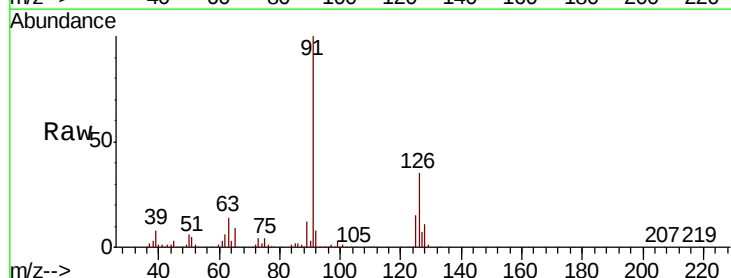
Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

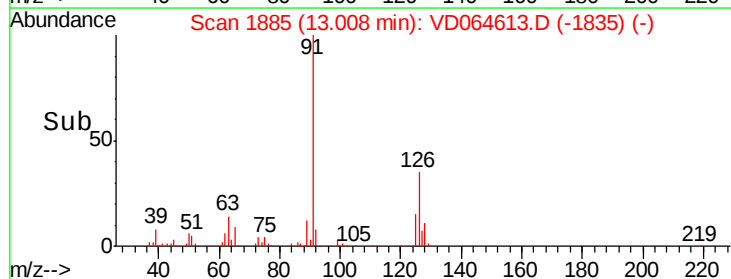
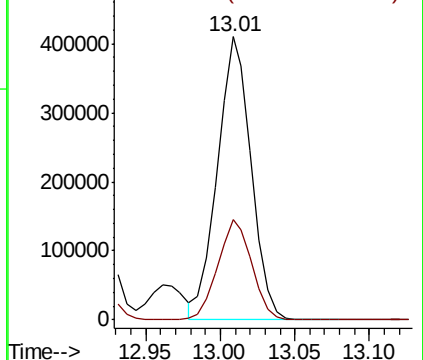
Tgt Ion: 91 Resp: 648211

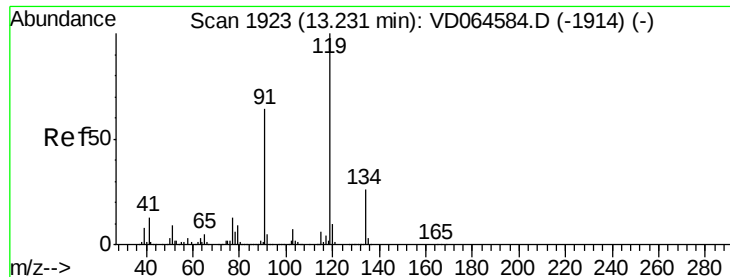
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 35.7  | 17.8  | 53.5  |



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.689 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

ClientSampleId :

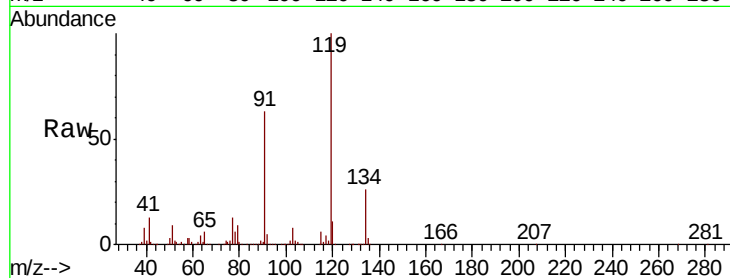
Tot Ion:119 Resp: 679711

Ion Ratio Lower Upper

119 100

91 61.3 30.8 92.4

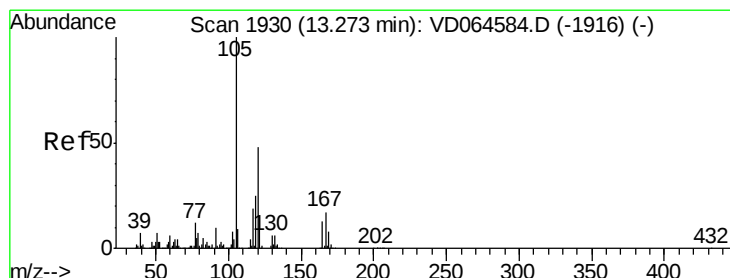
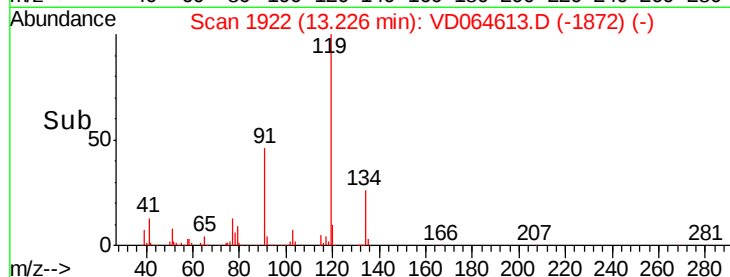
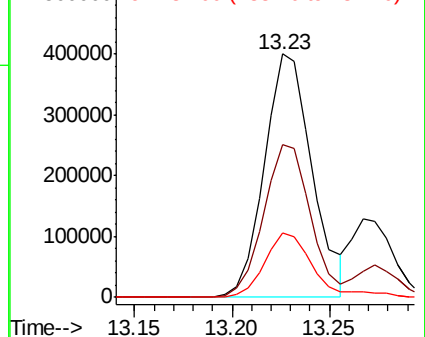
134 27.1 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): 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: 50.941 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064613.D

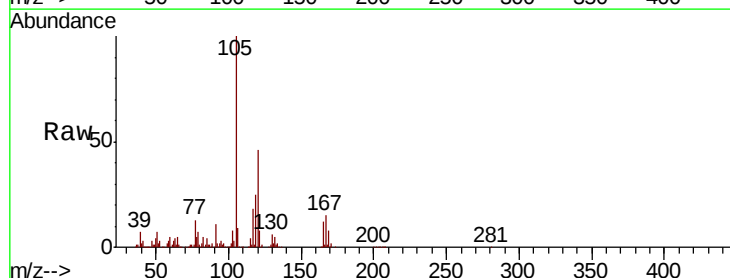
Acq: 26 Dec 2019 22:44

Tgt Ion:105 Resp: 783554

Ion Ratio Lower Upper

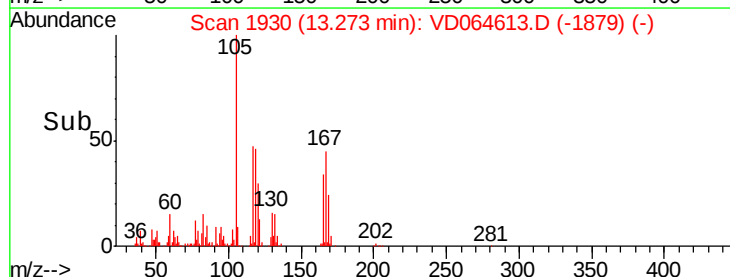
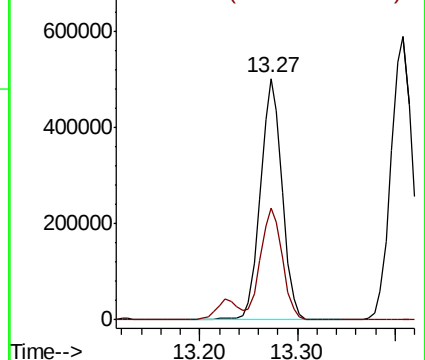
105 100

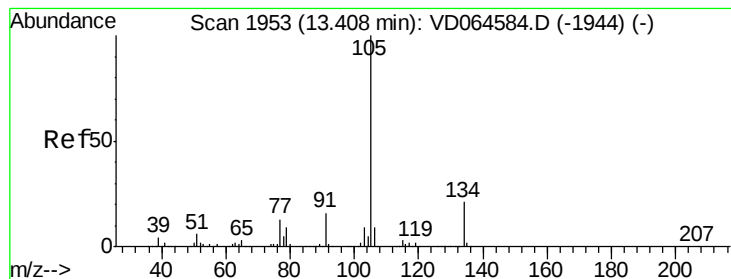
120 47.1 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.444 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

Instrument :

MSVOA\_D

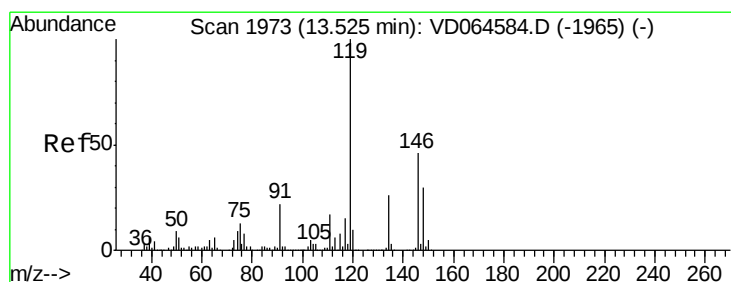
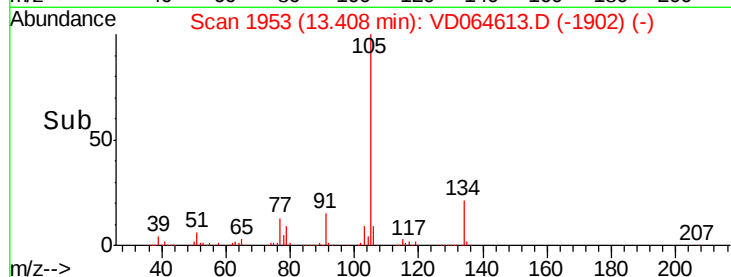
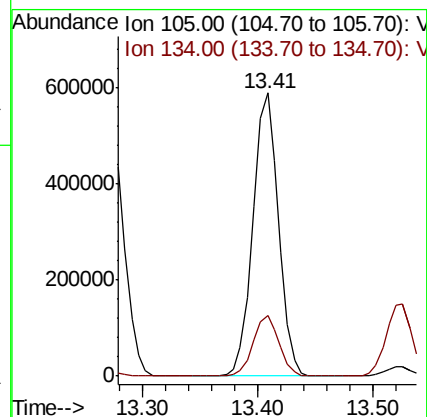
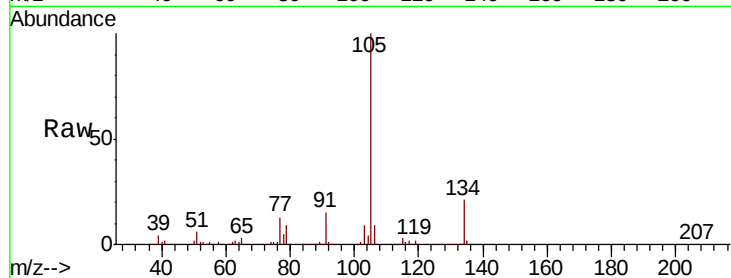
ClientSampleId :

Tot Ion:105 Resp: 908963

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 49.896 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064613.D

Acq: 26 Dec 2019 22:44

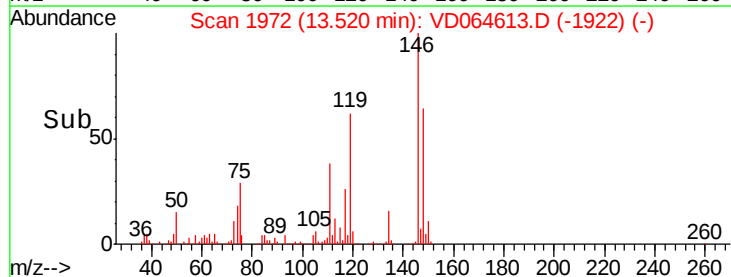
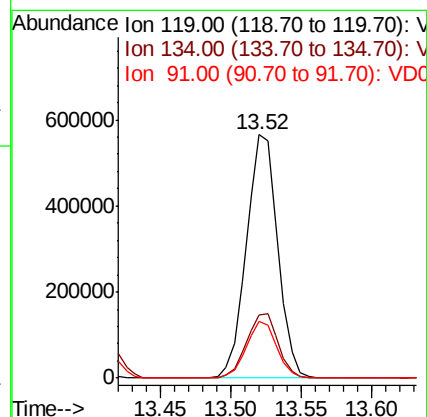
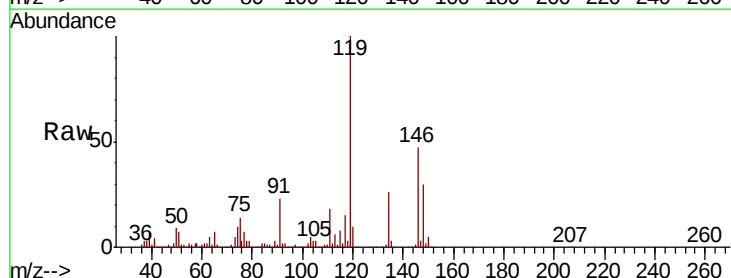
Tgt Ion:119 Resp: 877087

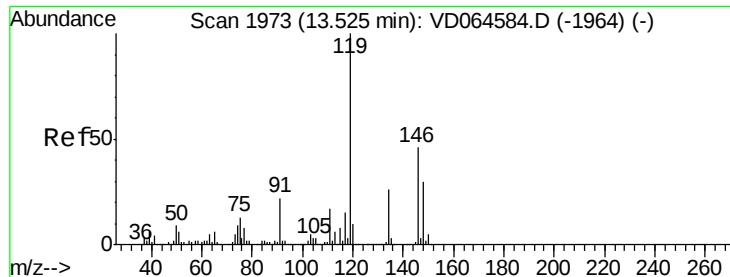
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.4 11.2 33.6

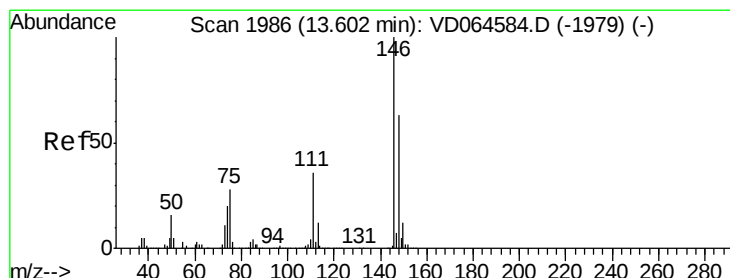
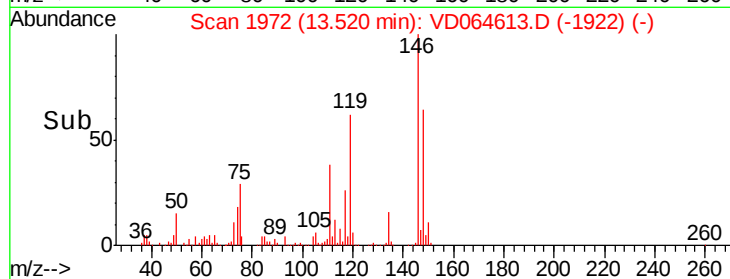
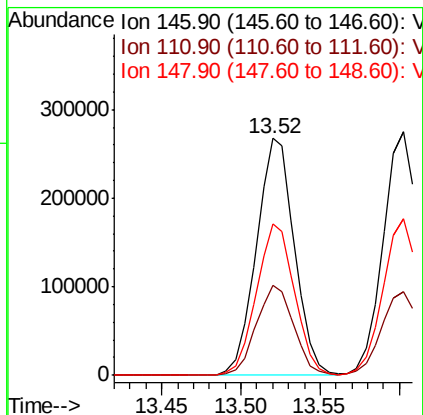
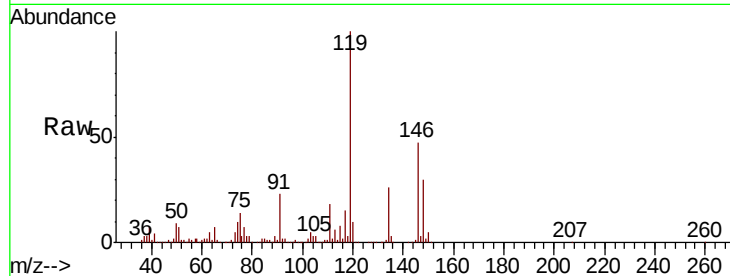




#87  
 1,3-Dichlorobenzene  
 Concen: 50.630 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

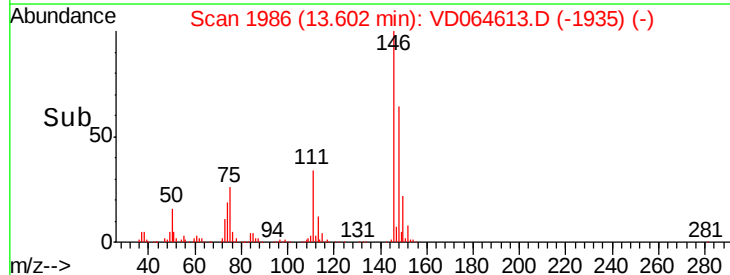
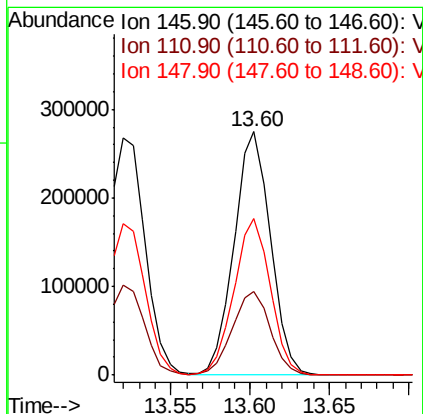
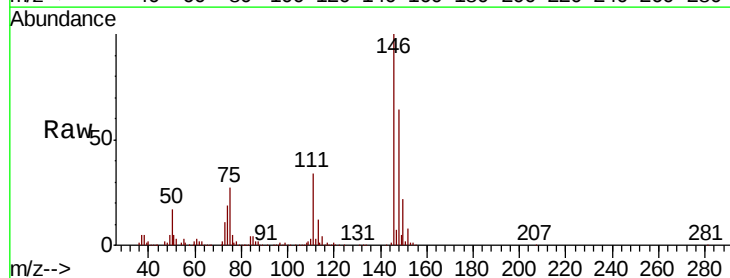
Instrument :  
 MSVOA\_D  
 ClientSampleId :

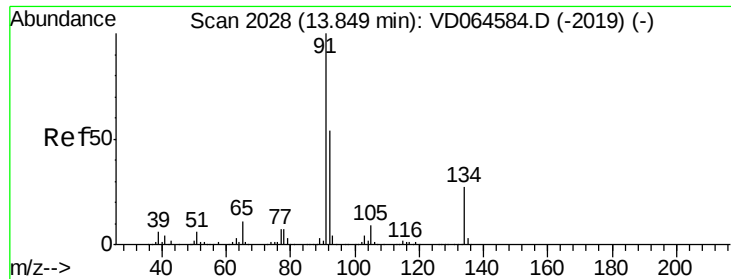
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.8  | 56.4  |
| 148     | 63.8  | 32.5  | 97.5  |



#88  
 1,4-Dichlorobenzene  
 Concen: 50.759 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.7  | 18.1  | 54.1  |
| 148     | 64.2  | 32.3  | 96.9  |

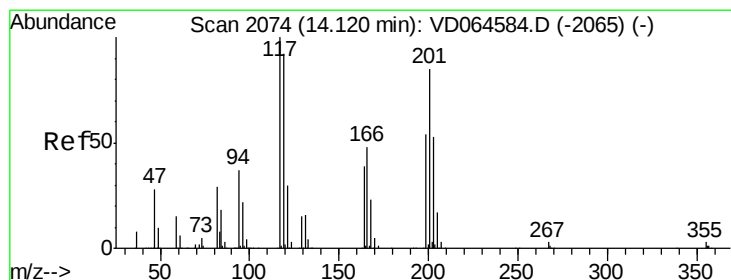
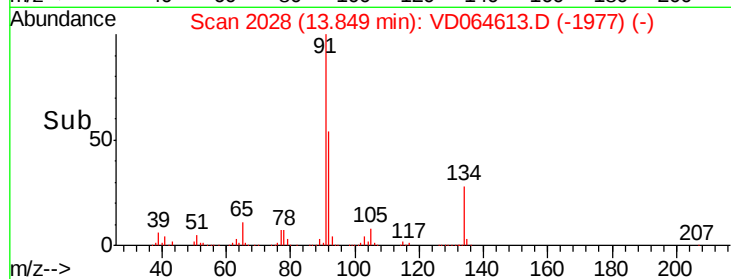
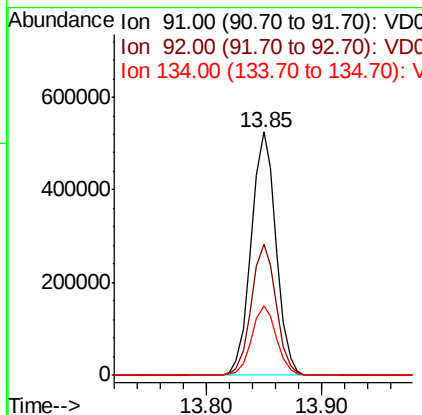
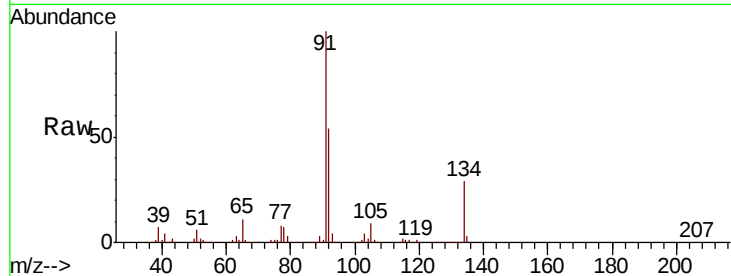




#89  
n-Butylbenzene  
Concen: 49.723 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

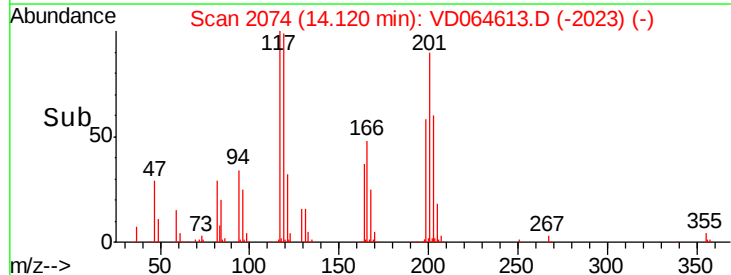
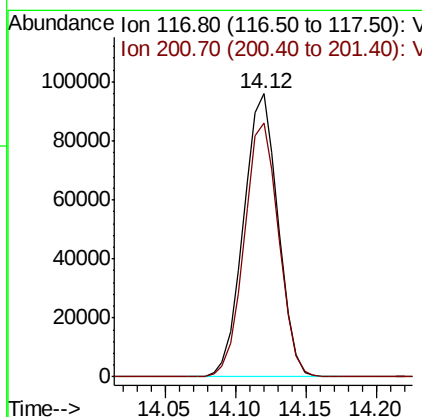
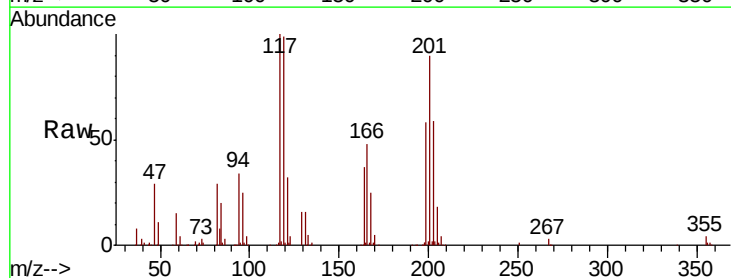
Instrument :  
MSVOA\_D  
ClientSampleId :

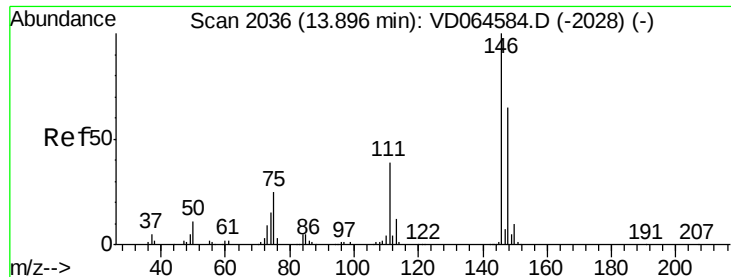
Tot Ion: 91 Resp: 787110  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.8 80.4  
134 28.4 14.0 41.9



#90  
Hexachloroethane  
Concen: 49.003 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion: 117 Resp: 164543  
Ion Ratio Lower Upper  
117 100  
201 89.5 44.0 131.8

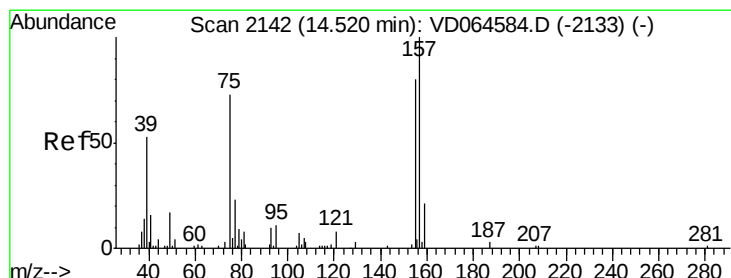
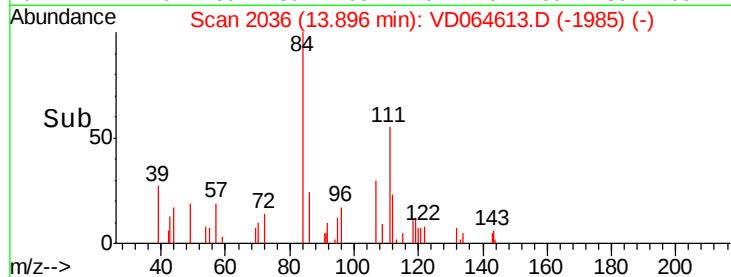
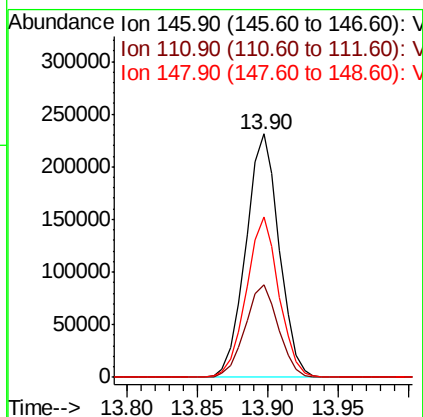
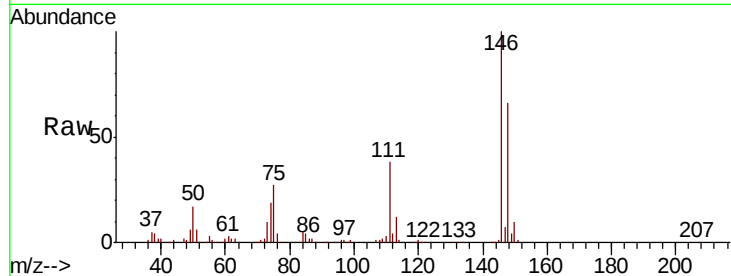




#91  
 1,2-Dichlorobenzene  
 Concen: 50.850 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

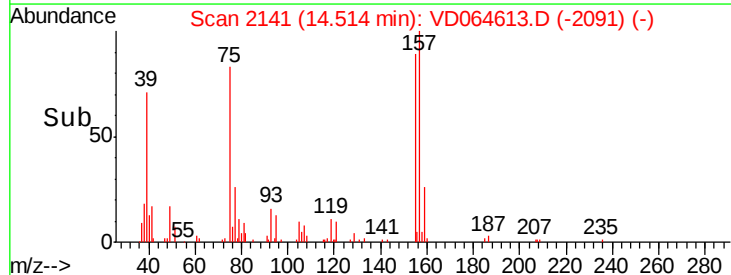
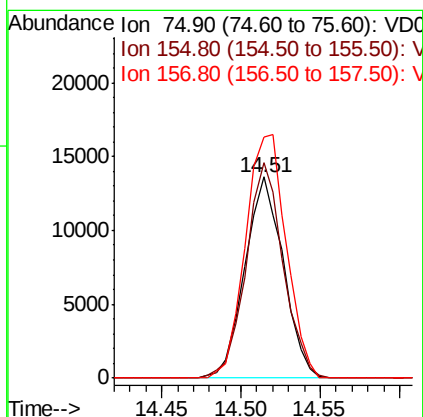
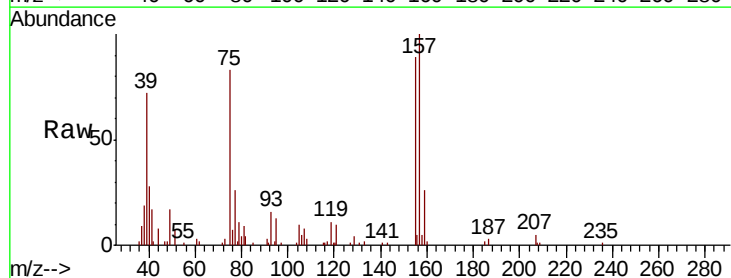
Instrument :  
 MSVOA\_D  
 ClientSampleId :

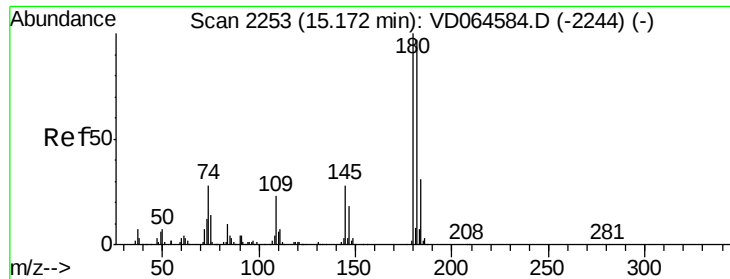
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.3  | 57.9  |
| 148     | 64.3  | 31.9  | 95.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.952 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.5 | 48.0  | 144.0 |
| 157     | 128.5 | 64.1  | 192.3 |

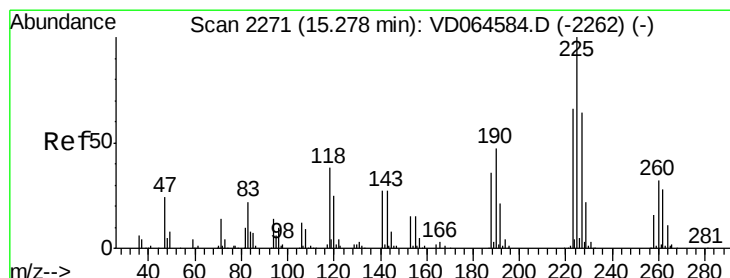
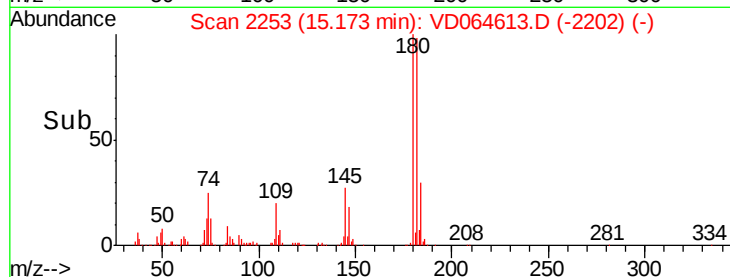
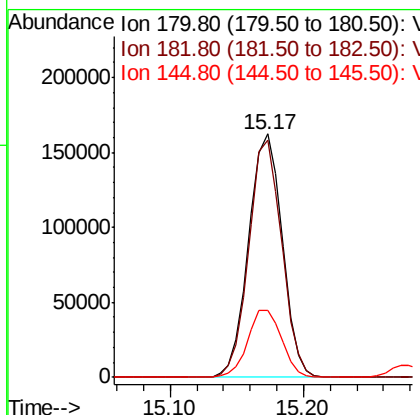
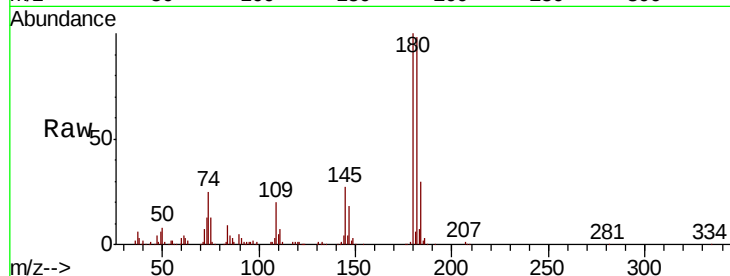




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.888 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

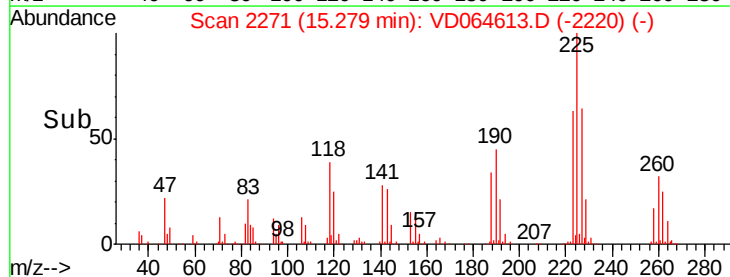
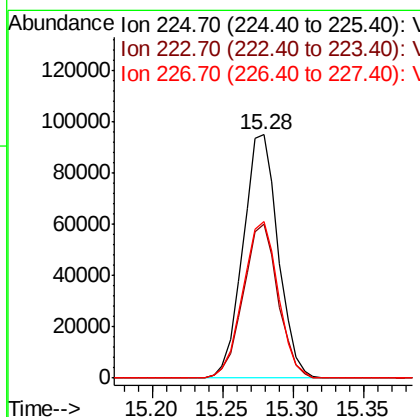
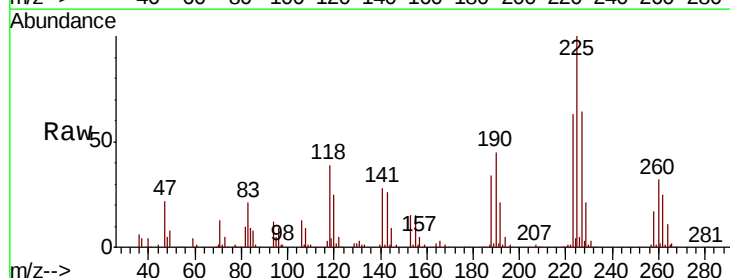
Instrument :  
 MSVOA\_D  
 ClientSampleId :

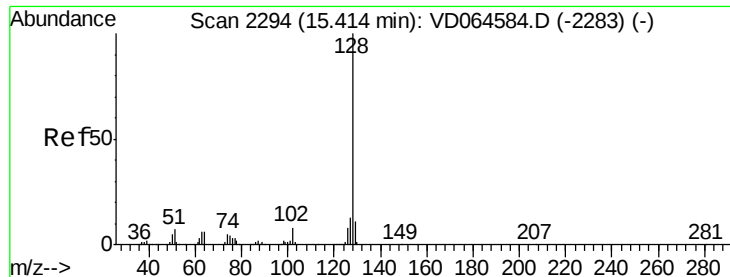
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 48.0  | 144.2 |
| 145     | 27.9  | 13.8  | 41.4  |



#94  
 Hexachlorobutadiene  
 Concen: 47.524 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD064613.D  
 Acq: 26 Dec 2019 22:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 31.1  | 93.2  |
| 227     | 64.9  | 30.9  | 92.7  |

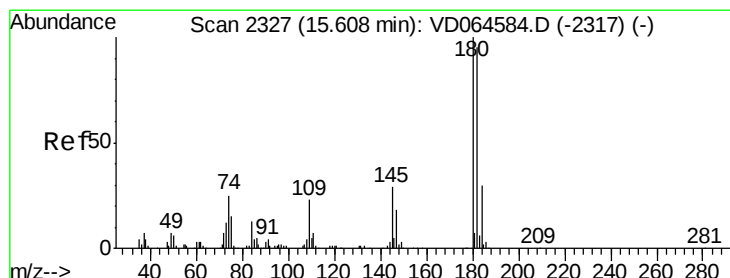
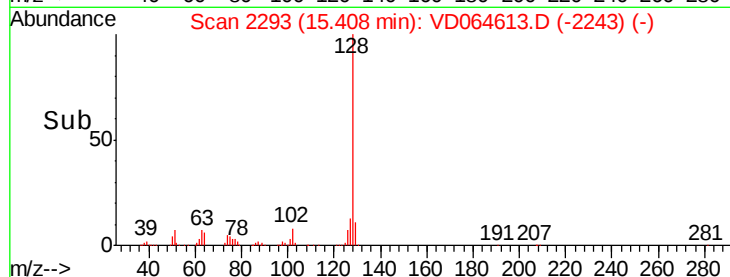
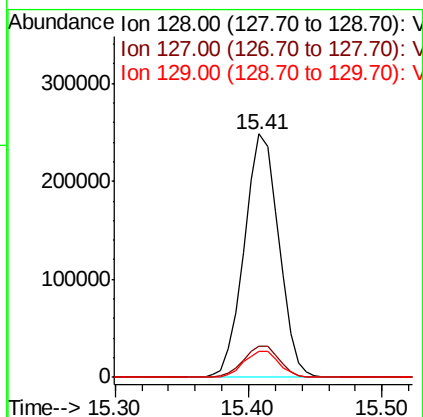
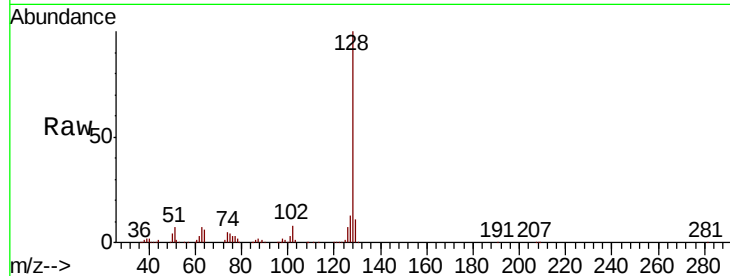




#95  
Naphthalene  
Concen: 50.759 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 444021  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 11.0 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 50.213 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: VD064613.D  
Acq: 26 Dec 2019 22:44

Tgt Ion:180 Resp: 237030  
Ion Ratio Lower Upper  
180 100  
182 97.0 47.9 143.7  
145 29.4 14.9 44.7

