

Data File : VD064496.D  
Acq On : 11 Dec 2019 12:53  
Operator : VA/SY  
Sample : VD1211SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Quant Time: Dec 12 03:04:28 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 29 07:18:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 432996   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 635583   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 569423   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 287379   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 207224   | 52.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.74% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 213904   | 53.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.84% |      |
| 50) Toluene-d8            | 10.34  | 98  | 813830   | 53.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.90% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 256758   | 52.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.92% |      |

#### Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 80883  | 20.616  | ug/l   | 93     |
| 3) Chloromethane              | 2.21 | 50  | 102184 | 20.650  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.35 | 62  | 124946 | 21.868  | ug/l   | 97     |
| 5) Bromomethane               | 2.76 | 94  | 86361  | 20.439  | ug/l   | 91     |
| 6) Chloroethane               | 2.92 | 64  | 83351  | 21.826  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 206982 | 21.792  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.71 | 74  | 40374  | 20.456  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 88299  | 21.681  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.29 | 142 | 93610  | 21.766  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.25 | 59  | 23869  | 95.675  | ug/l # | 100    |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 83231  | 21.326  | ug/l   | 96     |
| 13) Acrolein                  | 3.92 | 56  | 27829  | 81.781  | ug/l   | 91     |
| 14) Allyl chloride            | 4.71 | 41  | 124960 | 20.516  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.43 | 53  | 85611  | 99.190  | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 75769  | 95.668  | ug/l   | 90     |
| 17) Carbon Disulfide          | 4.40 | 76  | 258194 | 20.888  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.73 | 43  | 46579  | 20.162  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 182252 | 20.358  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.97 | 84  | 100405 | 22.505  | ug/l   | 85     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 92508  | 20.955  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.37 | 45  | 249736 | 20.770  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43  | 715209 | 100.896 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 154955 | 21.429  | ug/l   | 97     |
| 25) 2-Butanone                | 7.22 | 43  | 108797 | 97.135  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 135750 | 21.587  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 103783 | 21.563  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.55 | 49  | 39954  | 16.168  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.57 | 42  | 68263  | 95.794  | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 160451 | 21.425  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56  | 147106 | 20.604  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 147149 | 21.194  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 127825 | 21.263  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.31 | 43  | 49181  | 19.280  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 138849 | 21.883  | ug/l   | 98     |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Quant Time: Dec 12 03:04:28 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 29 07:18:03 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 153640   | 20.603  | ug/l   | 96       |
| 40) Benzene                    | 8.35  | 78   | 351492   | 21.051  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.53  | 41   | 29934    | 20.462  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 101088   | 20.760  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 96824    | 19.305  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 105273   | 20.931  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 86600    | 21.687  | ug/l # | 88       |
| 46) Dibromomethane             | 9.48  | 93   | 46984    | 20.847  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 126285   | 21.807  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.46  | 41   | 46143    | 20.105  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 10843    | 389.602 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 244371   | 98.471  | ug/l   | 100      |
| 52) Toluene                    | 10.40 | 92   | 232627   | 21.378  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 114488   | 20.744  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 139867   | 21.333  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 62725    | 20.325  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 78761    | 20.010  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 108574   | 20.668  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 167929   | 107.024 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 163512   | 94.955  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 87560    | 20.926  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 60618    | 19.673  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 90789    | 20.908  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 241779   | 20.358  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 92526    | 21.046  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 433770   | 20.528  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 336036   | 41.708  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 151570   | 20.370  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 263813   | 20.402  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 52578    | 19.989  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.48 | 105  | 419854   | 20.314  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 86756    | 18.494  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 66900    | 19.573  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 87548    | 37.045  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 103920   | 20.360  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 488755   | 20.495  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 263478   | 20.079  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 341385   | 20.212  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 20975    | 19.353  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 280919   | 20.220  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 291311   | 19.839  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 342104   | 20.143  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 409643   | 20.326  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 386653   | 20.322  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 194096   | 20.036  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 193999   | 20.284  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 349453   | 20.225  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 75231    | 21.140  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 165513   | 19.992  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11661    | 20.224  | ug/l   | 85       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD121119\  
Quantitation Report (Not Reviewed)

Data File : VD064496.D  
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Operator : VA/SY  
Sample : VD1211SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Quant Time: Dec 12 03:04:28 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 29 07:18:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 126092   | 19.887 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 77509    | 19.802 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 195986   | 18.522 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 105779   | 19.544 | ug/l  | 99       |

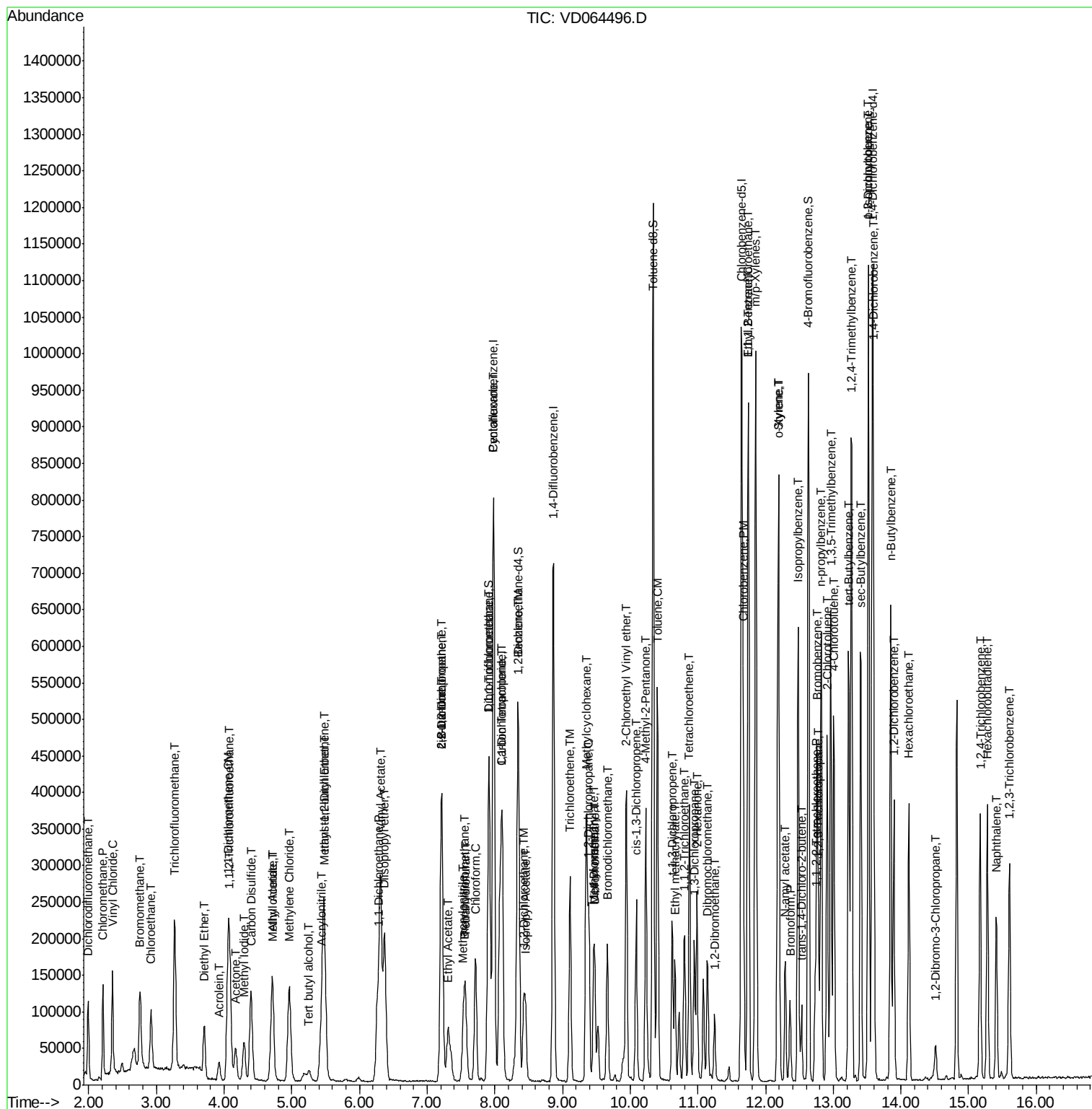
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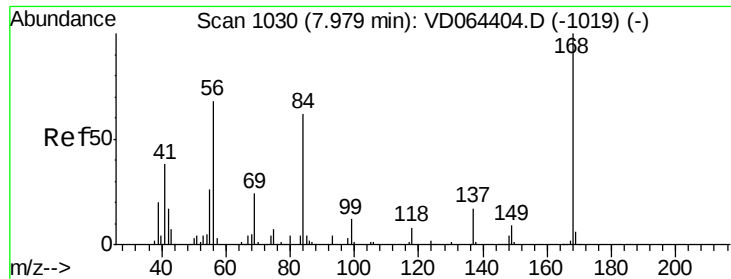
Data File : VD064496.D

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Acq On       : 11 Dec 2019 12:53
Operator    : VA/SY
Sample      : VD1211SBS01
Misc       : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
VD1211SBSD01

Quant Time: Dec 12 03:04:28 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D112719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 29 07:18:03 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

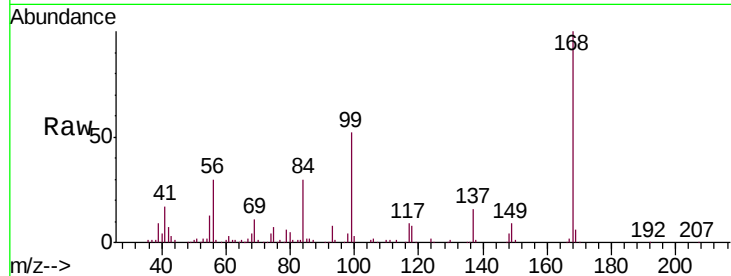
VD1211SBSD01

Tgt Ion:168 Resp: 432996

Ion Ratio Lower Upper

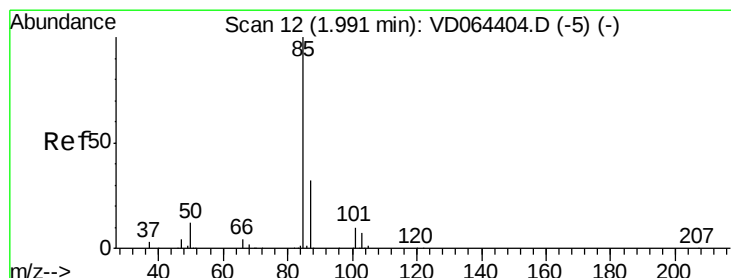
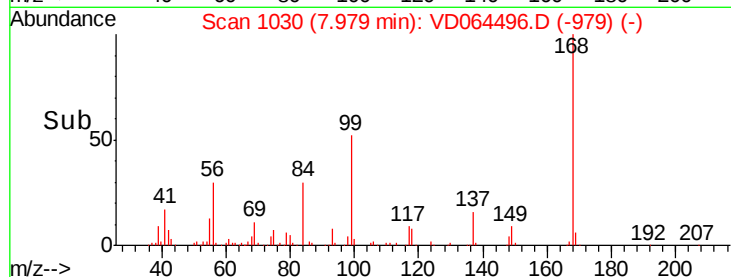
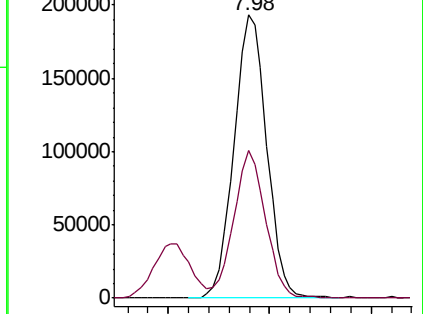
168 100

99 52.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.616 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064496.D

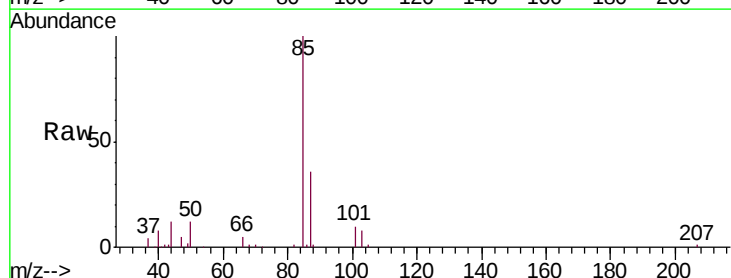
Acq: 11 Dec 2019 12:53

Tgt Ion: 85 Resp: 80883

Ion Ratio Lower Upper

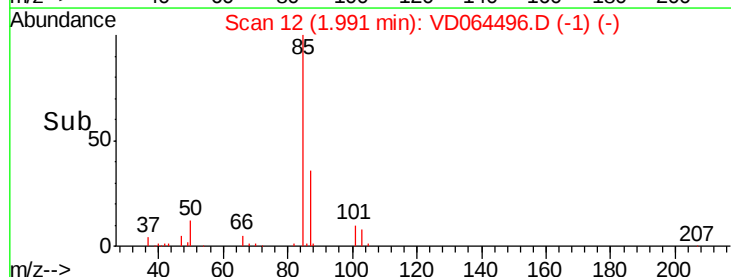
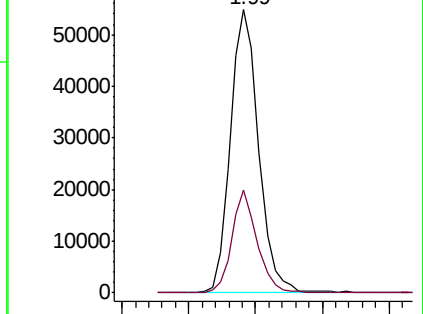
85 100

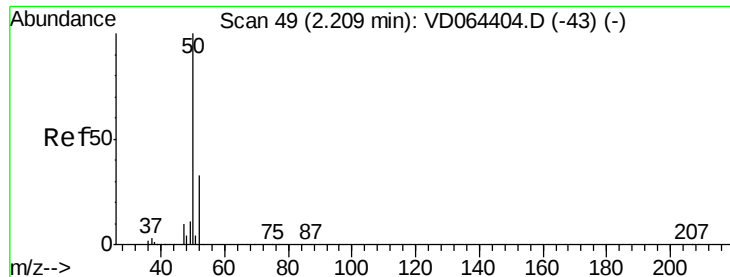
87 36.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.650 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

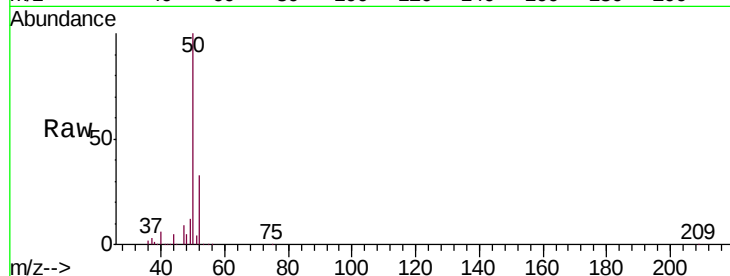
VD1211SBSD01

Tgt Ion: 50 Resp: 102184

Ion Ratio Lower Upper

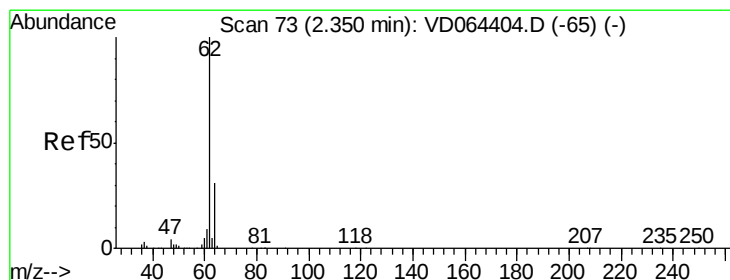
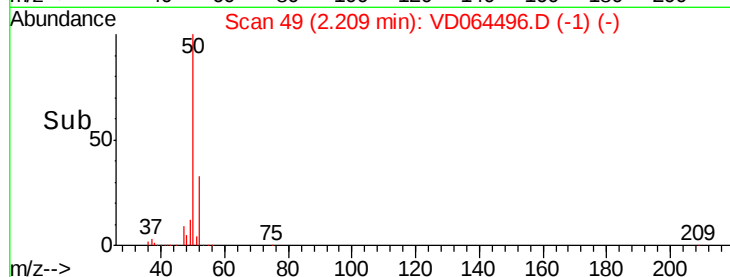
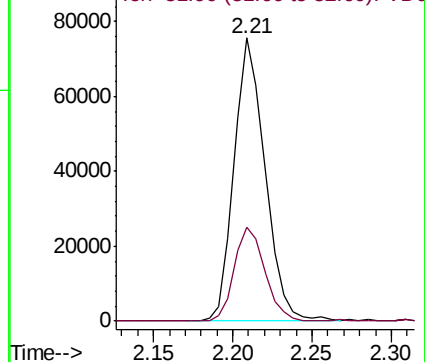
50 100

52 33.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.868 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064496.D

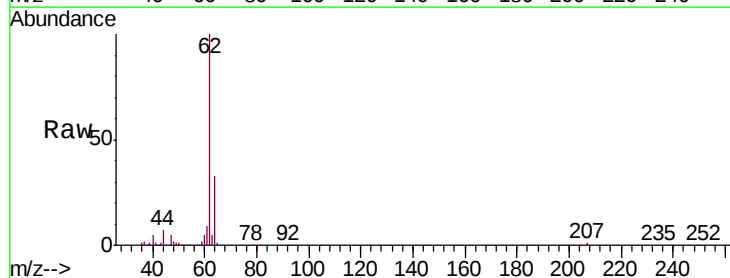
Acq: 11 Dec 2019 12:53

Tgt Ion: 62 Resp: 124946

Ion Ratio Lower Upper

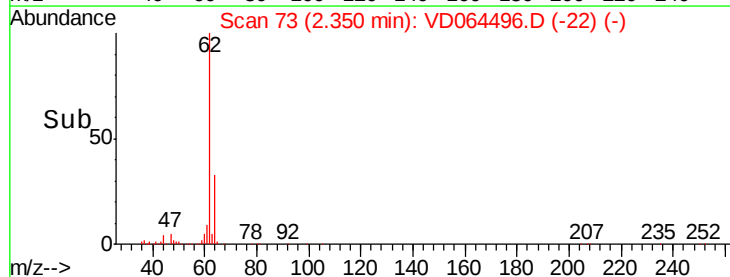
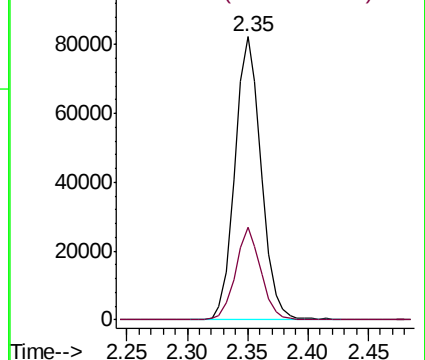
62 100

64 32.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.439 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

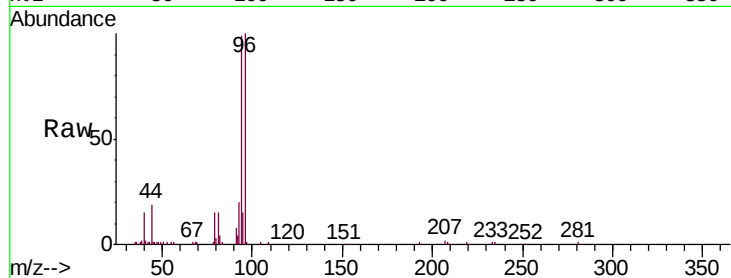
VD1211SBSD01

Tgt Ion: 94 Resp: 86361

Ion Ratio Lower Upper

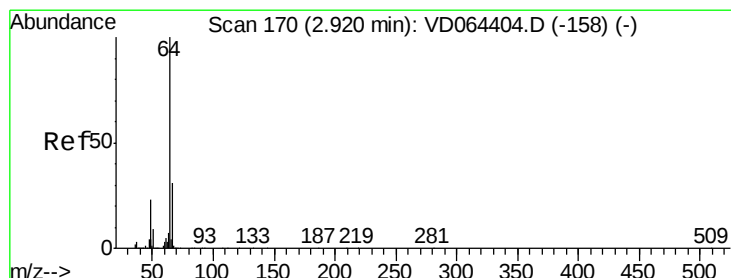
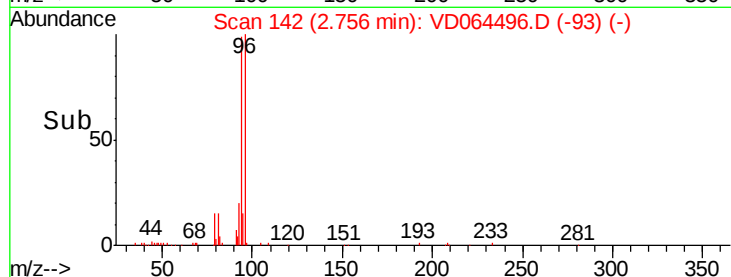
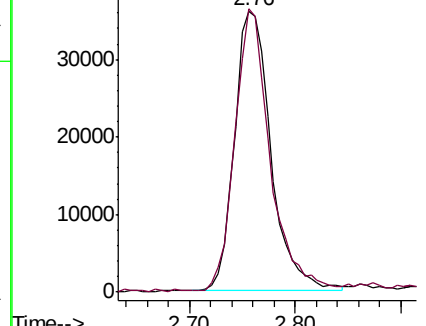
94 100

96 100.7 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.826 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064496.D

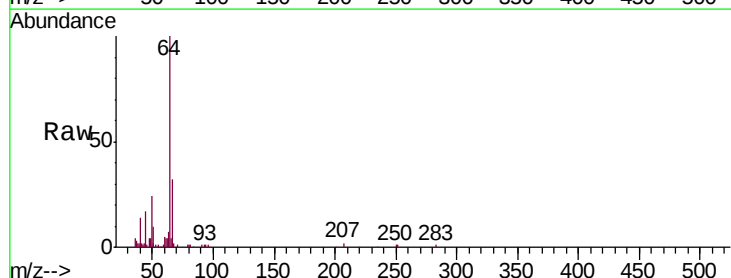
Acq: 11 Dec 2019 12:53

Tgt Ion: 64 Resp: 83351

Ion Ratio Lower Upper

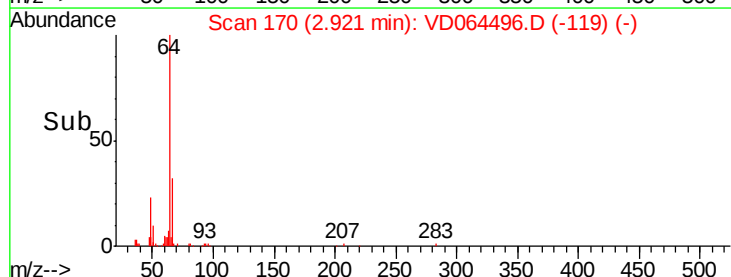
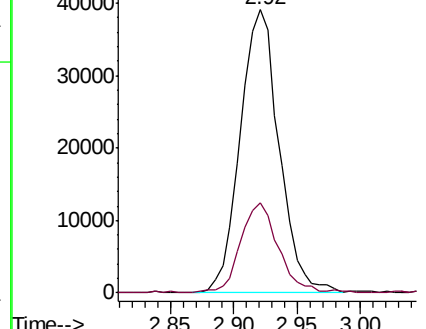
64 100

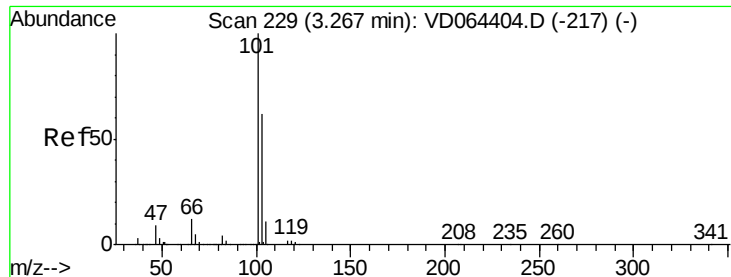
66 31.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



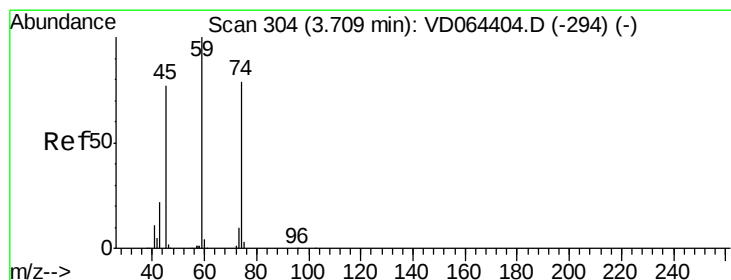
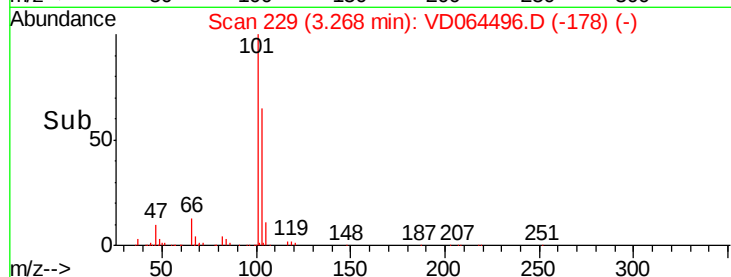
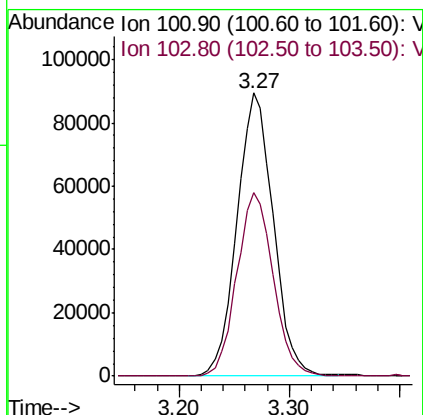
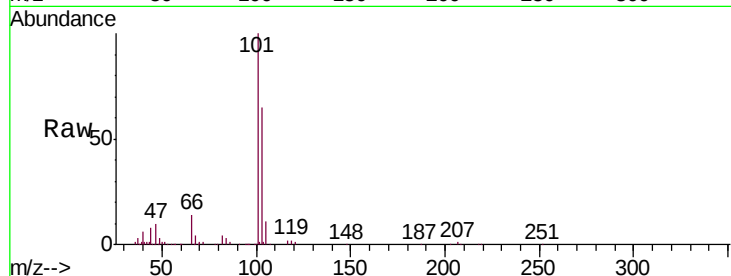


#7

Trichlorofluoromethane  
 Concen: 21.792 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

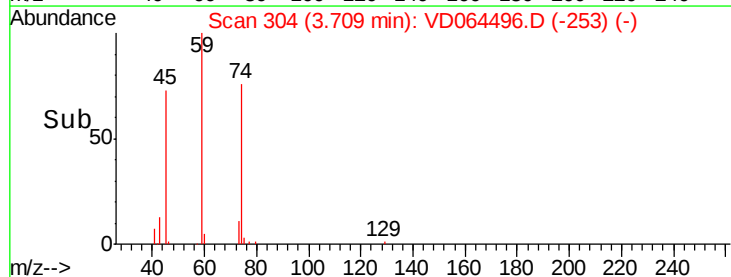
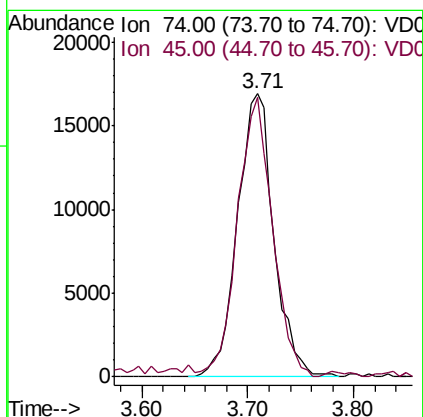
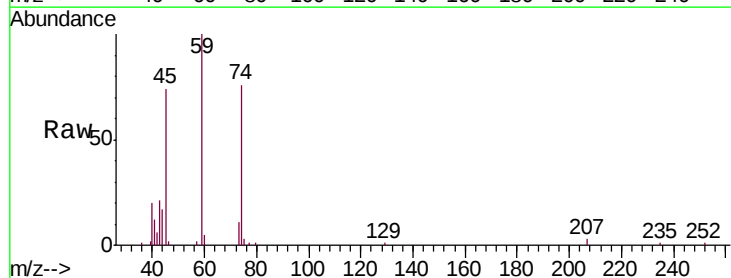
Tgt Ion: 101 Resp: 206982  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 49.8 74.6

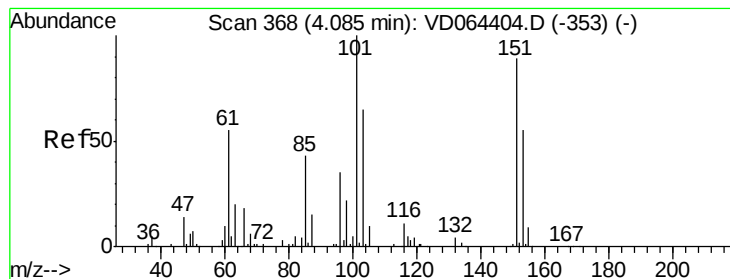


#8

Diethyl Ether  
 Concen: 20.456 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 74 Resp: 40374  
 Ion Ratio Lower Upper  
 74 100  
 45 95.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.681 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBSD01

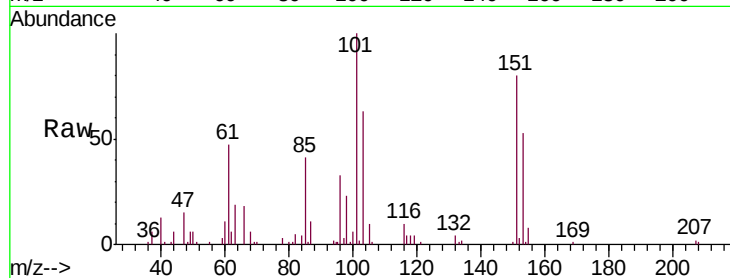
Tgt Ion:101 Resp: 88299

Ion Ratio Lower Upper

101 100

85 43.4 34.8 52.2

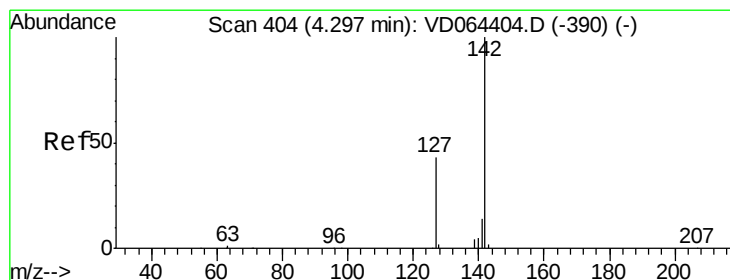
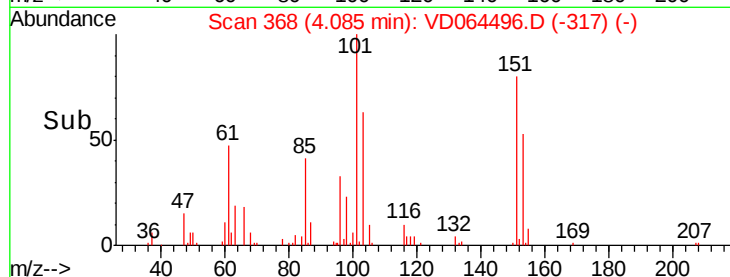
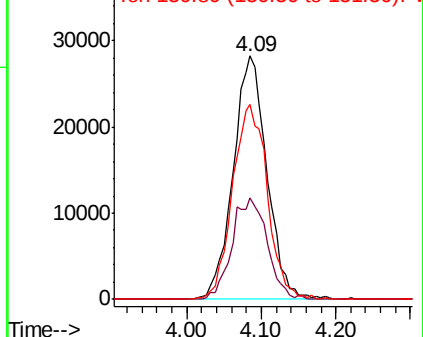
151 82.5 68.8 103.2



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: 21.766 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

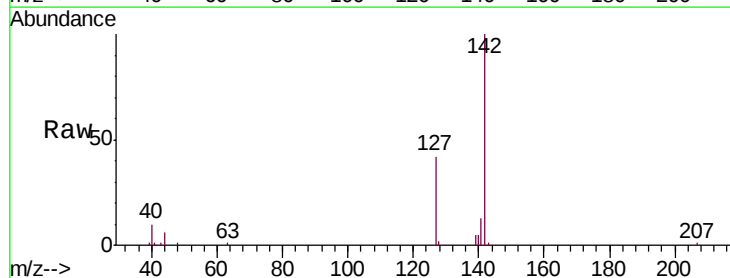
Tgt Ion:142 Resp: 93610

Ion Ratio Lower Upper

142 100

127 42.6 35.3 52.9

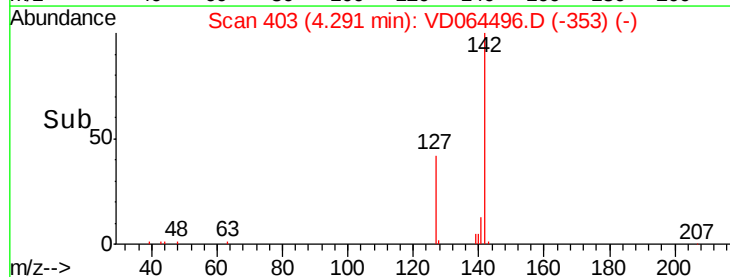
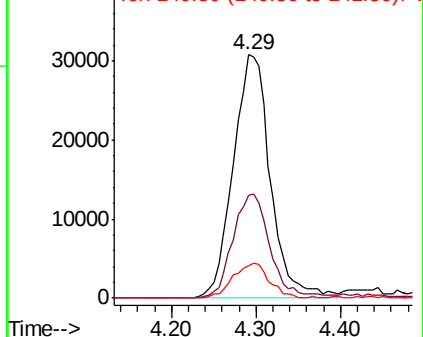
141 14.1 11.6 17.4

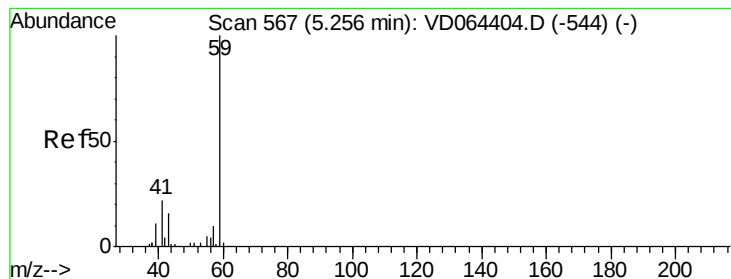


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



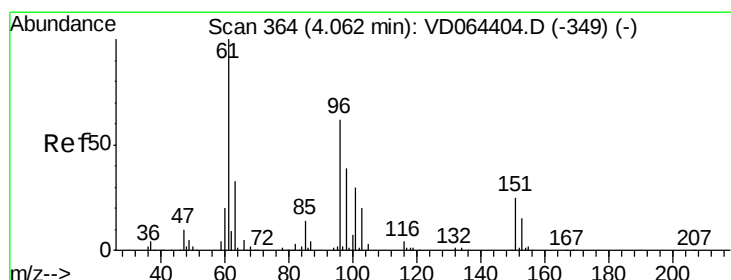
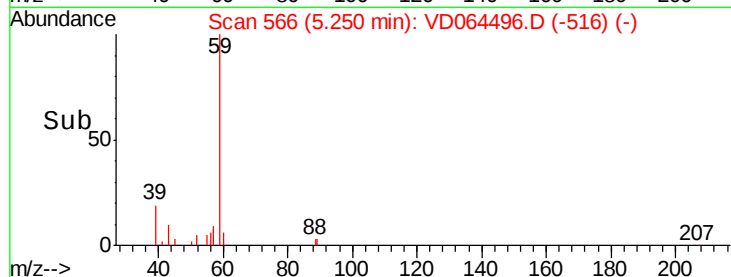
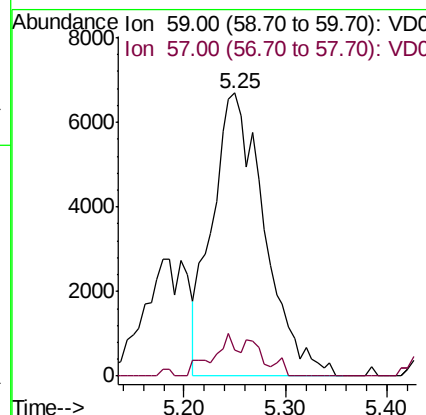
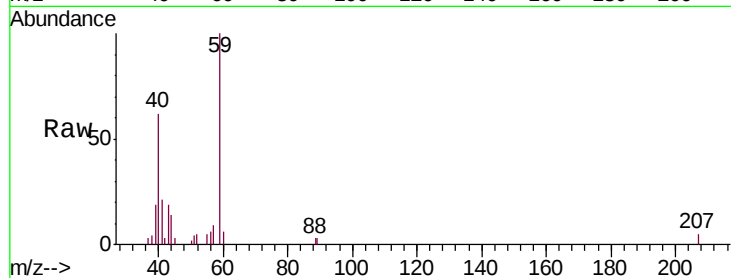


#11

Tert butyl alcohol  
Concen: 95.675 ug/l  
RT: 5.25 min Scan# 566  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBS01

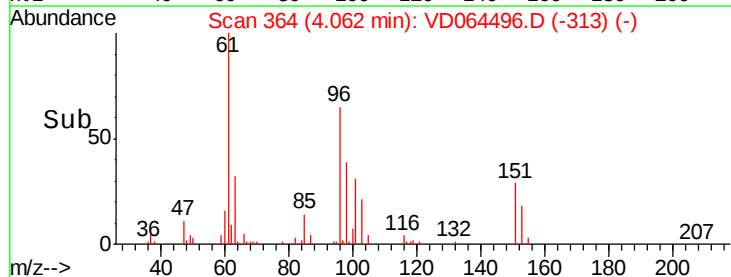
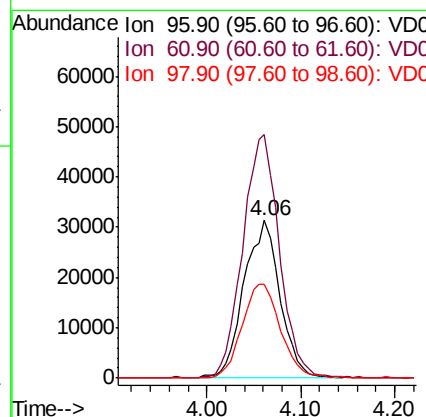
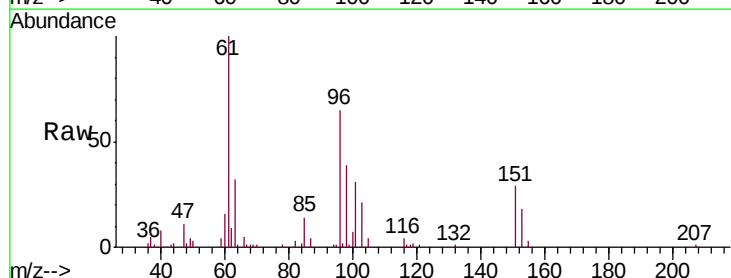
Tgt Ion: 59 Resp: 23869  
Ion Ratio Lower Upper  
59 100  
57 7.1 0.0 0.0#

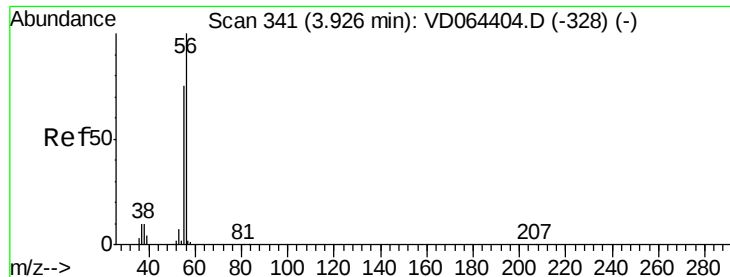


#12

1,1-Dichloroethene  
Concen: 21.326 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 96 Resp: 83231  
Ion Ratio Lower Upper  
96 100  
61 154.6 128.2 192.4  
98 59.8 50.4 75.6





#13

Acrolein

Concen: 81.781 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

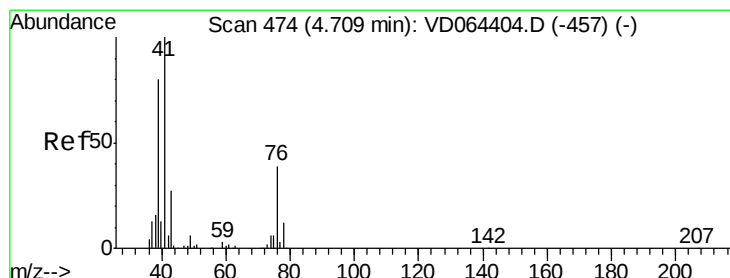
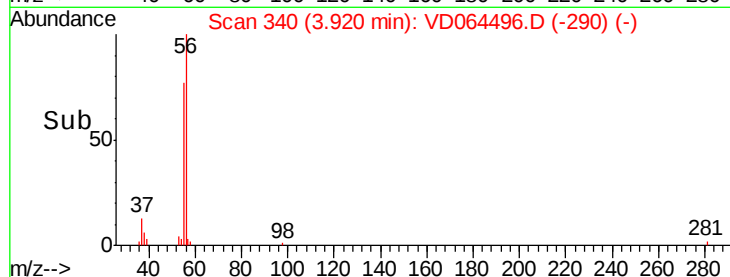
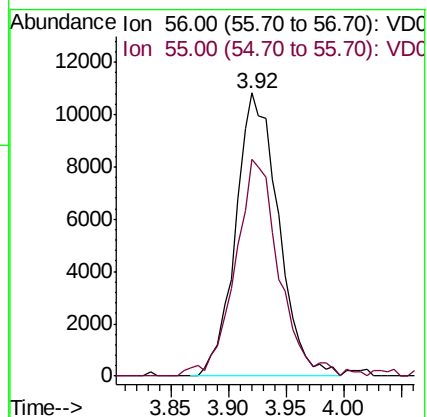
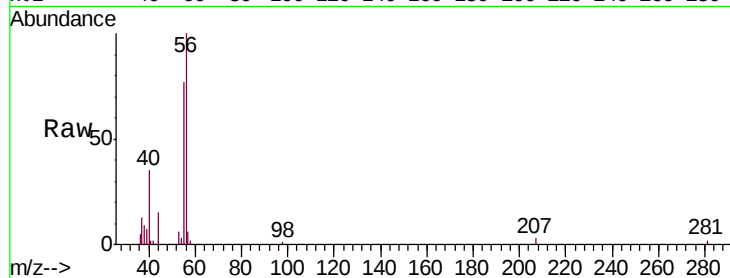
VD1211SBSD01

Tgt Ion: 56 Resp: 27829

Ion Ratio Lower Upper

56 100

55 78.4 56.9 85.3



#14

Allyl chloride

Concen: 20.516 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

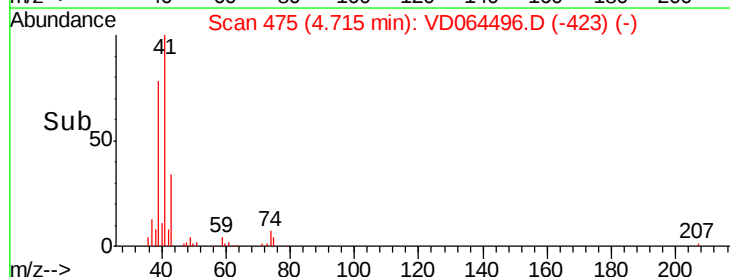
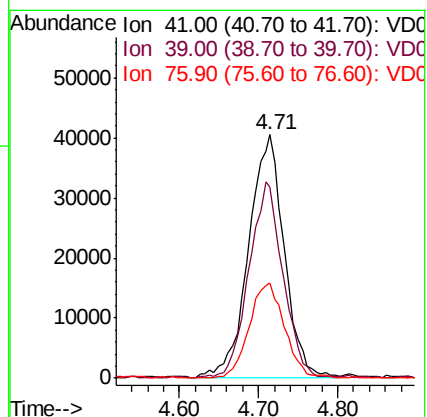
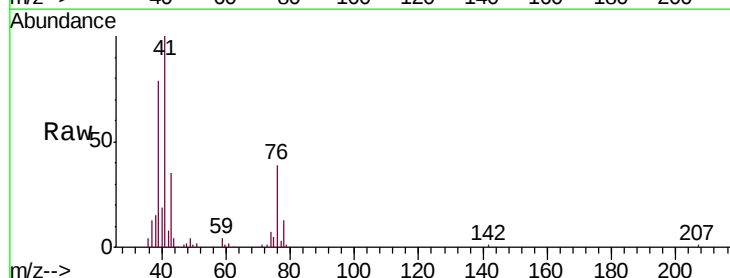
Tgt Ion: 41 Resp: 124960

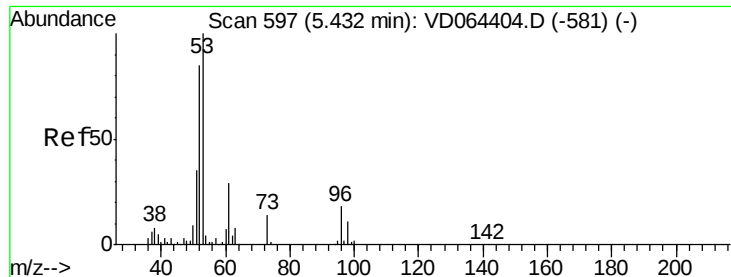
Ion Ratio Lower Upper

41 100

39 78.1 62.1 93.1

76 39.4 29.8 44.8





#15

Acrylonitrile

Concen: 99.190 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBS01

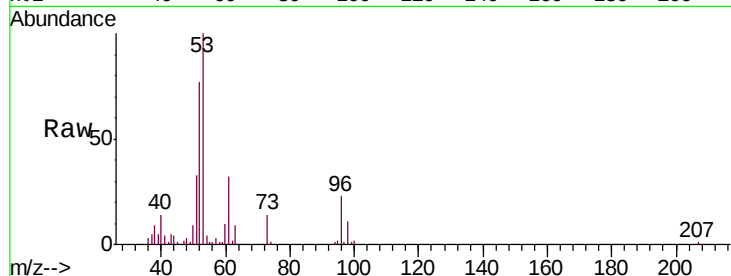
Tgt Ion: 53 Resp: 85611

Ion Ratio Lower Upper

53 100

52 82.6 67.9 101.9

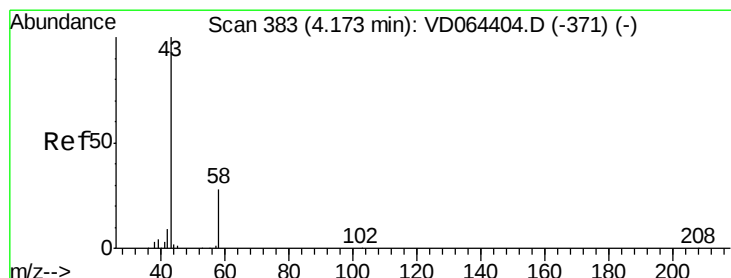
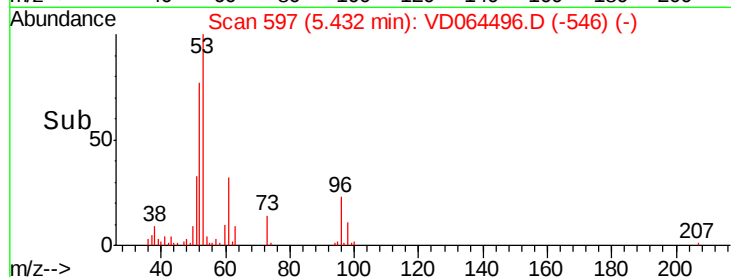
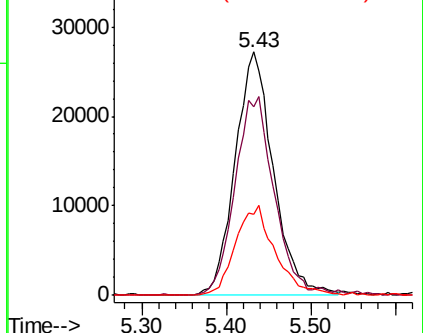
51 38.2 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 95.668 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064496.D

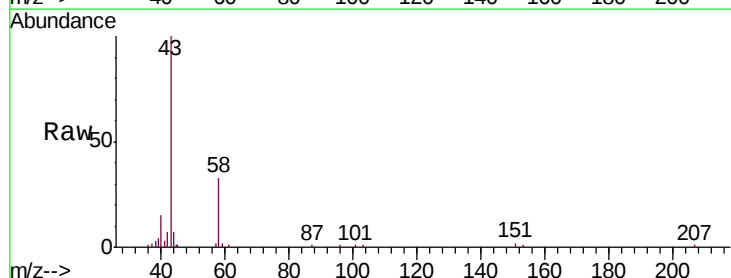
Acq: 11 Dec 2019 12:53

Tgt Ion: 43 Resp: 75769

Ion Ratio Lower Upper

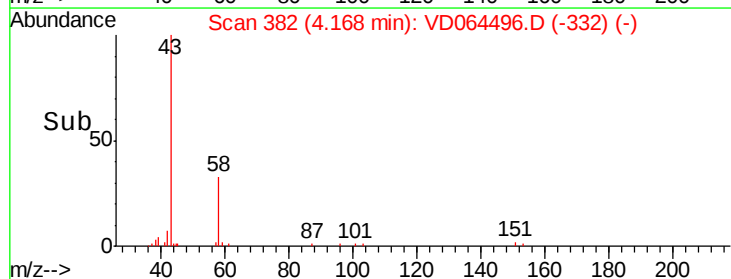
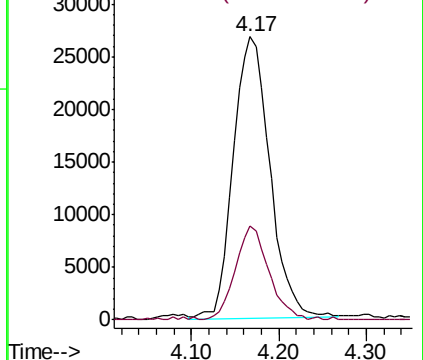
43 100

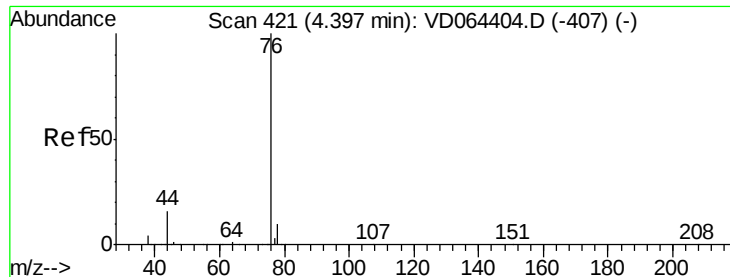
58 33.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

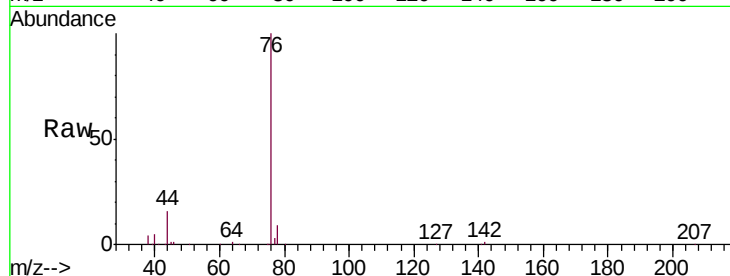




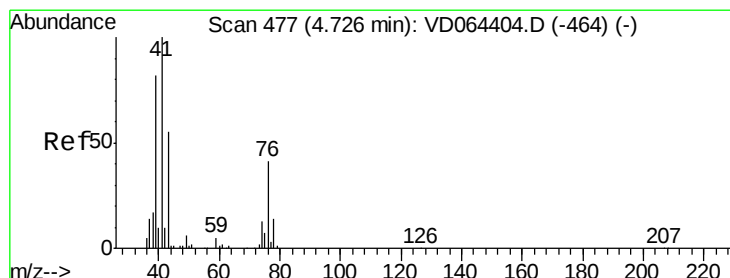
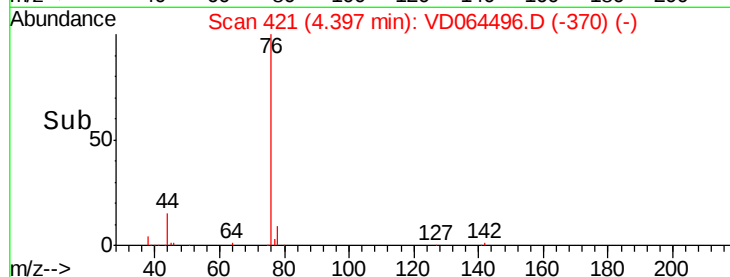
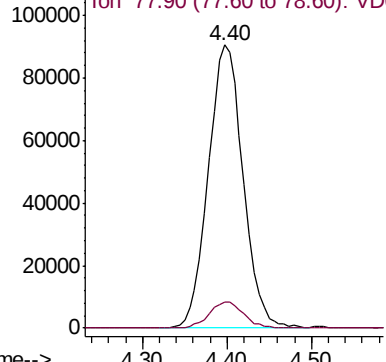
#17  
Carbon Disulfide  
Concen: 20.888 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Tgt Ion: 76 Resp: 258194  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.8 11.8

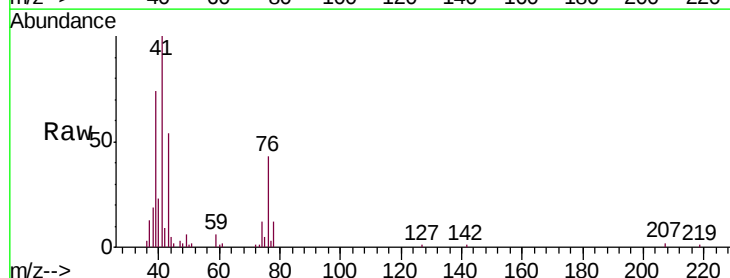


Abundance Ion 75.90 (75.60 to 76.60): VDC  
Ion 77.90 (77.60 to 78.60): VDC

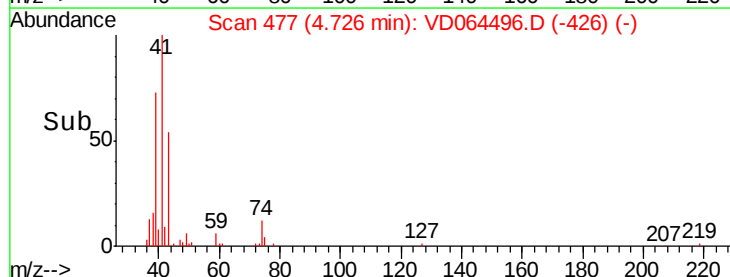
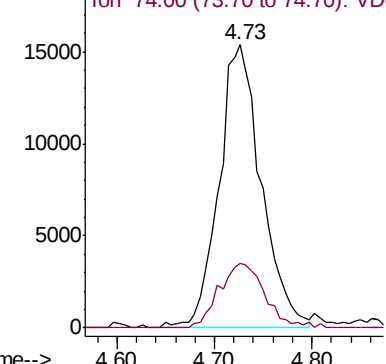


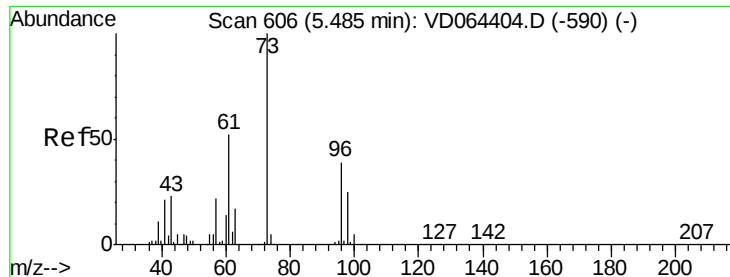
#18  
Methyl Acetate  
Concen: 20.162 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 43 Resp: 46579  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 74.00 (73.70 to 74.70): VDC



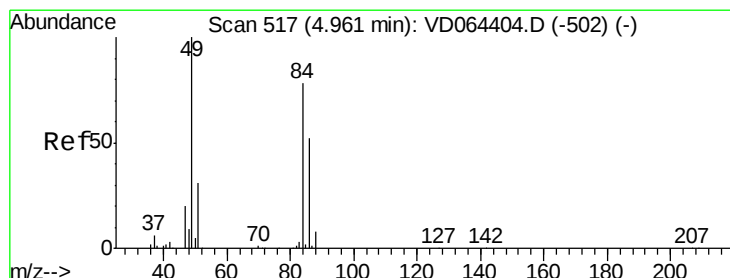
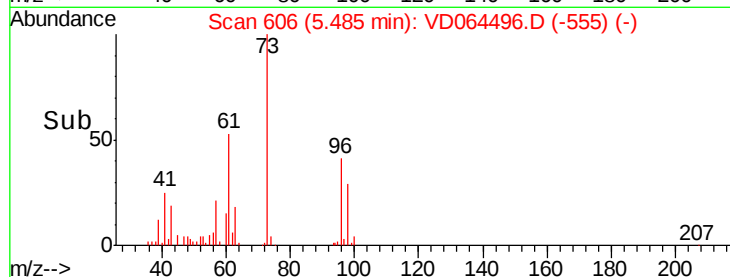
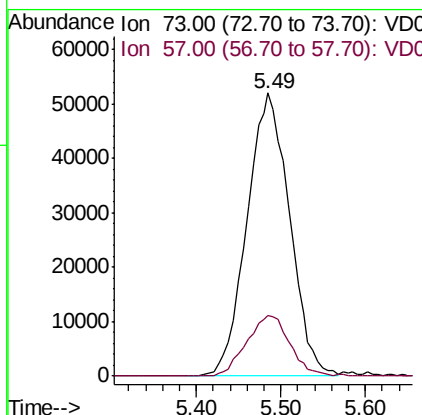
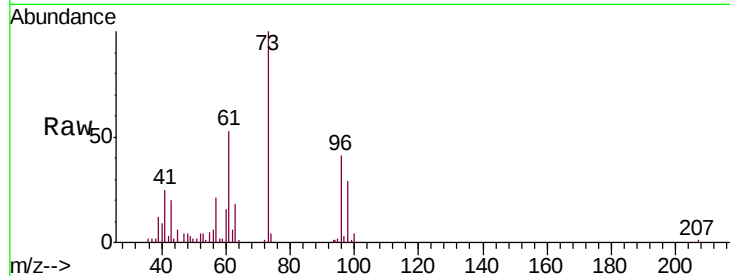


#19

Methyl tert-butyl Ether  
 Concen: 20.358 ug/l  
 RT: 5.49 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

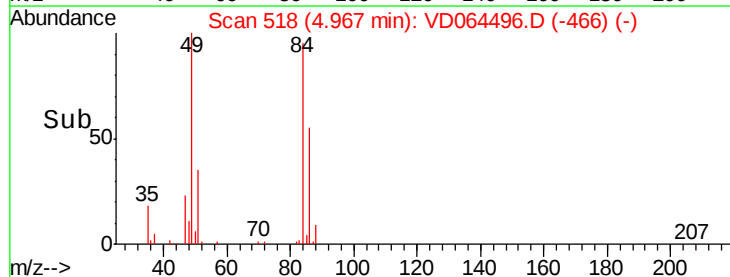
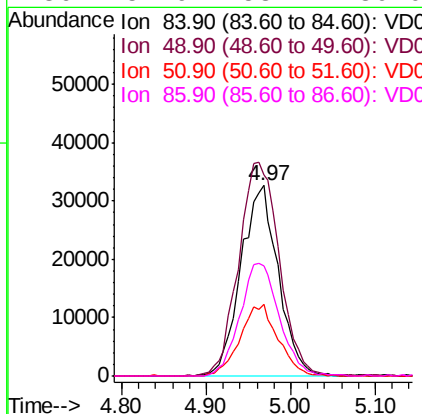
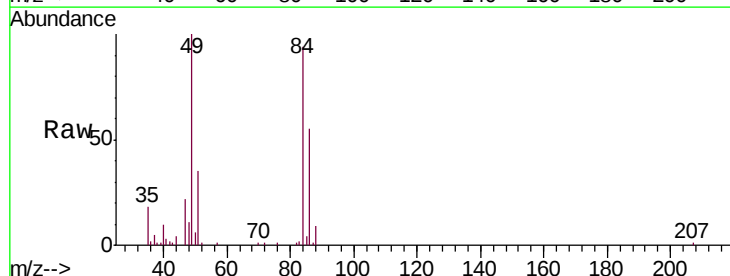
Tgt Ion: 73 Resp: 182252  
 Ion Ratio Lower Upper  
 73 100  
 57 21.3 17.6 26.4

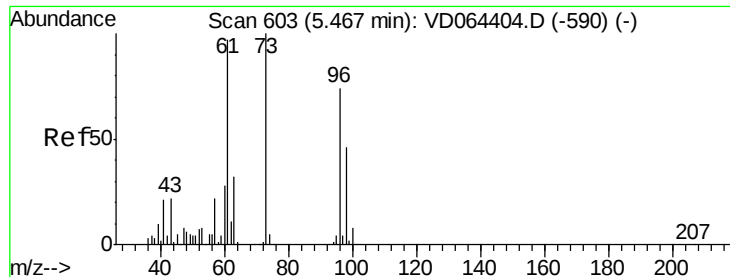


#20

Methylene Chloride  
 Concen: 22.505 ug/l  
 RT: 4.97 min Scan# 518  
 Delta R.T. 0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 84 Resp: 100405  
 Ion Ratio Lower Upper  
 84 100  
 49 105.4 102.6 153.8  
 51 37.4 32.0 48.0  
 86 57.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.955 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBSD01

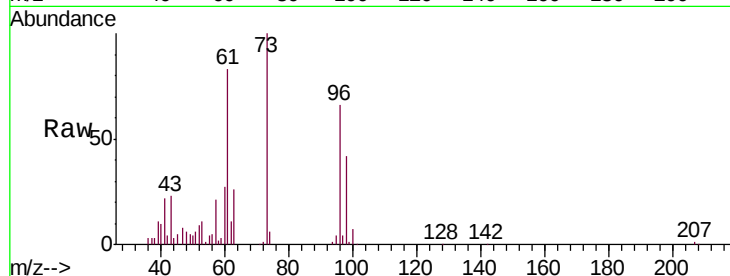
Tgt Ion: 96 Resp: 92508

Ion Ratio Lower Upper

96 100

61 125.0 105.8 158.6

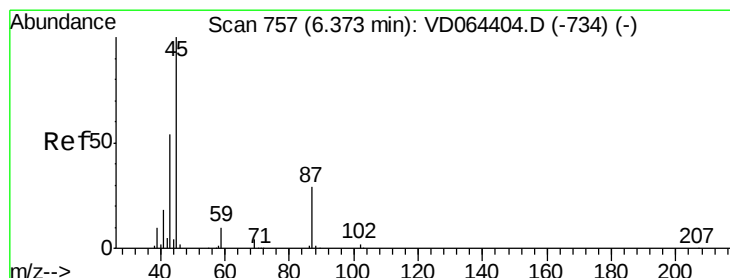
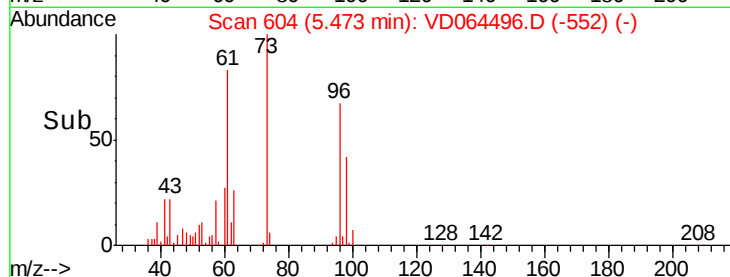
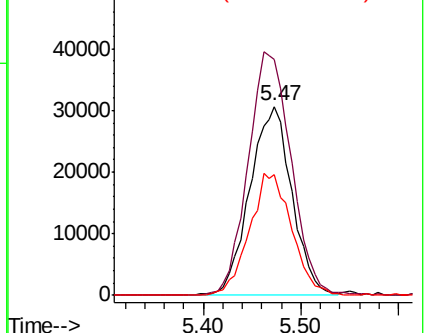
98 63.8 50.1 75.1



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: 20.770 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Tgt Ion: 45 Resp: 249736

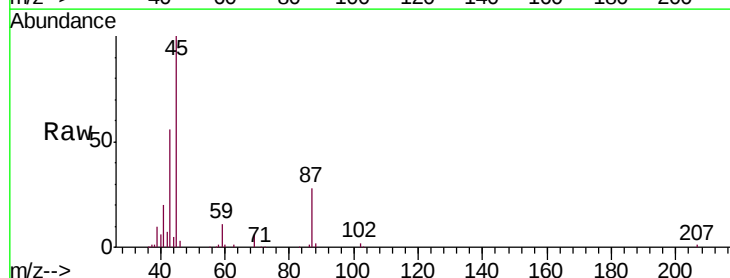
Ion Ratio Lower Upper

45 100

43 55.4 43.1 64.7

87 27.6 23.5 35.3

59 10.7 8.2 12.2

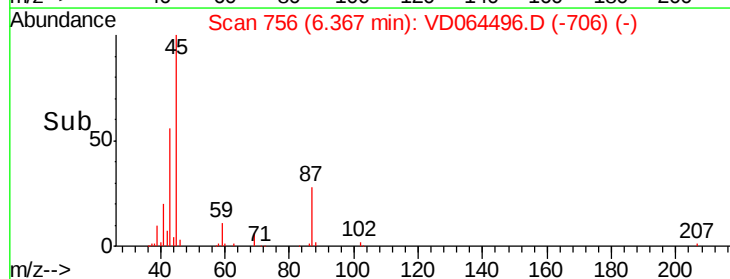
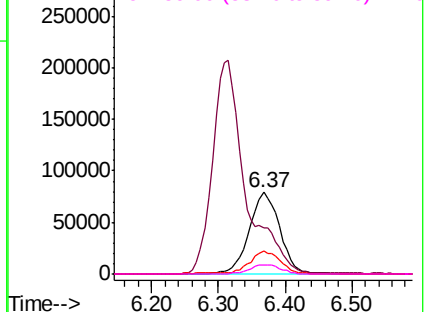


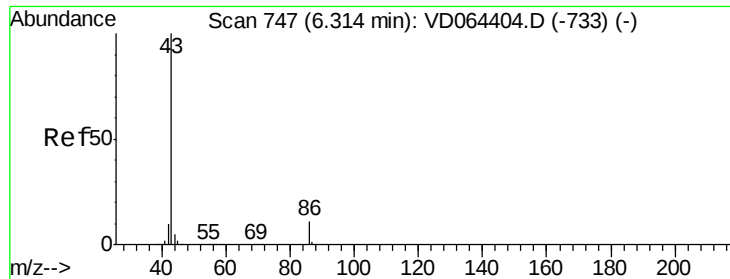
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 100.896 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

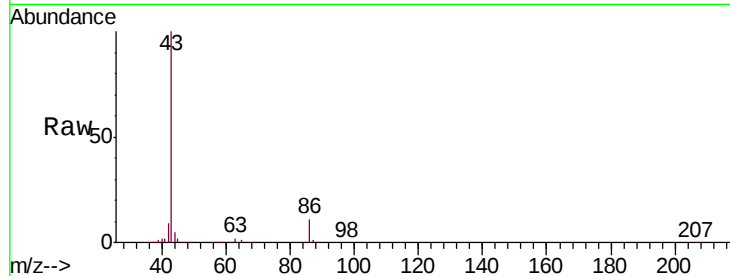
VD1211SBSD01

Tgt Ion: 43 Resp: 715209

Ion Ratio Lower Upper

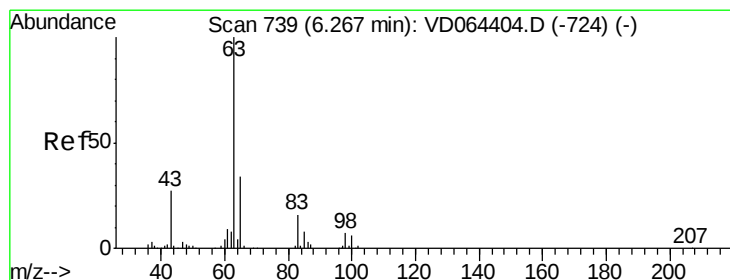
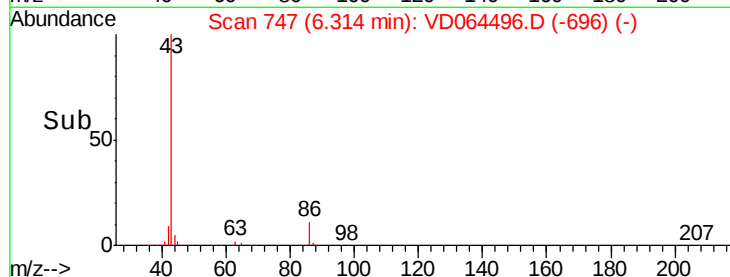
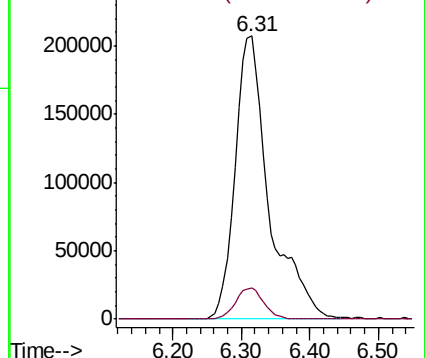
43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.429 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

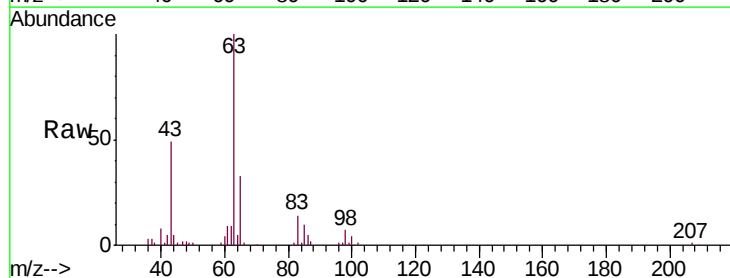
Tgt Ion: 63 Resp: 154955

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

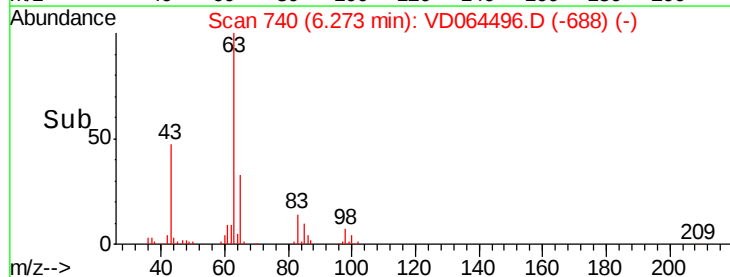
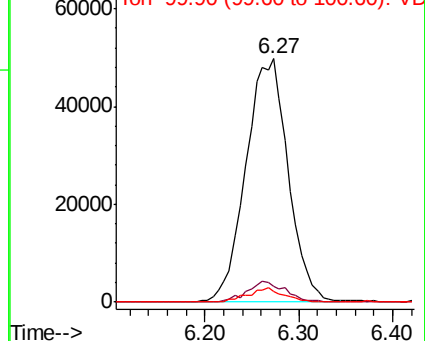
100 4.3 2.9 8.6

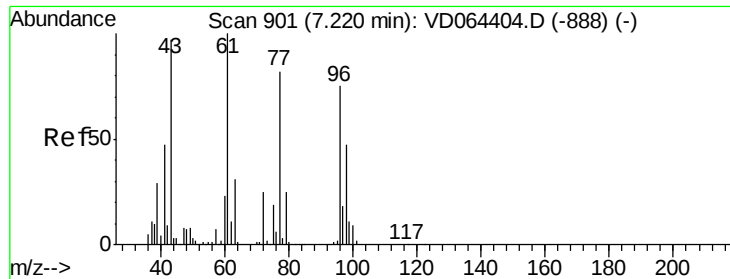


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

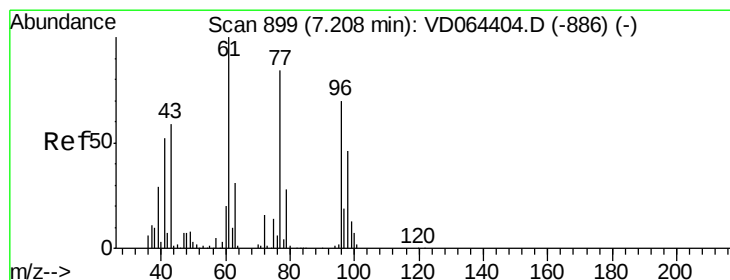
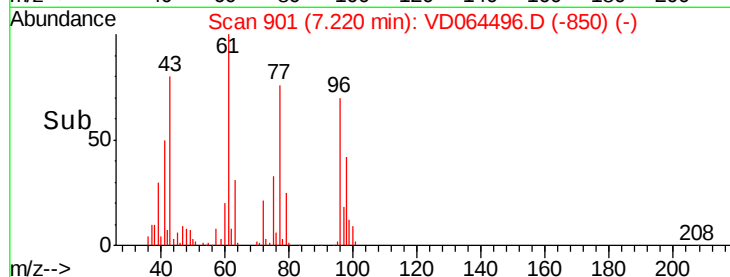
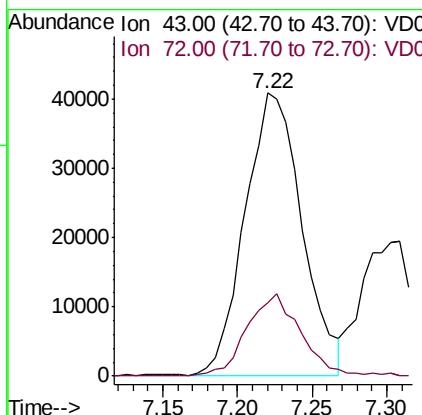
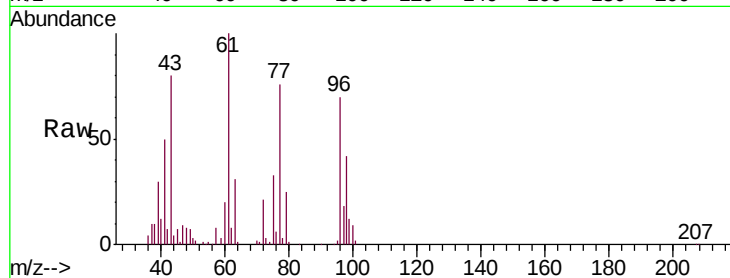




#25  
2-Butanone  
Concen: 97.135 ug/l  
RT: 7.22 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

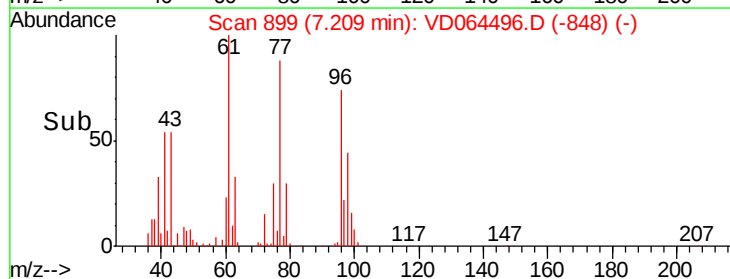
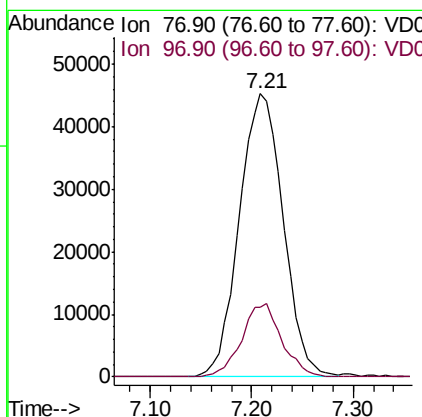
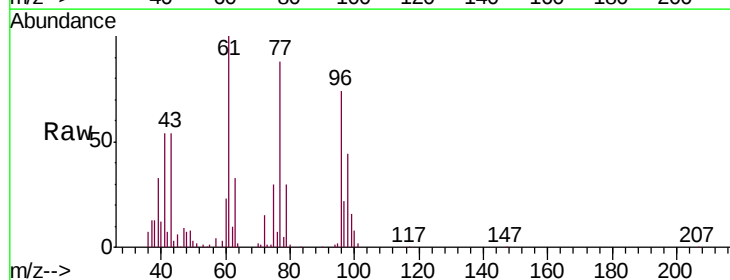
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Tgt Ion: 43 Resp: 108797  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 21.587 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 77 Resp: 135750  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.6 34.7

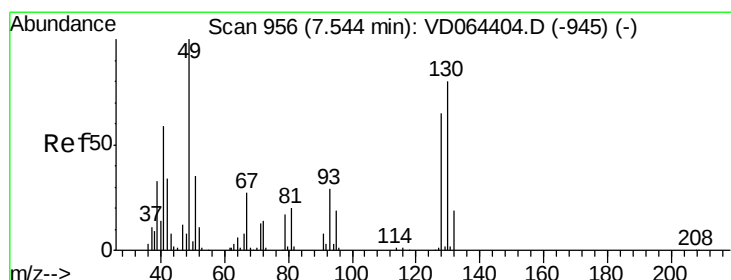
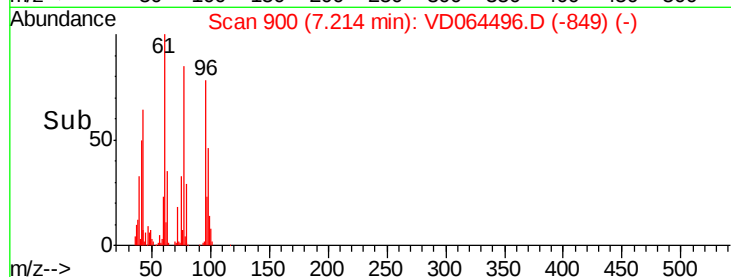
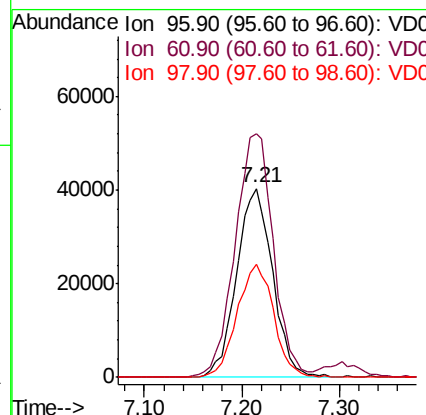
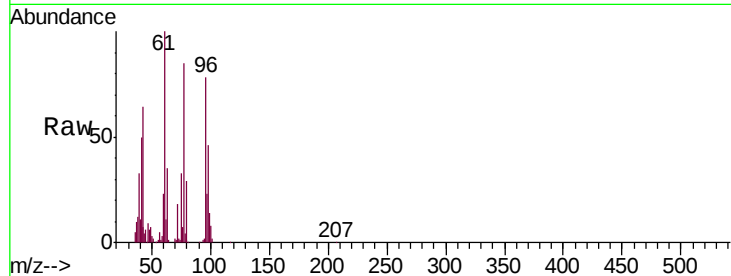




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.563 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

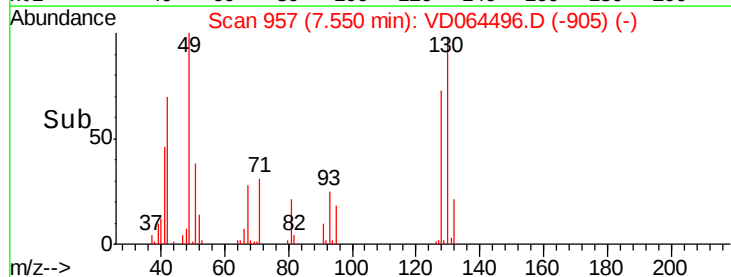
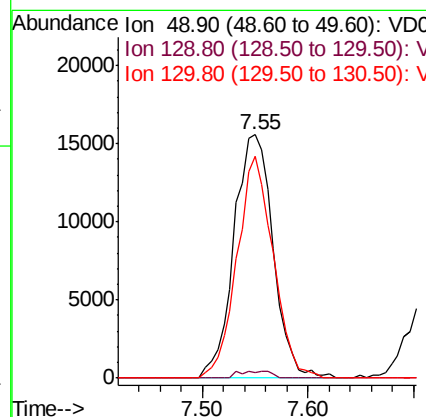
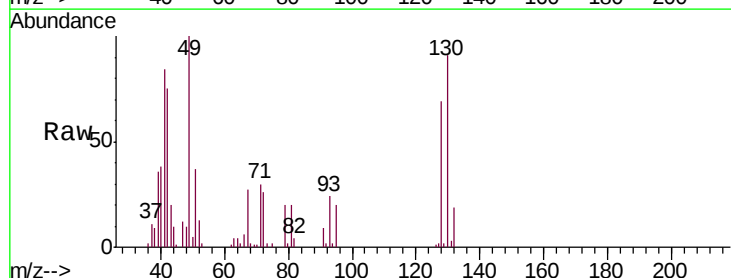
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

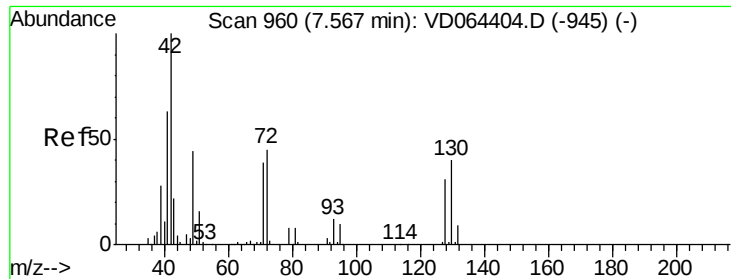
Tgt Ion: 96 Resp: 103783  
 Ion Ratio Lower Upper  
 96 100  
 61 136.6 0.0 279.6  
 98 60.9 0.0 129.2



#28  
 Bromochloromethane  
 Concen: 16.168 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 49 Resp: 39954  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.4  
 130 84.6 67.4 101.0

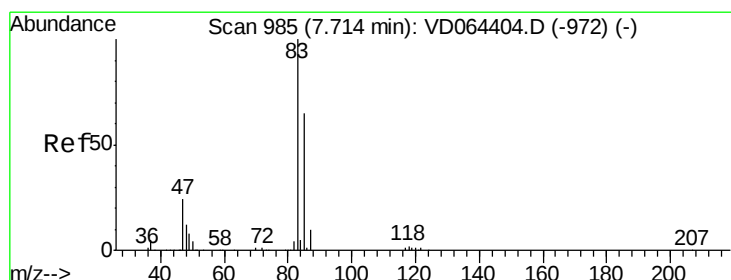
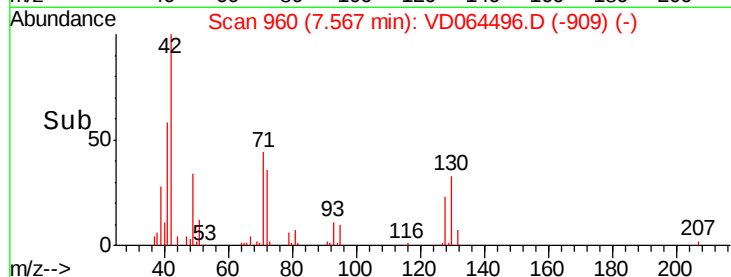
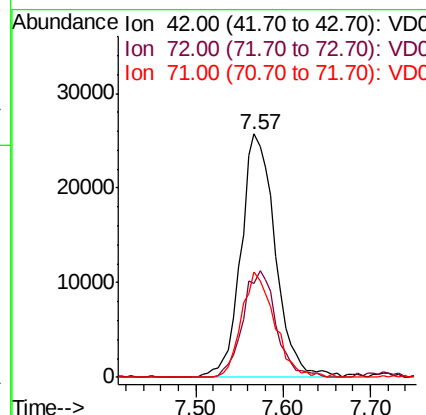
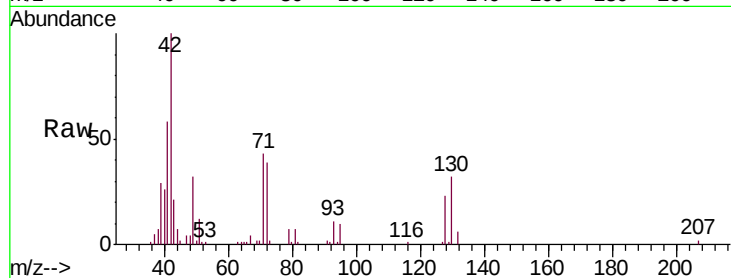




#29  
Tetrahydrofuran  
Concen: 95.794 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

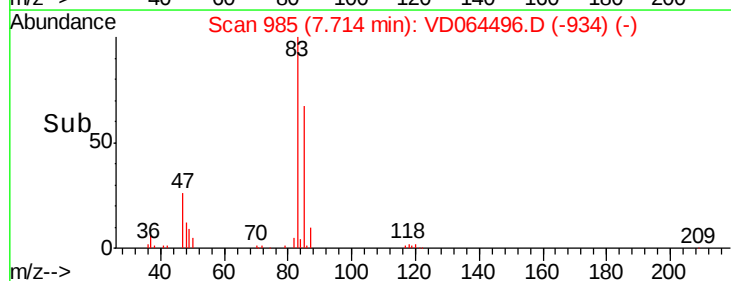
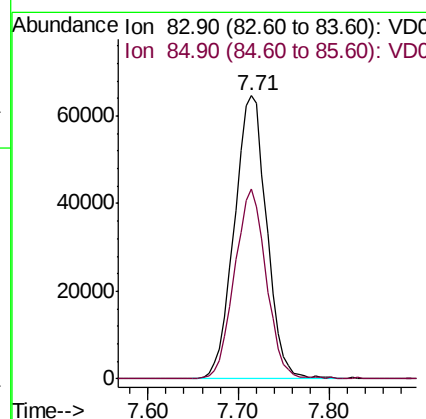
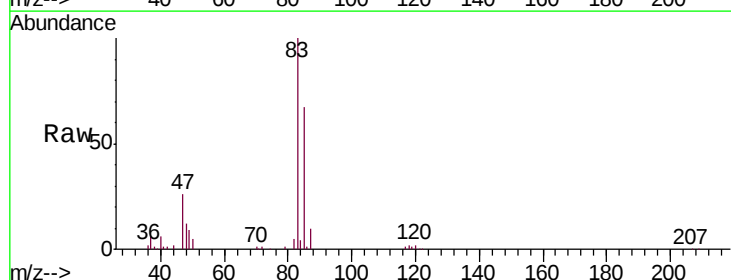
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

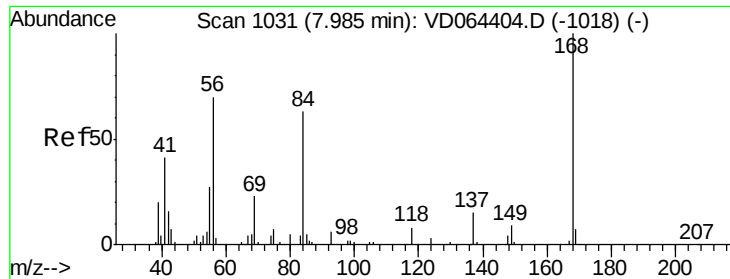
Tgt Ion: 42 Resp: 68263  
Ion Ratio Lower Upper  
42 100  
72 42.4 35.8 53.8  
71 41.2 32.7 49.1



#30  
Chloroform  
Concen: 21.425 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 83 Resp: 160451  
Ion Ratio Lower Upper  
83 100  
85 66.9 51.8 77.6

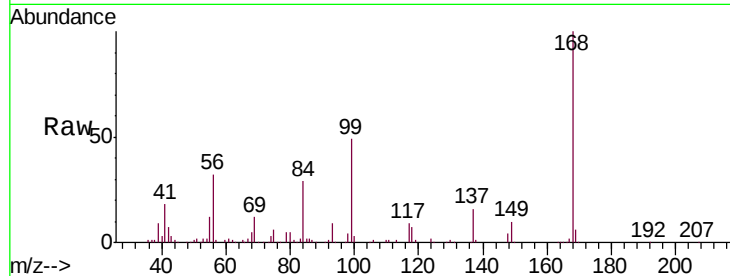




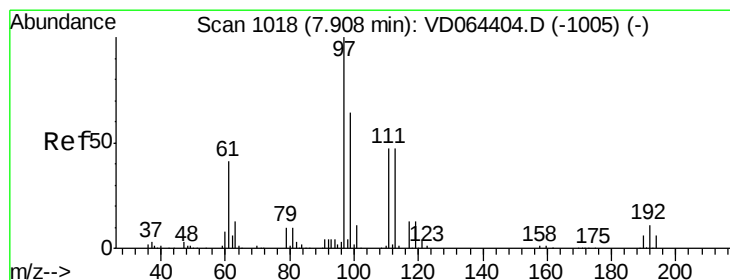
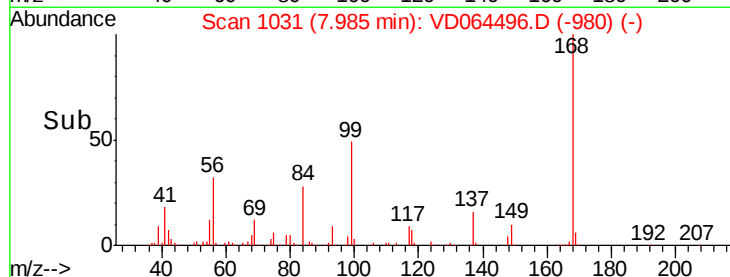
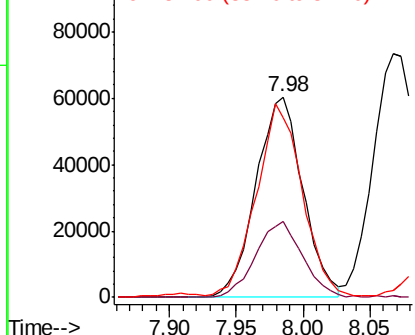
#31  
Cyclohexane  
Concen: 20.604 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Tgt Ion: 56 Resp: 147106  
Ion Ratio Lower Upper  
56 100  
69 37.8 26.2 39.4  
84 88.1 70.3 105.5

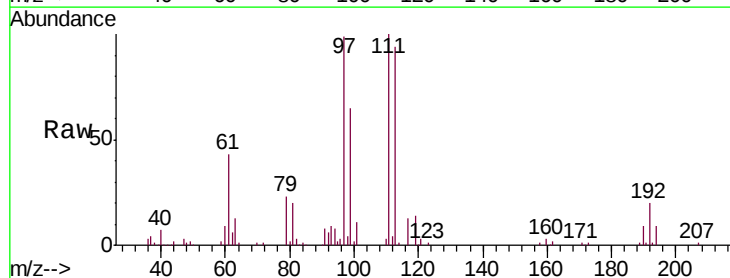


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

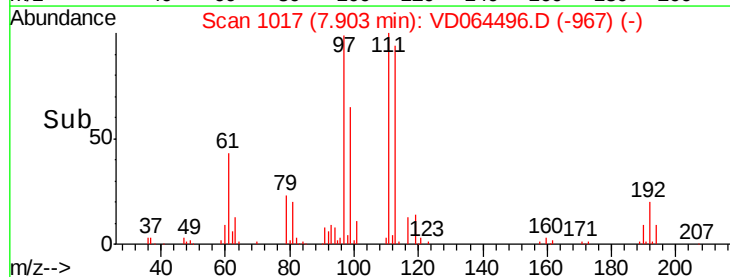
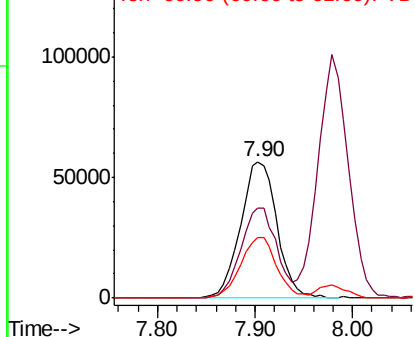


#32  
1,1,1-Trichloroethane  
Concen: 21.194 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 97 Resp: 147149  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.4 77.2  
61 44.3 35.0 52.4



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

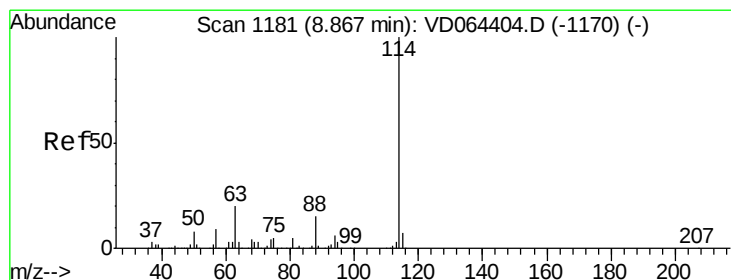
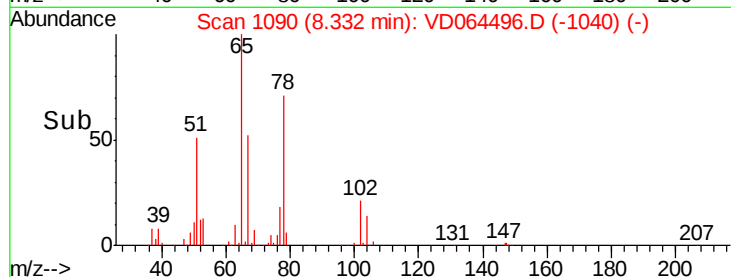
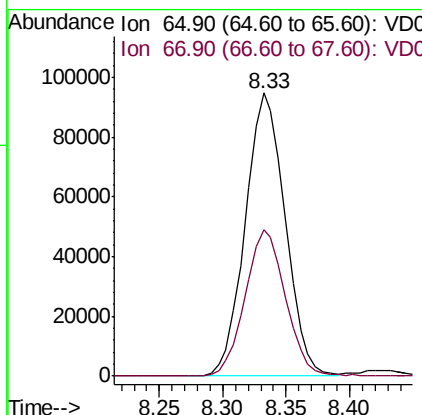
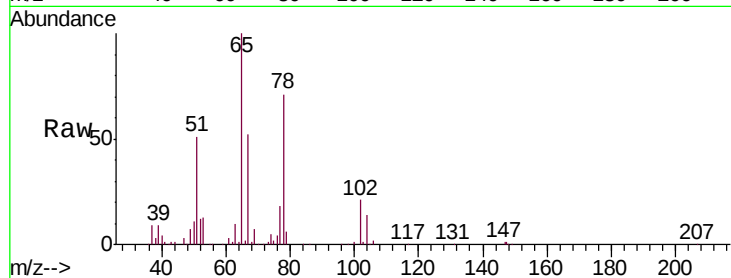




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.873 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

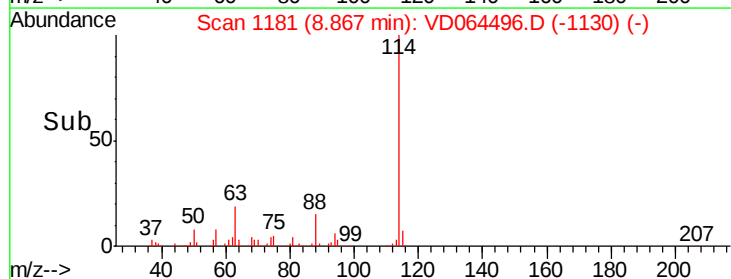
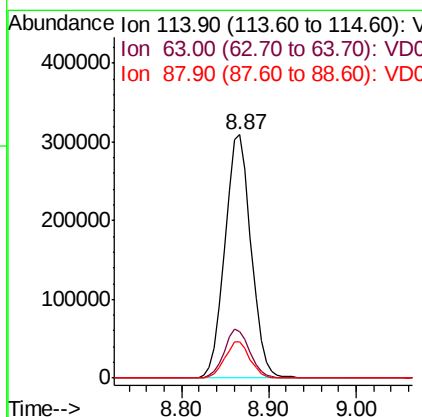
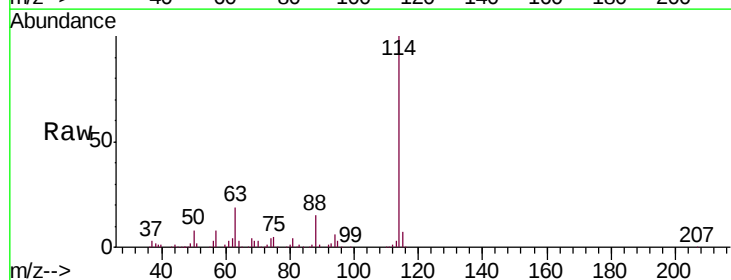
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

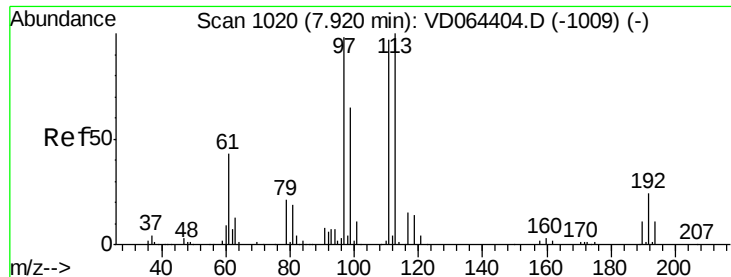
Tgt Ion: 65 Resp: 207224  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 114 Resp: 635583  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 40.0  
 88 14.7 0.0 29.2

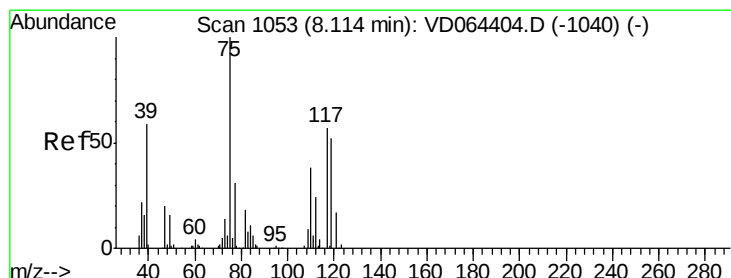
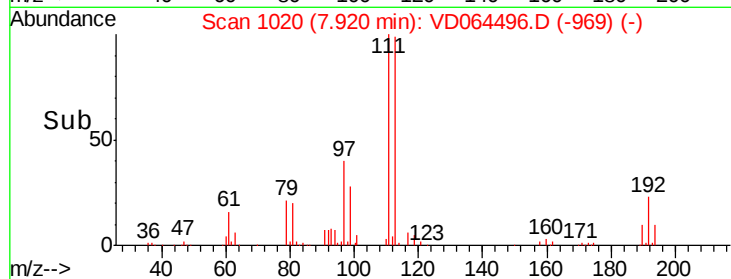
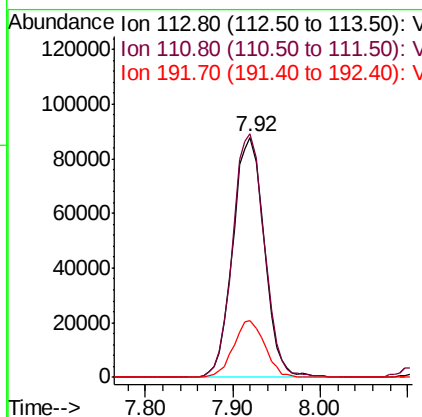
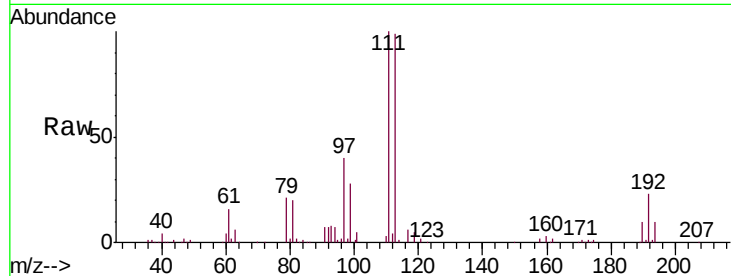




#35  
 Dibromofluoromethane  
 Concen: 53.416 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

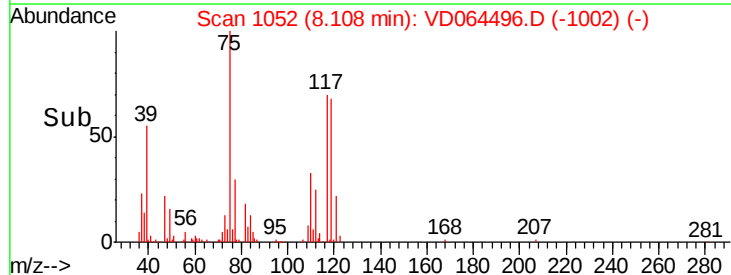
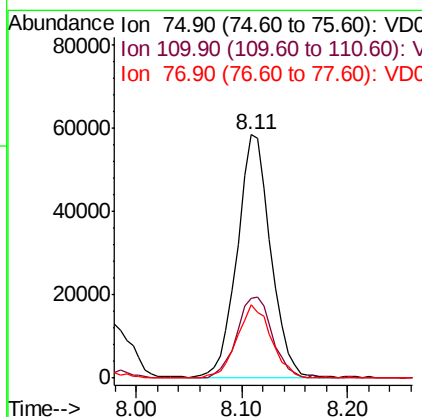
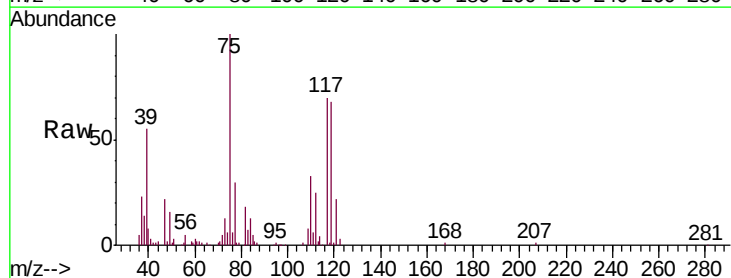
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

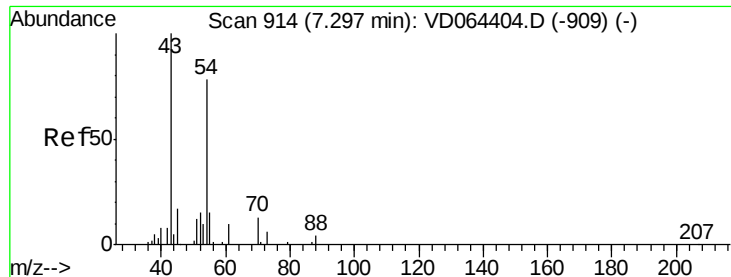
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 79.4  | 119.2 |
| 192     | 23.5  | 18.6  | 28.0  |



#36  
 1,1-Dichloropropene  
 Concen: 21.263 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.8  | 18.6  | 55.8  |
| 77      | 31.1  | 25.0  | 37.4  |

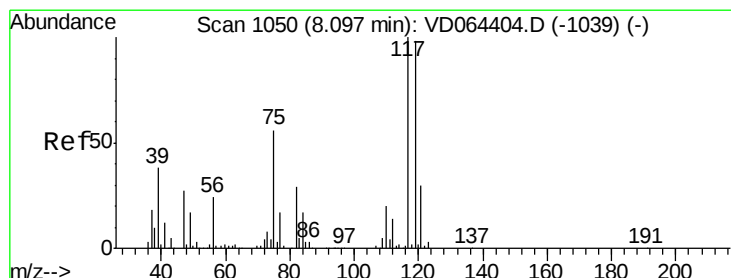
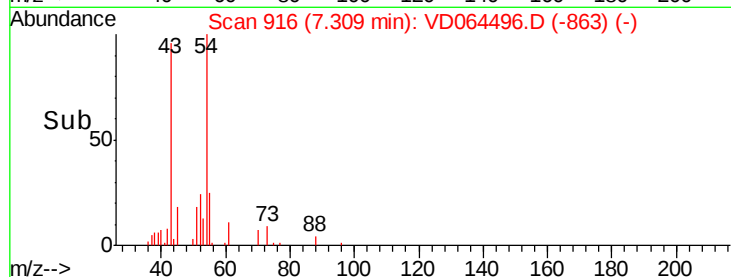
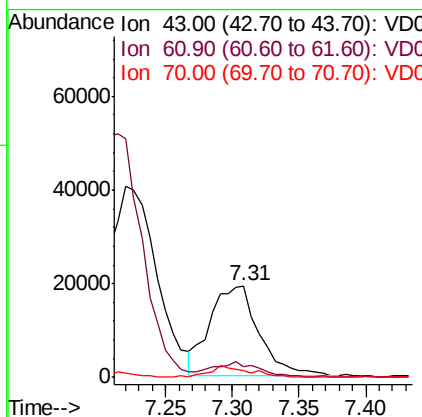
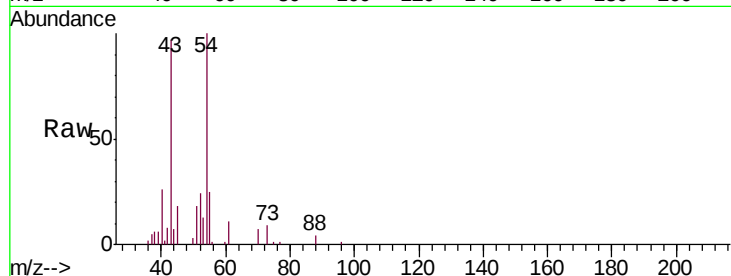




#37  
Ethyl Acetate  
Concen: 19.280 ug/l  
RT: 7.31 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

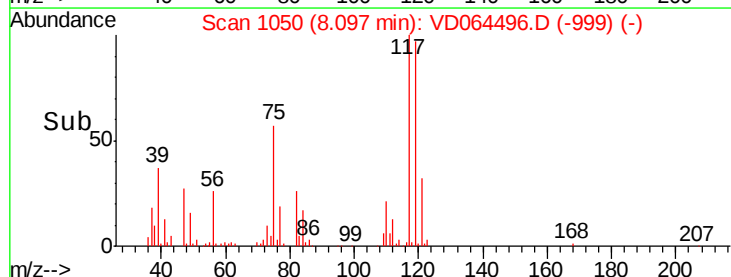
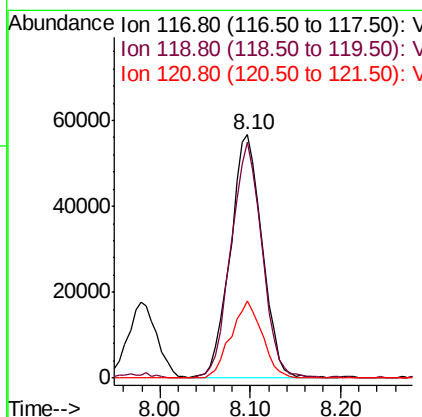
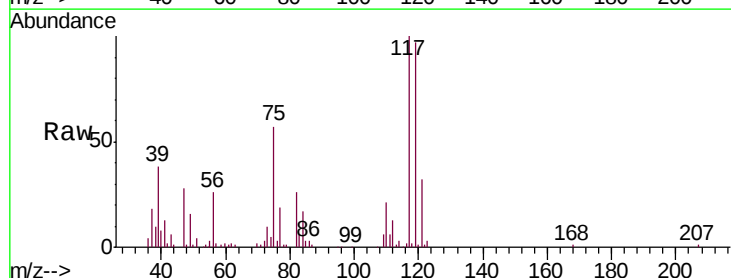
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBS01

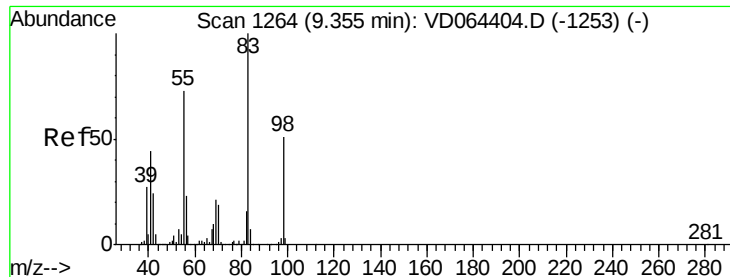
Tgt Ion: 43 Resp: 49181  
Ion Ratio Lower Upper  
43 100  
61 16.1 10.9 16.3  
70 10.8 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 21.883 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 117 Resp: 138849  
Ion Ratio Lower Upper  
117 100  
119 96.8 78.8 118.2  
121 31.6 24.2 36.2

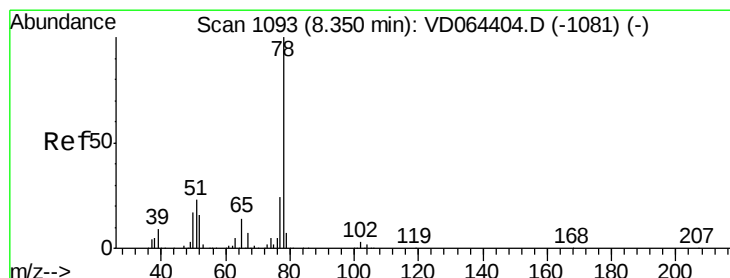
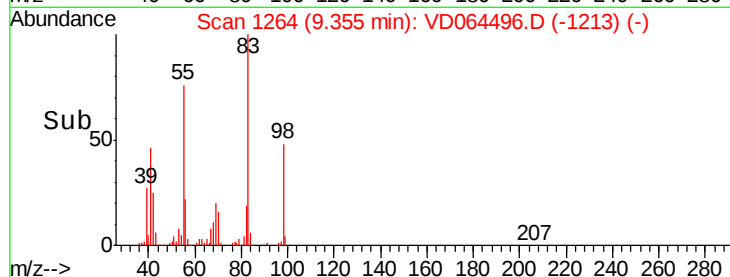
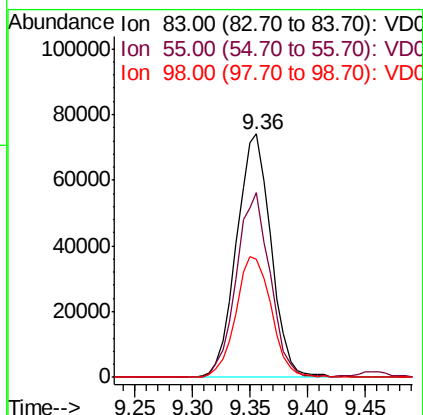
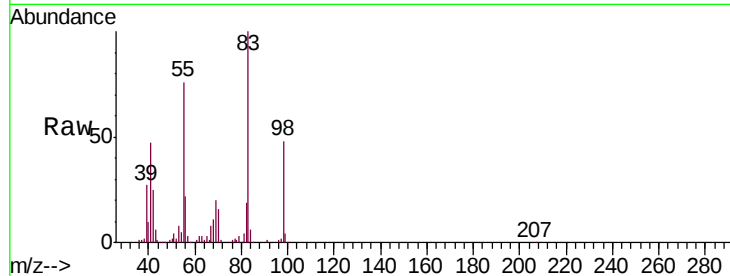




#39  
Methylcyclohexane  
Concen: 20.603 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

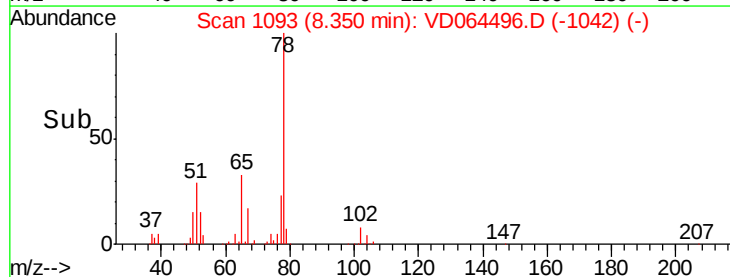
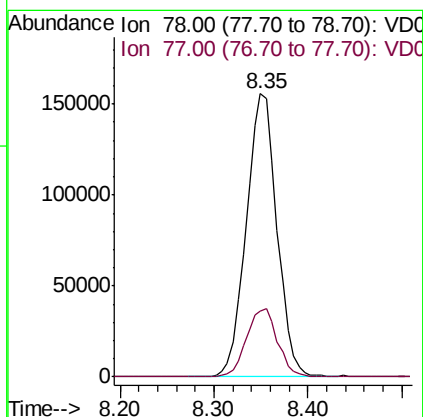
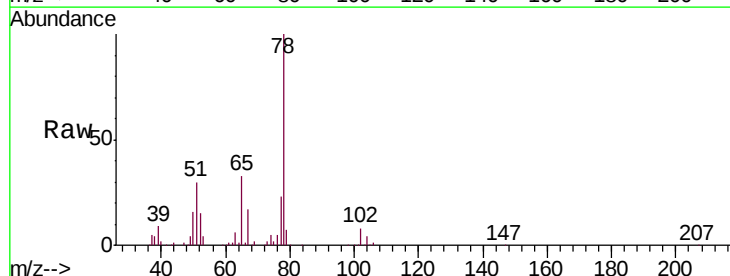
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

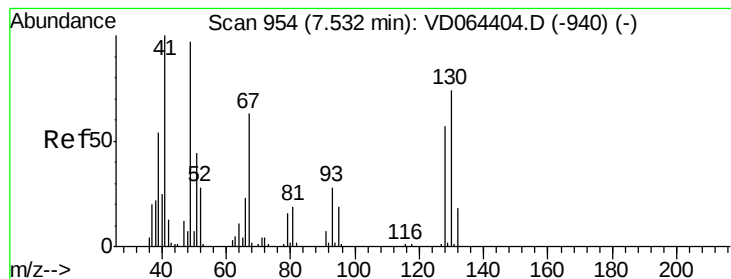
Tgt Ion: 83 Resp: 153640  
Ion Ratio Lower Upper  
83 100  
55 75.9 58.6 87.8  
98 48.3 40.9 61.3



#40  
Benzene  
Concen: 21.051 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 78 Resp: 351492  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.6 29.4





#41

Methacrylonitrile

Concen: 20.462 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBSD01

Tgt Ion: 41 Resp: 29934

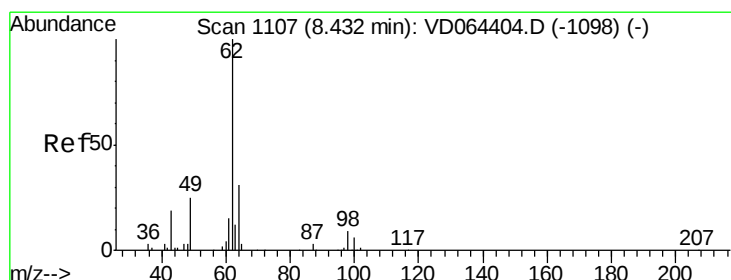
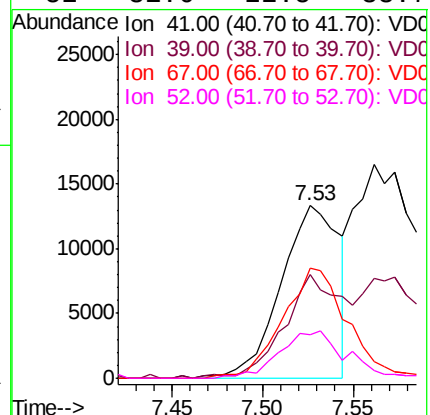
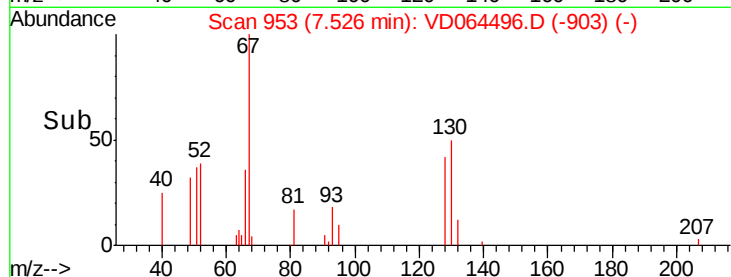
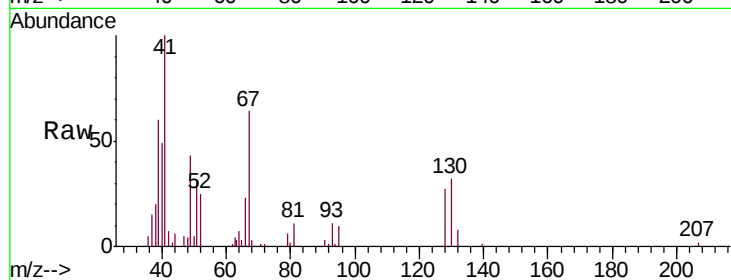
Ion Ratio Lower Upper

41 100

39 62.2 44.6 67.0

67 71.3 50.9 76.3

52 31.6 22.5 33.7



#42

1,2-Dichloroethane

Concen: 20.760 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064496.D

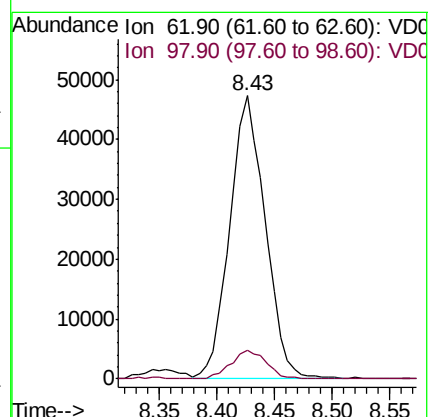
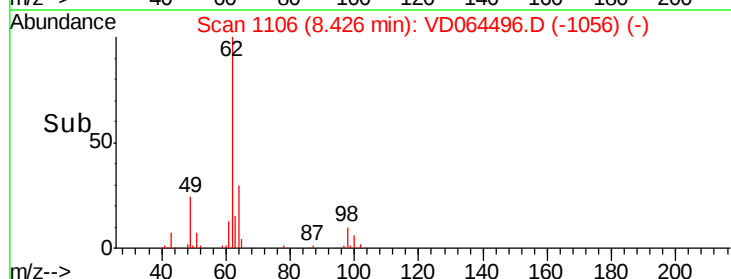
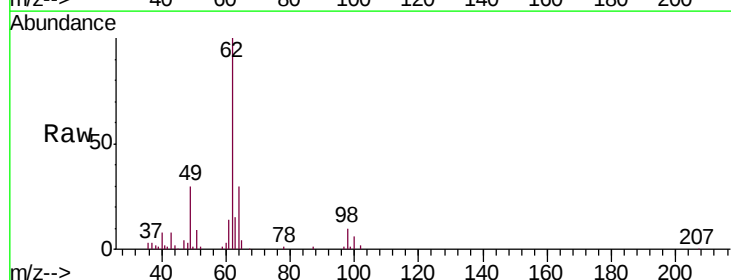
Acq: 11 Dec 2019 12:53

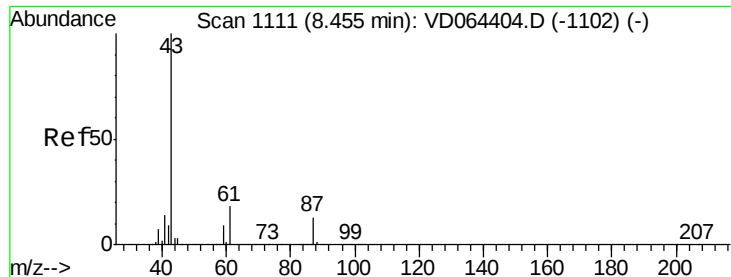
Tgt Ion: 62 Resp: 101088

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.305 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBS01

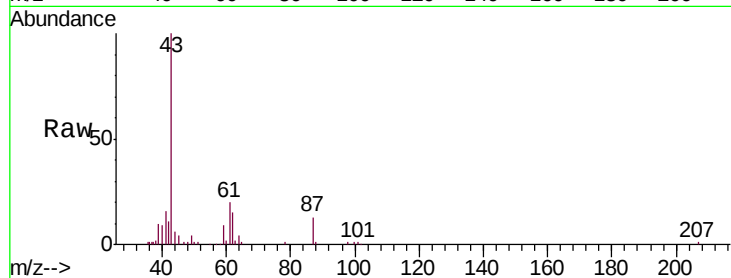
Tgt Ion: 43 Resp: 96824

Ion Ratio Lower Upper

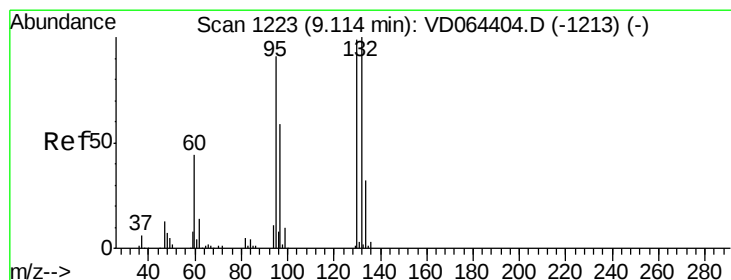
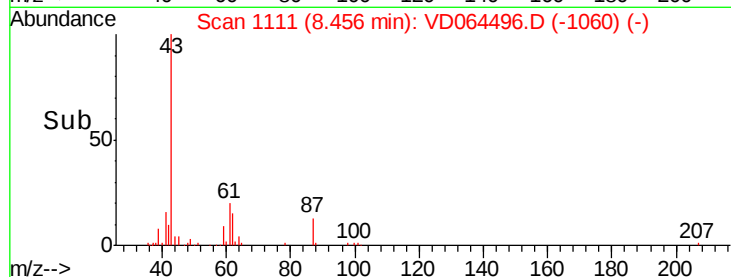
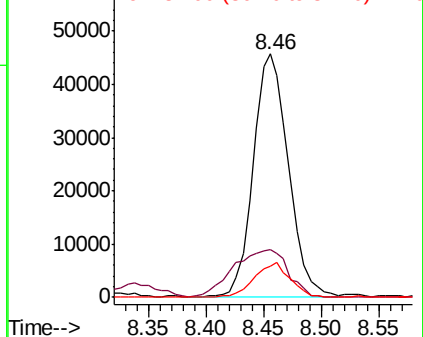
43 100

61 30.9 24.0 36.0

87 14.5 10.6 15.8



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



#44

Trichloroethene

Concen: 20.931 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD064496.D

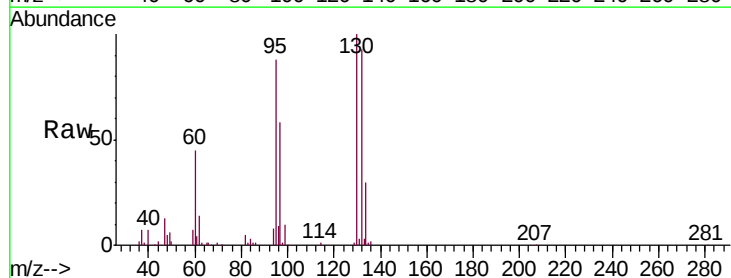
Acq: 11 Dec 2019 12:53

Tgt Ion: 130 Resp: 105273

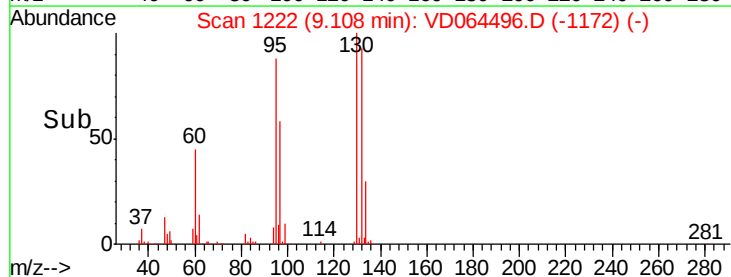
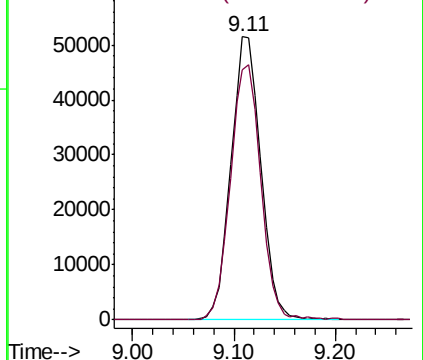
Ion Ratio Lower Upper

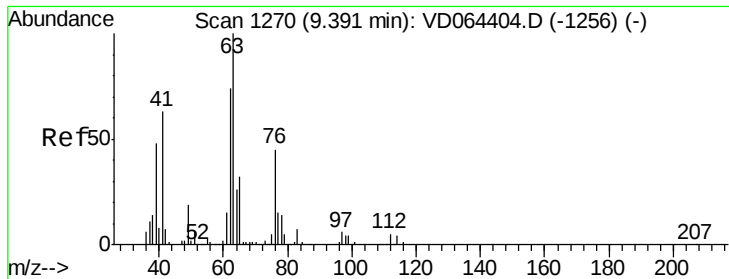
130 100

95 88.1 0.0 184.6



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





#45

1,2-Dichloropropane

Concen: 21.687 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

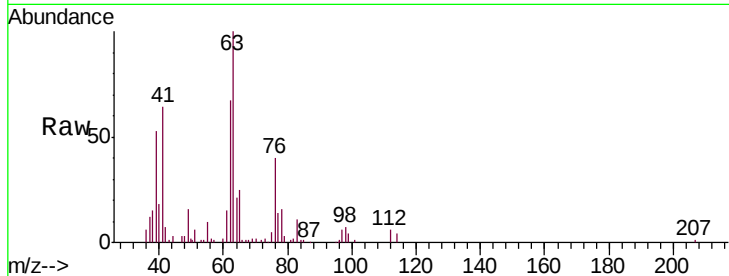
VD1211SBSD01

Tgt Ion: 63 Resp: 86600

Ion Ratio Lower Upper

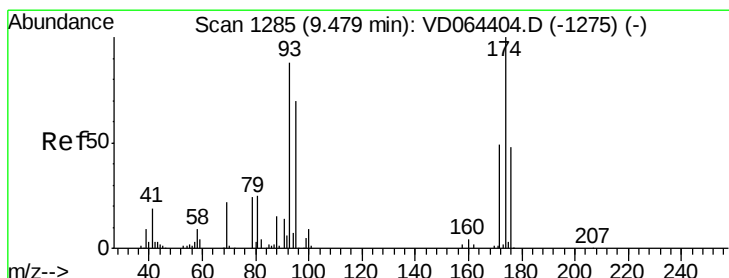
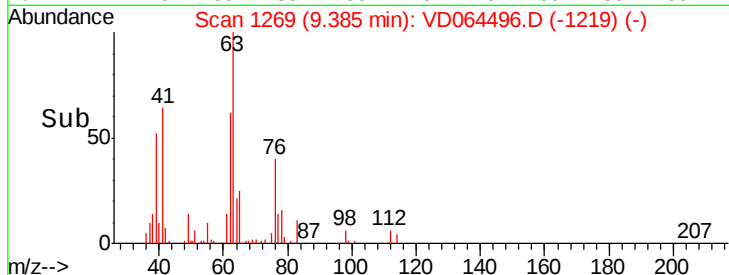
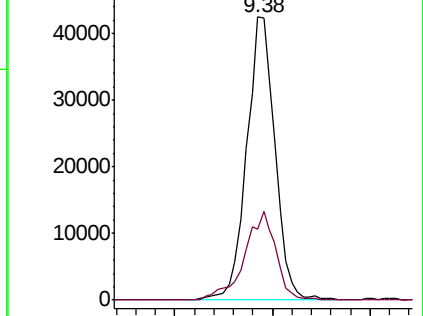
63 100

65 24.8 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.847 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

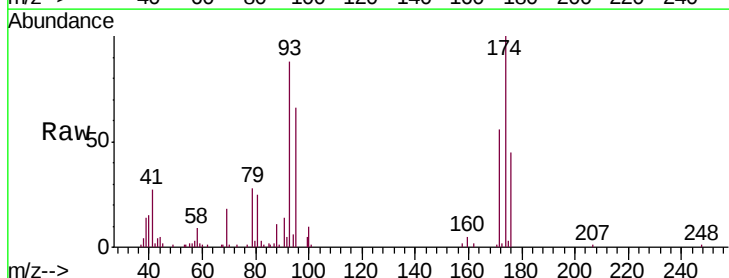
Tgt Ion: 93 Resp: 46984

Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

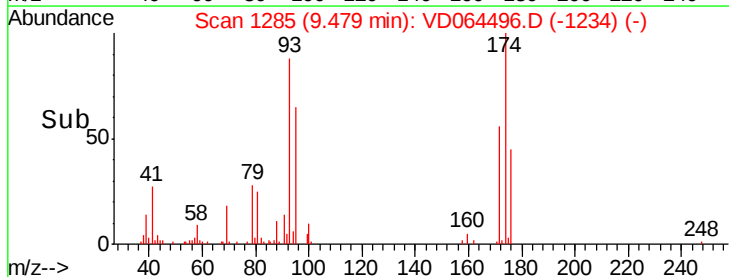
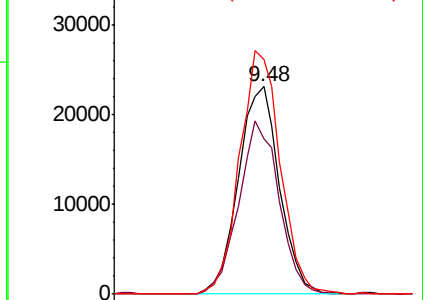
174 116.1 92.3 138.5

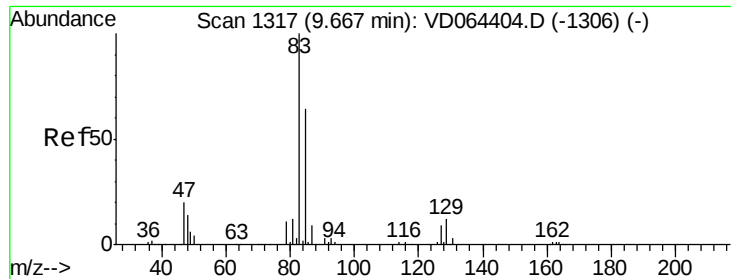


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

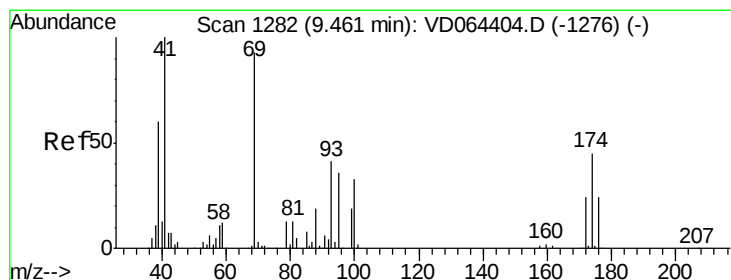
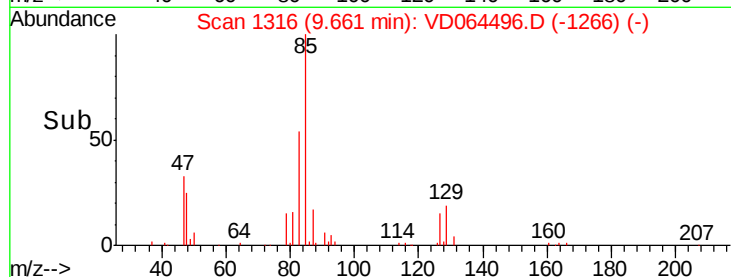
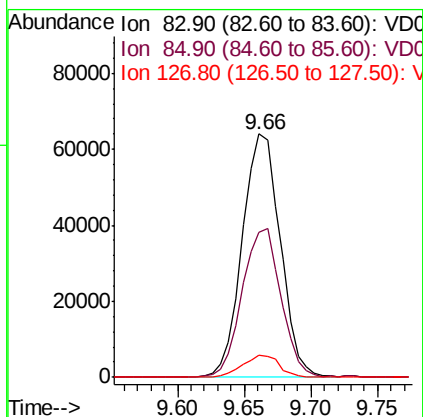
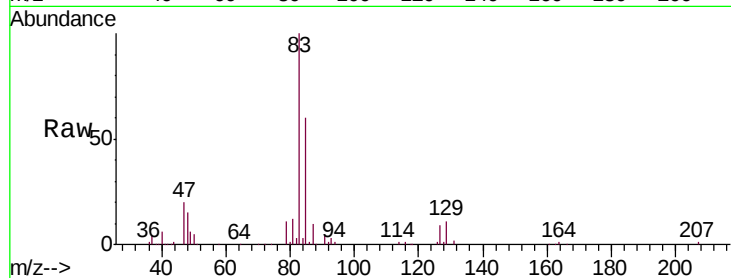




#47  
Bromodichloromethane  
Concen: 21.807 ug/l  
RT: 9.66 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

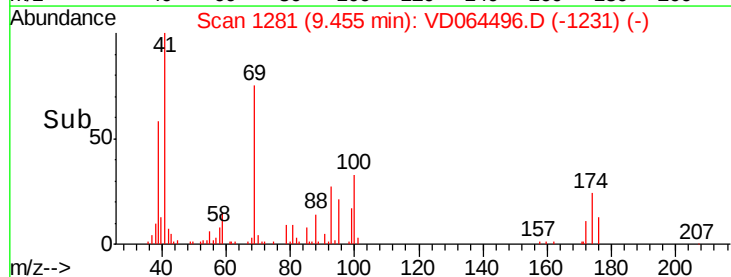
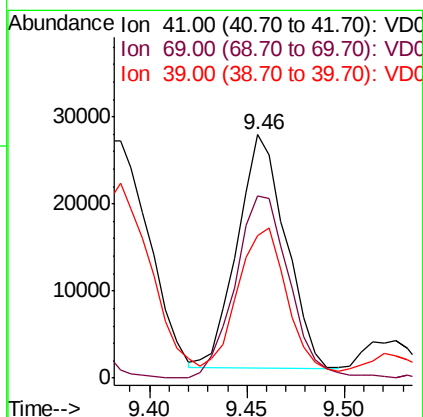
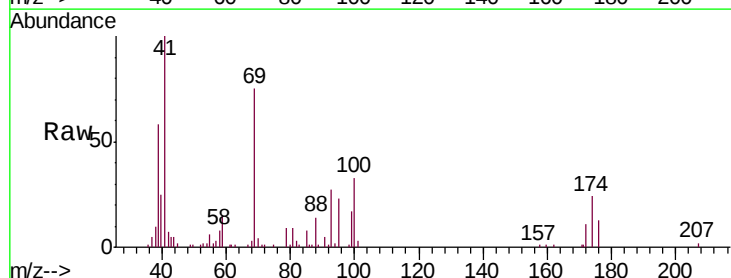
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

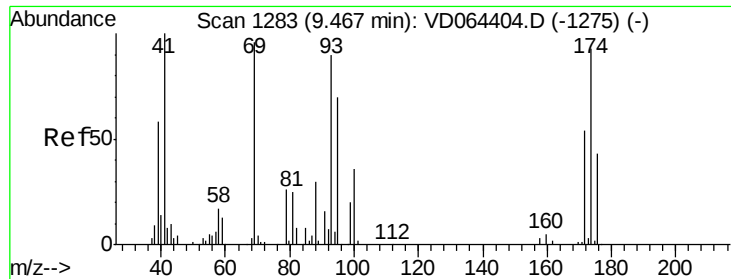
Tgt Ion: 83 Resp: 126285  
Ion Ratio Lower Upper  
83 100  
85 59.6 51.1 76.7  
127 9.1 7.4 11.0



#48  
Methyl methacrylate  
Concen: 20.105 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 41 Resp: 46143  
Ion Ratio Lower Upper  
41 100  
69 86.9 72.0 108.0  
39 60.8 55.2 82.8

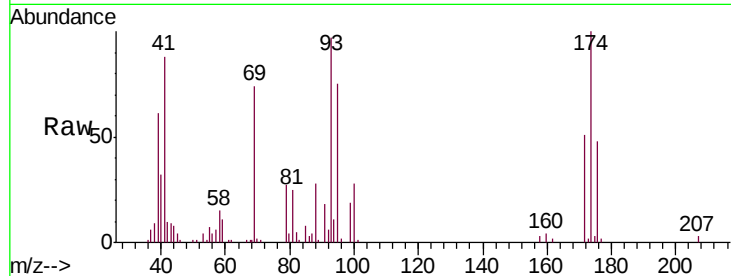




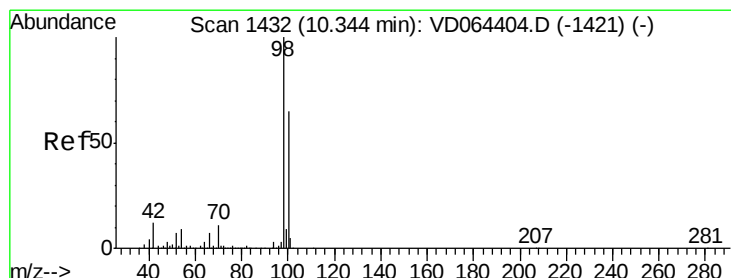
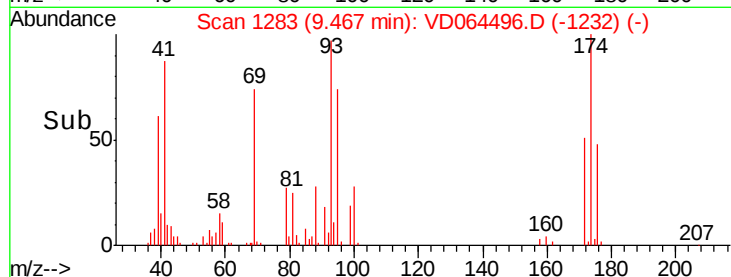
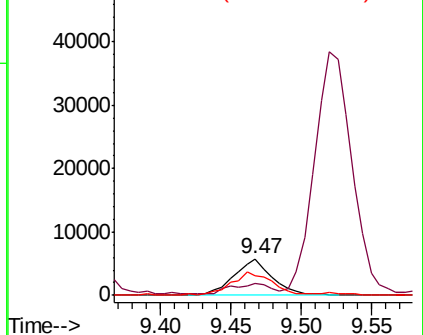
#49  
1,4-Dioxane  
Concen: 389.602 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Tgt Ion: 88 Resp: 10843  
Ion Ratio Lower Upper  
88 100  
43 29.7 26.7 40.1  
58 69.3 52.3 78.5

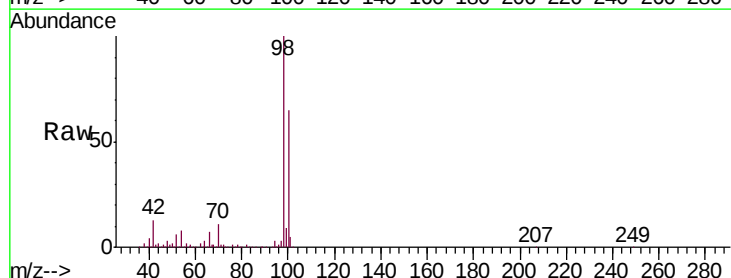


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

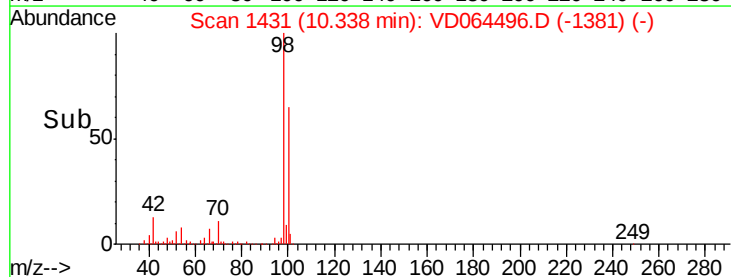
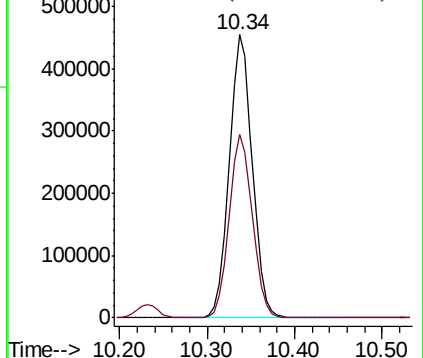


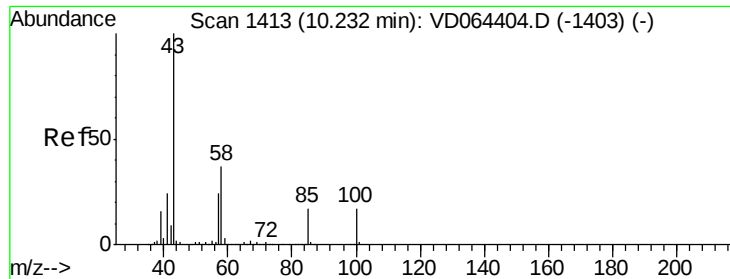
#50  
Toluene-d8  
Concen: 53.952 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 98 Resp: 813830  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC

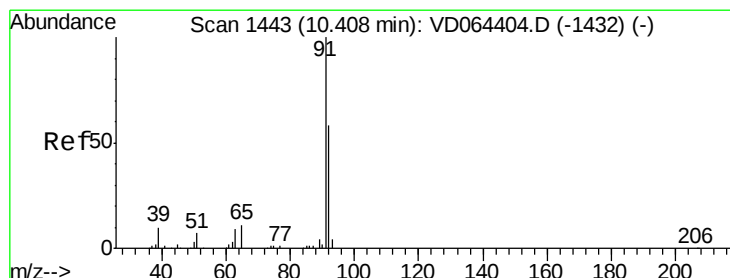
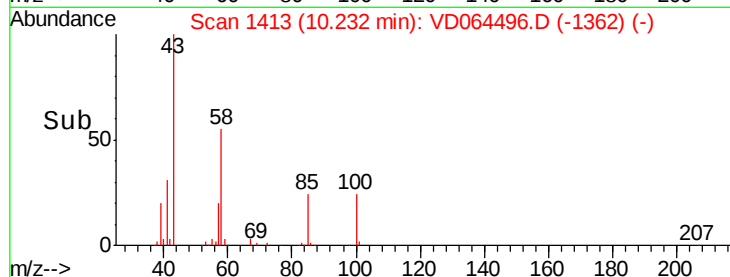
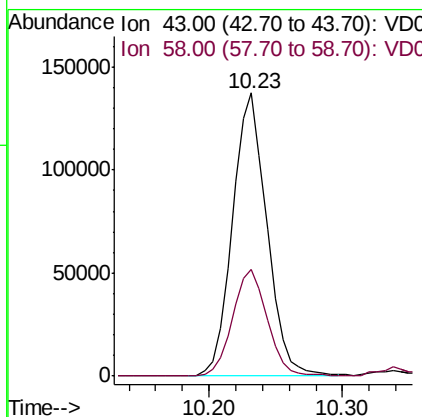
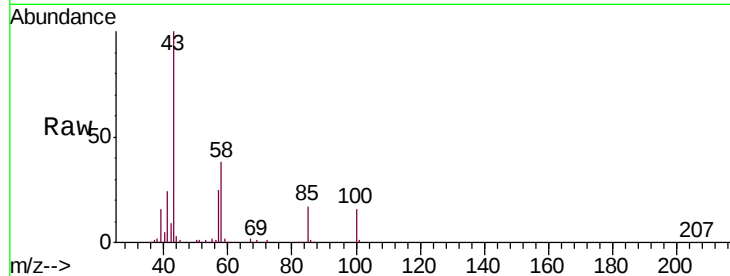




#51  
 4-Methyl-2-Pentanone  
 Concen: 98.471 ug/l  
 RT: 10.23 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

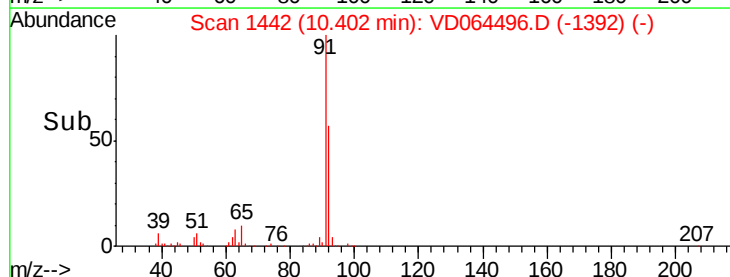
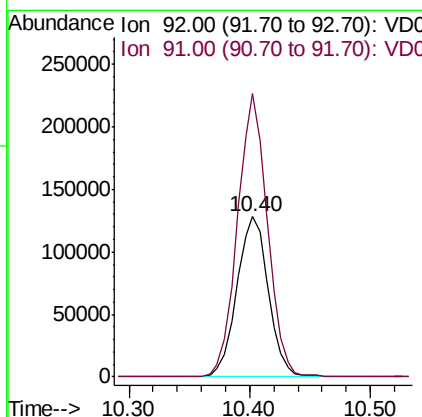
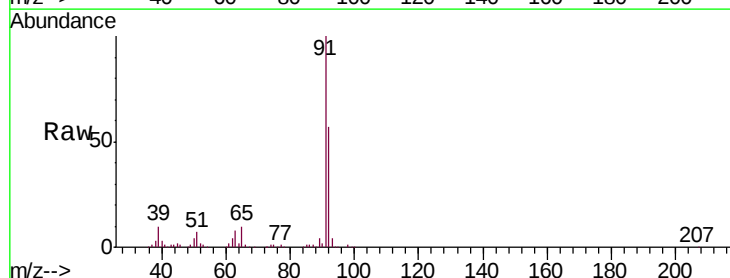
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

Tgt Ion: 43 Resp: 244371  
 Ion Ratio Lower Upper  
 43 100  
 58 38.1 30.6 46.0



#52  
 Toluene  
 Concen: 21.378 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 92 Resp: 232627  
 Ion Ratio Lower Upper  
 92 100  
 91 168.8 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 20.744 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

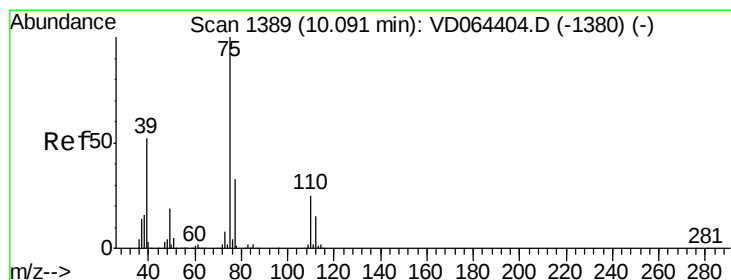
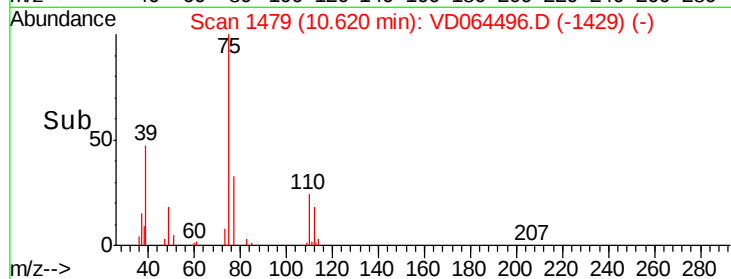
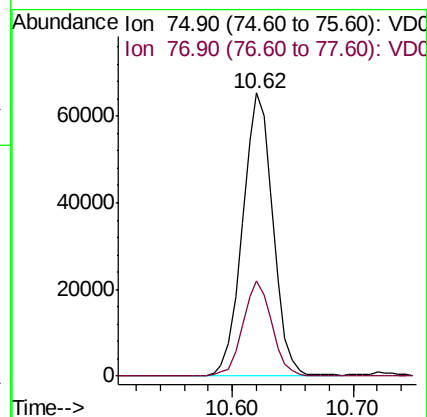
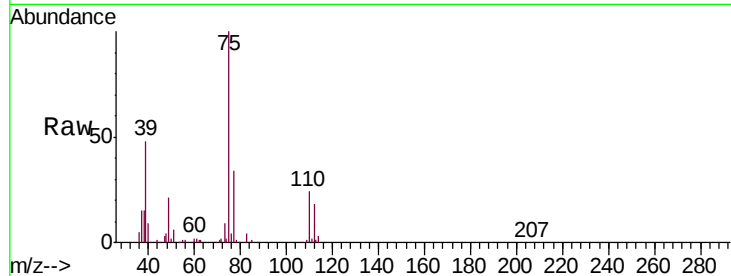
VD1211SBSD01

Tgt Ion: 75 Resp: 114488

Ion Ratio Lower Upper

75 100

77 33.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.333 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

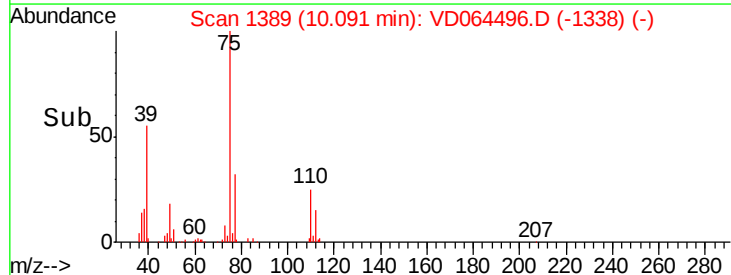
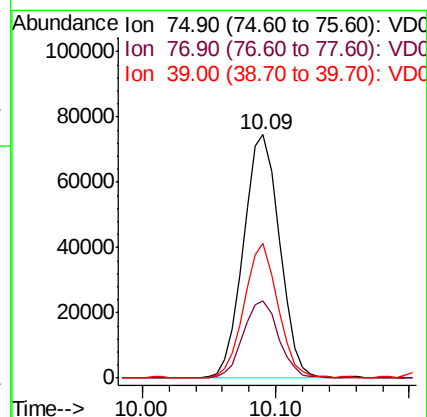
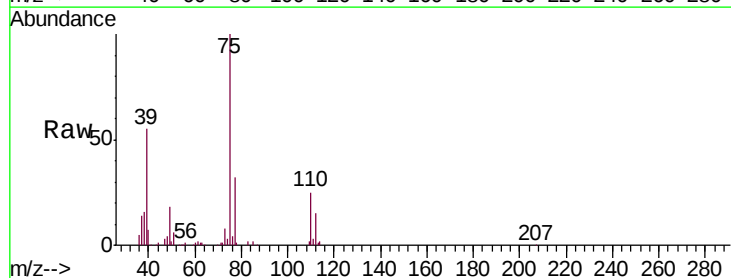
Tgt Ion: 75 Resp: 139867

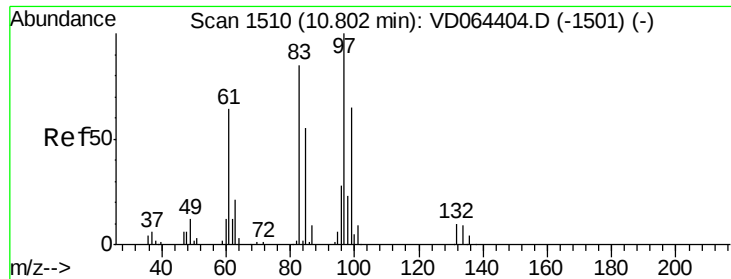
Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1

39 55.2 41.5 62.3

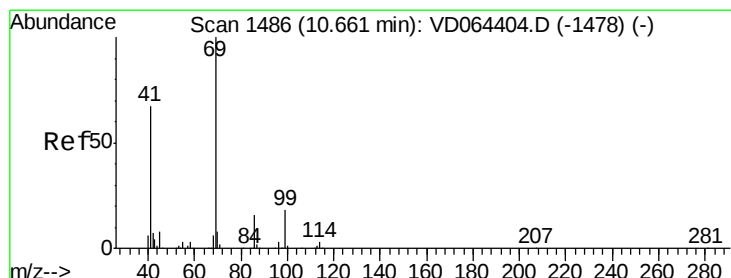
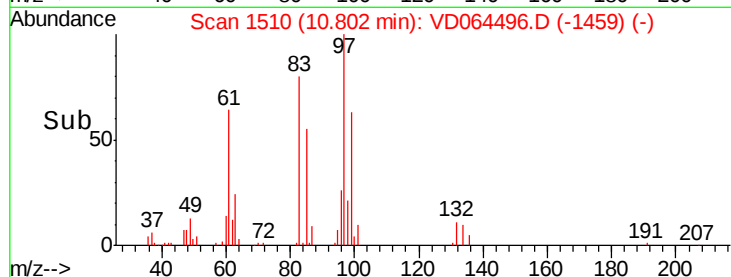
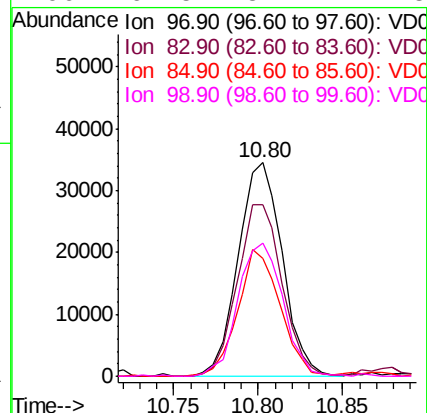
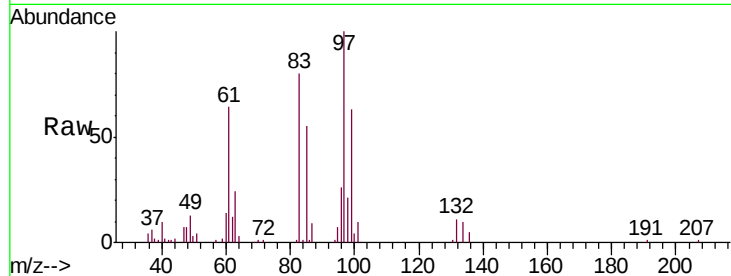




#55  
 1,1,2-Trichloroethane  
 Concen: 20.325 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

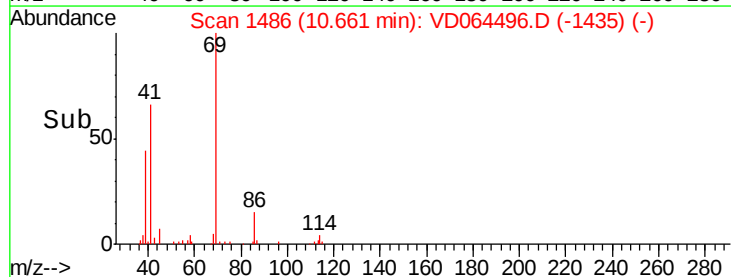
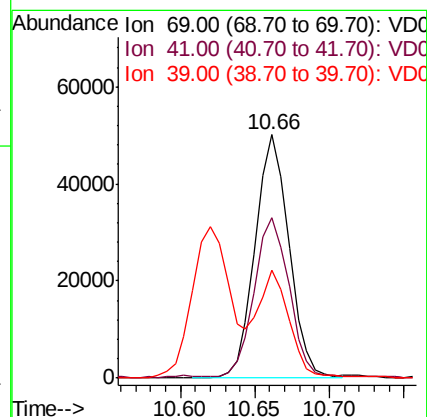
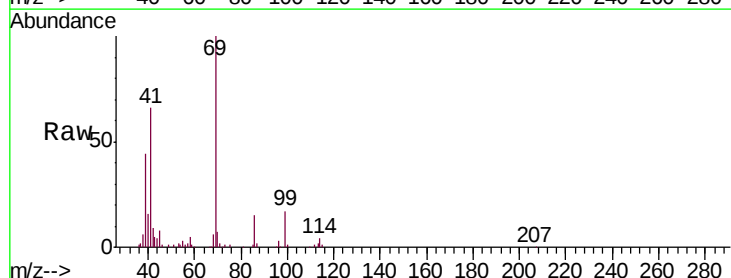
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

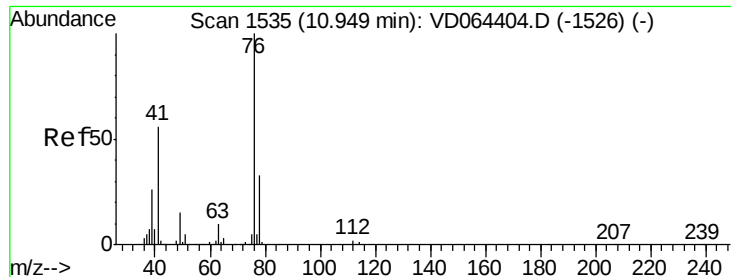
| Tgt Ion   | Resp  | Lower | Upper |
|-----------|-------|-------|-------|
| 97        | 62725 |       |       |
| Ion Ratio |       |       |       |
| 97        | 100   |       |       |
| 83        | 80.4  | 67.8  | 101.8 |
| 85        | 54.5  | 43.7  | 65.5  |
| 99        | 62.5  | 51.7  | 77.5  |



#56  
 Ethyl methacrylate  
 Concen: 20.010 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

| Tgt Ion   | Resp  | Lower | Upper |
|-----------|-------|-------|-------|
| 69        | 78761 |       |       |
| Ion Ratio |       |       |       |
| 69        | 100   |       |       |
| 41        | 67.1  | 55.0  | 82.4  |
| 39        | 41.6  | 33.0  | 49.6  |

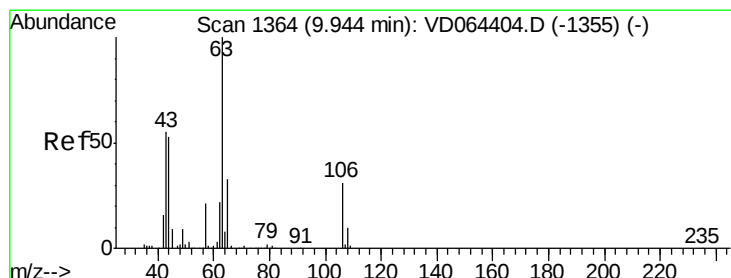
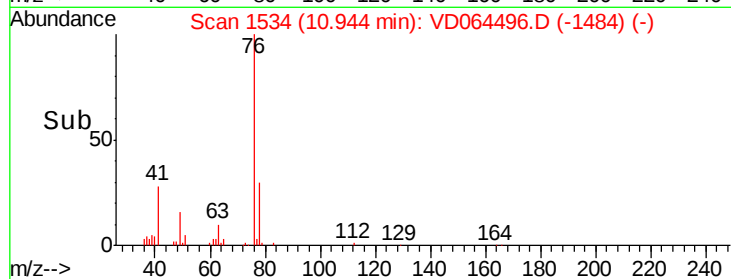
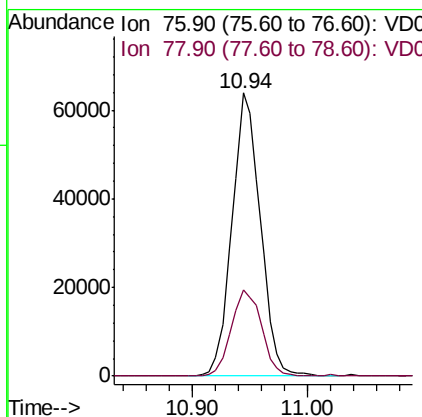
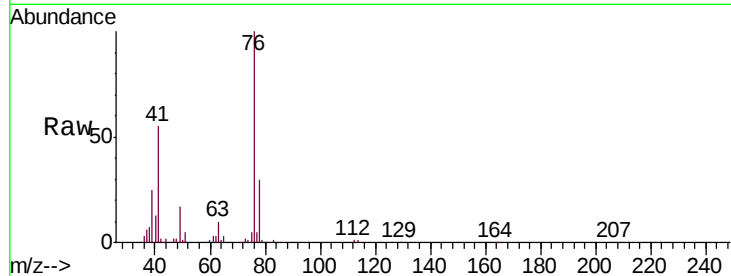




#57  
 1,3-Dichloropropane  
 Concen: 20.668 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

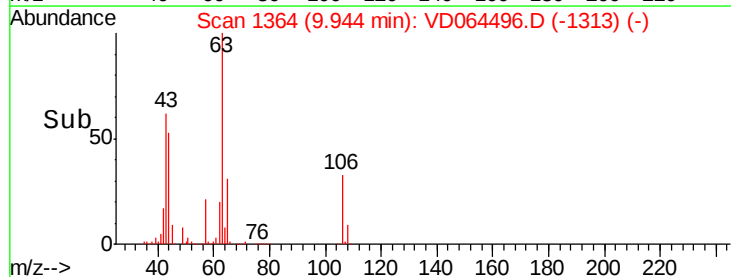
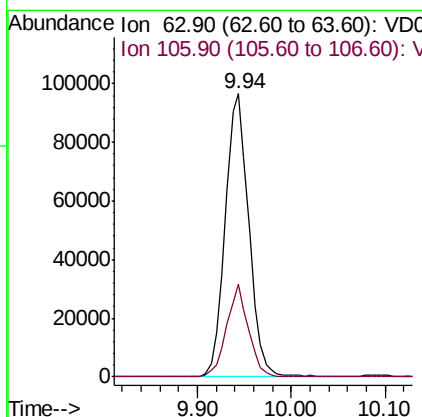
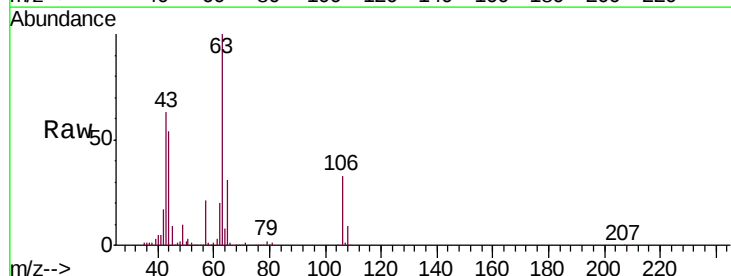
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

Tgt Ion: 76 Resp: 108574  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 107.024 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 63 Resp: 167929  
 Ion Ratio Lower Upper  
 63 100  
 106 30.2 24.2 36.4

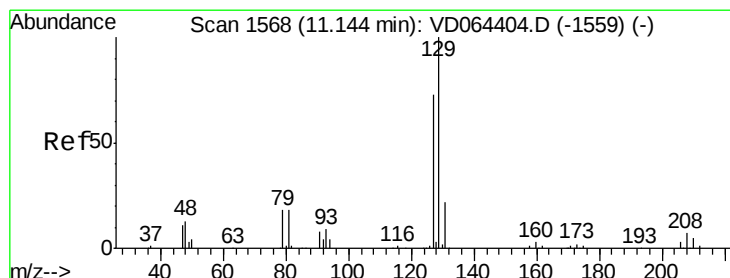
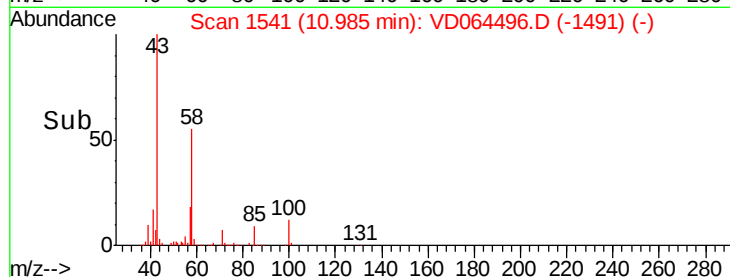
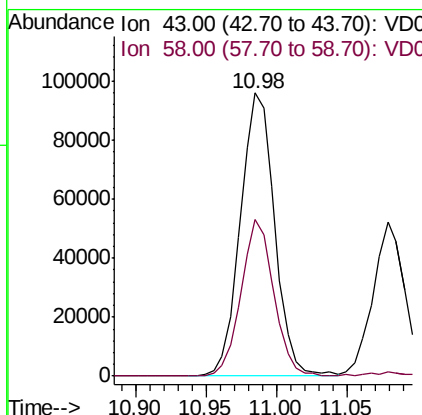
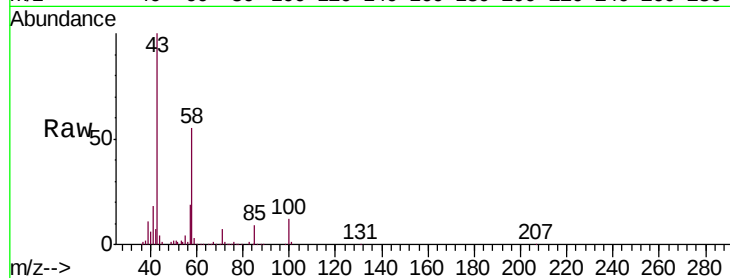




#59  
2-Hexanone  
Concen: 94.955 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

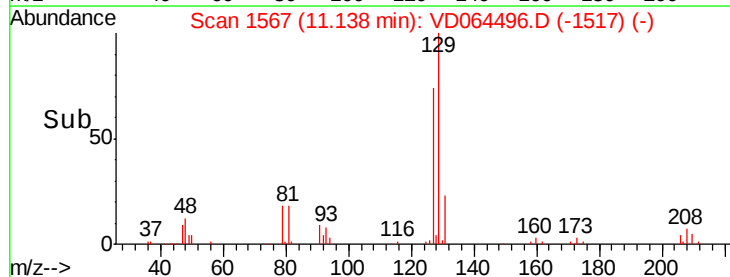
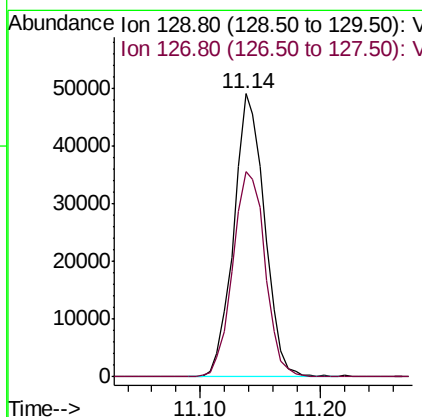
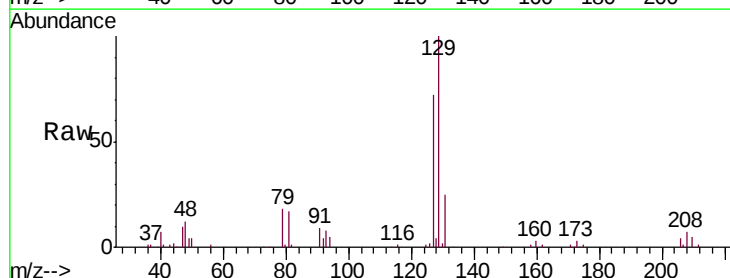
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

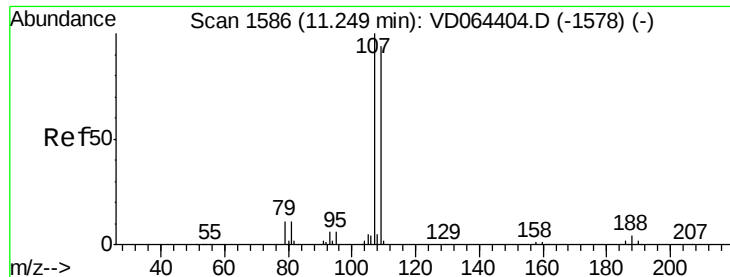
Tgt Ion: 43 Resp: 163512  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.3 78.8



#60  
Dibromochloromethane  
Concen: 20.926 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 129 Resp: 87560  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.1 114.3

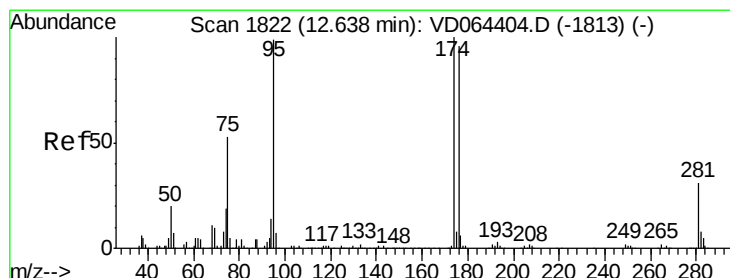
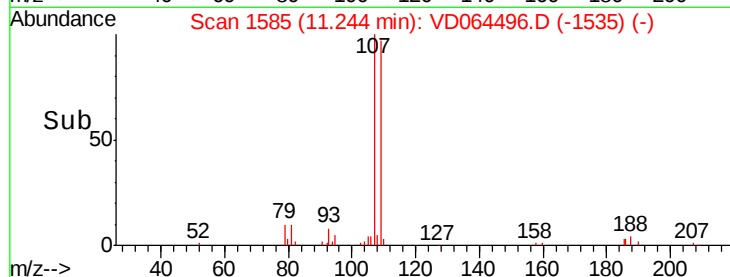
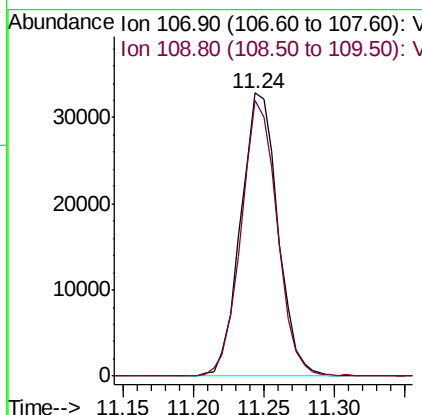
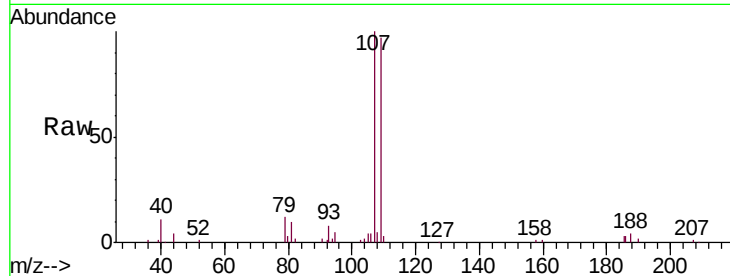




#61  
 1,2-Dibromoethane  
 Concen: 19.673 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

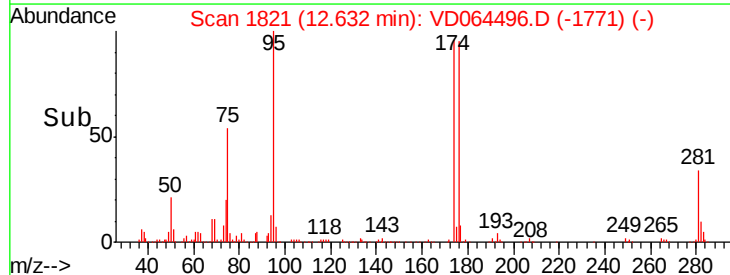
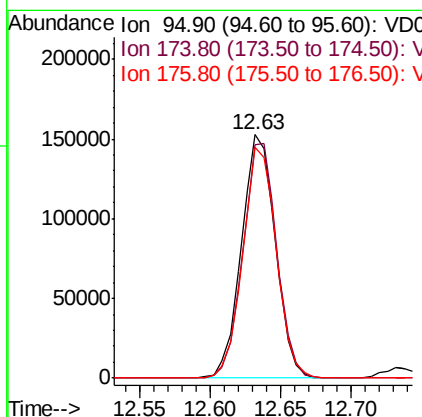
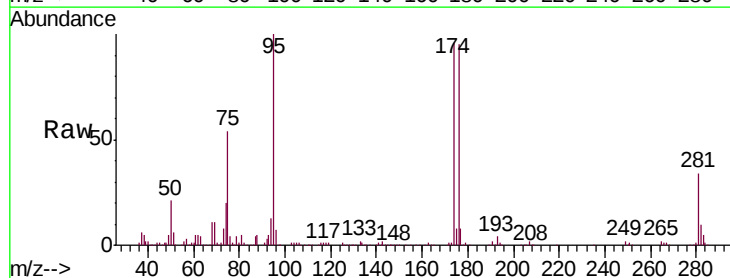
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

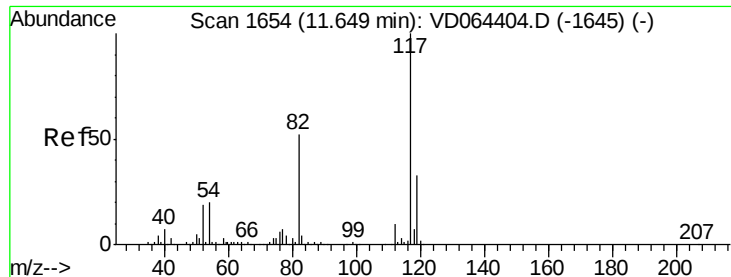
Tgt Ion: 107 Resp: 60618  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 76.2 114.2



#62  
 4-Bromofluorobenzene  
 Concen: 52.965 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 95 Resp: 256758  
 Ion Ratio Lower Upper  
 95 100  
 174 96.5 0.0 197.2  
 176 94.0 0.0 189.6

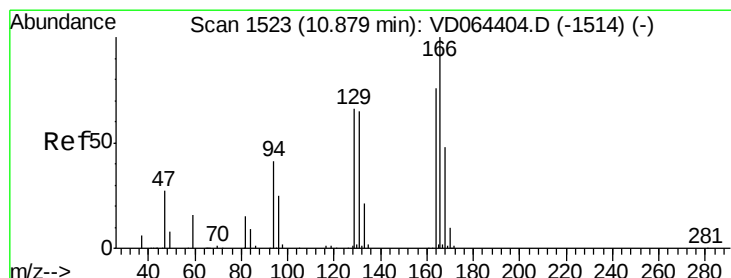
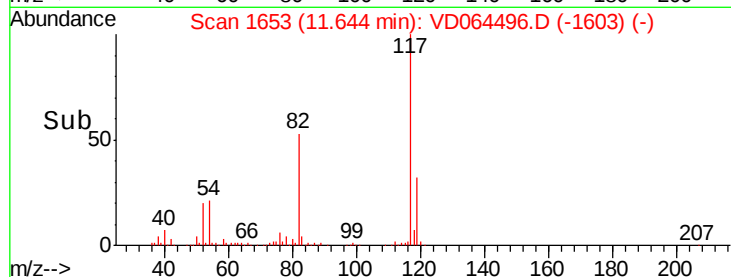
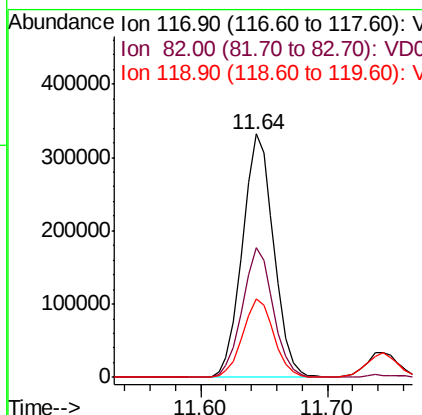
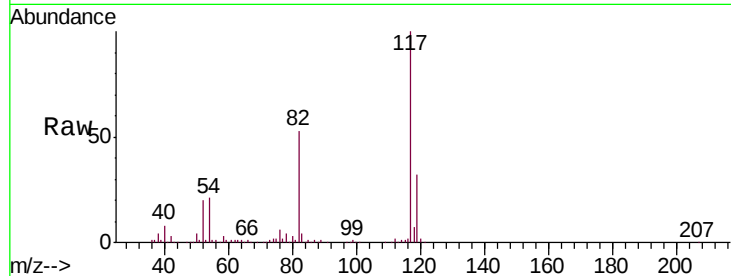




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

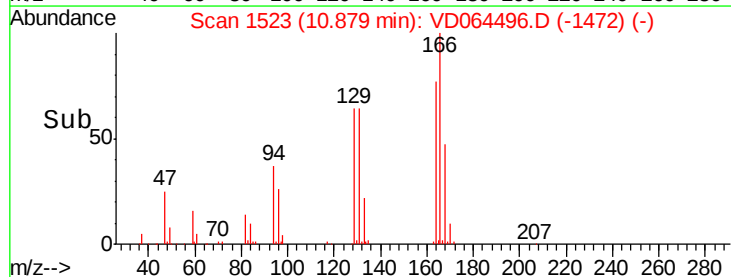
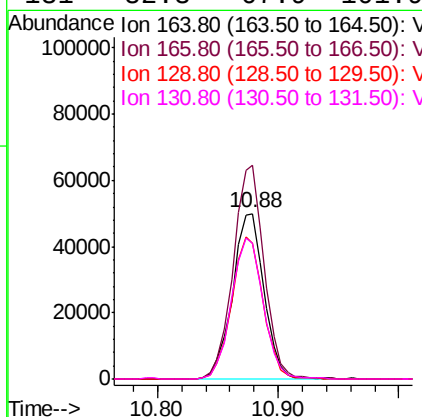
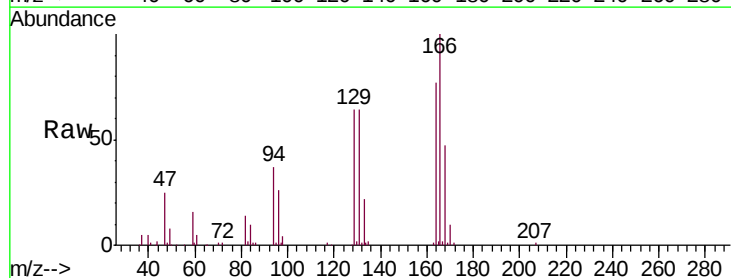
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

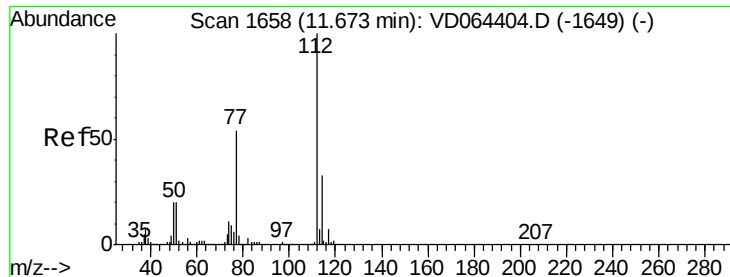
Tgt Ion:117 Resp: 569423  
Ion Ratio Lower Upper  
117 100  
82 53.5 41.4 62.2  
119 32.4 26.2 39.2



#64  
Tetrachloroethene  
Concen: 20.908 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion:164 Resp: 90789  
Ion Ratio Lower Upper  
164 100  
166 129.1 104.8 157.2  
129 82.3 68.7 103.1  
131 82.3 67.9 101.9





#65

Chlorobenzene

Concen: 20.358 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

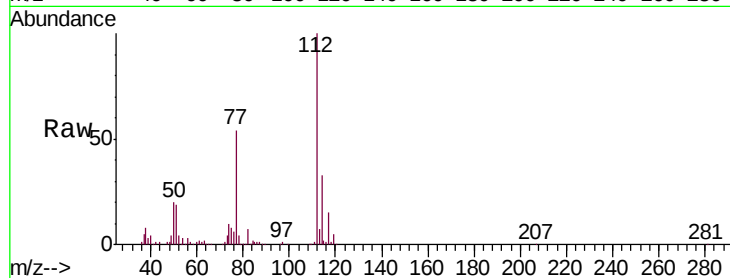
VD1211SBS01

Tgt Ion:112 Resp: 241779

Ion Ratio Lower Upper

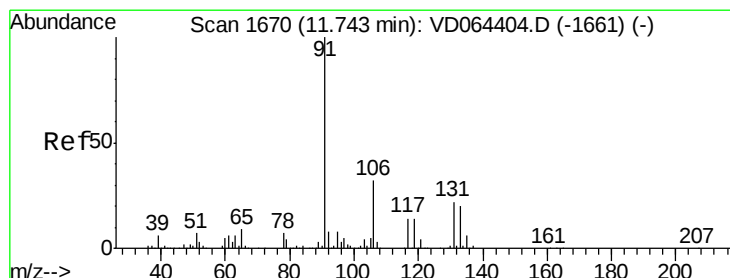
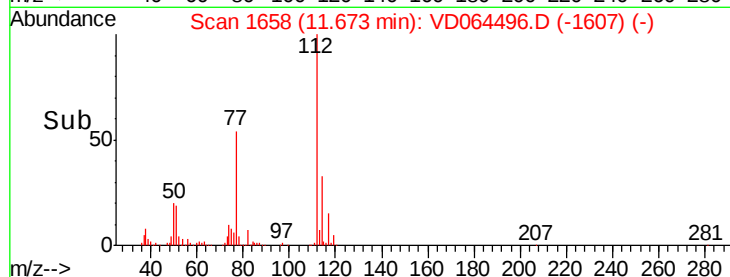
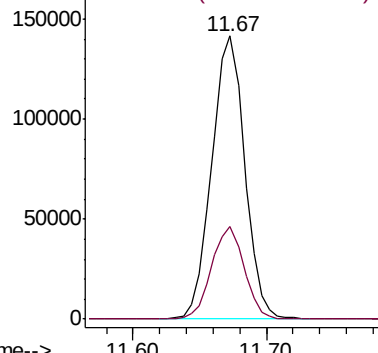
112 100

114 32.8 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.046 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

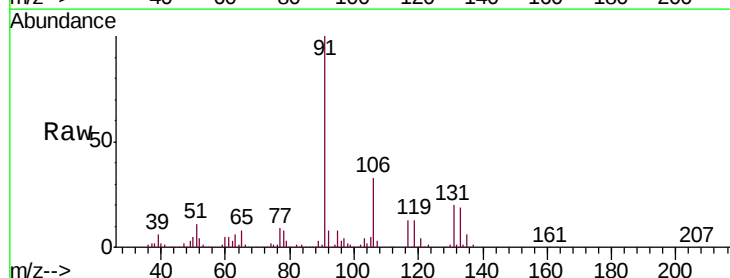
Tgt Ion:131 Resp: 92526

Ion Ratio Lower Upper

131 100

133 95.2 48.3 144.9

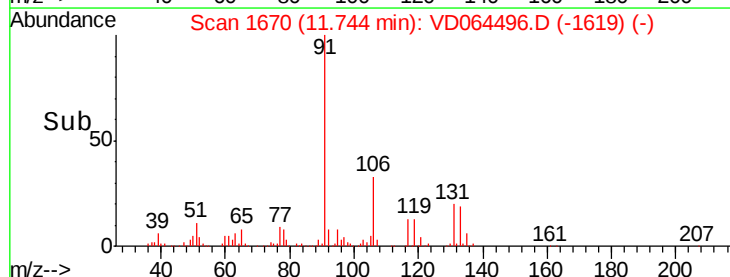
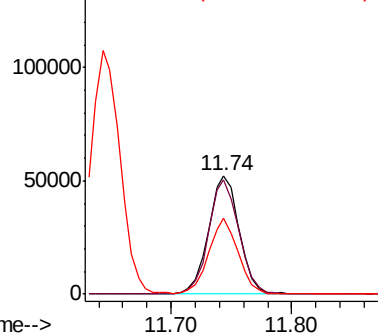
119 61.6 31.9 95.9

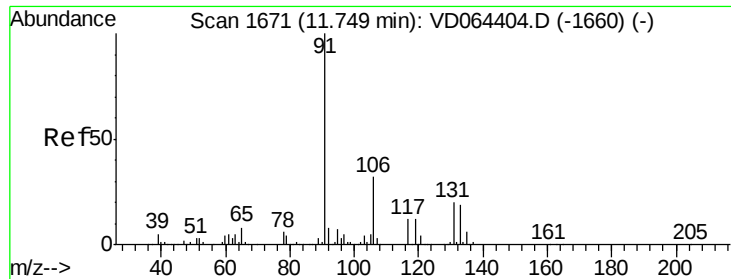


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.528 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

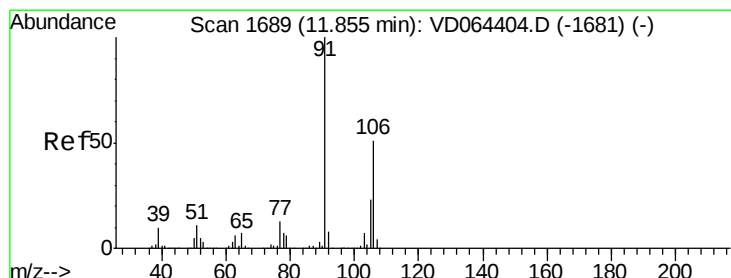
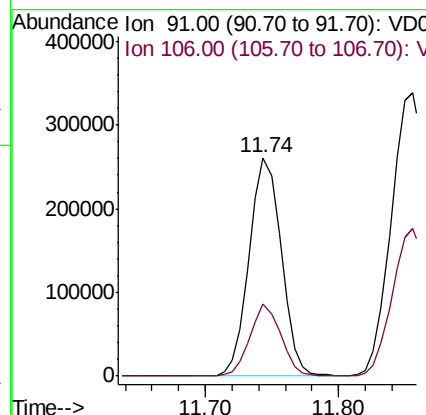
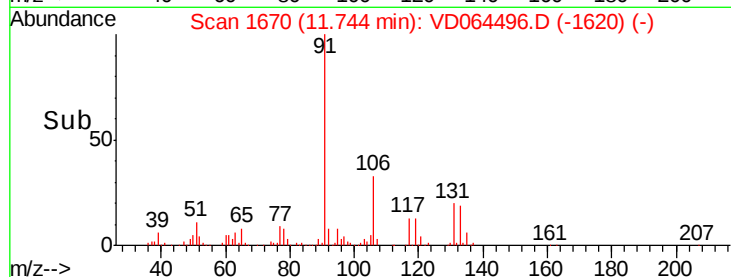
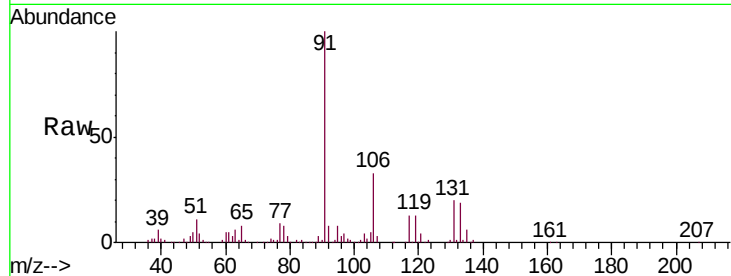
VD1211SBSD01

Tgt Ion: 91 Resp: 433770

Ion Ratio Lower Upper

91 100

106 33.0 25.8 38.8



#68

m/p-Xylenes

Concen: 41.708 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064496.D

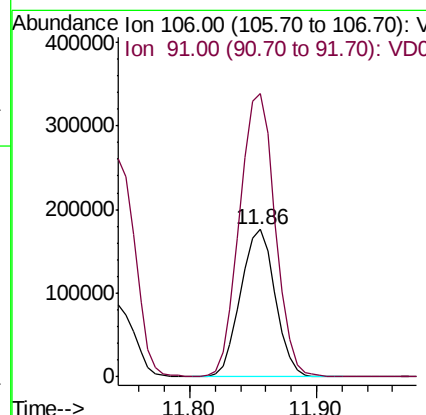
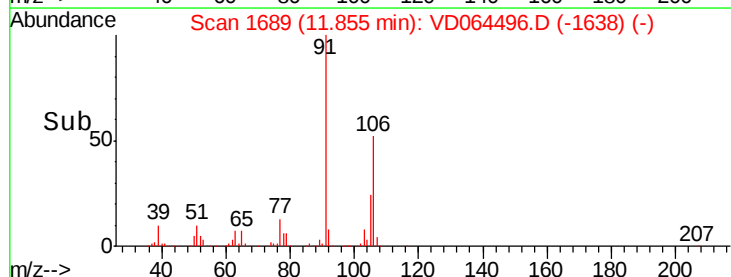
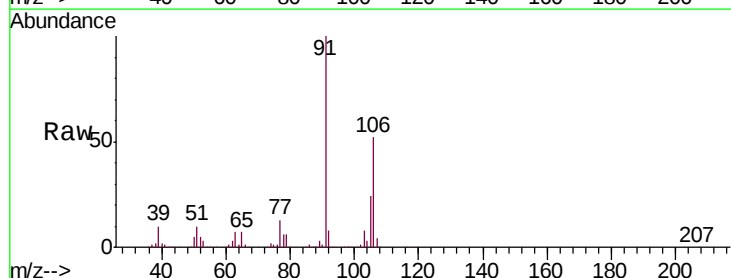
Acq: 11 Dec 2019 12:53

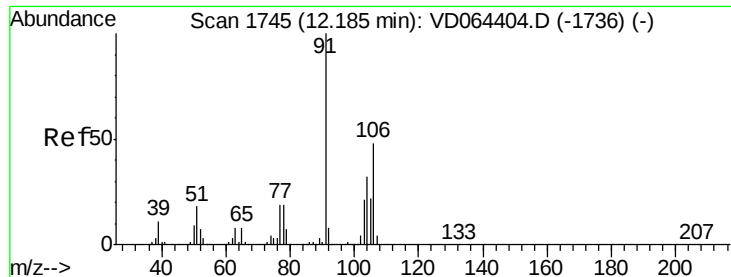
Tgt Ion: 106 Resp: 336036

Ion Ratio Lower Upper

106 100

91 196.8 157.4 236.2

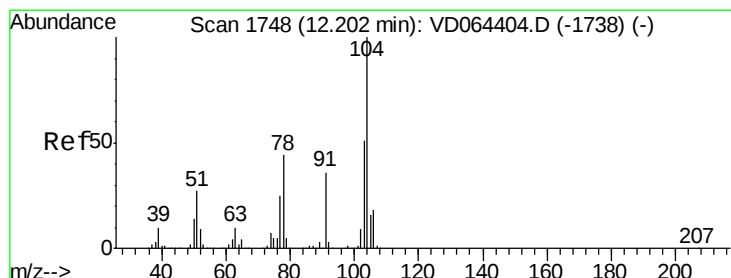
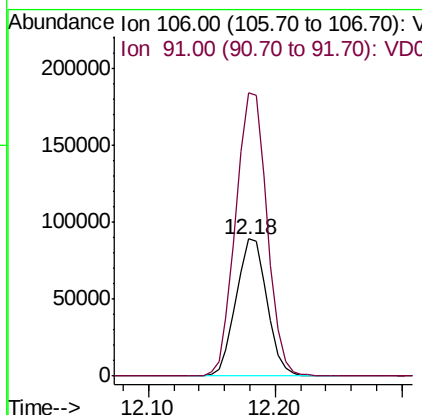
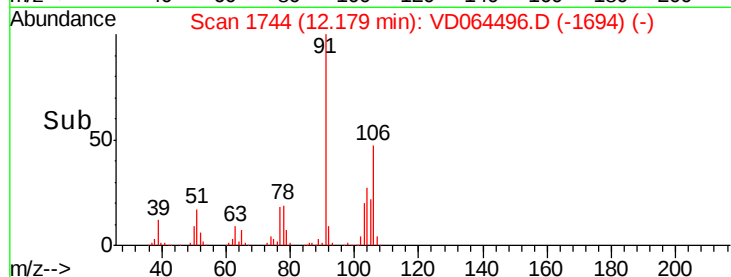
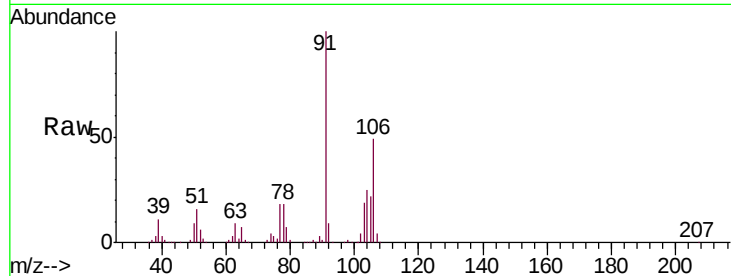




#69  
o-Xylene  
Concen: 20.370 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

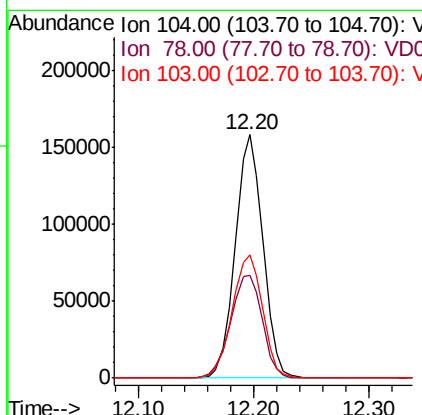
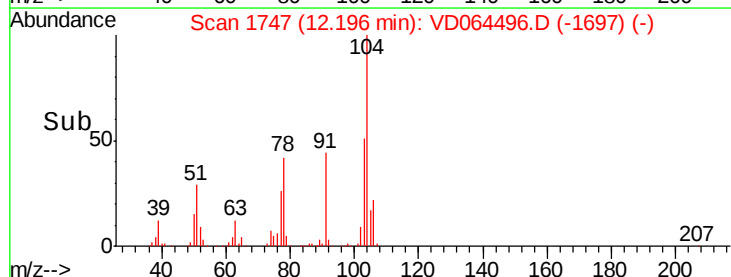
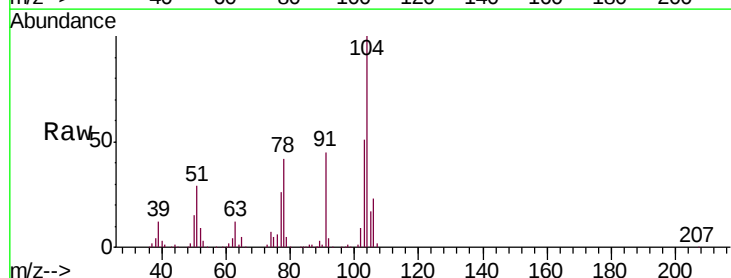
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

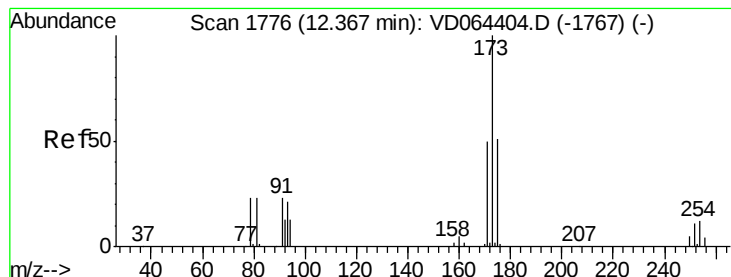
Tgt Ion:106 Resp: 151570  
Ion Ratio Lower Upper  
106 100  
91 209.2 103.8 311.4



#70  
Styrene  
Concen: 20.402 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion:104 Resp: 263813  
Ion Ratio Lower Upper  
104 100  
78 48.3 38.8 58.2  
103 55.2 44.2 66.4





#71

Bromoform

Concen: 19.989 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBSD01

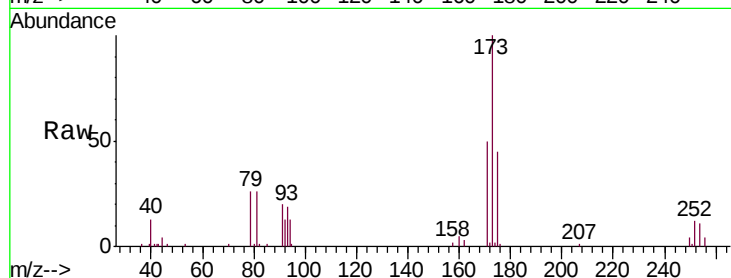
Tgt Ion:173 Resp: 52578

Ion Ratio Lower Upper

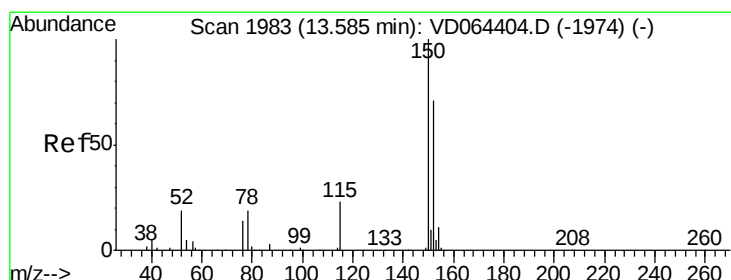
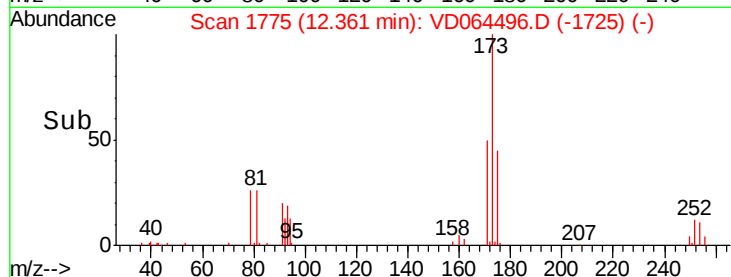
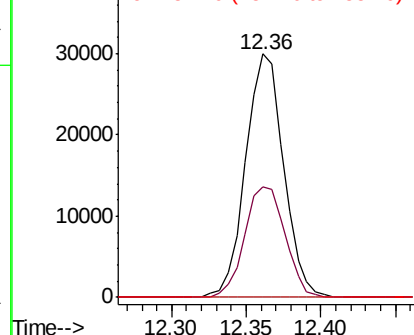
173 100

175 48.5 25.3 75.8

254 0.0 0.0 0.0



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: VD064496.D

Acq: 11 Dec 2019 12:53

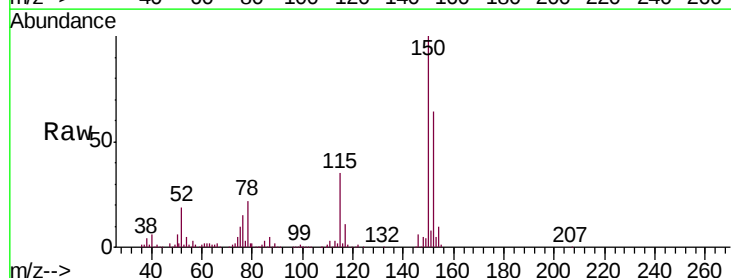
Tgt Ion:152 Resp: 287379

Ion Ratio Lower Upper

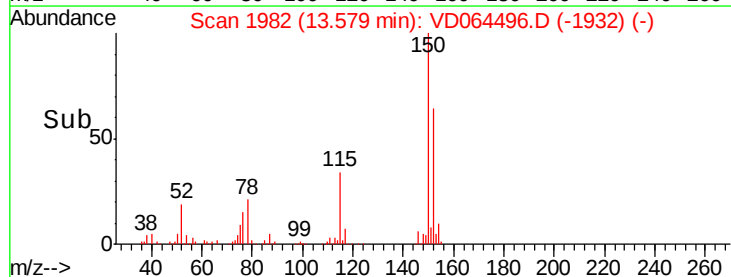
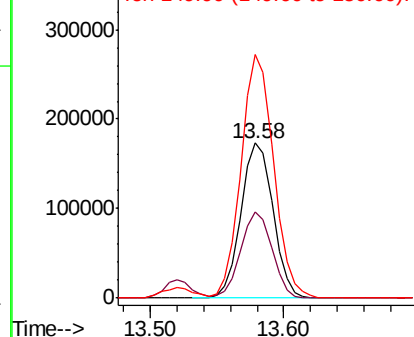
152 100

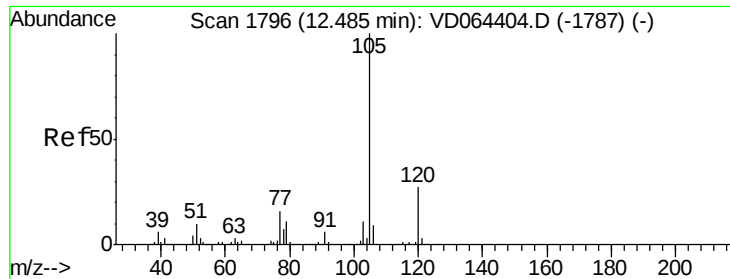
115 54.7 26.7 80.1

150 160.2 0.0 347.2



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: 20.314 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

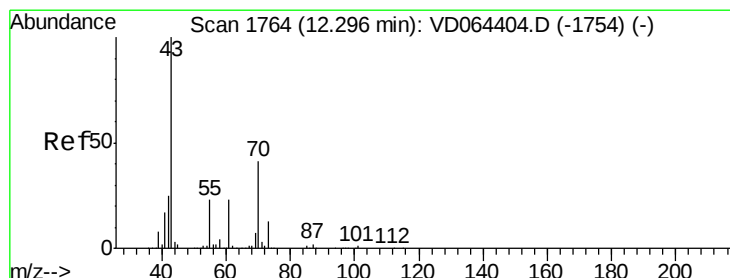
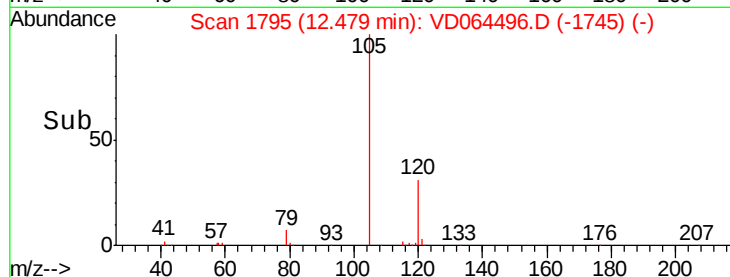
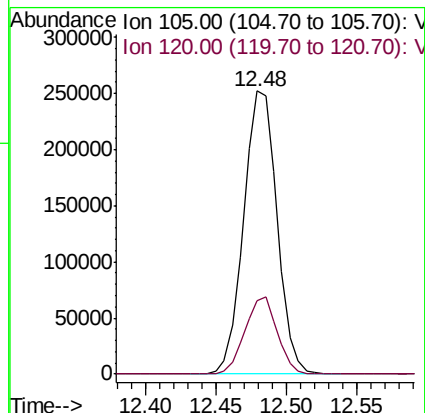
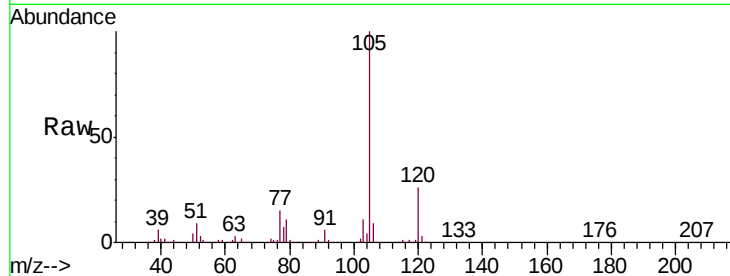
VD1211SBSD01

Tgt Ion: 105 Resp: 419854

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 18.494 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Tgt Ion: 43 Resp: 86756

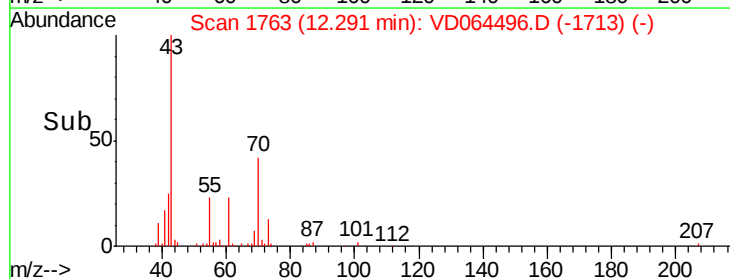
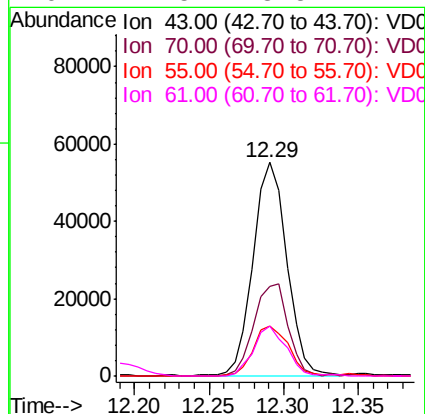
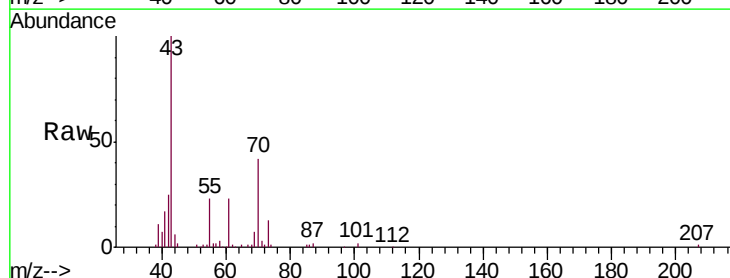
Ion Ratio Lower Upper

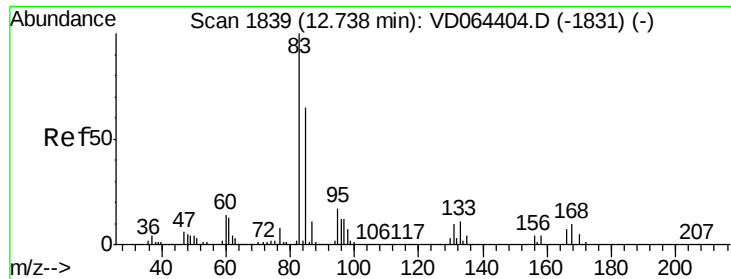
43 100

70 43.4 33.4 50.2

55 24.5 18.9 28.3

61 22.5 18.5 27.7

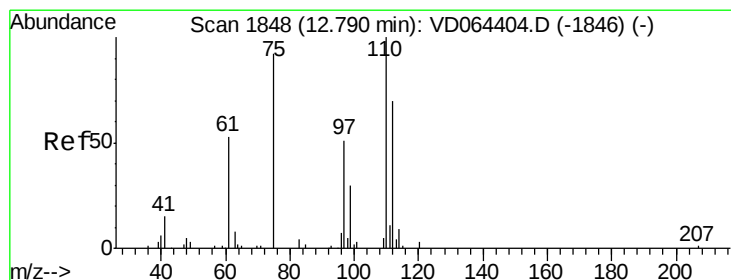
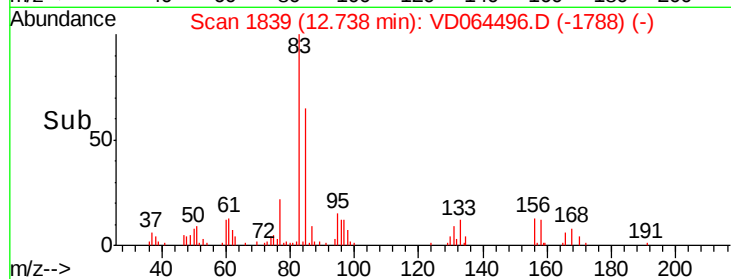
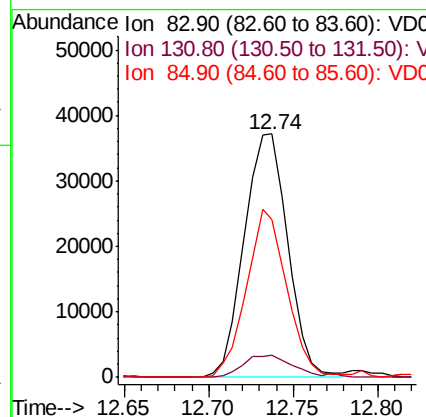
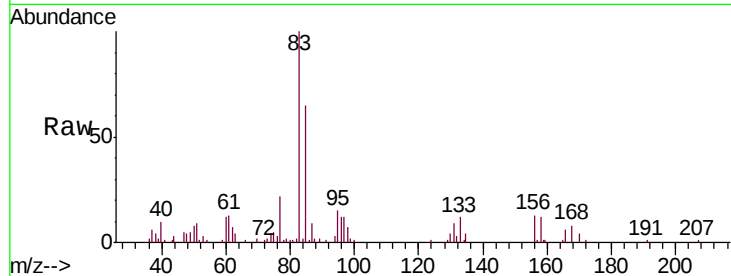




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.573 ug/l  
 RT: 12.74 min Scan# 1839  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

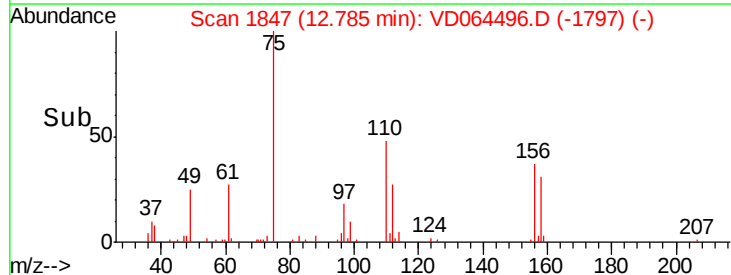
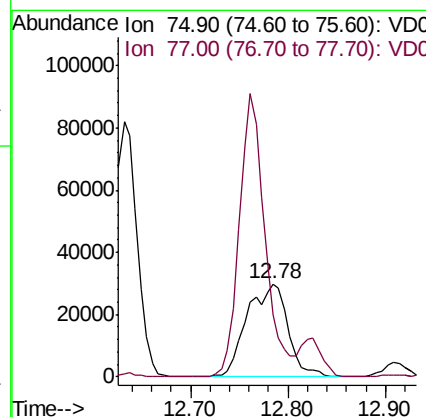
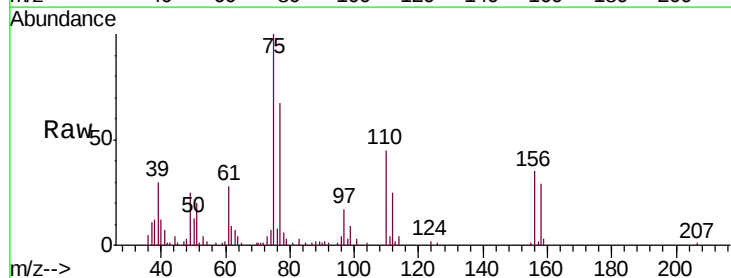
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

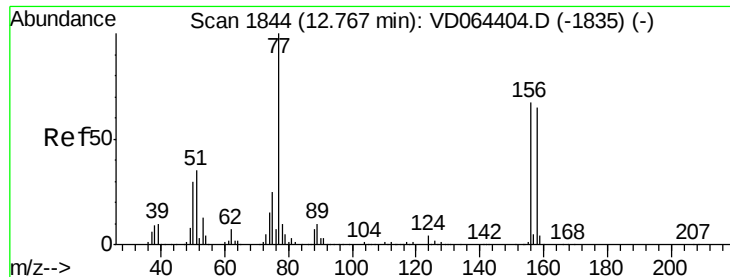
Tgt Ion: 83 Resp: 66900  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.7 17.0  
 85 63.6 31.3 93.9



#76  
 1,2,3-Trichloropropane  
 Concen: 37.045 ug/l  
 RT: 12.78 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 75 Resp: 87548  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

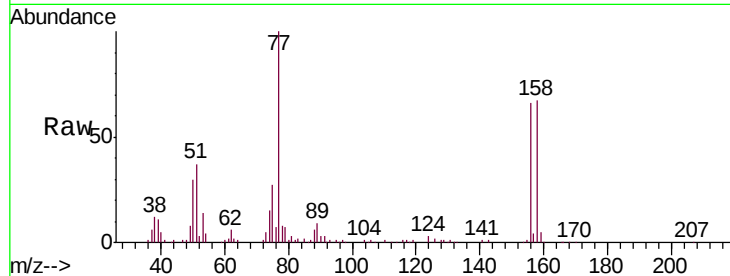




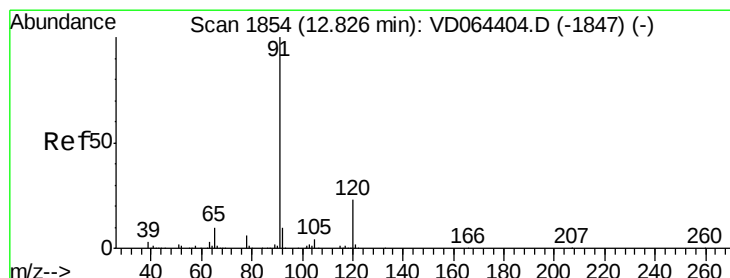
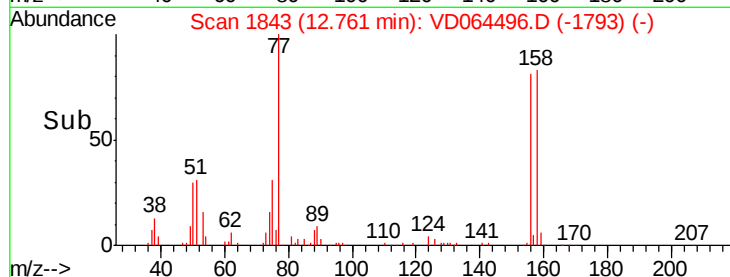
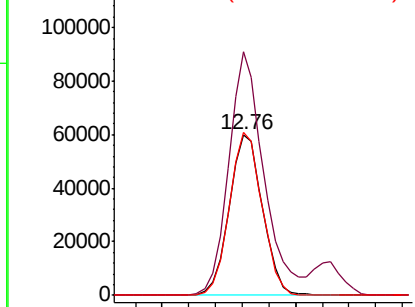
#77  
Bromobenzene  
Concen: 20.360 ug/l  
RT: 12.76 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

Tgt Ion:156 Resp: 103920  
Ion Ratio Lower Upper  
156 100  
77 161.7 80.0 240.2  
158 99.5 48.9 146.6

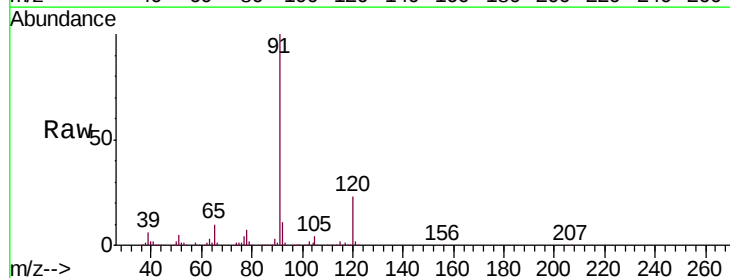


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VDC  
Ion 157.80 (157.50 to 158.50): V

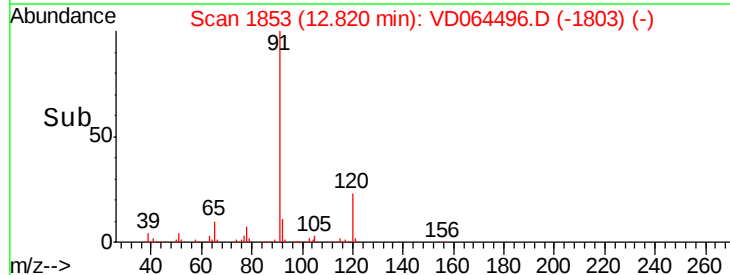
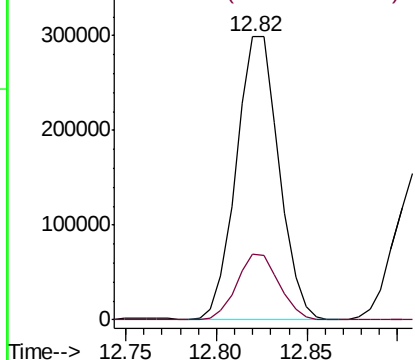


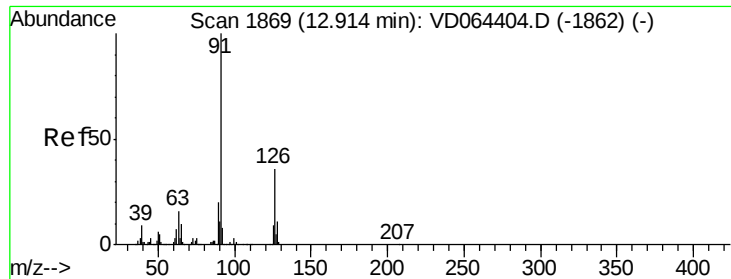
#78  
n-propylbenzene  
Concen: 20.495 ug/l  
RT: 12.82 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 91 Resp: 488755  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.00 (119.70 to 120.70): V

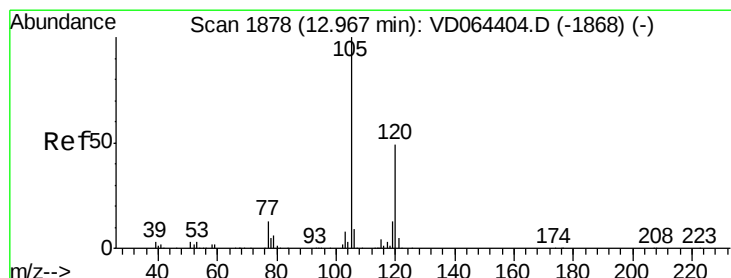
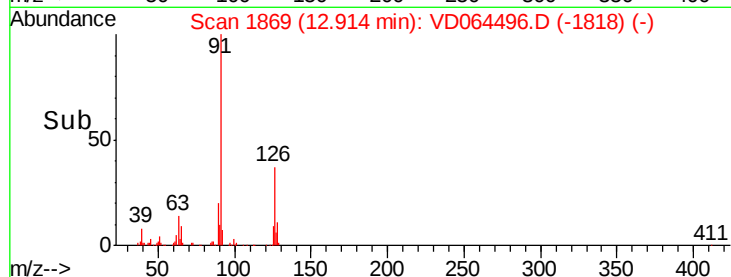
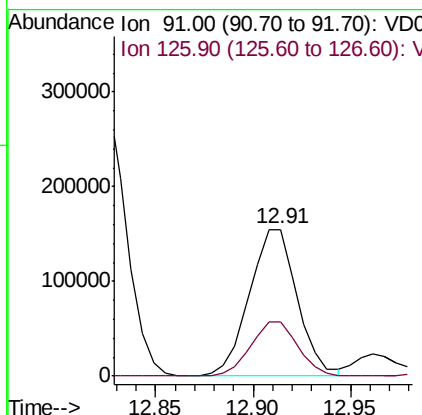
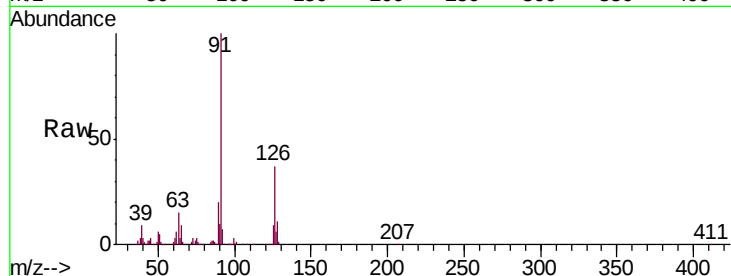




#79  
2-Chlorotoluene  
Concen: 20.079 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

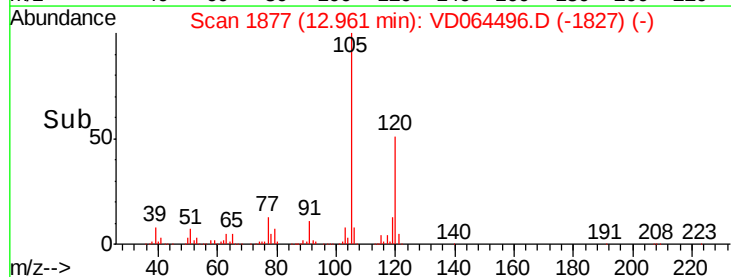
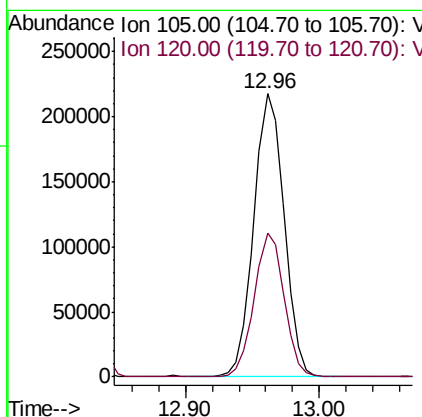
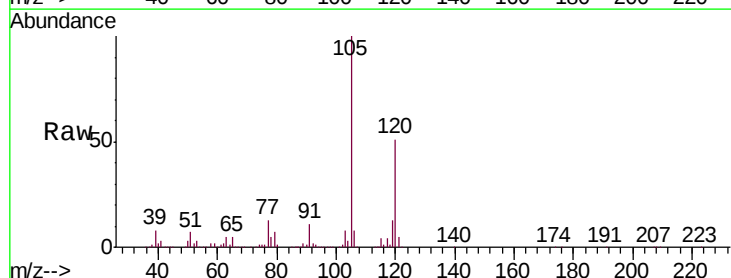
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBSD01

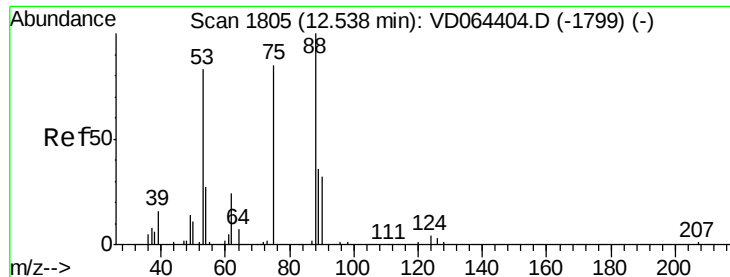
Tgt Ion: 91 Resp: 263478  
Ion Ratio Lower Upper  
91 100  
126 36.5 18.0 54.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.212 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 105 Resp: 341385  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.353 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBS01

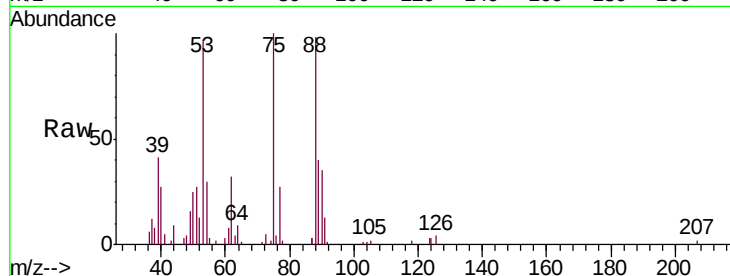
Tgt Ion: 75 Resp: 20975

Ion Ratio Lower Upper

75 100

53 105.8 81.0 121.6

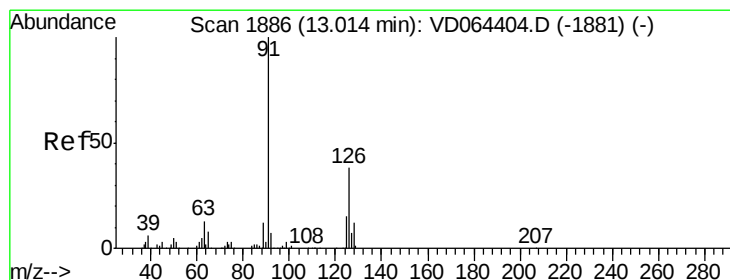
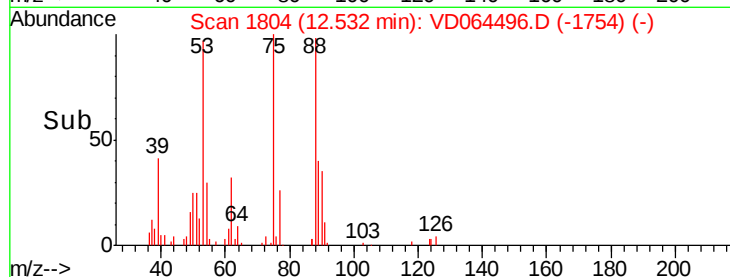
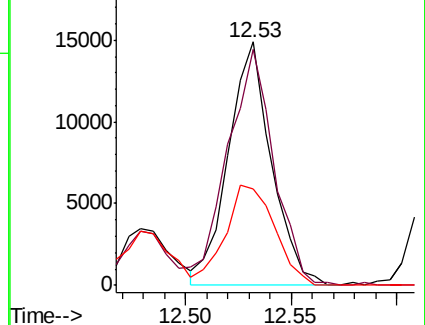
89 47.3 38.5 57.7



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: 20.220 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064496.D

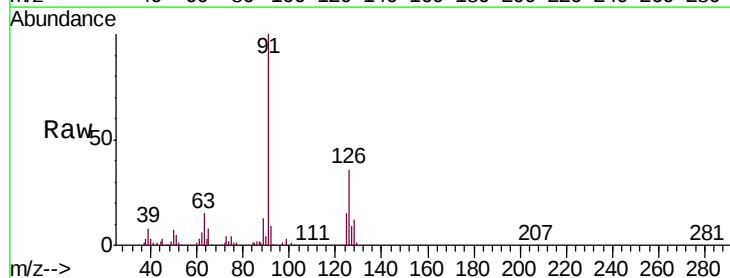
Acq: 11 Dec 2019 12:53

Tgt Ion: 91 Resp: 280919

Ion Ratio Lower Upper

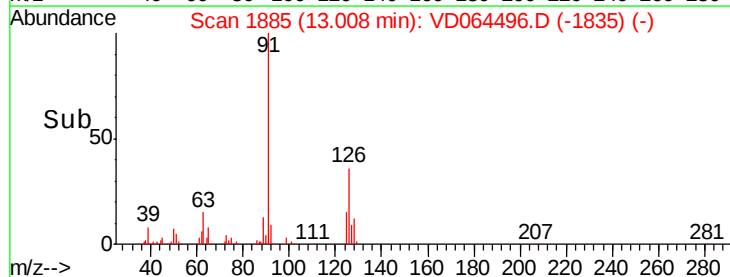
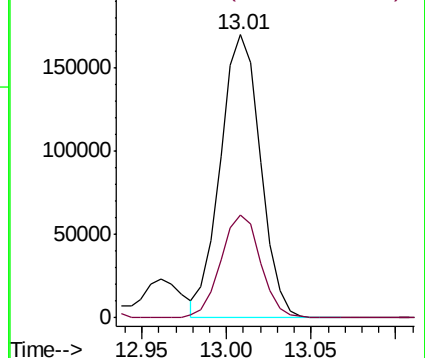
91 100

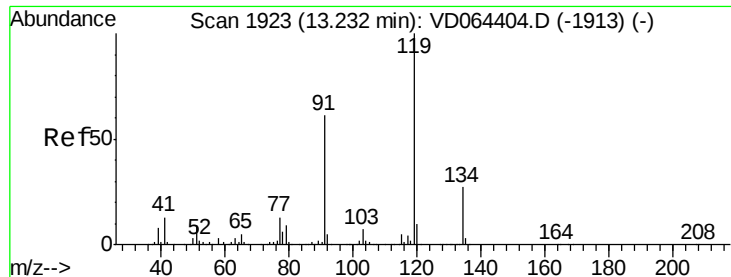
126 35.9 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

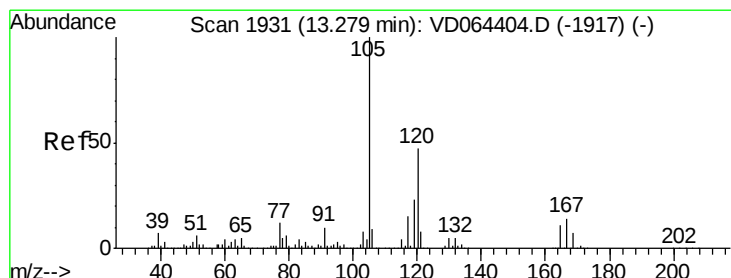
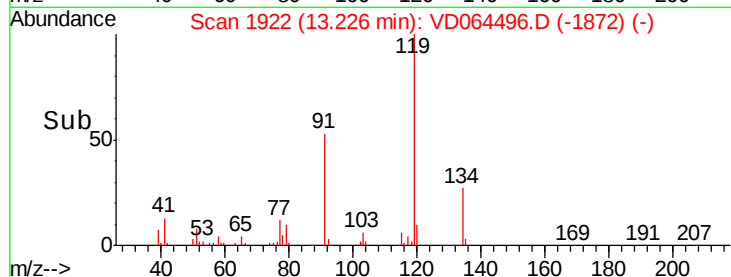
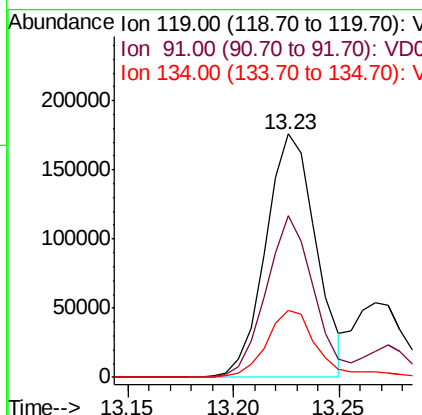
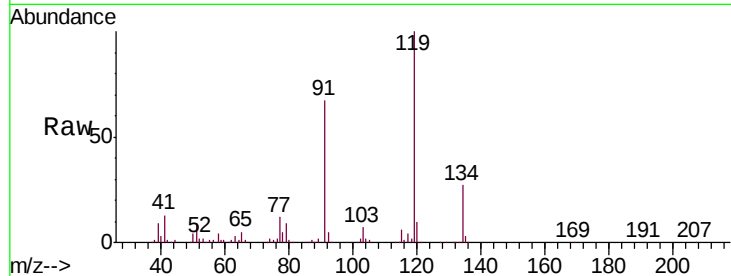




#83  
 tert-Butylbenzene  
 Concen: 19.839 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

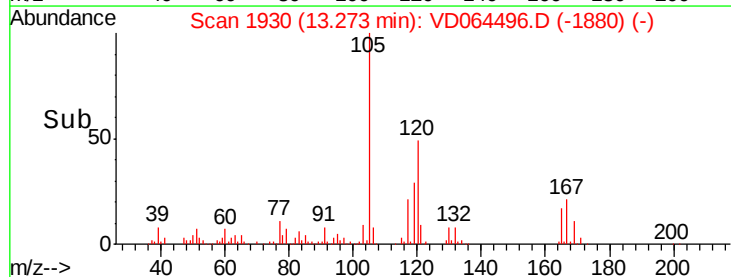
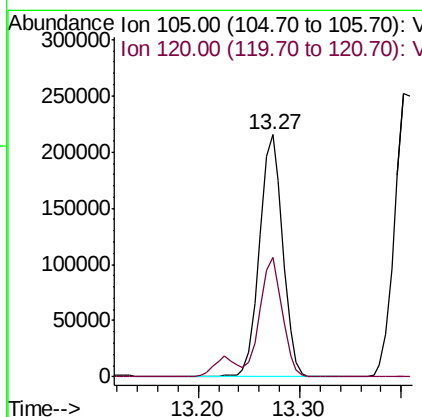
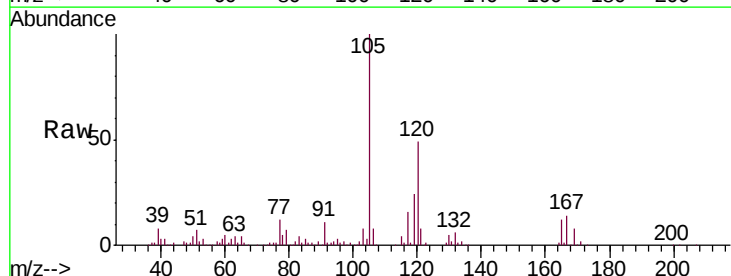
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

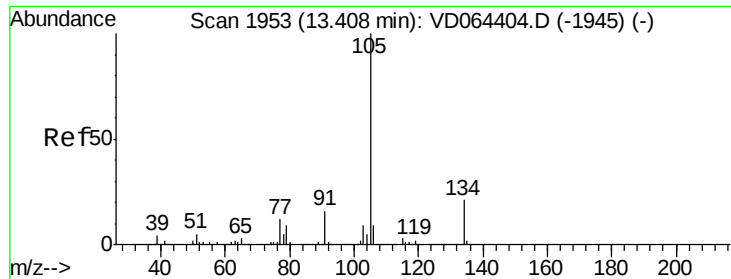
Tgt Ion:119 Resp: 291311  
 Ion Ratio Lower Upper  
 119 100  
 91 63.3 31.2 93.6  
 134 28.4 13.9 41.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.143 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion:105 Resp: 342104  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 20.326 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

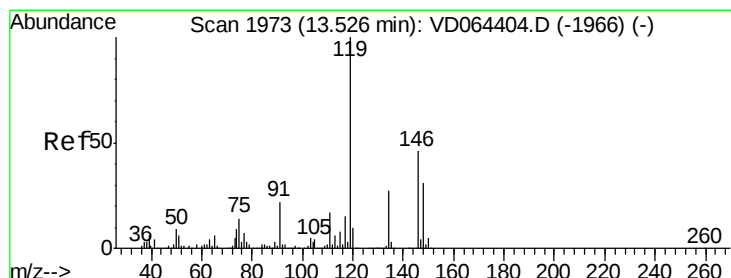
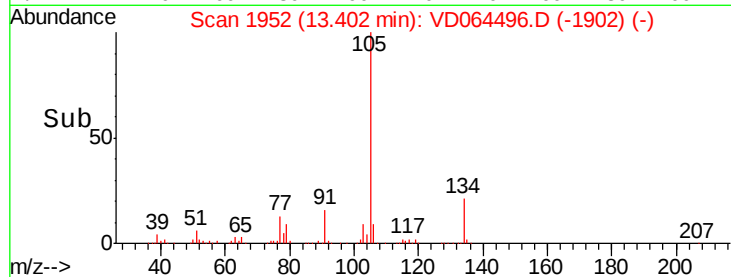
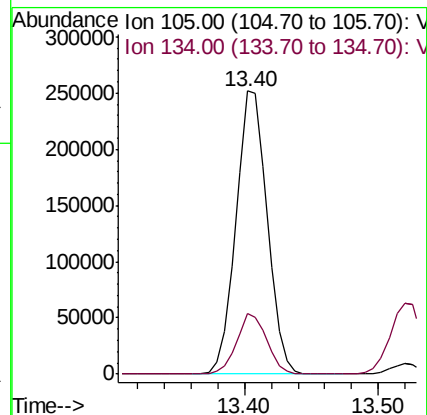
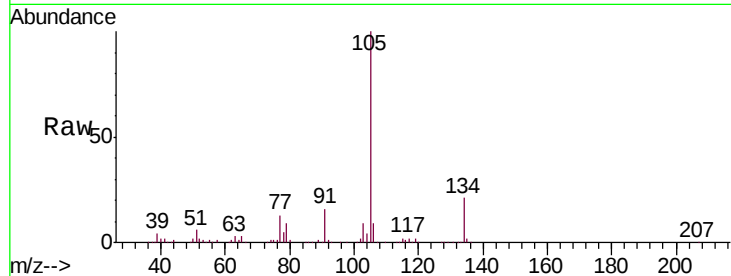
VD1211SBSD01

Tgt Ion:105 Resp: 409643

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.322 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

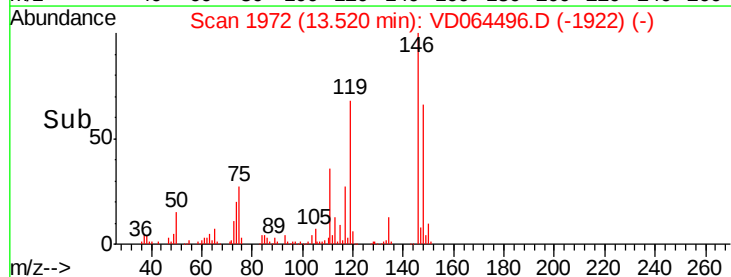
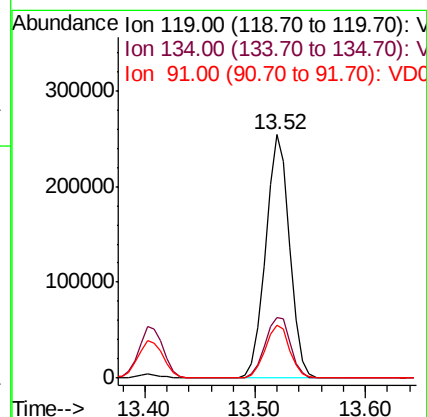
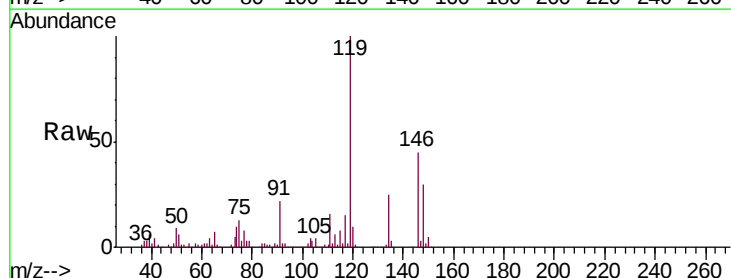
Tgt Ion:119 Resp: 386653

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.036 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

Instrument :

MSVOA\_D

ClientSampleId :

VD1211SBSD01

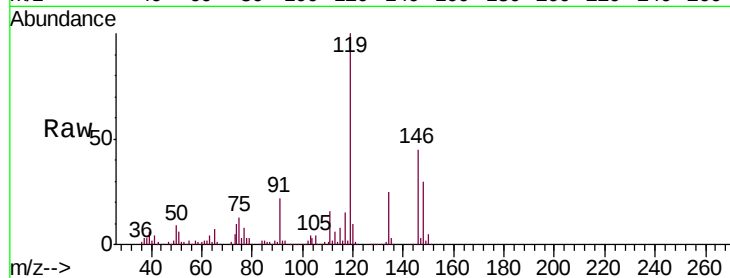
Tgt Ion:146 Resp: 194096

Ion Ratio Lower Upper

146 100

111 35.7 18.8 56.4

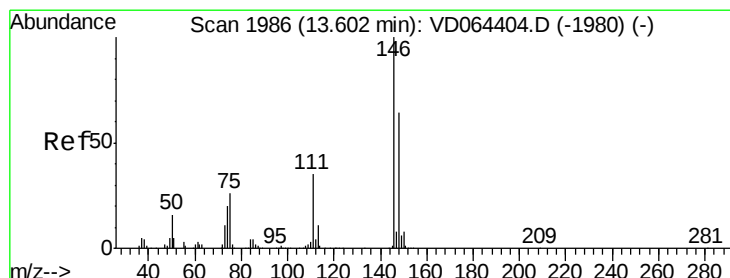
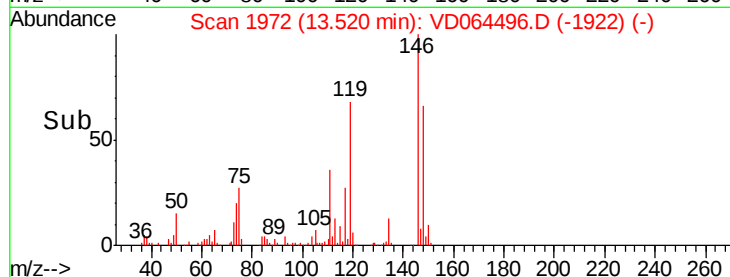
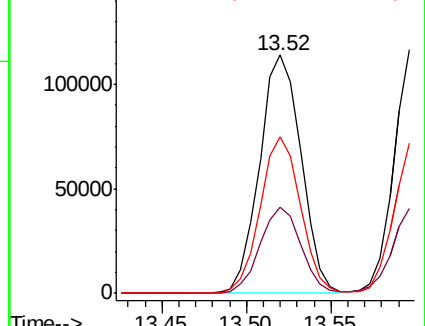
148 63.8 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.284 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD064496.D

Acq: 11 Dec 2019 12:53

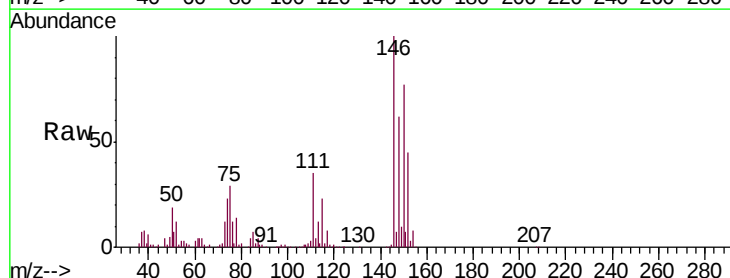
Tgt Ion:146 Resp: 193999

Ion Ratio Lower Upper

146 100

111 35.9 18.2 54.6

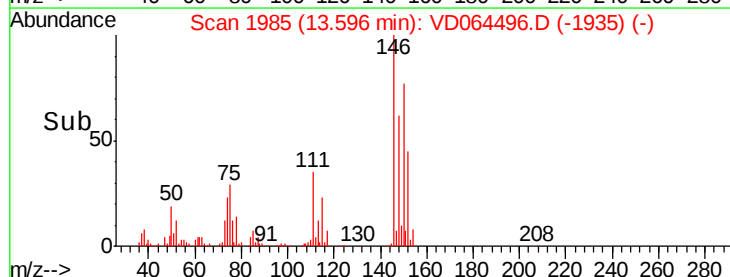
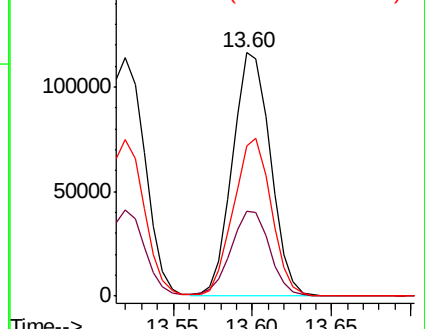
148 64.7 31.8 95.4

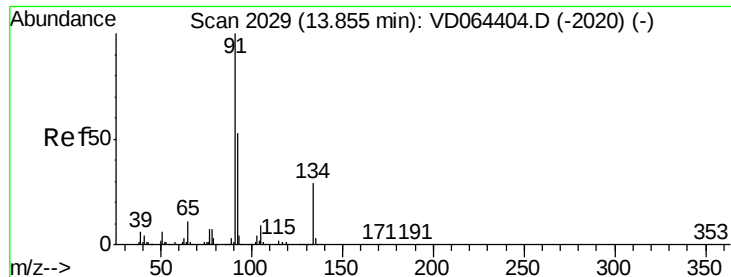


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

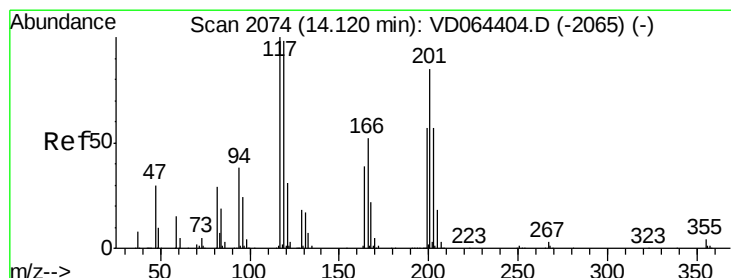
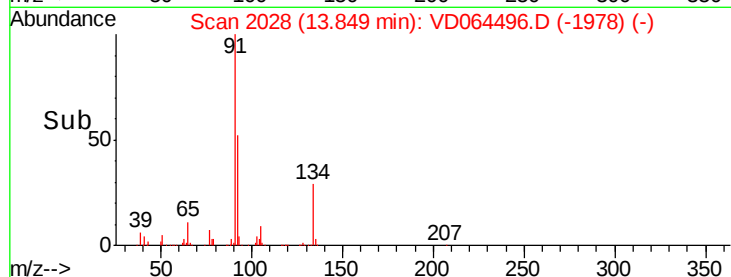
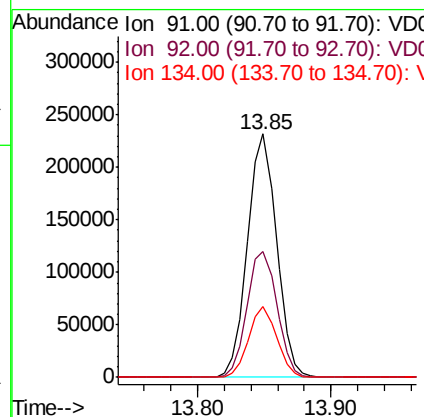
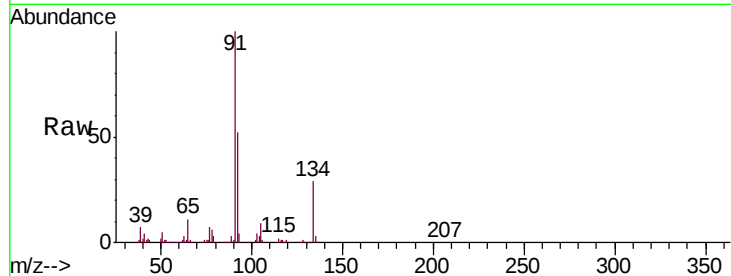




#89  
n-Butylbenzene  
Concen: 20.225 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

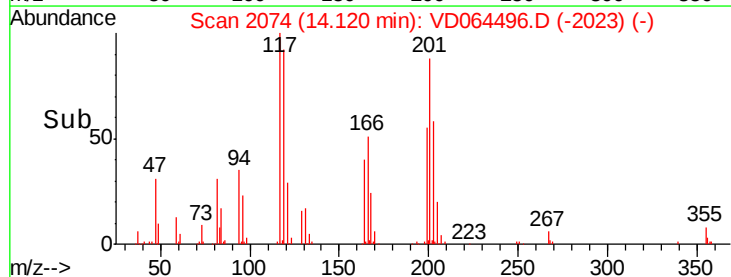
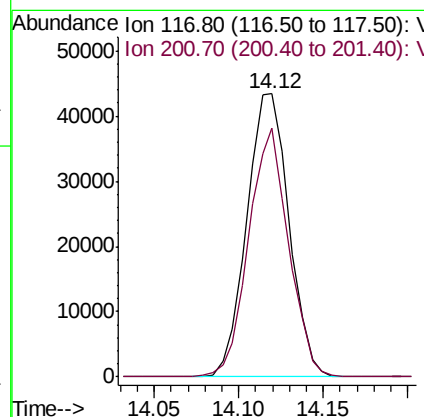
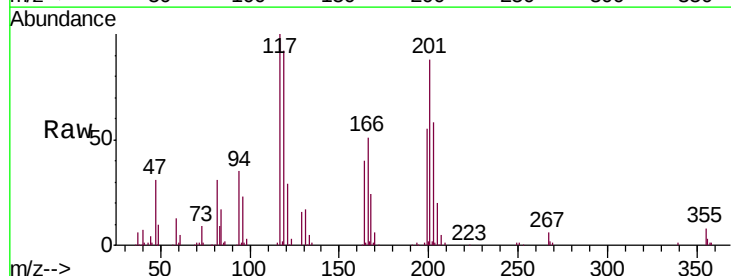
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBS01

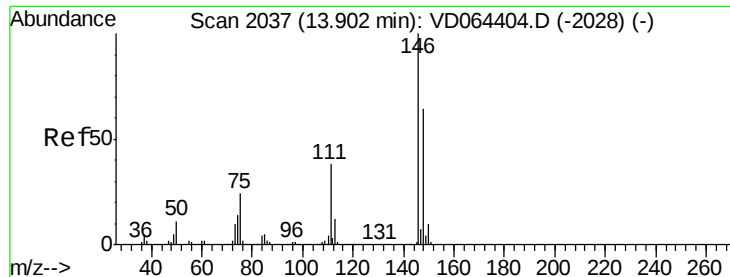
Tgt Ion: 91 Resp: 349453  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.5 79.4  
134 28.2 13.9 41.7



#90  
Hexachloroethane  
Concen: 21.140 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Tgt Ion: 117 Resp: 75231  
Ion Ratio Lower Upper  
117 100  
201 83.0 44.3 132.8

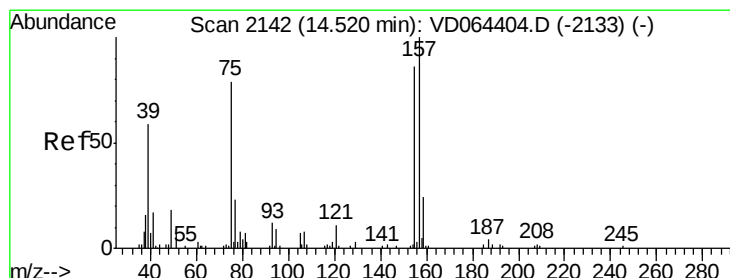
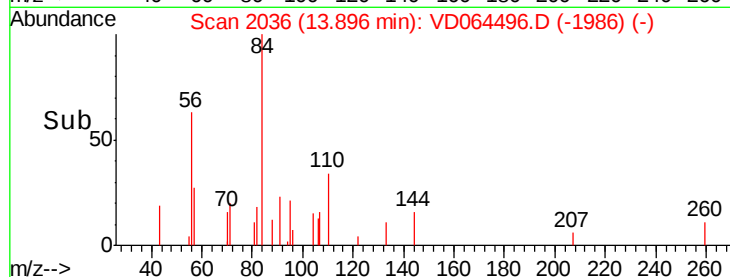
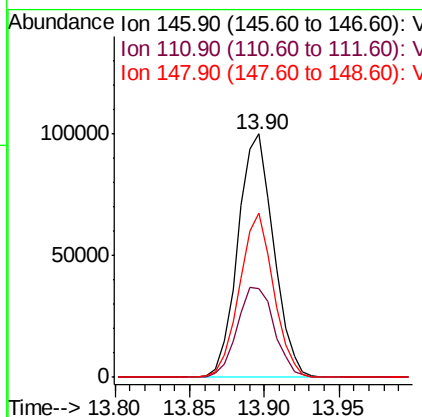
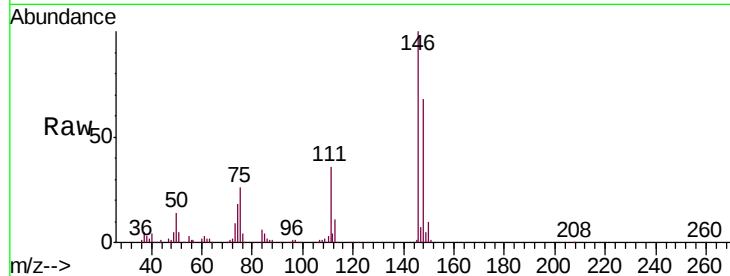




#91  
 1,2-Dichlorobenzene  
 Concen: 19.992 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

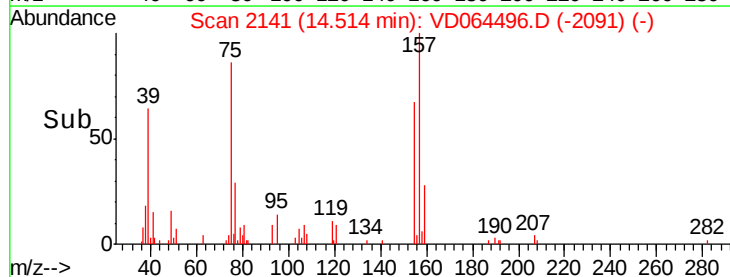
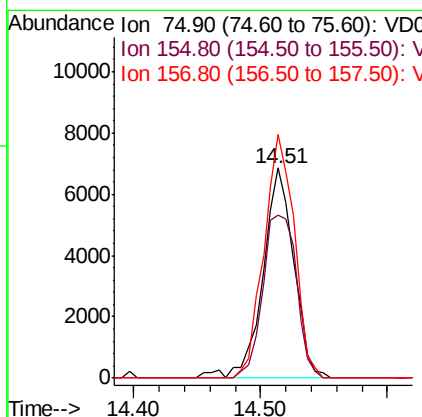
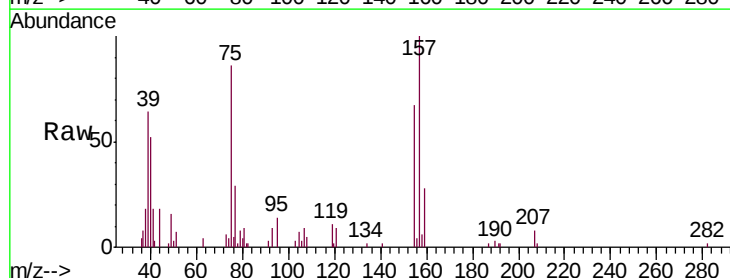
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

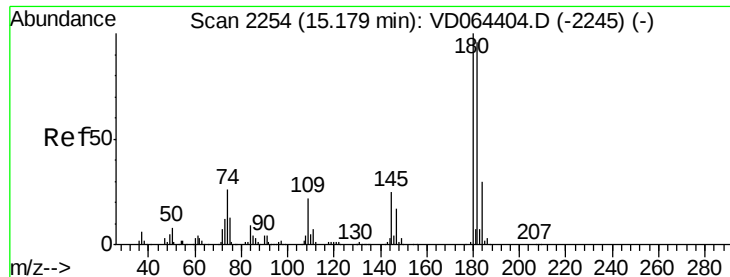
Tgt Ion:146 Resp: 165513  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 19.1 57.3  
 148 64.7 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.224 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Tgt Ion: 75 Resp: 11661  
 Ion Ratio Lower Upper  
 75 100  
 155 84.4 51.9 155.7  
 157 113.0 63.2 189.8

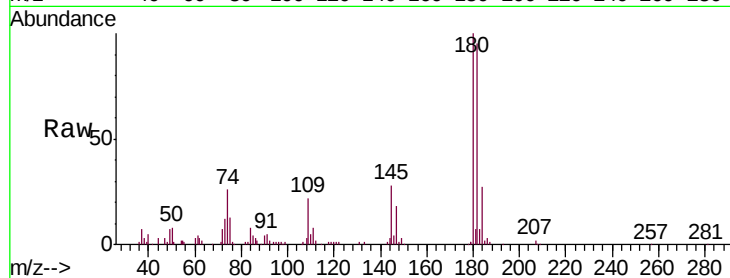




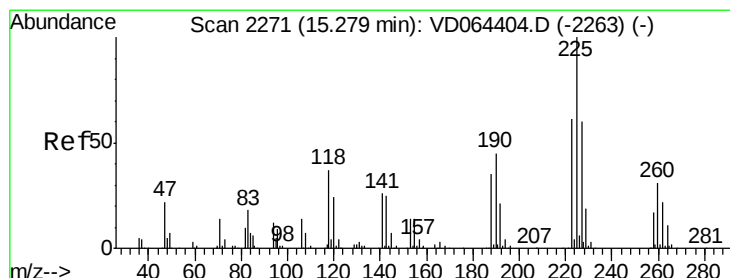
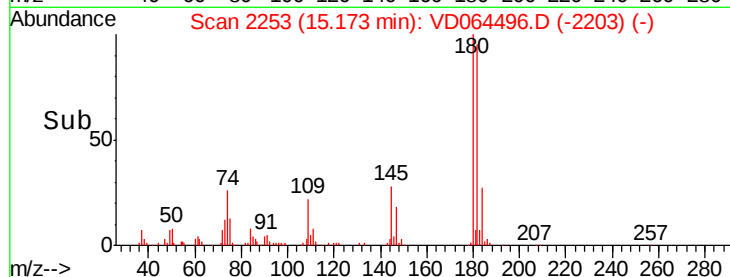
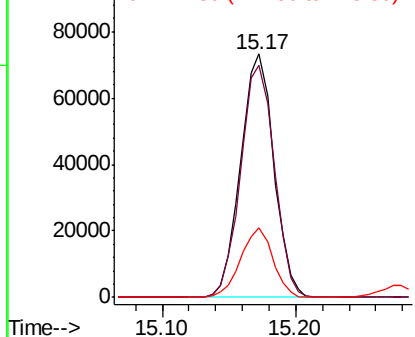
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.887 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1211SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 47.4  | 142.3 |
| 145     | 27.8  | 14.0  | 41.9  |

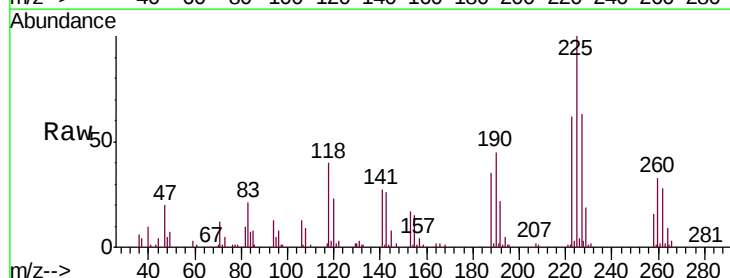


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

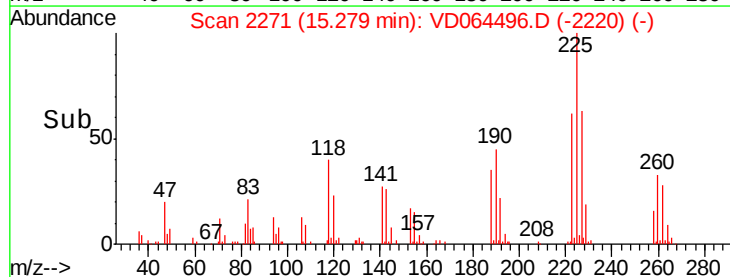
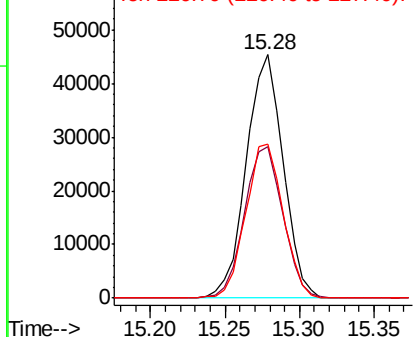


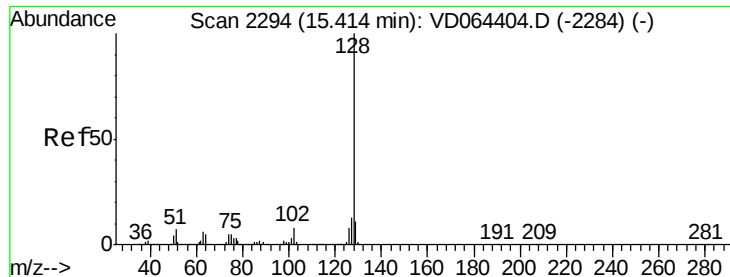
#94  
 Hexachlorobutadiene  
 Concen: 19.802 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VD064496.D  
 Acq: 11 Dec 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.4  | 31.1  | 93.3  |
| 227     | 64.0  | 31.8  | 95.4  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

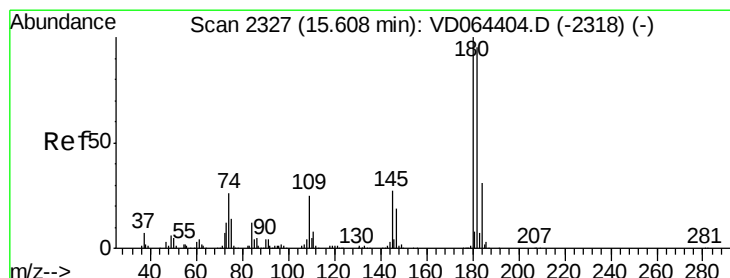
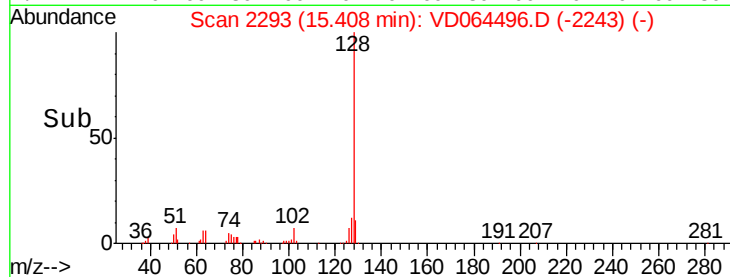
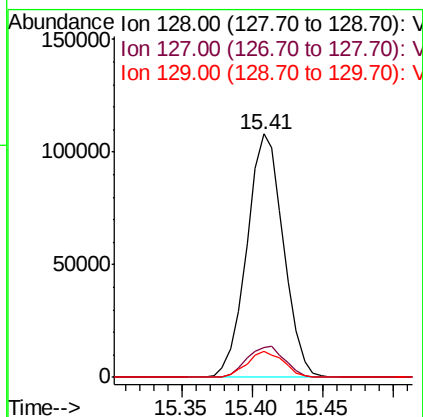
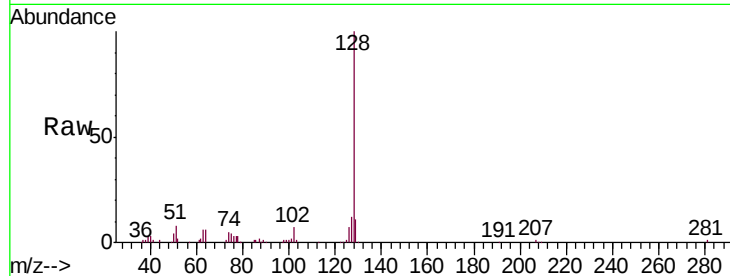




#95  
Naphthalene  
Concen: 18.522 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1211SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.5  | 15.7  |
| 129     | 10.9  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.544 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. -0.01 min  
Lab File: VD064496.D  
Acq: 11 Dec 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.6  | 142.9 |
| 145     | 30.2  | 14.6  | 43.8  |

