

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD012319\  
 Data File : VD060784.D  
 Acq On : 23 Jan 2019 16:09  
 Operator : VA/AP  
 Sample : VSTDIC010  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Jan 24 05:44:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 24 05:41:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.80  | 168  | 691702   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 7.98  | 114  | 907736   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.16 | 117  | 767908   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.32 | 152  | 382556   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 7.22   | 65  | 97110    | 10.67 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 21.34% |      |
| 35) Dibromofluoromethane    | 6.68   | 113 | 88671    | 11.05 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 22.10% |      |
| 50) Toluene-d8              | 10.19  | 98  | 215122   | 11.33 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 22.66% |      |
| 62) 4-Bromofluorobenzene    | 13.35  | 95  | 112150   | 12.14 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 24.28% |      |

| Target Compounds              |      |     |        |               | Qvalue |
|-------------------------------|------|-----|--------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85  | 64375  | 7.352 ug/l    | 91     |
| 3) Chloromethane              | 1.77 | 50  | 44280  | 9.655 ug/l    | 100    |
| 4) Vinyl Chloride             | 1.86 | 62  | 41849  | 8.058 ug/l    | 98     |
| 5) Bromomethane               | 2.15 | 94  | 11490  | 7.559 ug/l    | 81     |
| 6) Chloroethane               | 2.25 | 64  | 13690  | 7.354 ug/l    | 99     |
| 7) Trichlorofluoromethane     | 2.50 | 101 | 82390  | 8.258 ug/l    | 94     |
| 8) Diethyl Ether              | 2.81 | 74  | 11325  | 9.598 ug/l    | 80     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.07 | 101 | 43676  | 8.842 ug/l    | 94     |
| 10) Methyl Iodide             | 3.22 | 142 | 39369  | 7.403 ug/l    | 99     |
| 11) Tert butyl alcohol        | 3.94 | 59  | 22259  | 42.301 ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.05 | 96  | 30061  | 8.735 ug/l    | 94     |
| 13) Acrolein                  | 3.07 | 56  | 428    | 2.178 ug/l    | 83     |
| 14) Allyl chloride            | 3.50 | 41  | 66138  | 9.036 ug/l    | 97     |
| 15) Acrylonitrile             | 4.06 | 53  | 58299  | 47.614 ug/l   | 97     |
| 16) Acetone                   | 3.14 | 43  | 61356  | 48.547 ug/l # | 90     |
| 17) Carbon Disulfide          | 3.29 | 76  | 101066 | 8.902 ug/l    | 98     |
| 18) Methyl Acetate            | 3.52 | 43  | 26912  | 10.118 ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.08 | 73  | 138049 | 8.468 ug/l    | 99     |
| 20) Methylene Chloride        | 3.68 | 84  | 73858  | 11.058 ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.06 | 96  | 60241  | 9.179 ug/l    | 96     |
| 22) Diisopropyl ether         | 4.90 | 45  | 193218 | 8.597 ug/l    | 97     |
| 23) Vinyl Acetate             | 4.83 | 43  | 574405 | 44.662 ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.77 | 63  | 122108 | 8.994 ug/l    | 96     |
| 25) 2-Butanone                | 5.85 | 43  | 91796  | 46.309 ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 5.80 | 77  | 119013 | 8.846 ug/l    | 92     |
| 27) cis-1,2-Dichloroethene    | 5.80 | 96  | 63807  | 9.409 ug/l    | 86     |
| 28) Bromochloromethane        | 6.21 | 49  | 55168  | 10.013 ug/l   | 88     |
| 29) Tetrahydrofuran           | 6.23 | 42  | 46933  | 49.149 ug/l   | 96     |
| 30) Chloroform                | 6.43 | 83  | 135626 | 8.548 ug/l    | 95     |
| 31) Cyclohexane               | 6.72 | 56  | 90505  | 9.051 ug/l    | 92     |
| 32) 1,1,1-Trichloroethane     | 6.63 | 97  | 136017 | 9.109 ug/l    | 95     |
| 36) 1,1-Dichloropropene       | 6.91 | 75  | 101734 | 9.740 ug/l    | 99     |
| 37) Ethyl Acetate             | 5.95 | 43  | 45409  | 10.461 ug/l # | 91     |
| 38) Carbon Tetrachloride      | 6.87 | 117 | 119104 | 9.253 ug/l    | 98     |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Jan 24 05:44:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 24 05:41:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.63  | 83   | 93540    | 10.045  | ug/l   | 92       |
| 40) Benzene                    | 7.22  | 78   | 210825   | 9.900   | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.23  | 41   | 61345    | 18.922  | ug/l # | 82       |
| 42) 1,2-Dichloroethane         | 7.34  | 62   | 104628   | 9.056   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.02  | 43   | 59979    | 8.996   | ug/l   | 98       |
| 44) Trichloroethene            | 8.31  | 130  | 69991    | 9.265   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 8.71  | 63   | 56760    | 10.271  | ug/l   | 93       |
| 46) Dibromomethane             | 8.83  | 93   | 42613    | 9.427   | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.14  | 83   | 104012   | 9.341   | ug/l   | 95       |
| 48) Methyl methacrylate        | 8.89  | 41   | 44201    | 9.824   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 8.85  | 88   | 6391     | 168.271 | ug/l # | 48       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 217522   | 49.596  | ug/l   | 100      |
| 52) Toluene                    | 10.29 | 92   | 127068   | 9.534   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.69 | 75   | 98030    | 8.996   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 96715    | 9.344   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.97 | 97   | 47900    | 10.130  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.82 | 69   | 56463    | 10.290  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.19 | 76   | 71778    | 8.665   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.63  | 63   | 151332   | 48.812  | ug/l   | 92       |
| 59) 2-Hexanone                 | 11.32 | 43   | 161678   | 49.961  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.47 | 129  | 75181    | 10.028  | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 11.60 | 107  | 53347    | 9.948   | ug/l   | 98       |
| 64) Tetrachloroethene          | 11.03 | 164  | 62164    | 9.242   | ug/l   | 98       |
| 65) Chlorobenzene              | 12.19 | 112  | 157920   | 10.259  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.30 | 131  | 65934    | 9.624   | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.31 | 91   | 280375   | 9.775   | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.46 | 106  | 201926   | 21.482  | ug/l   | 99       |
| 69) o-Xylene                   | 12.85 | 106  | 93647    | 10.607  | ug/l   | 91       |
| 70) Styrene                    | 12.87 | 104  | 148719   | 9.565   | ug/l   | 99       |
| 71) Bromoform                  | 13.03 | 173  | 47712    | 9.435   | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.20 | 105  | 286640   | 10.203  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.06 | 43   | 90182    | 10.133  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.50 | 83   | 50924    | 9.756   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.54 | 75   | 61234    | 9.652   | ug/l   | 93       |
| 77) Bromobenzene               | 13.47 | 156  | 69338    | 9.126   | ug/l   | 94       |
| 78) n-propylbenzene            | 13.57 | 91   | 353477   | 10.040  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.63 | 91   | 215475   | 10.551  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 14.04 | 105  | 238069   | 9.899   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.27 | 75   | 17210    | 9.823   | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.74 | 91   | 252177   | 10.663  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.99 | 119  | 259422   | 10.487  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 14.04 | 105  | 238069   | 9.899   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.17 | 105  | 293431   | 9.739   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.29 | 119  | 229503   | 9.257   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.25 | 146  | 126608   | 10.026  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.34 | 146  | 131683   | 10.187  | ug/l   | 92       |
| 89) n-Butylbenzene             | 14.60 | 91   | 251006   | 10.769  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.81 | 117  | 66095    | 9.073   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 14.61 | 146  | 113136   | 10.837  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.18 | 75   | 11114    | 8.707   | ug/l   | 94       |

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Operator : VA/AP  
Sample : VSTDICC010  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

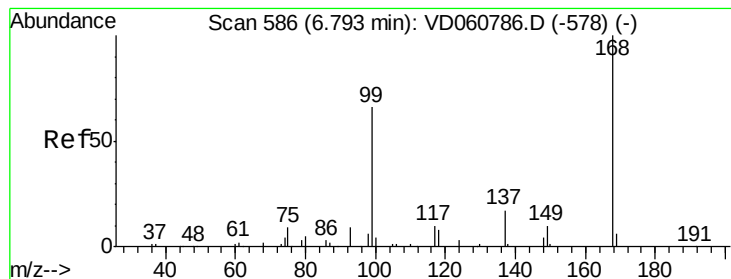
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

Quant Time: Jan 24 05:44:11 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012319S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 24 05:41:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.75 | 180  | 93950    | 9.896  | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.84 | 225  | 71274    | 9.937  | ug/l  | 97       |
| 95) Naphthalene            | 15.93 | 128  | 150127   | 10.375 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.07 | 180  | 80274    | 9.880  | ug/l  | 94       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

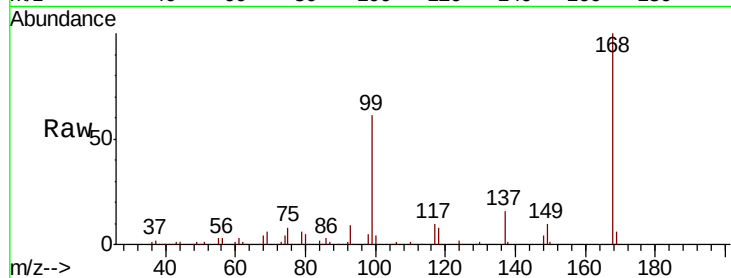
VSTDIC010

Tgt Ion:168 Resp: 691702

Ion Ratio Lower Upper

168 100

99 60.9 54.6 81.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.80

250000

200000

150000

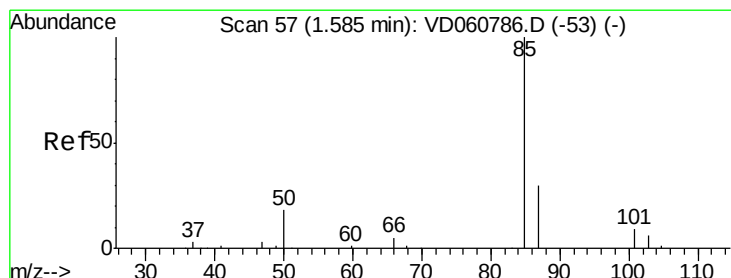
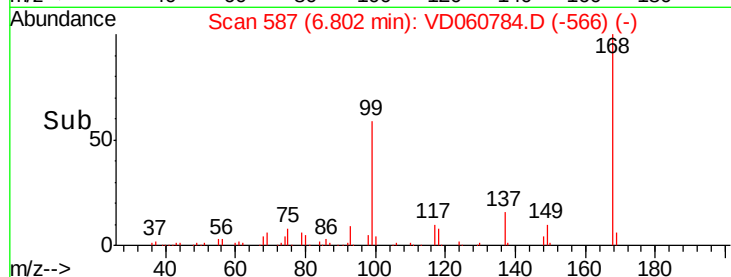
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#2

Dichlorodifluoromethane

Concen: 7.352 ug/l

RT: 1.59 min Scan# 58

Delta R.T. 0.01 min

Lab File: VD060784.D

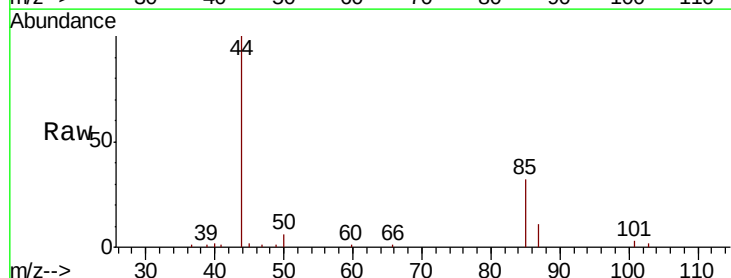
Acq: 23 Jan 2019 16:09

Tgt Ion: 85 Resp: 64375

Ion Ratio Lower Upper

85 100

87 34.6 14.9 44.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

20000

15000

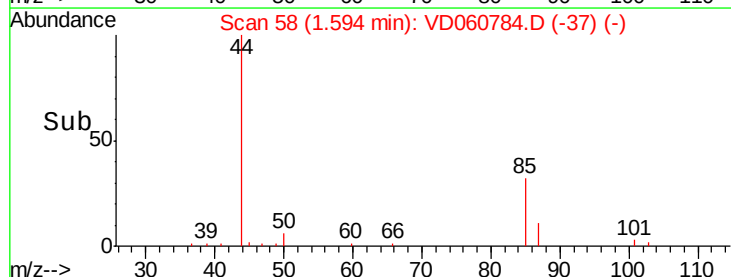
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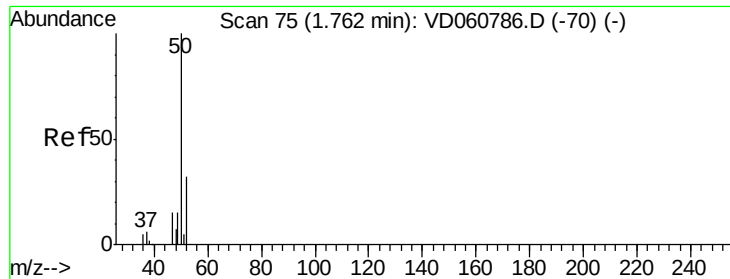
5000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 9.655 ug/l

RT: 1.77 min Scan# 76

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

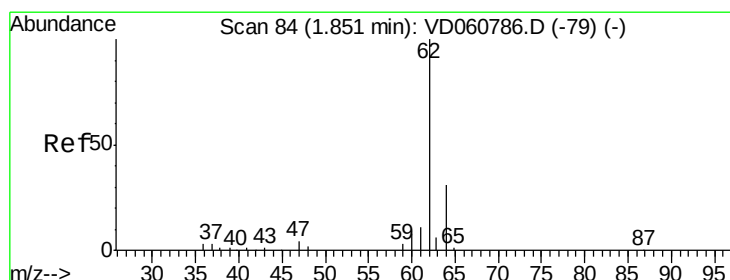
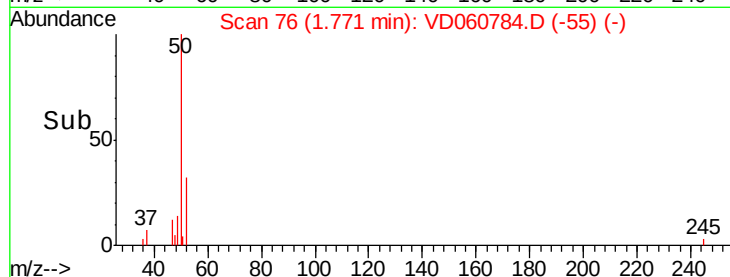
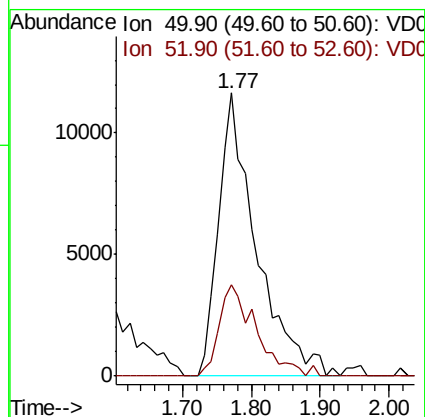
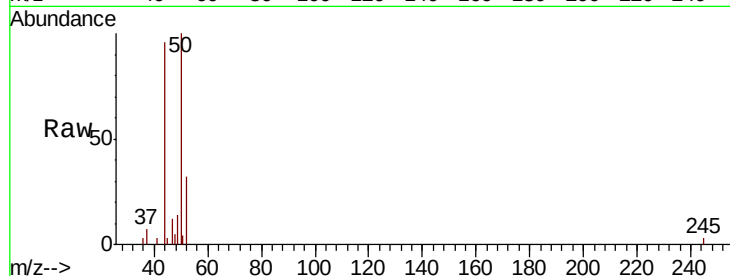
VSTDIC010

Tgt Ion: 50 Resp: 44280

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 8.058 ug/l

RT: 1.86 min Scan# 85

Delta R.T. 0.01 min

Lab File: VD060784.D

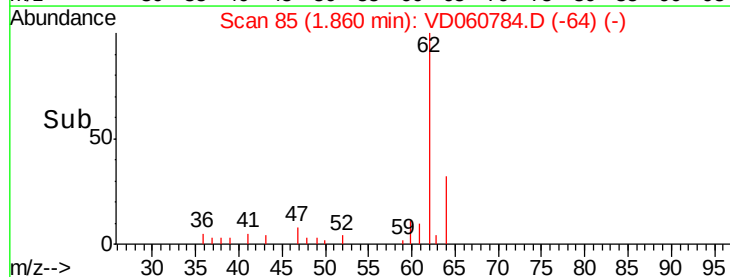
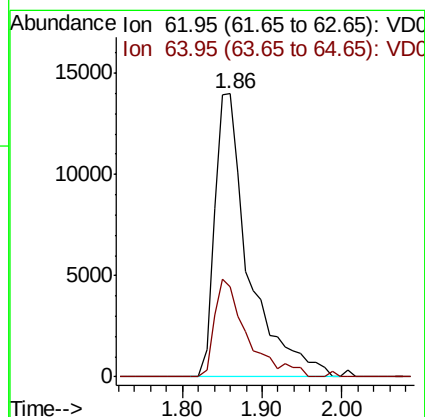
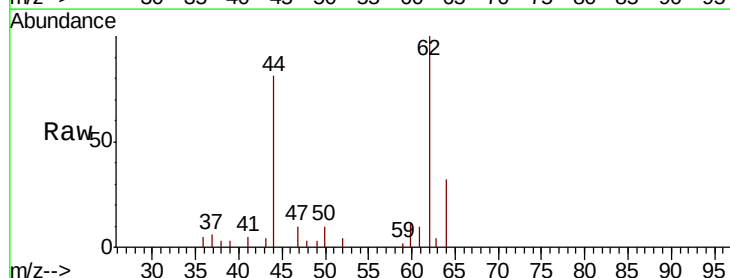
Acq: 23 Jan 2019 16:09

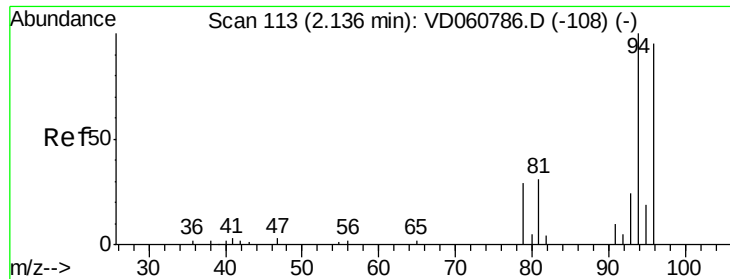
Tgt Ion: 62 Resp: 41849

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0

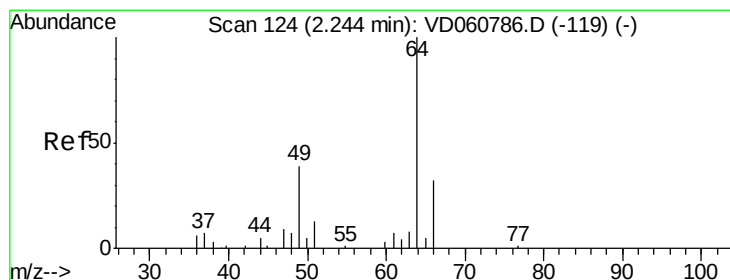
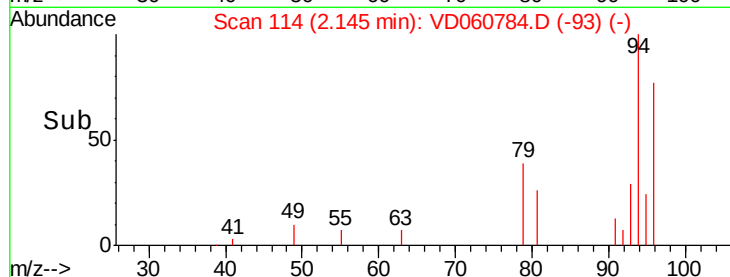
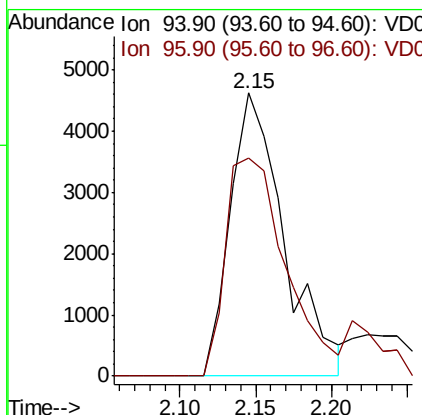
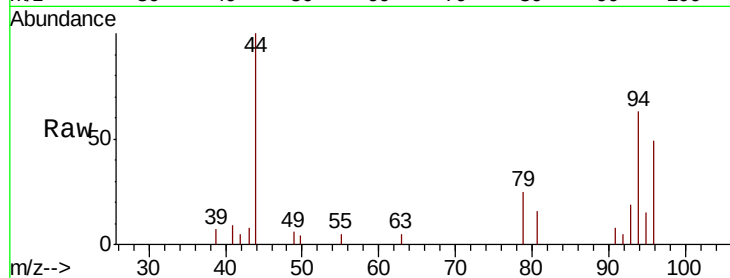




#5  
Bromomethane  
Concen: 7.559 ug/l  
RT: 2.15 min Scan# 114  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

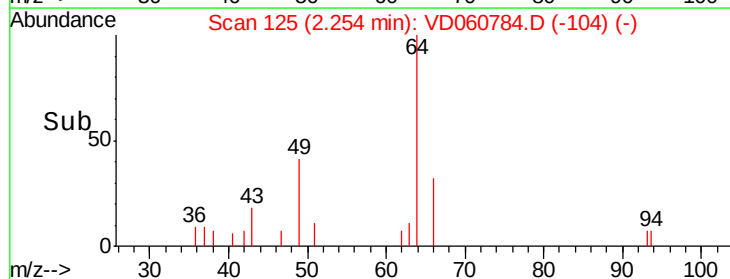
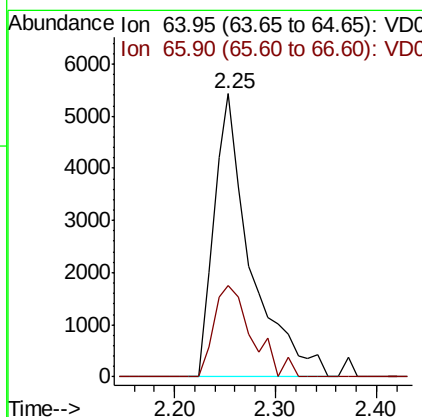
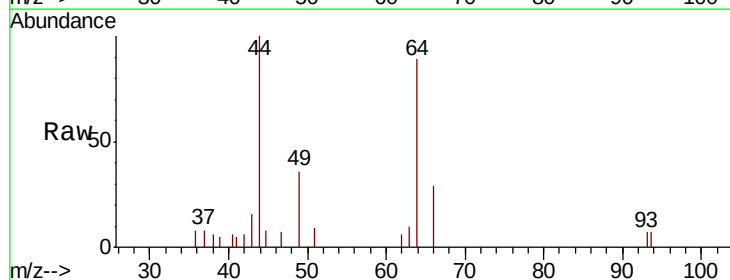
Instrument :  
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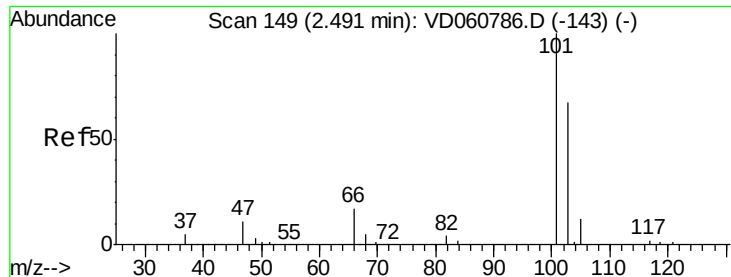
Tgt Ion: 94 Resp: 11490  
Ion Ratio Lower Upper  
94 100  
96 76.9 75.9 113.9



#6  
Chloroethane  
Concen: 7.354 ug/l  
RT: 2.25 min Scan# 125  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 64 Resp: 13690  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.6 38.4



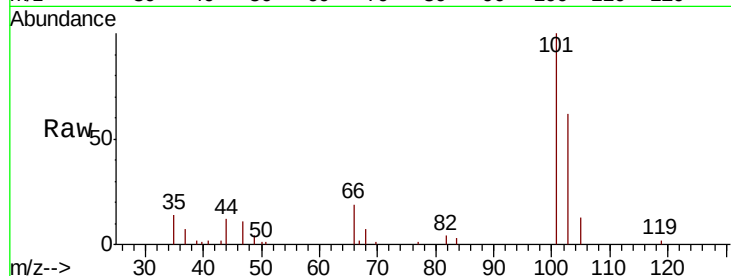


#7

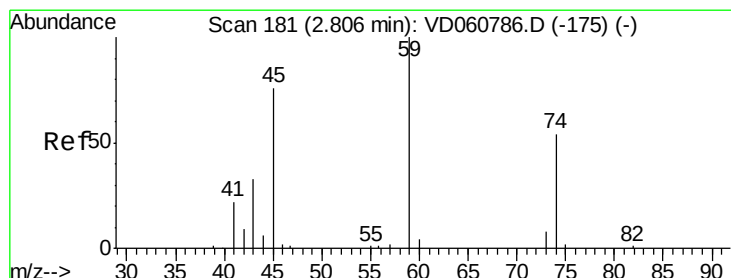
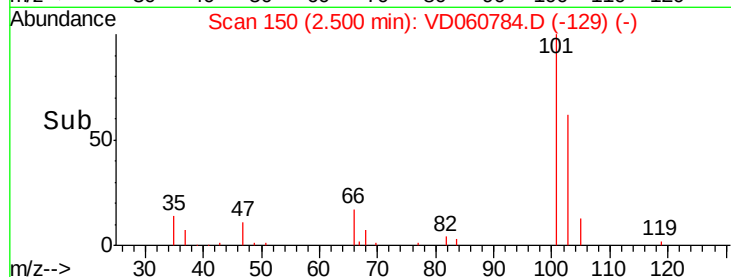
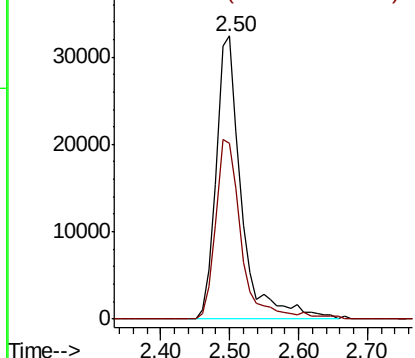
Trichlorofluoromethane  
Concen: 8.258 ug/l  
RT: 2.50 min Scan# 150  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion: 101 Resp: 82390  
Ion Ratio Lower Upper  
101 100  
103 62.1 53.6 80.4



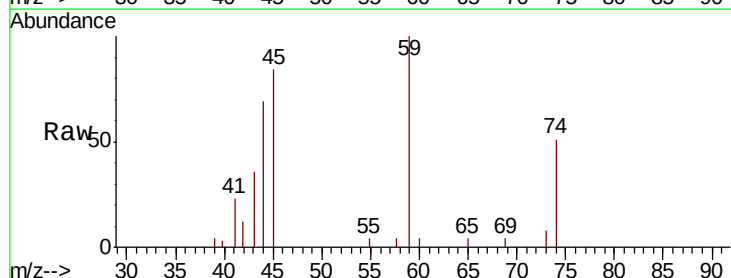
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



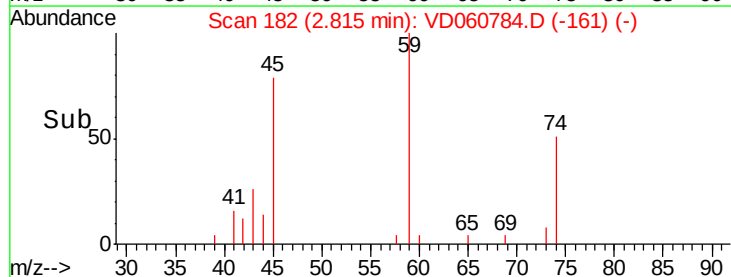
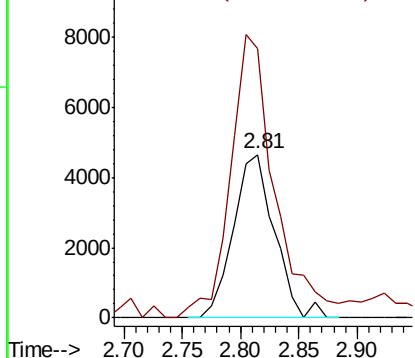
#8

Diethyl Ether  
Concen: 9.598 ug/l  
RT: 2.81 min Scan# 182  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

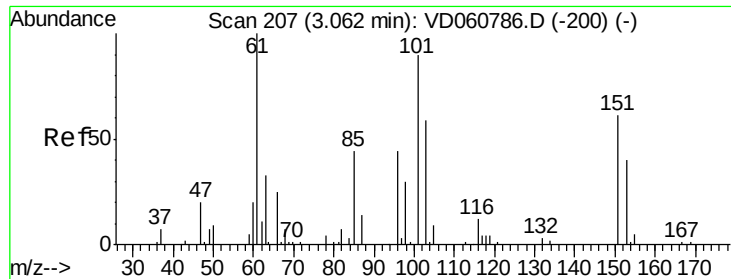
Tgt Ion: 74 Resp: 11325  
Ion Ratio Lower Upper  
74 100  
45 165.4 70.5 211.4



Abundance Ion 74.00 (73.70 to 74.70): VDC  
Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.842 ug/l

RT: 3.07 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

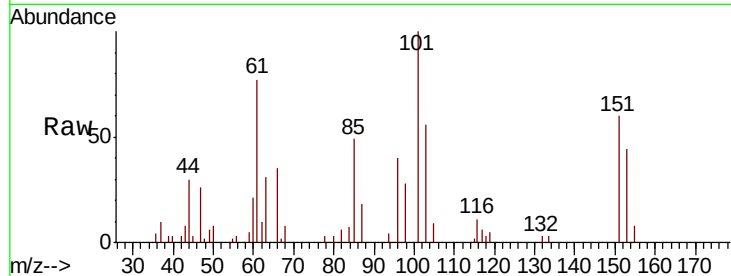
Tgt Ion:101 Resp: 43676

Ion Ratio Lower Upper

101 100

85 49.1 39.0 58.4

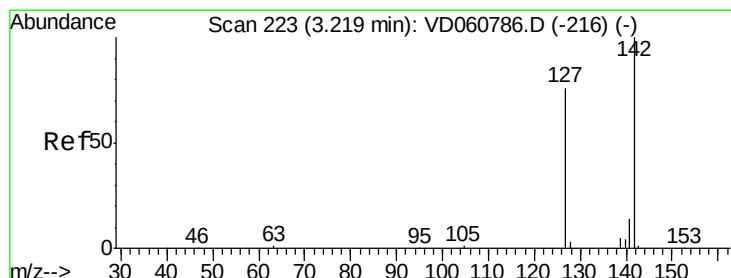
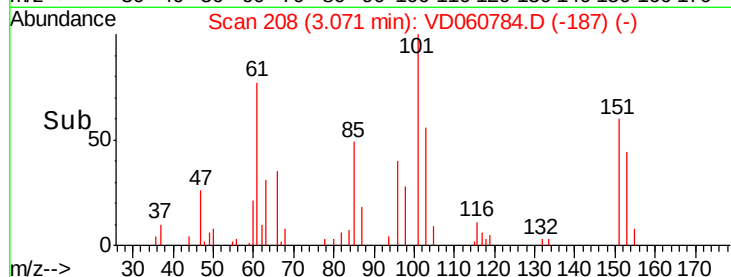
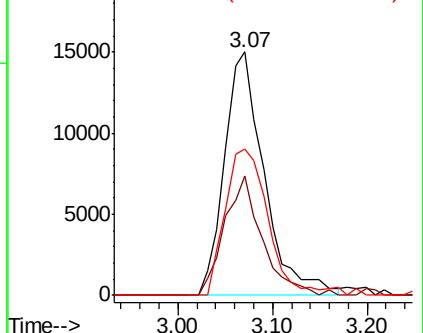
151 60.0 54.5 81.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 7.403 ug/l

RT: 3.22 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

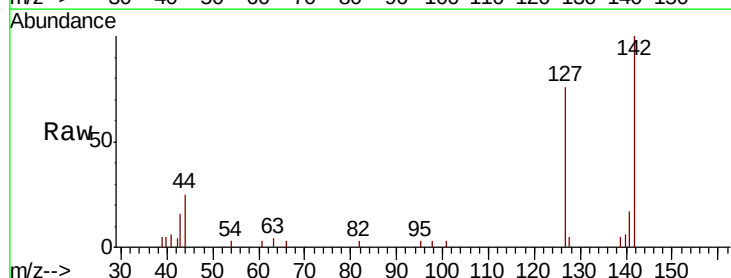
Tgt Ion:142 Resp: 39369

Ion Ratio Lower Upper

142 100

127 76.4 61.0 91.6

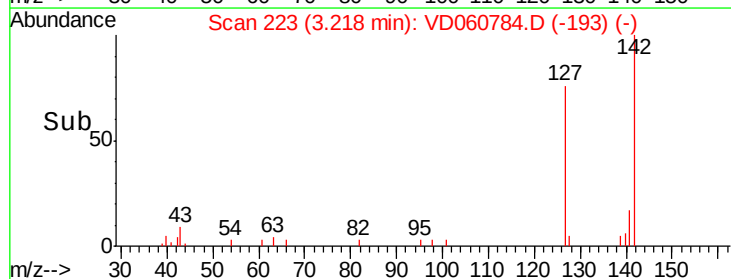
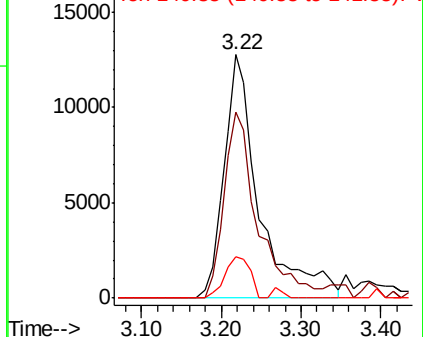
141 16.9 11.5 17.3

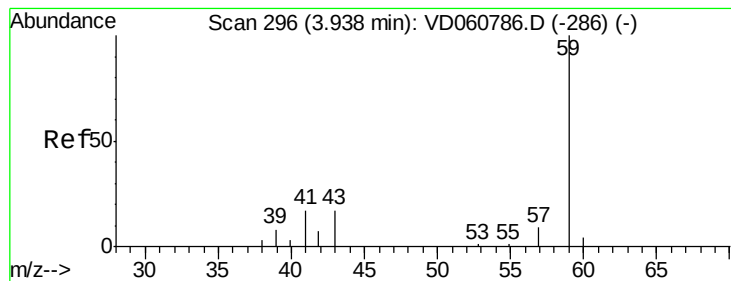


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



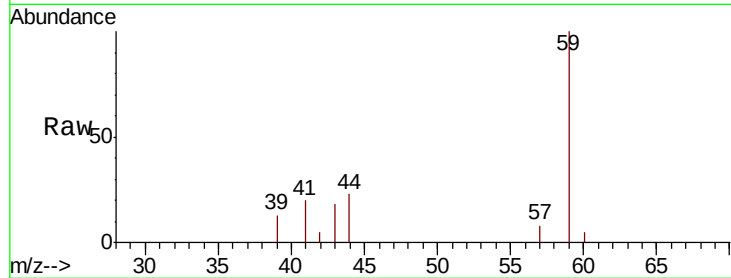


#11

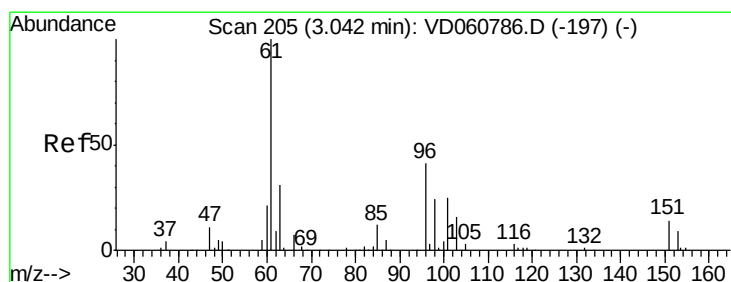
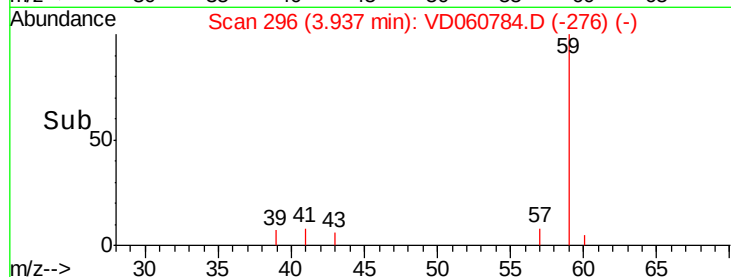
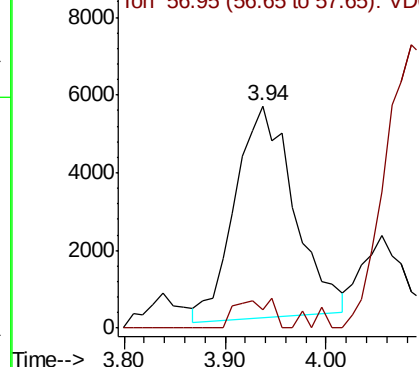
Tert butyl alcohol  
 Concen: 42.301 ug/l  
 RT: 3.94 min Scan# 296  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 59 Resp: 22259  
 Ion Ratio Lower Upper  
 59 100  
 57 8.1 7.0 10.6



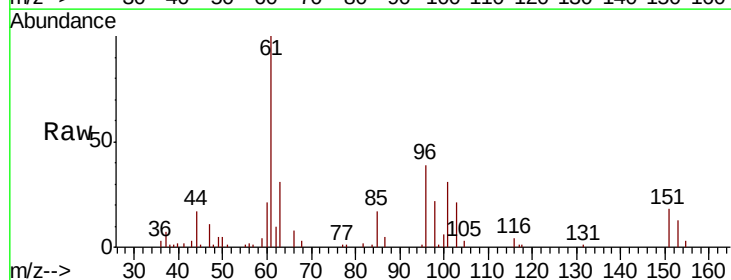
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



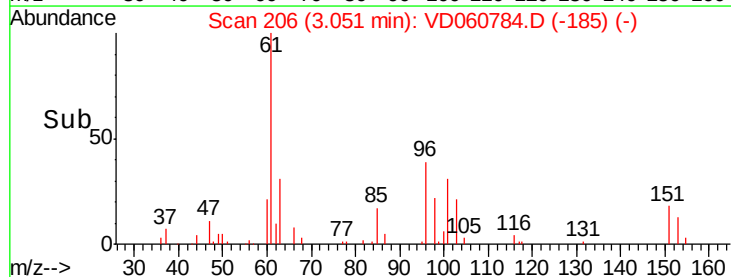
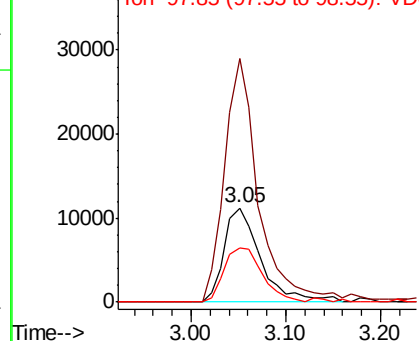
#12

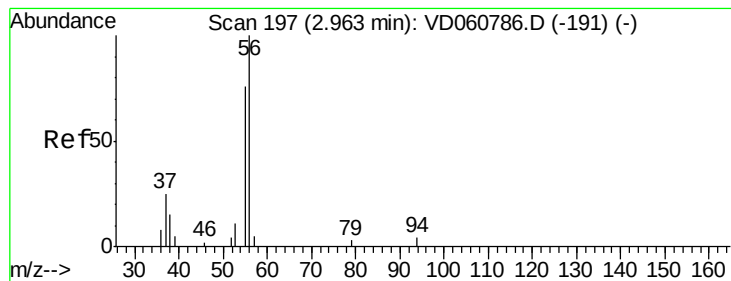
1,1-Dichloroethene  
 Concen: 8.735 ug/l  
 RT: 3.05 min Scan# 206  
 Delta R.T. 0.01 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 96 Resp: 30061  
 Ion Ratio Lower Upper  
 96 100  
 61 258.9 196.9 295.3  
 98 57.8 46.6 69.8



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





#13

Acrolein

Concen: 2.178 ug/l

RT: 3.07 min Scan# 208

Delta R.T. 0.11 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

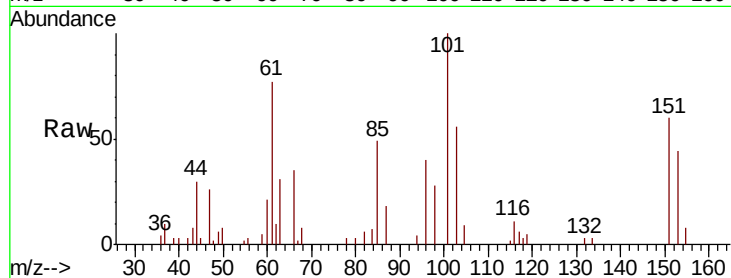
VSTDIC010

Tgt Ion: 56 Resp: 428

Ion Ratio Lower Upper

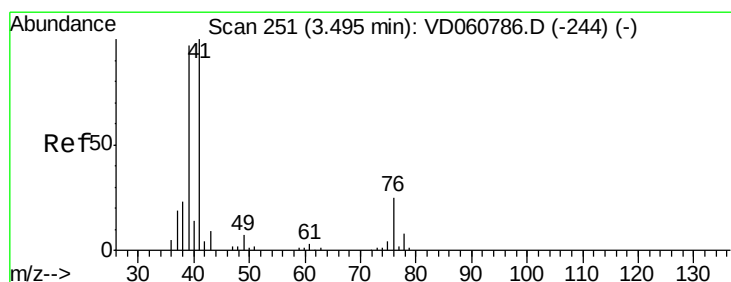
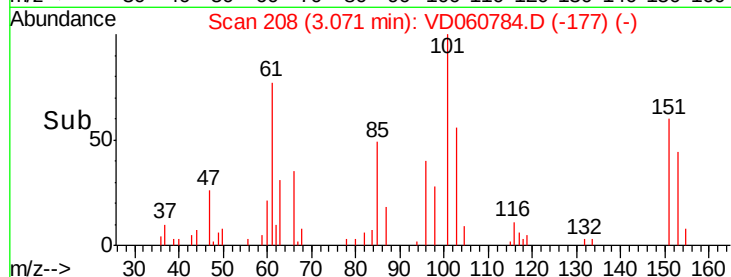
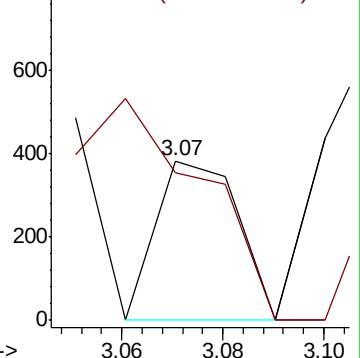
56 100

55 92.9 62.2 93.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 9.036 ug/l

RT: 3.50 min Scan# 252

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

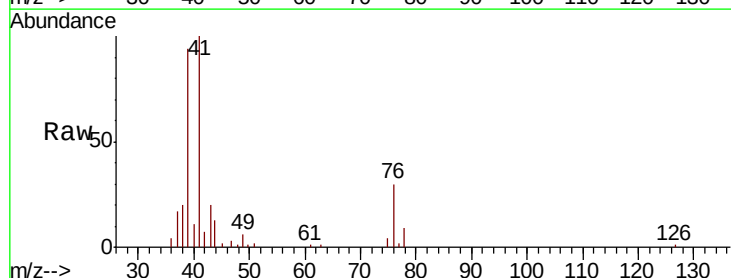
Tgt Ion: 41 Resp: 66138

Ion Ratio Lower Upper

41 100

39 93.9 77.7 116.5

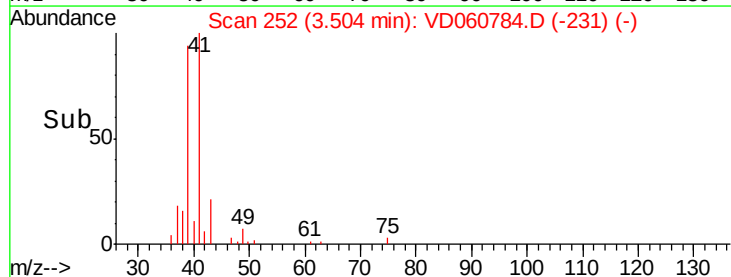
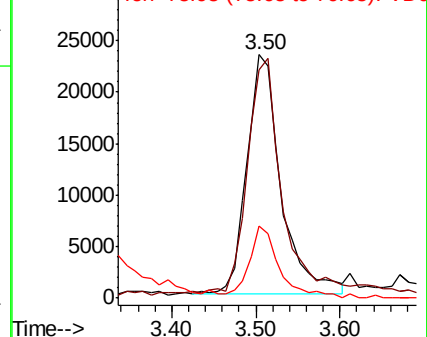
76 29.6 21.8 32.8

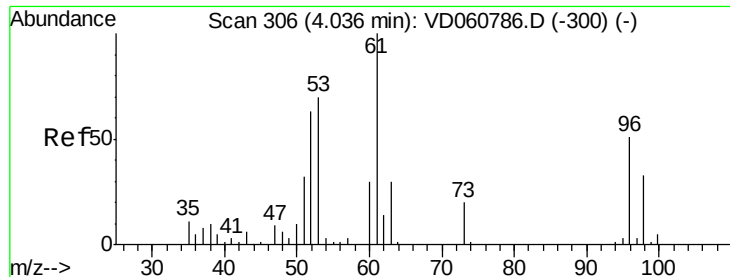


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 47.614 ug/l

RT: 4.06 min Scan# 308

Delta R.T. 0.02 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

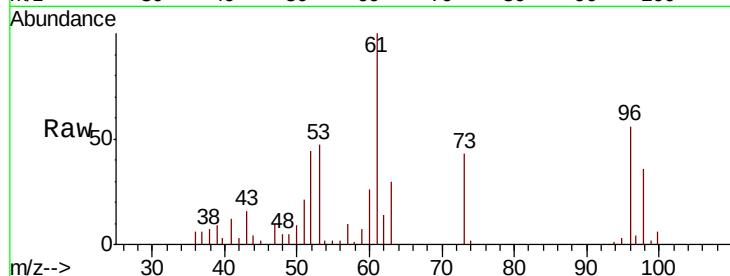
Tgt Ion: 53 Resp: 58299

Ion Ratio Lower Upper

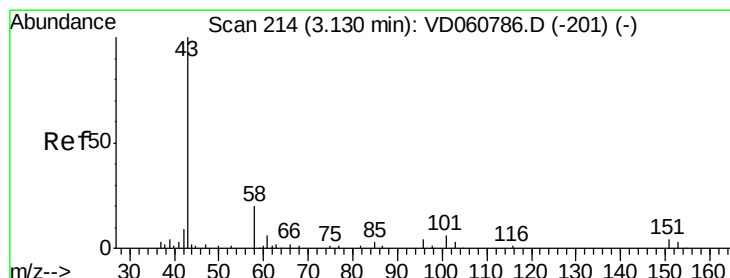
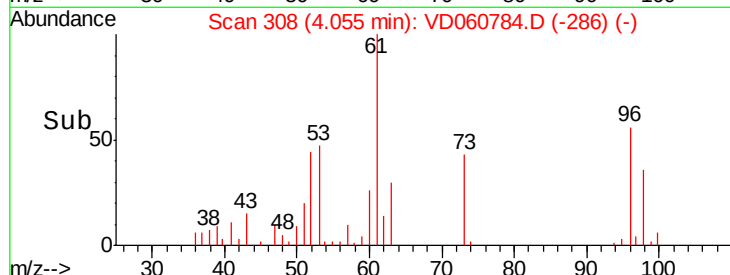
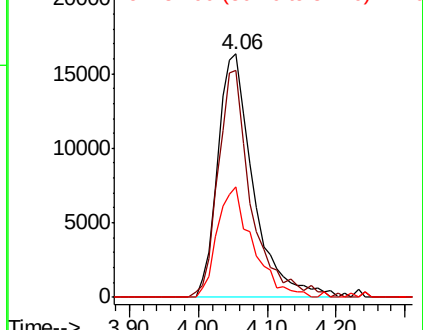
53 100

52 93.4 71.6 107.4

51 45.2 36.0 54.0



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 48.547 ug/l

RT: 3.14 min Scan# 215

Delta R.T. 0.01 min

Lab File: VD060784.D

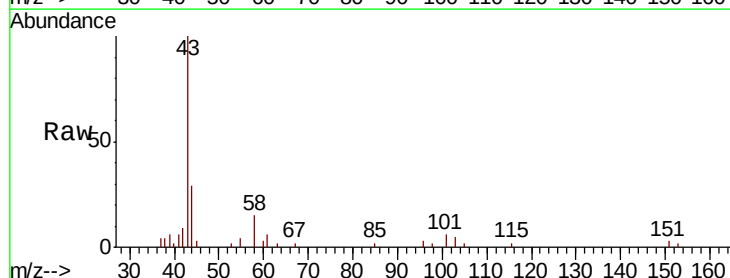
Acq: 23 Jan 2019 16:09

Tgt Ion: 43 Resp: 61356

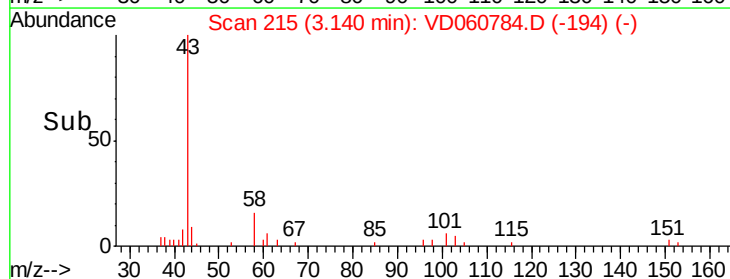
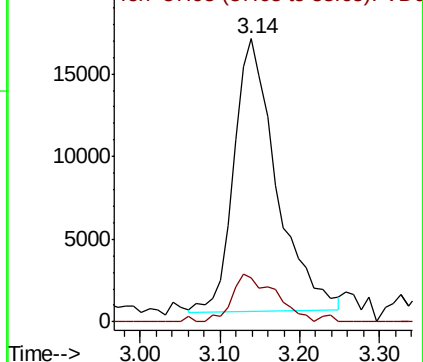
Ion Ratio Lower Upper

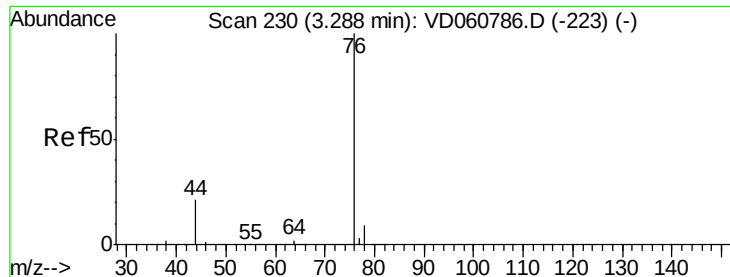
43 100

58 15.5 16.0 24.0#



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

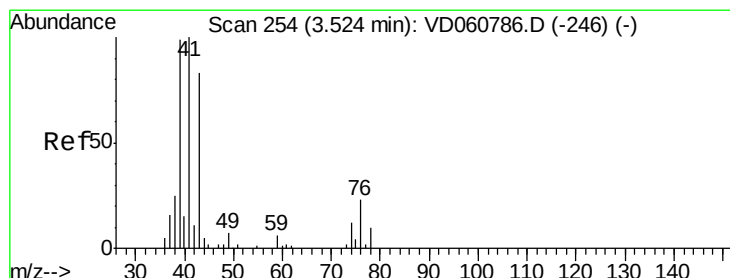
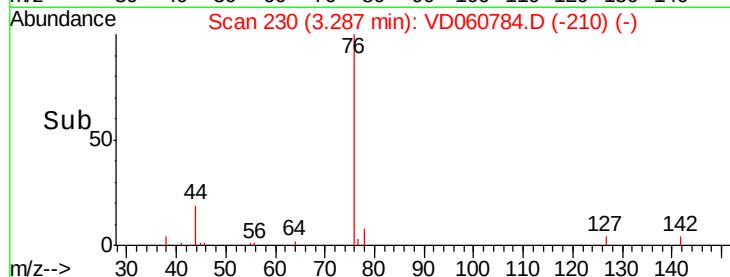
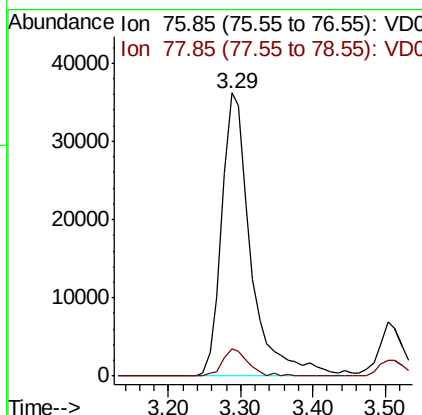
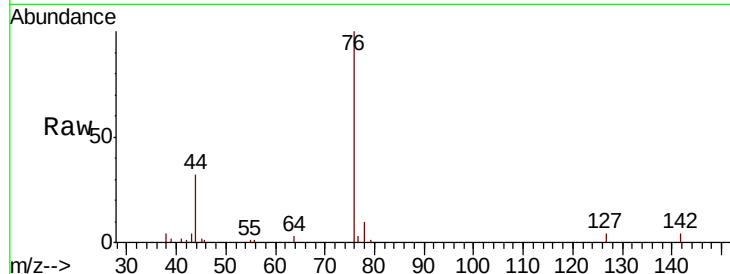




#17  
Carbon Disulfide  
Concen: 8.902 ug/l  
RT: 3.29 min Scan# 230  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

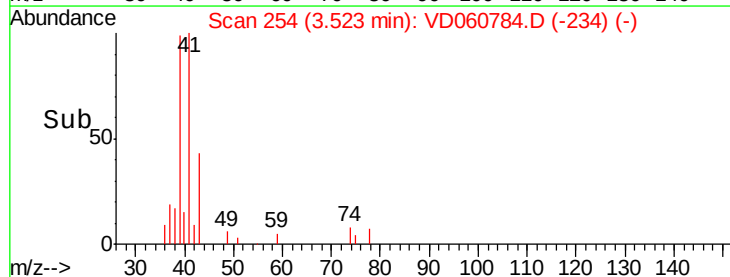
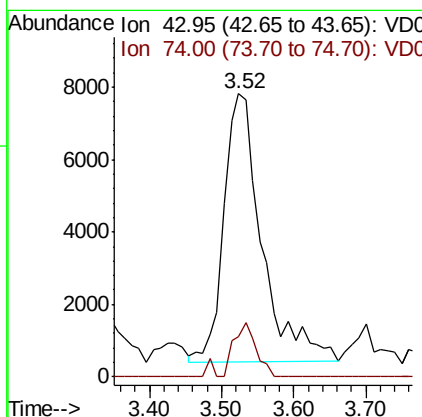
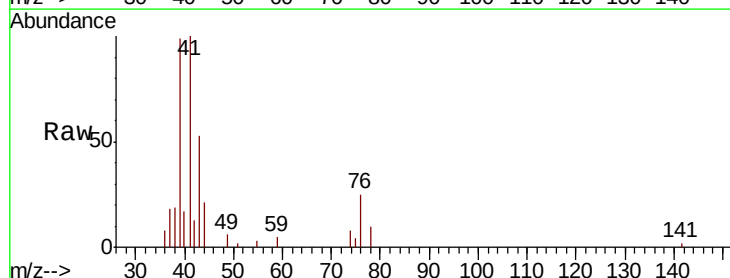
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

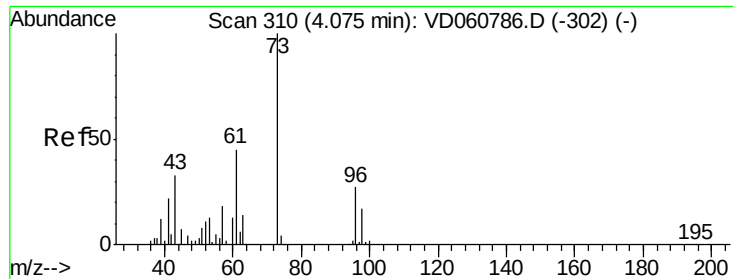
Tgt Ion: 76 Resp: 101066  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 10.118 ug/l  
RT: 3.52 min Scan# 254  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 43 Resp: 26912  
Ion Ratio Lower Upper  
43 100  
74 14.3 10.8 16.2





#19

Methyl tert-butyl Ether

Concen: 8.468 ug/l

RT: 4.08 min Scan# 311

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

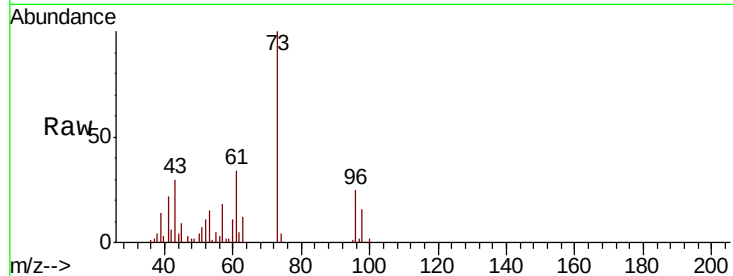
VSTDIC010

Tgt Ion: 73 Resp: 138049

Ion Ratio Lower Upper

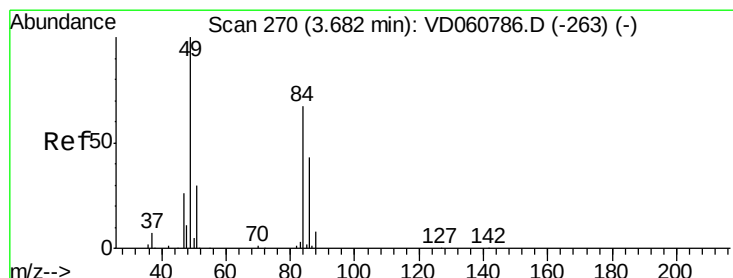
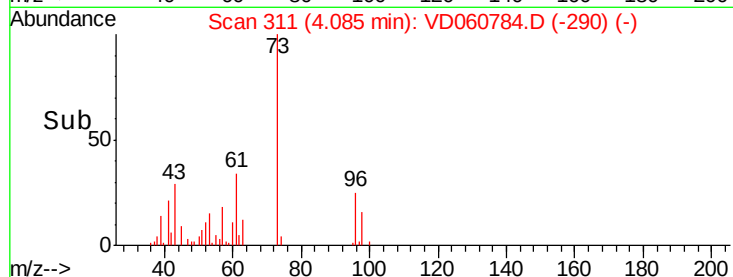
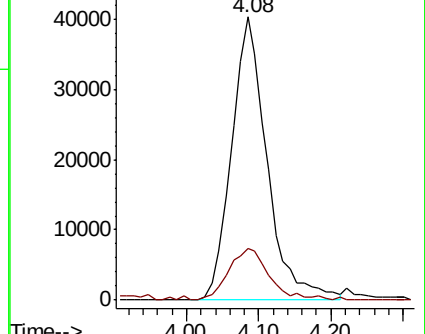
73 100

57 18.1 14.7 22.1



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.05 (56.75 to 57.75): VDC



#20

Methylene Chloride

Concen: 11.058 ug/l

RT: 3.68 min Scan# 270

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Tgt Ion: 84 Resp: 73858

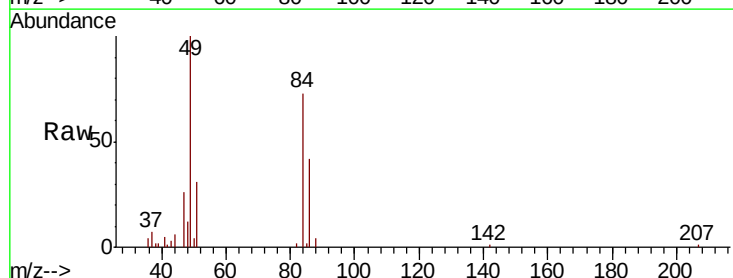
Ion Ratio Lower Upper

84 100

49 136.7 119.6 179.4

51 42.5 36.2 54.4

86 57.6 50.9 76.3

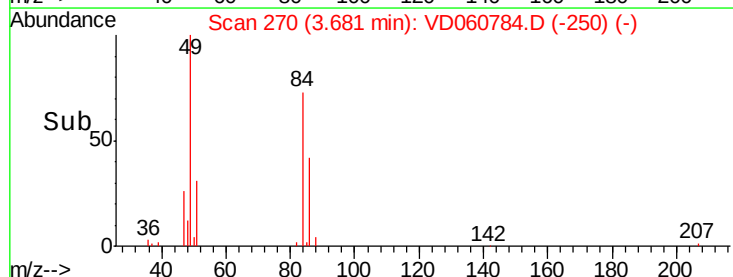
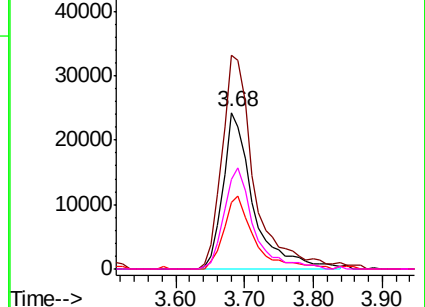


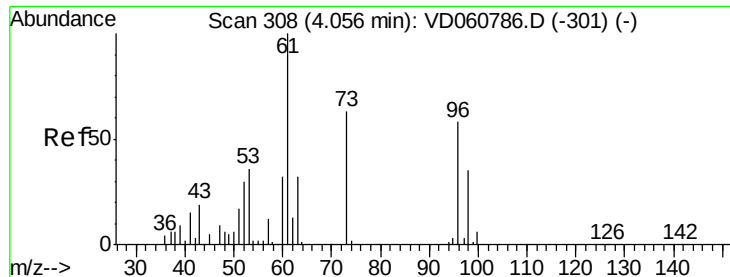
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 9.179 ug/l

RT: 4.06 min Scan# 309

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

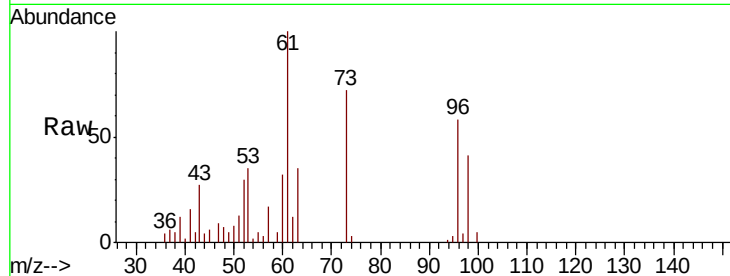
Tgt Ion: 96 Resp: 60241

Ion Ratio Lower Upper

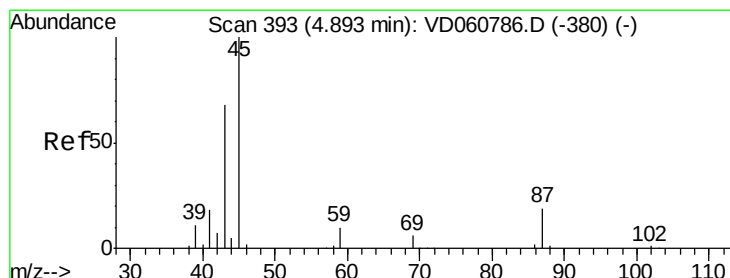
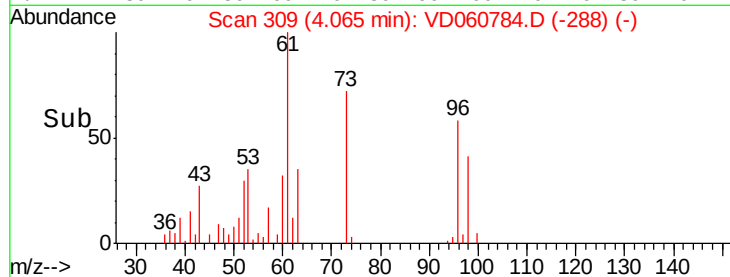
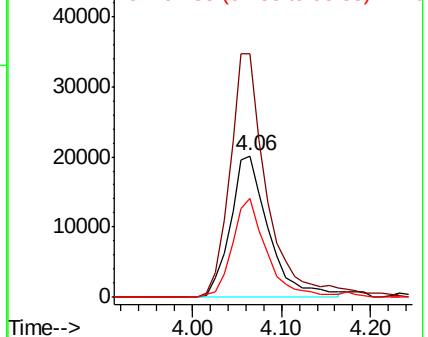
96 100

61 171.7 138.8 208.2

98 69.7 48.7 73.1



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



#22

Diisopropyl ether

Concen: 8.597 ug/l

RT: 4.90 min Scan# 394

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Tgt Ion: 45 Resp: 193218

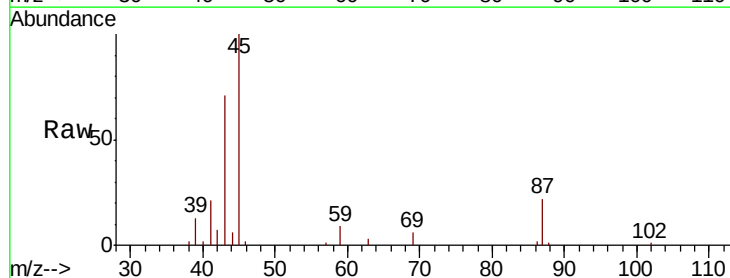
Ion Ratio Lower Upper

45 100

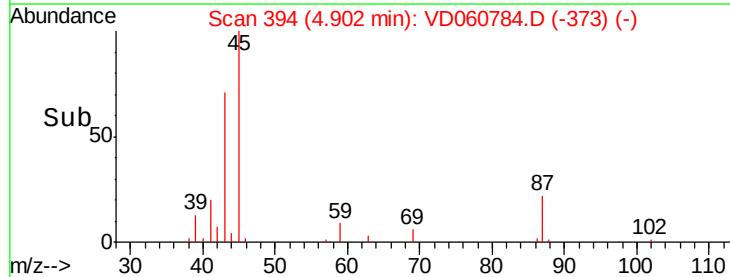
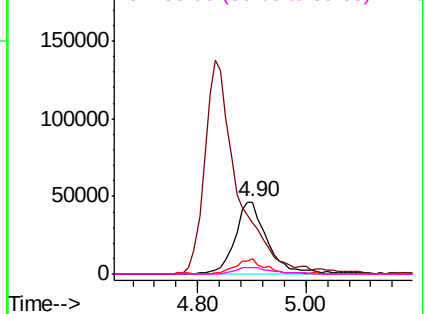
43 70.5 54.8 82.2

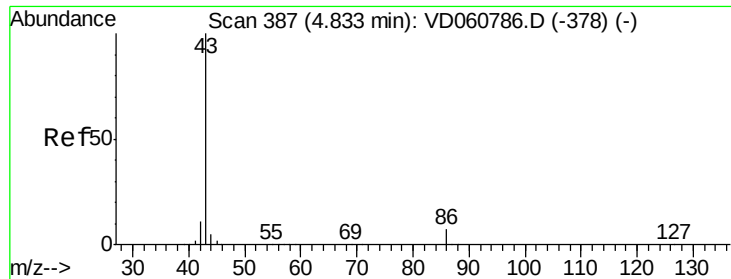
87 22.0 15.5 23.3

59 8.6 8.4 12.6



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 44.662 ug/l

RT: 4.83 min Scan# 387

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

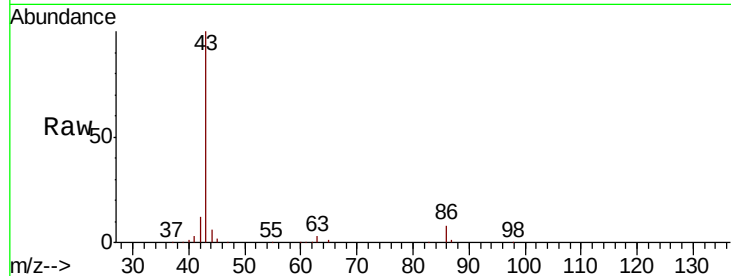
VSTDIC010

Tgt Ion: 43 Resp: 574405

Ion Ratio Lower Upper

43 100

86 7.8 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.83

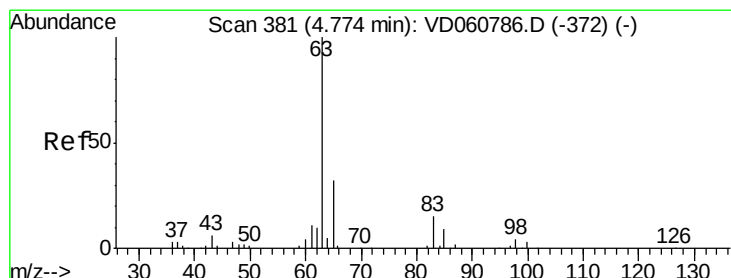
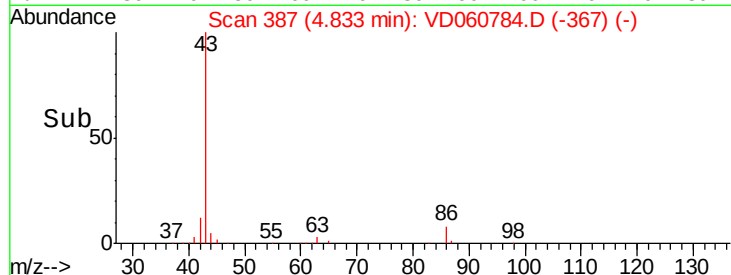
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 8.994 ug/l

RT: 4.77 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

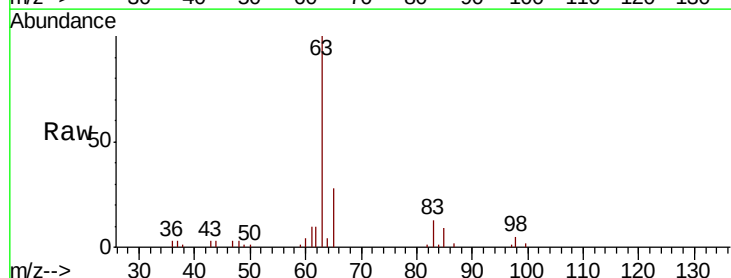
Tgt Ion: 63 Resp: 122108

Ion Ratio Lower Upper

63 100

98 5.3 1.9 5.7

100 2.0 1.5 4.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

4.77

50000

40000

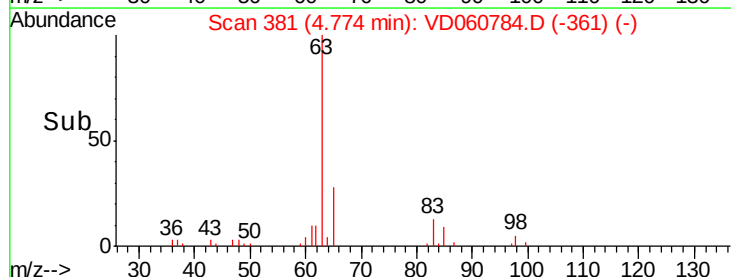
30000

20000

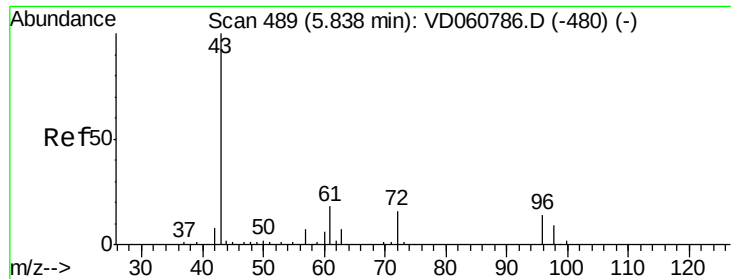
10000

0

Time-->







#25

2-Butanone

Concen: 46.309 ug/l

RT: 5.85 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

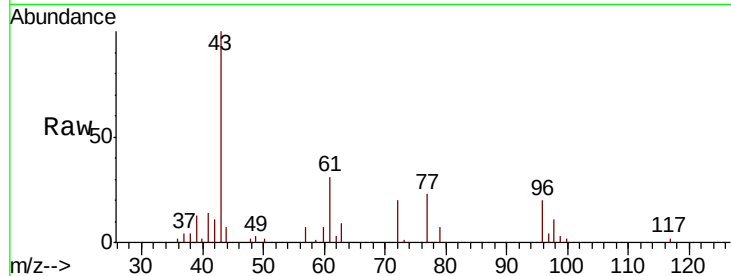
VSTDIC010

Tgt Ion: 43 Resp: 91796

Ion Ratio Lower Upper

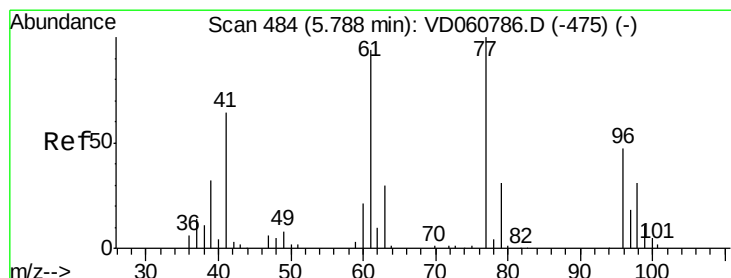
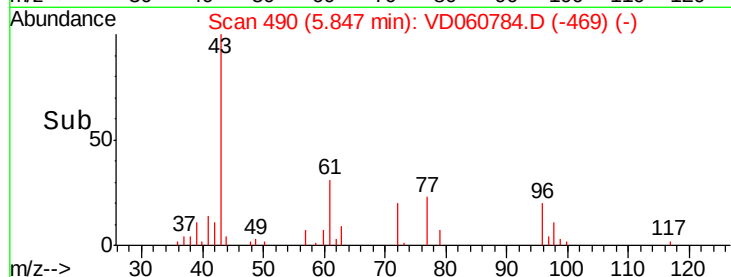
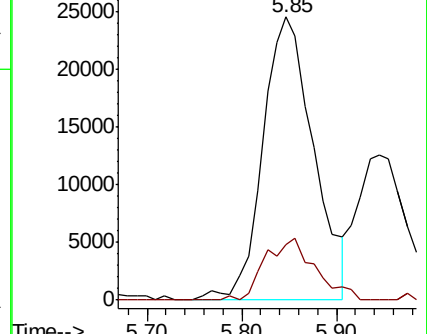
43 100

72 19.6 13.1 19.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 8.846 ug/l

RT: 5.80 min Scan# 485

Delta R.T. 0.01 min

Lab File: VD060784.D

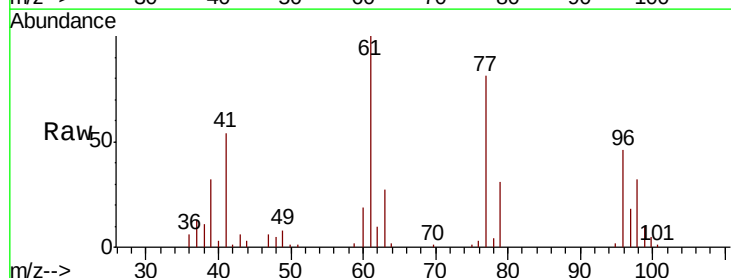
Acq: 23 Jan 2019 16:09

Tgt Ion: 77 Resp: 119013

Ion Ratio Lower Upper

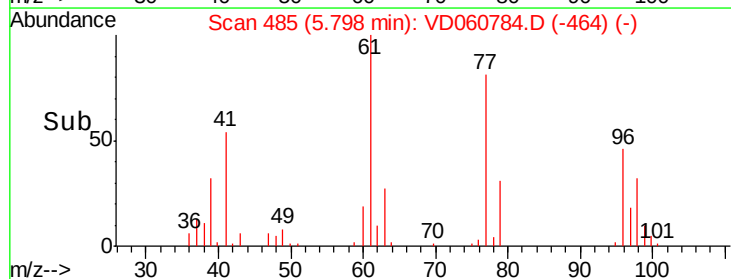
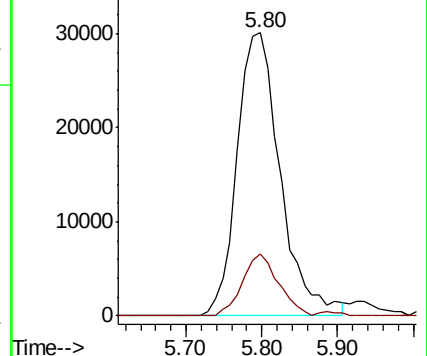
77 100

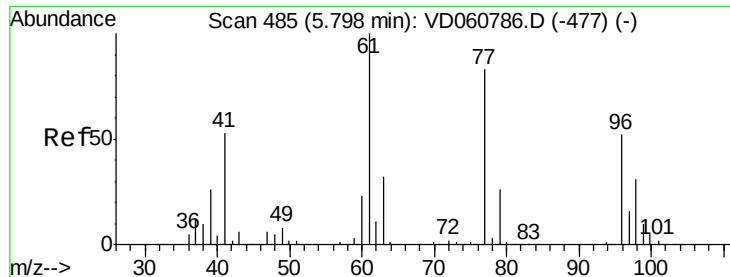
97 21.8 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



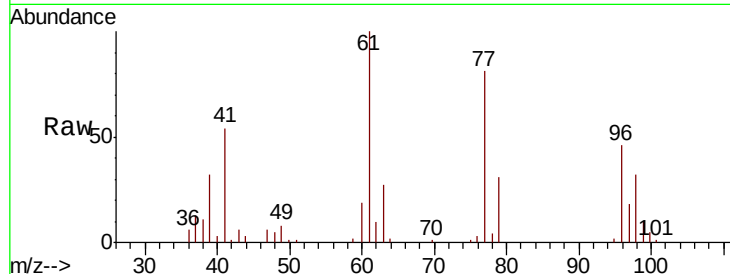


#27

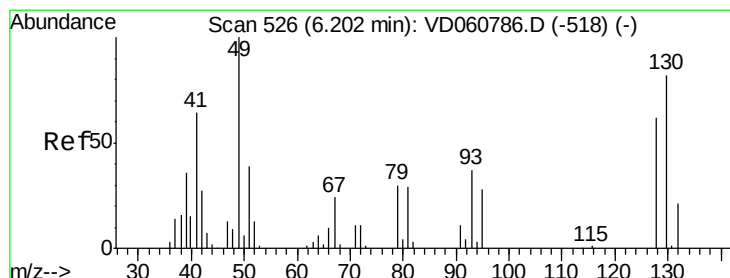
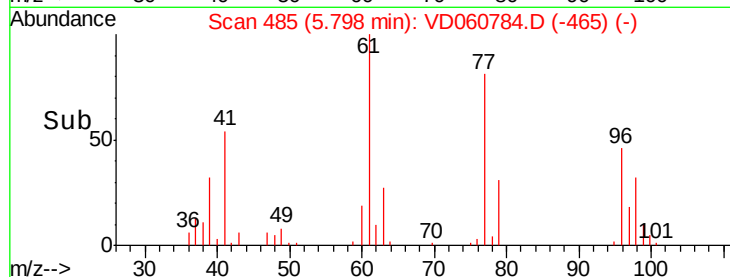
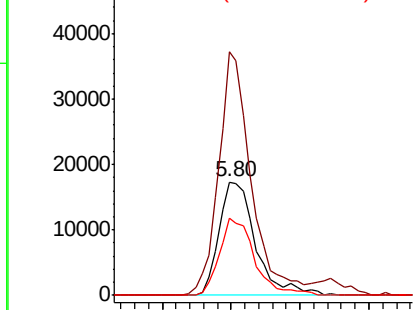
cis-1,2-Dichloroethene  
Concen: 9.409 ug/l  
RT: 5.80 min Scan# 485  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion: 96 Resp: 63807  
Ion Ratio Lower Upper  
96 100  
61 215.3 0.0 385.2  
98 67.9 0.0 120.6



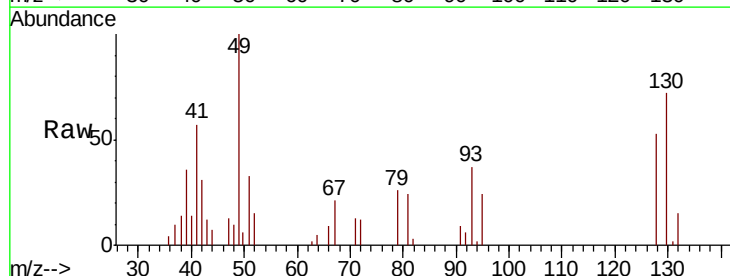
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



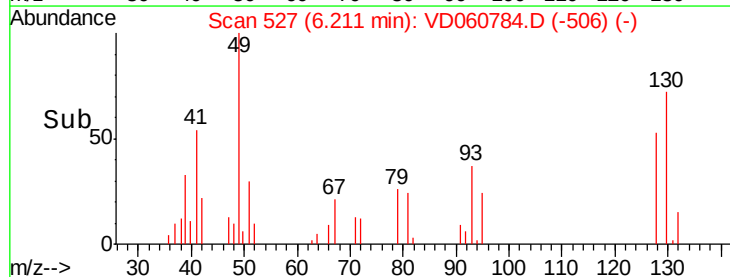
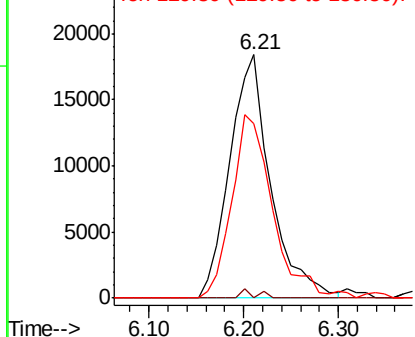
#28

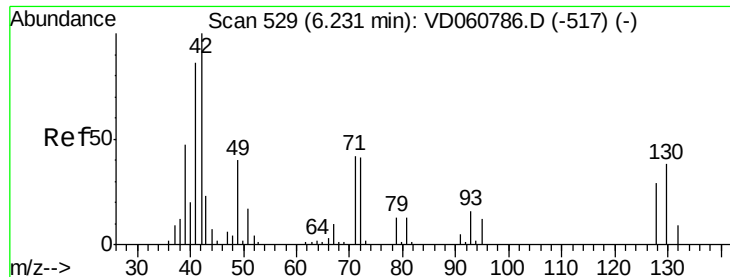
Bromochloromethane  
Concen: 10.013 ug/l  
RT: 6.21 min Scan# 527  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 49 Resp: 55168  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 0.0  
130 71.5 65.4 98.2



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





#29

Tetrahydrofuran

Concen: 49.149 ug/l

RT: 6.23 min Scan# 529

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

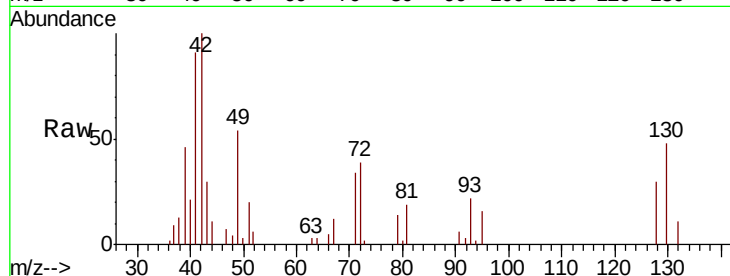
Tgt Ion: 42 Resp: 46933

Ion Ratio Lower Upper

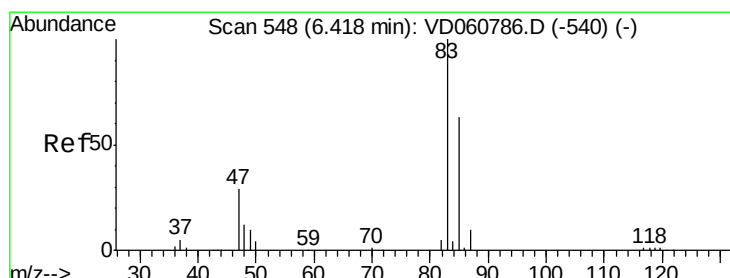
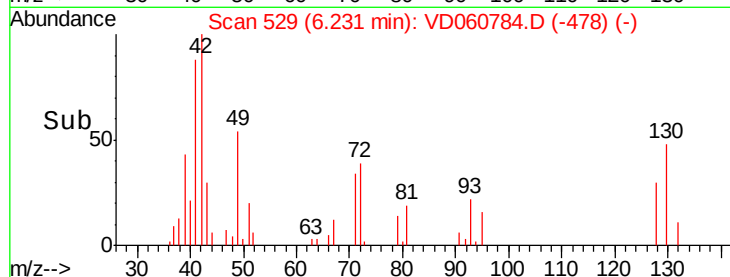
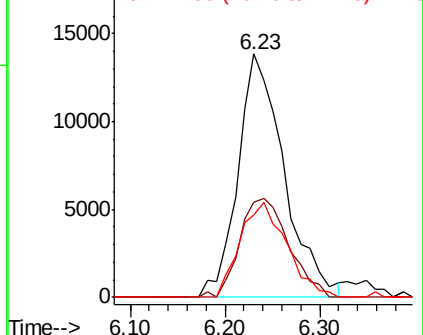
42 100

72 43.1 33.6 50.4

71 39.4 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 8.548 ug/l

RT: 6.43 min Scan# 549

Delta R.T. 0.01 min

Lab File: VD060784.D

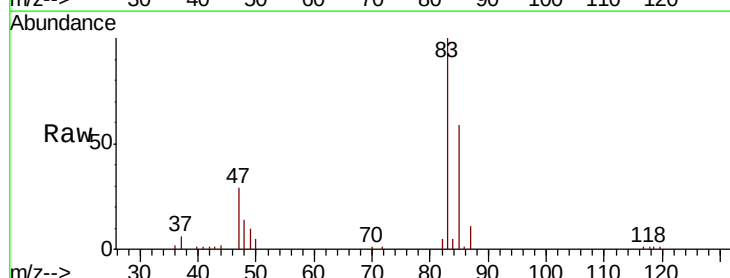
Acq: 23 Jan 2019 16:09

Tgt Ion: 83 Resp: 135626

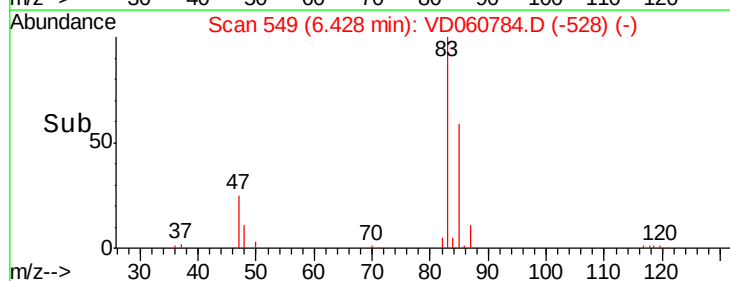
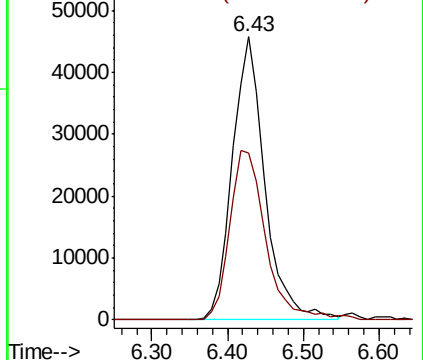
Ion Ratio Lower Upper

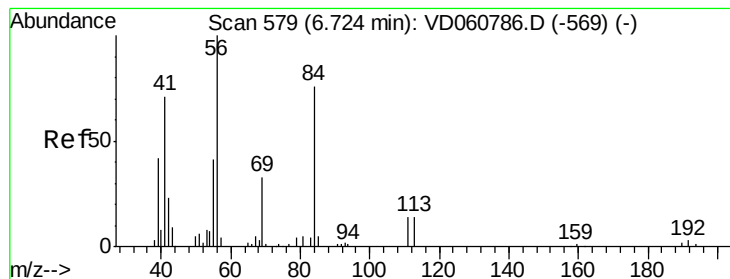
83 100

85 59.0 50.3 75.5



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 9.051 ug/l

RT: 6.72 min Scan# 579

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

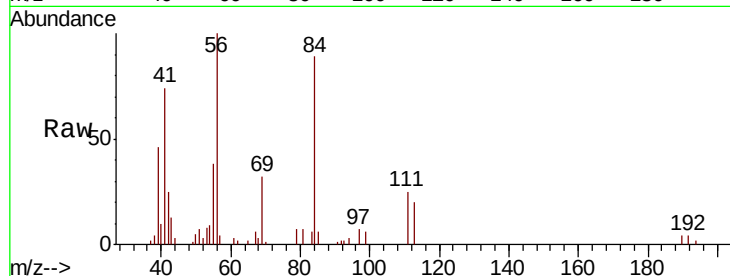
Tgt Ion: 56 Resp: 90505

Ion Ratio Lower Upper

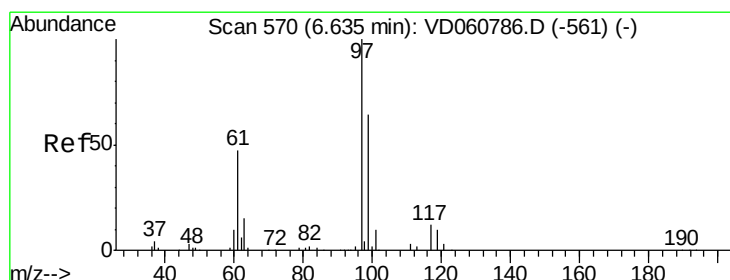
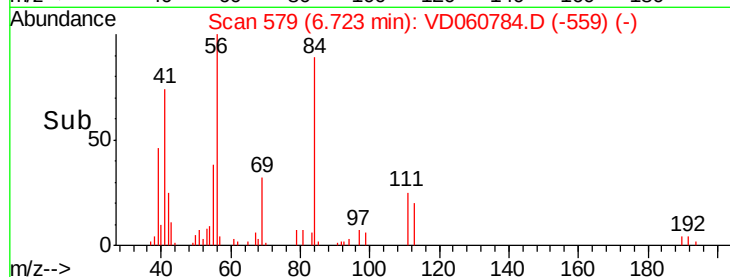
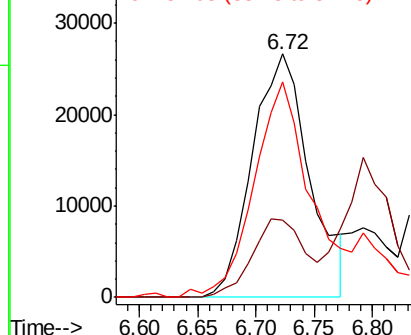
56 100

69 31.7 26.2 39.2

84 88.6 63.0 94.6



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



#32

1,1,1-Trichloroethane

Concen: 9.109 ug/l

RT: 6.63 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

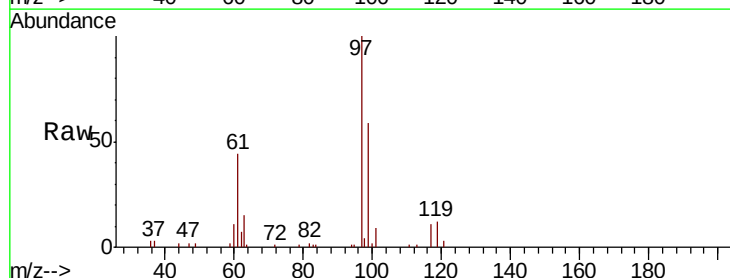
Tgt Ion: 97 Resp: 136017

Ion Ratio Lower Upper

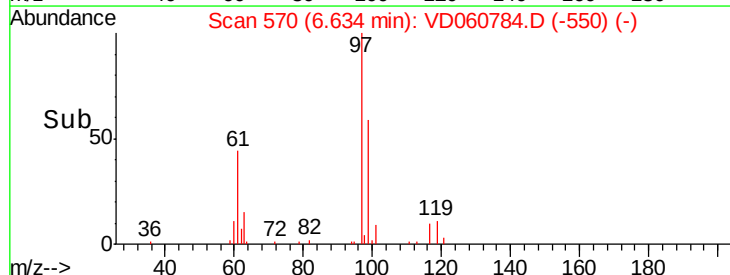
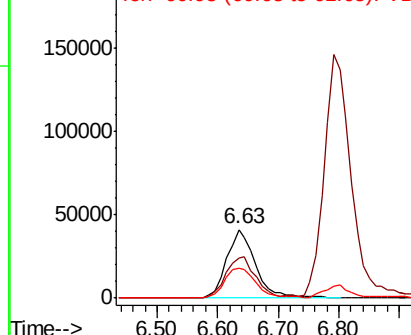
97 100

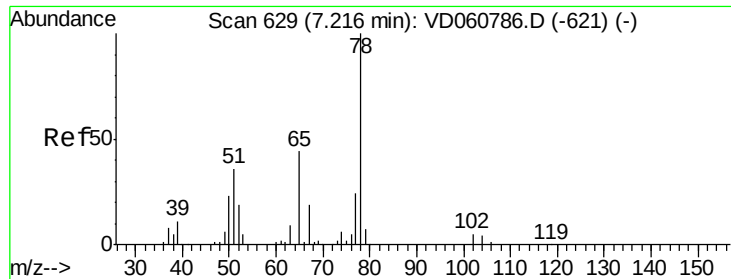
99 59.1 50.8 76.2

61 43.6 37.7 56.5



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

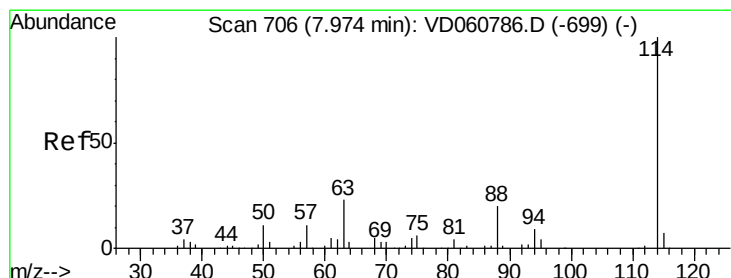
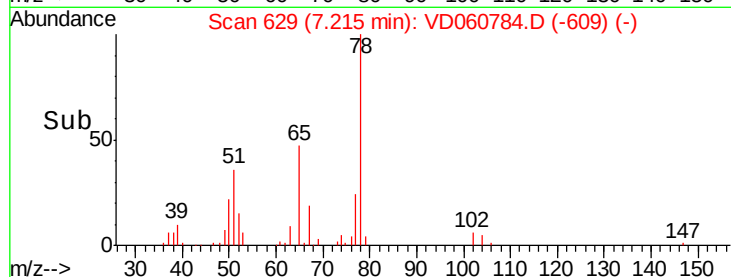
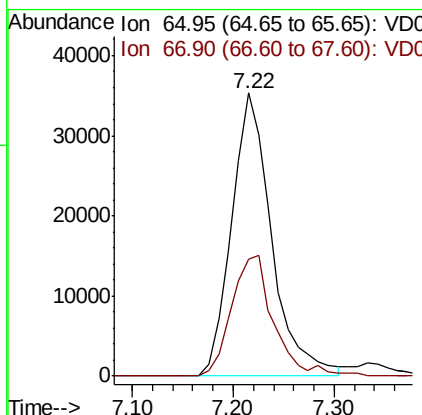
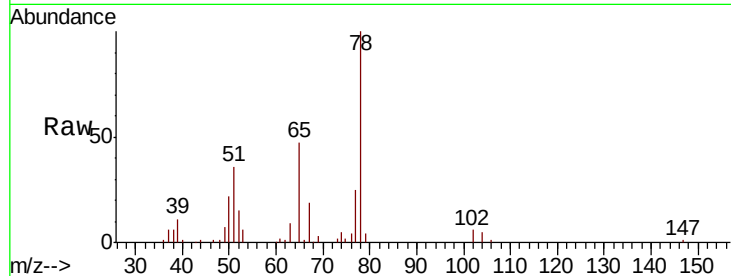




#33  
 1,2-Dichloroethane-d4  
 Concen: 9.109 ug/l  
 RT: 7.22 min Scan# 629  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

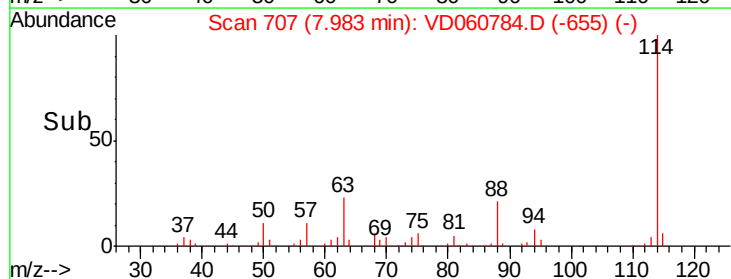
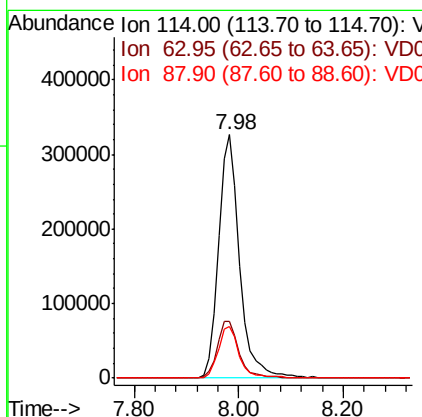
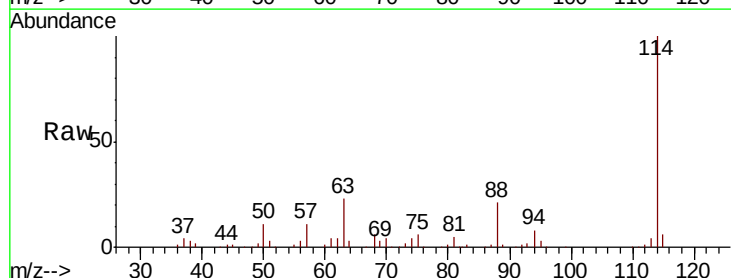
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

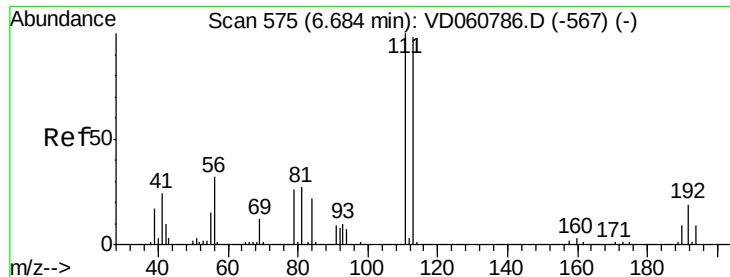
Tgt Ion: 65 Resp: 97110  
 Ion Ratio Lower Upper  
 65 100  
 67 41.5 0.0 86.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.98 min Scan# 707  
 Delta R.T. 0.01 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 114 Resp: 907736  
 Ion Ratio Lower Upper  
 114 100  
 63 23.2 0.0 46.4  
 88 21.2 0.0 39.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.68 min Scan# 575

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

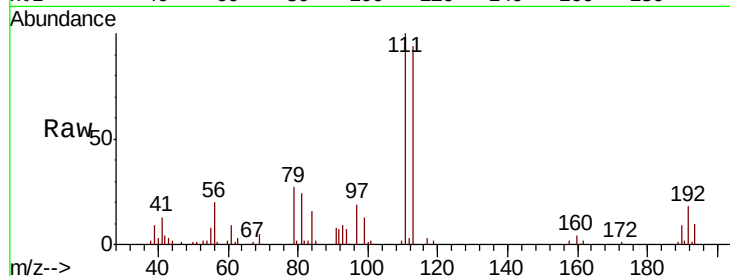
Tgt Ion:113 Resp: 88671

Ion Ratio Lower Upper

113 100

111 105.9 81.4 122.0

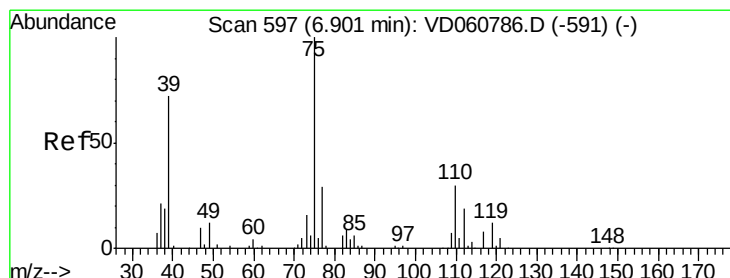
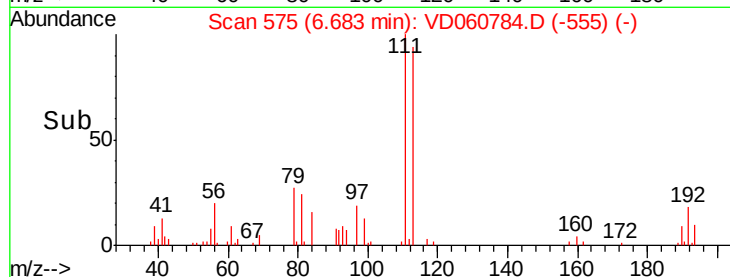
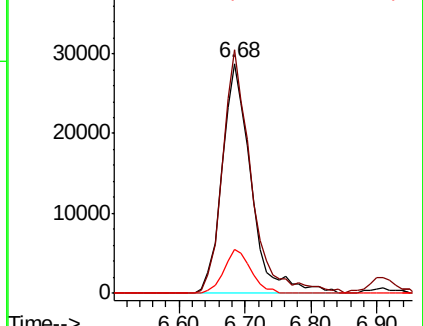
192 19.2 15.3 22.9



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 9.740 ug/l

RT: 6.91 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

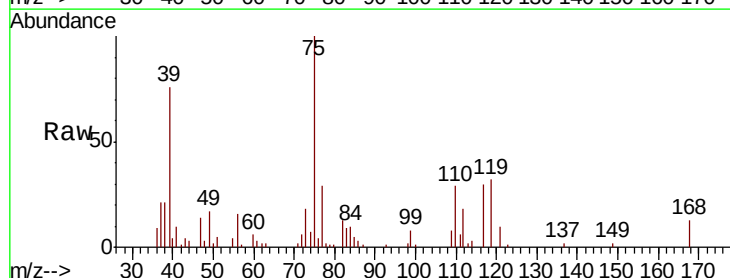
Tgt Ion: 75 Resp: 101734

Ion Ratio Lower Upper

75 100

110 29.2 14.8 44.3

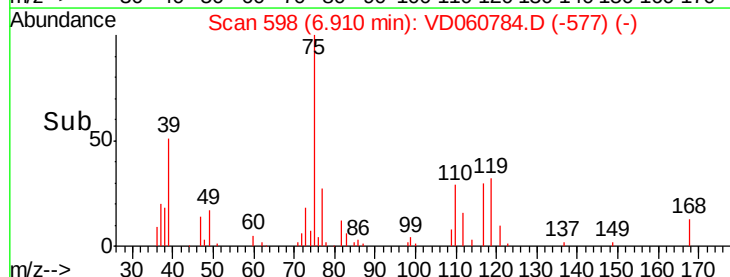
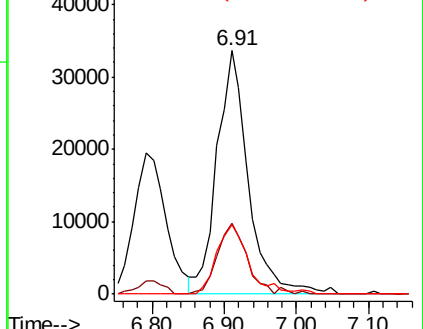
77 28.6 23.1 34.7

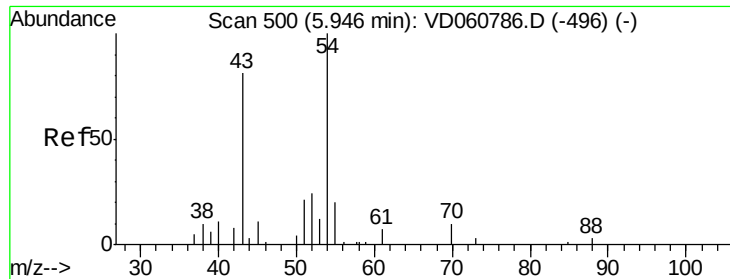


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

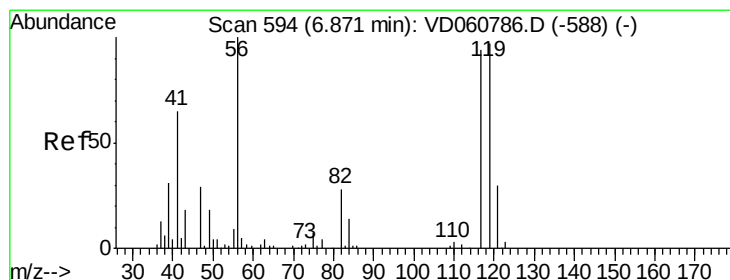
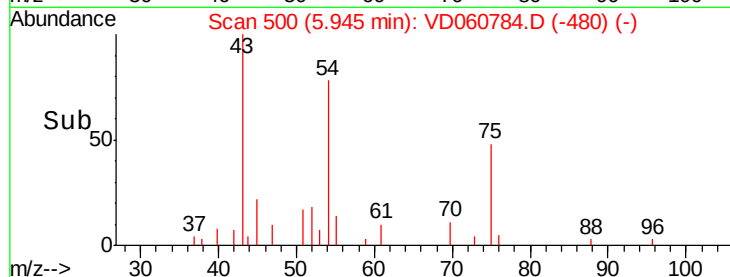
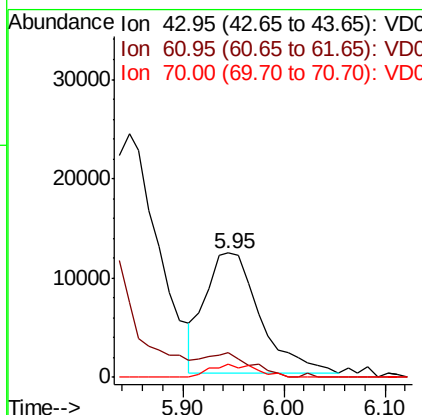
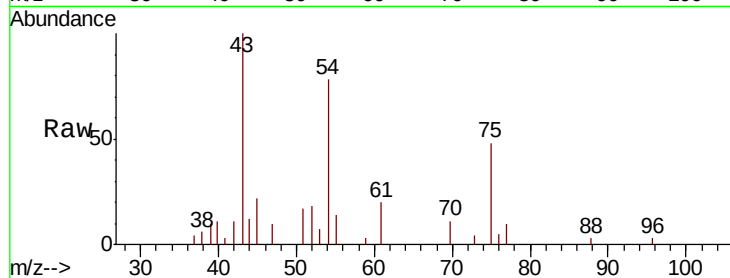




#37  
**Ethyl Acetate**  
 Concen: 10.461 ug/l  
 RT: 5.95 min Scan# 500  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

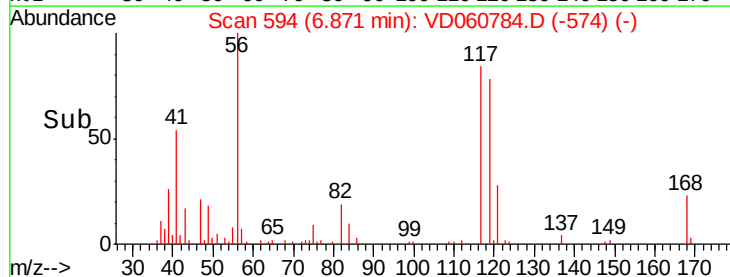
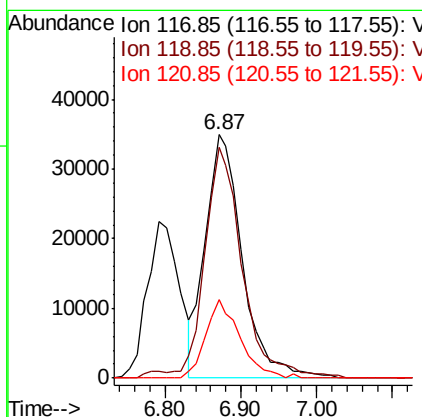
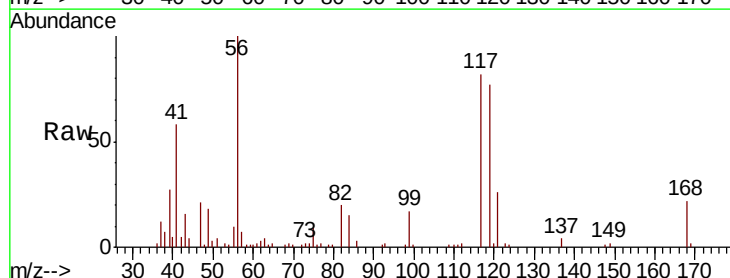
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

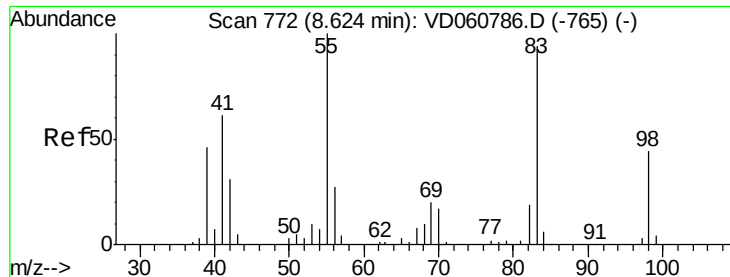
Tgt Ion: 43 Resp: 45409  
 Ion Ratio Lower Upper  
 43 100  
 61 20.1 12.2 18.4#  
 70 10.5 6.8 10.2#



#38  
**Carbon Tetrachloride**  
 Concen: 9.253 ug/l  
 RT: 6.87 min Scan# 594  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 117 Resp: 119104  
 Ion Ratio Lower Upper  
 117 100  
 119 94.8 77.5 116.3  
 121 32.2 24.2 36.2

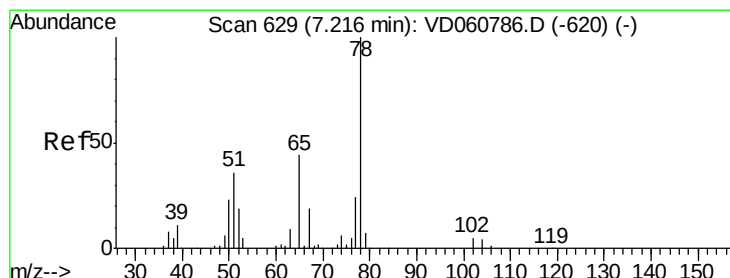
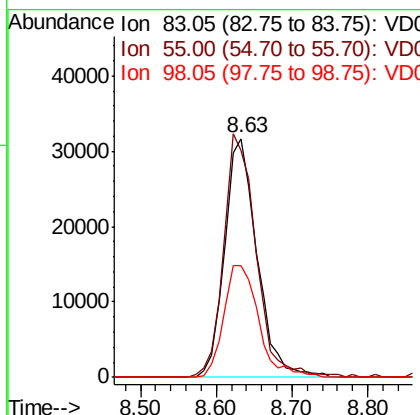
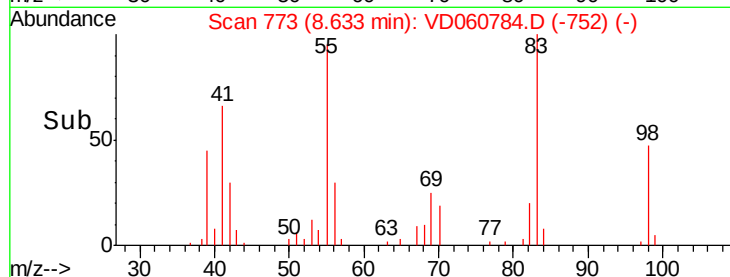
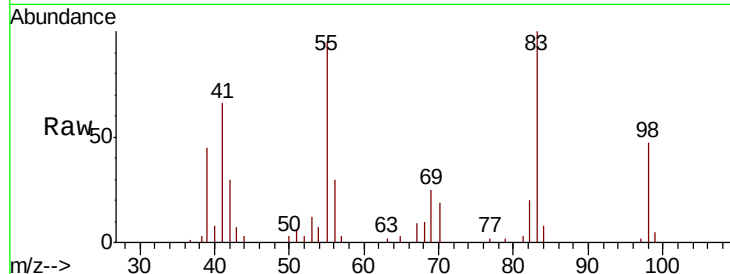




#39  
Methylcyclohexane  
Concen: 10.045 ug/l  
RT: 8.63 min Scan# 773  
Delta R.T. 0.01 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

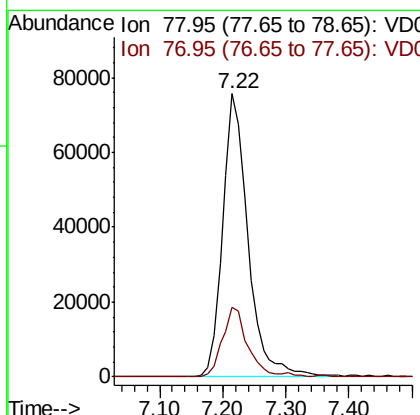
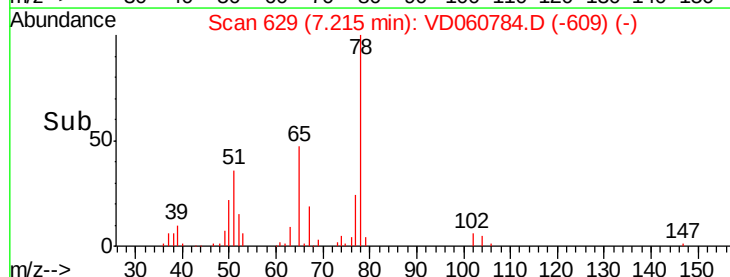
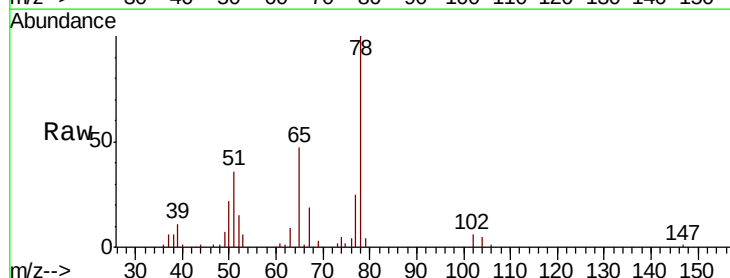
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion: 83 Resp: 93540  
Ion Ratio Lower Upper  
83 100  
55 95.1 85.2 127.8  
98 46.6 37.7 56.5

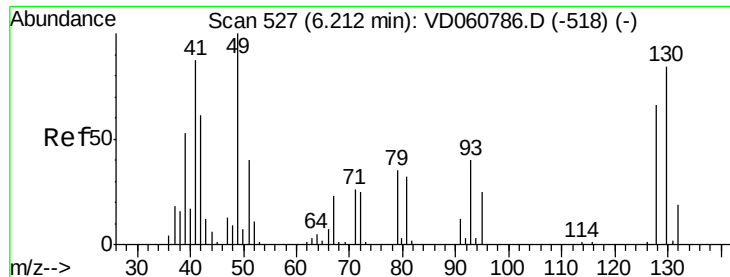


#40  
Benzene  
Concen: 9.900 ug/l  
RT: 7.22 min Scan# 629  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 78 Resp: 210825  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.0 28.4



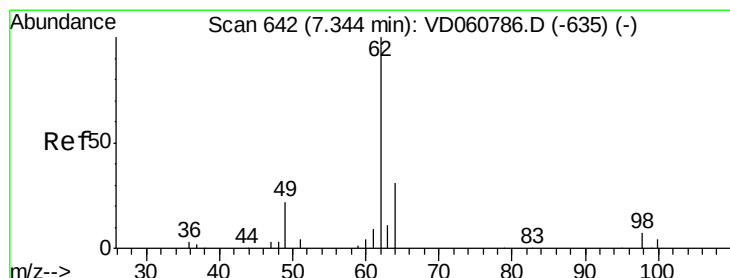
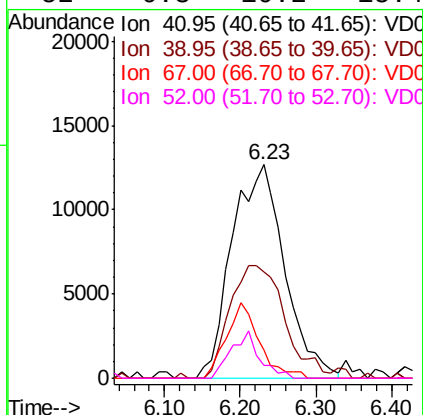
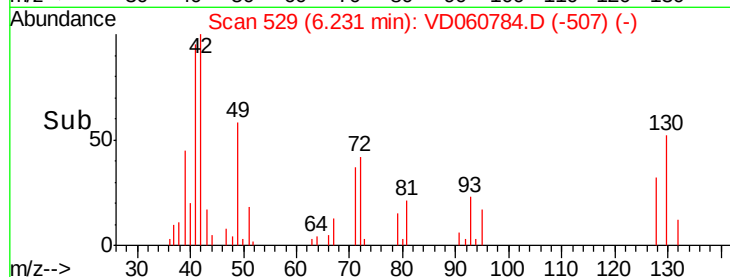
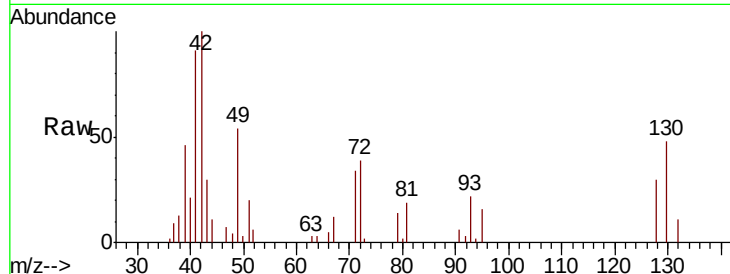




#41  
Methacrylonitrile  
Concen: 18.922 ug/l  
RT: 6.23 min Scan# 529  
Delta R.T. 0.02 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

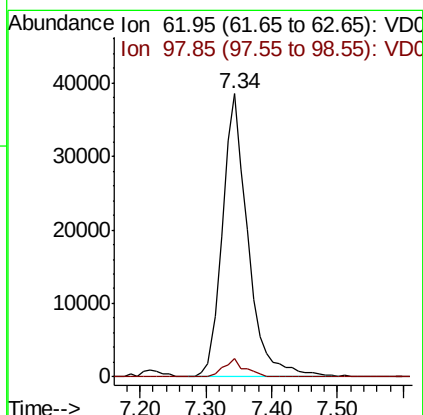
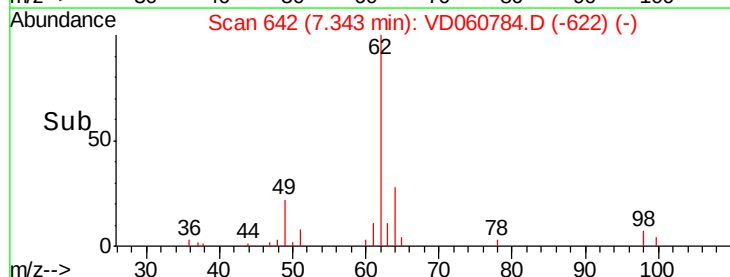
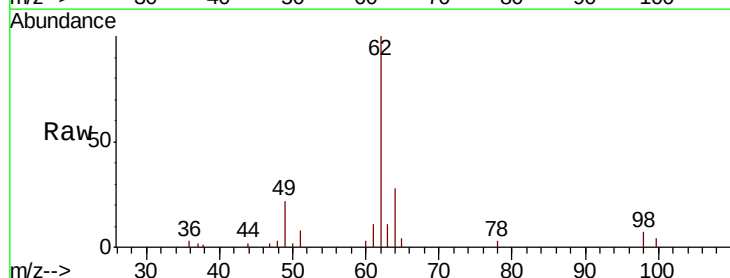
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

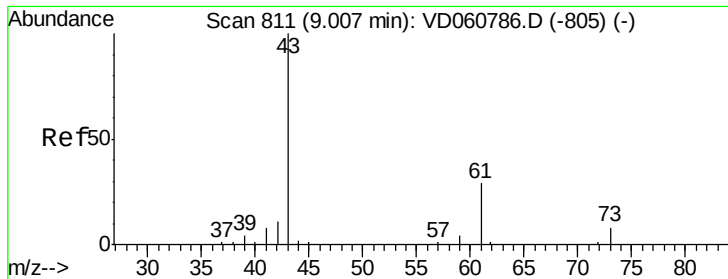
Tgt Ion: 41 Resp: 61345  
Ion Ratio Lower Upper  
41 100  
39 50.0 49.4 74.2  
67 13.5 20.7 31.1#  
52 6.3 10.2 15.4#



#42  
1,2-Dichloroethane  
Concen: 9.056 ug/l  
RT: 7.34 min Scan# 642  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 62 Resp: 104628  
Ion Ratio Lower Upper  
62 100  
98 6.6 0.0 13.6





#43

Isopropyl Acetate

Concen: 8.996 ug/l

RT: 9.02 min Scan# 812

Delta R.T. 0.01 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

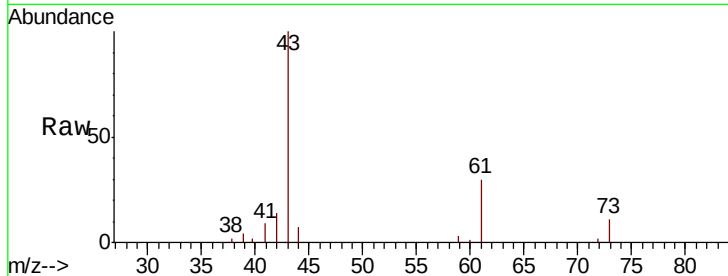
Tgt Ion: 43 Resp: 59979

Ion Ratio Lower Upper

43 100

61 29.8 23.2 34.8

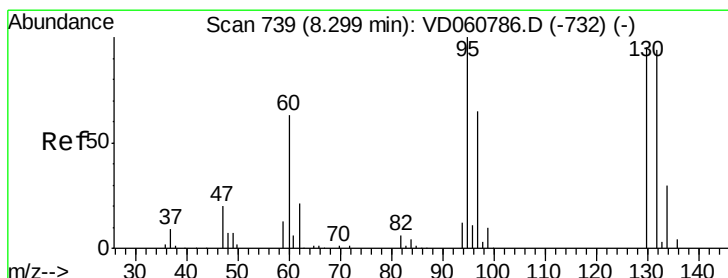
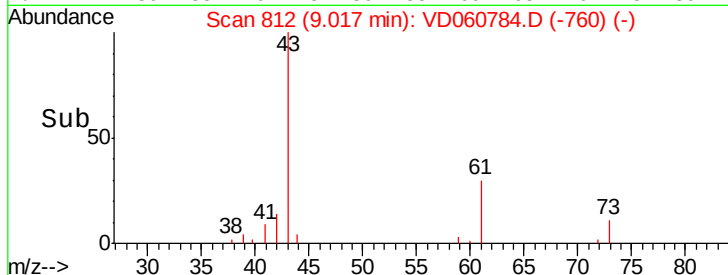
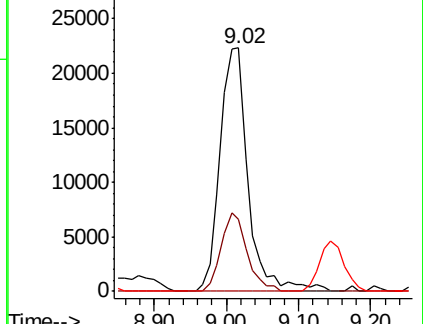
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 9.265 ug/l

RT: 8.31 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD060784.D

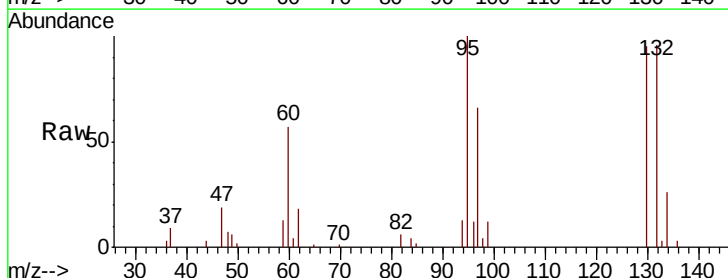
Acq: 23 Jan 2019 16:09

Tgt Ion: 130 Resp: 69991

Ion Ratio Lower Upper

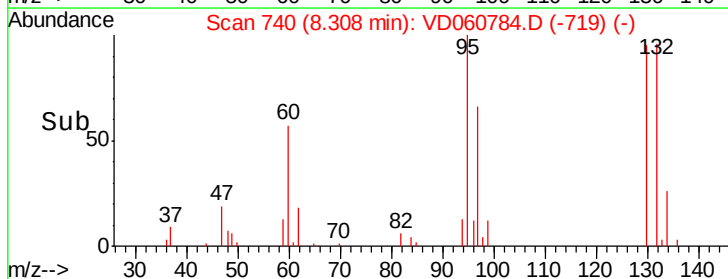
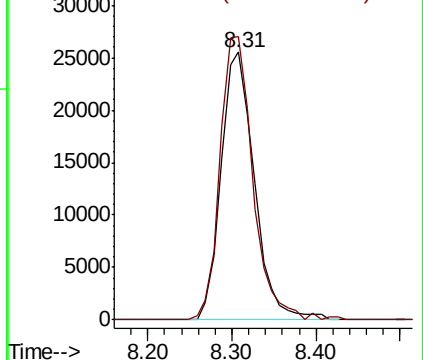
130 100

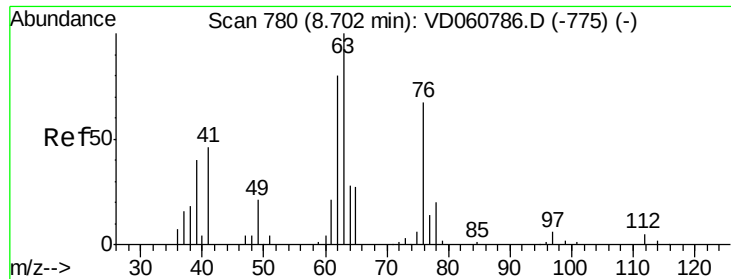
95 105.7 0.0 211.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

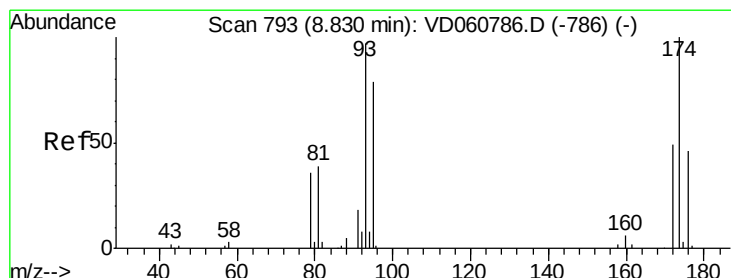
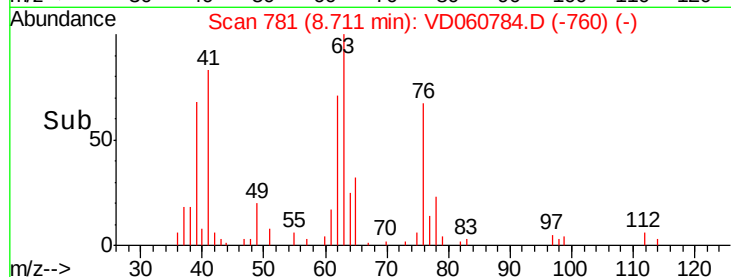
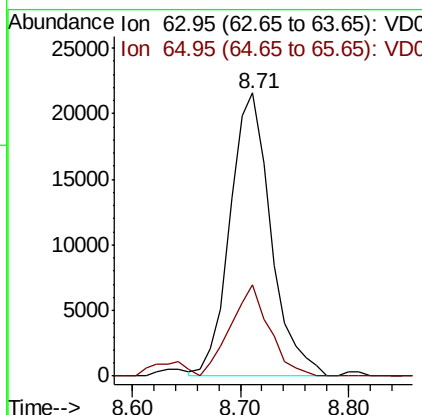
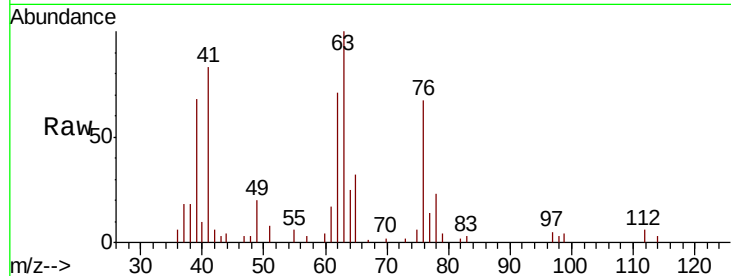




#45  
 1,2-Dichloropropane  
 Concen: 10.271 ug/l  
 RT: 8.71 min Scan# 781  
 Delta R.T. 0.01 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

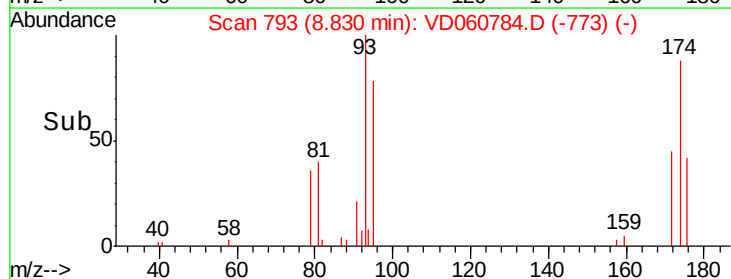
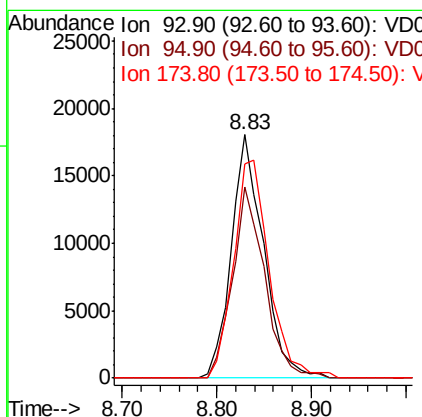
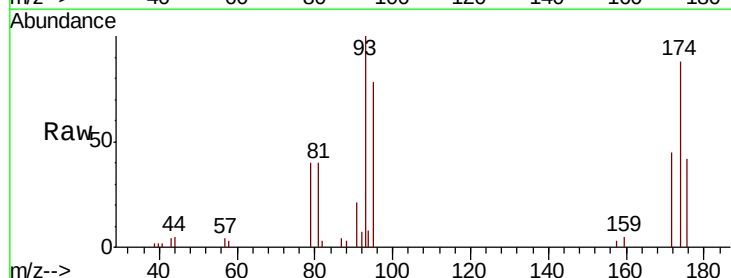
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

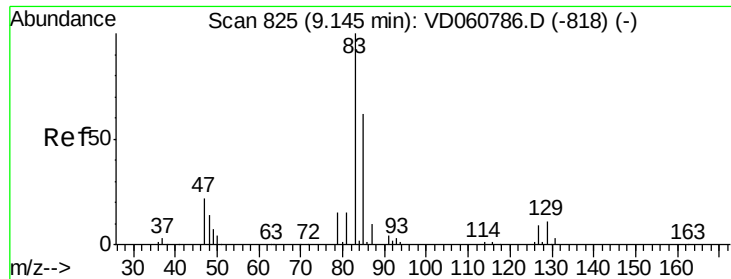
Tgt Ion: 63 Resp: 56760  
 Ion Ratio Lower Upper  
 63 100  
 65 32.4 23.0 34.6



#46  
 Dibromomethane  
 Concen: 9.427 ug/l  
 RT: 8.83 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 93 Resp: 42613  
 Ion Ratio Lower Upper  
 93 100  
 95 78.5 65.2 97.8  
 174 87.8 82.1 123.1

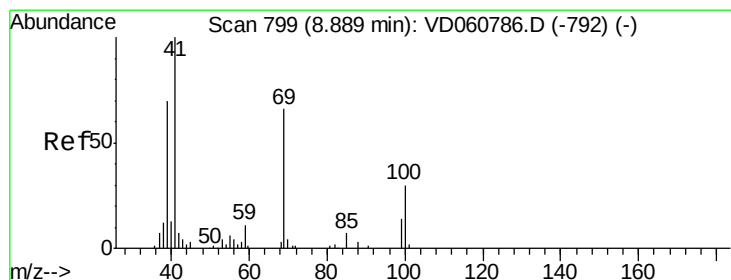
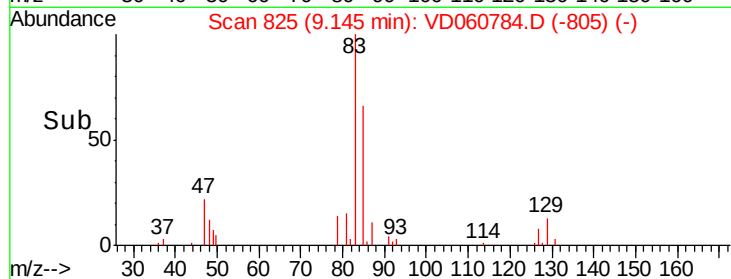
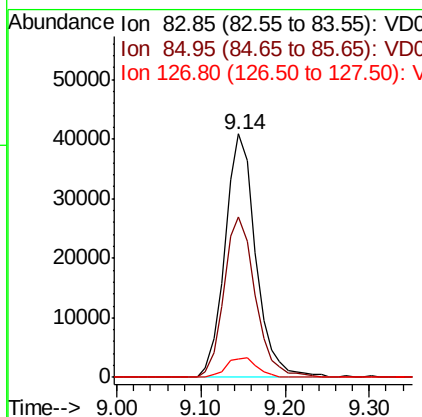
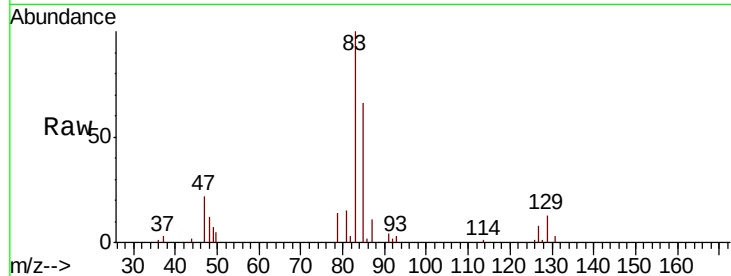




#47  
Bromodichloromethane  
Concen: 9.341 ug/l  
RT: 9.14 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

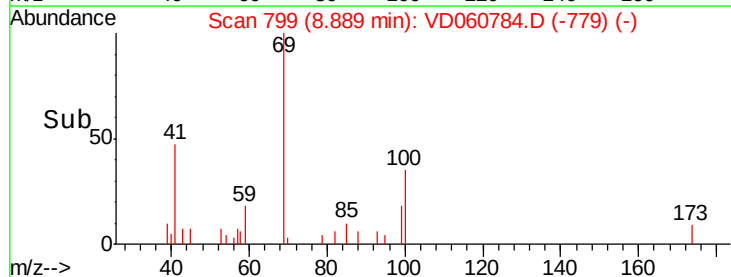
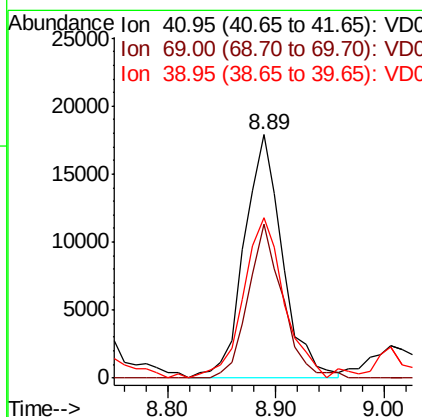
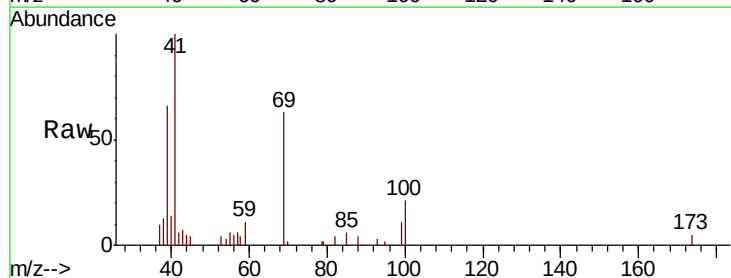
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

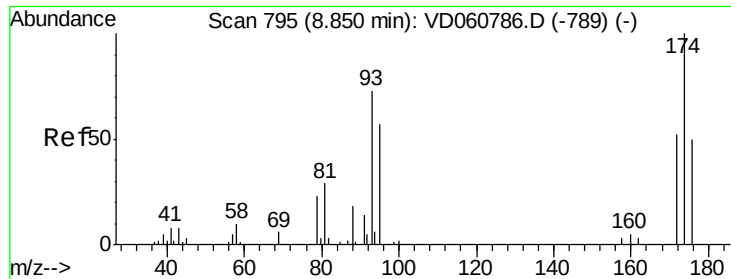
Tgt Ion: 83 Resp: 104012  
Ion Ratio Lower Upper  
83 100  
85 66.0 49.8 74.6  
127 7.5 7.0 10.4



#48  
Methyl methacrylate  
Concen: 9.824 ug/l  
RT: 8.89 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 41 Resp: 44201  
Ion Ratio Lower Upper  
41 100  
69 63.3 52.2 78.4  
39 66.0 56.3 84.5

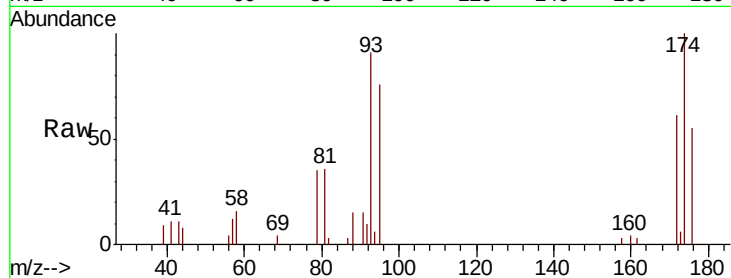




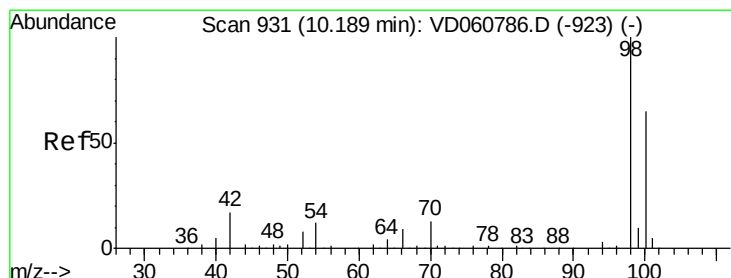
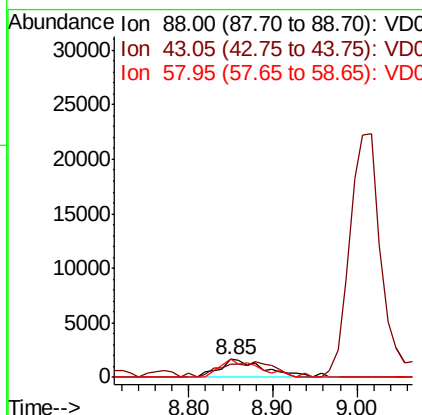
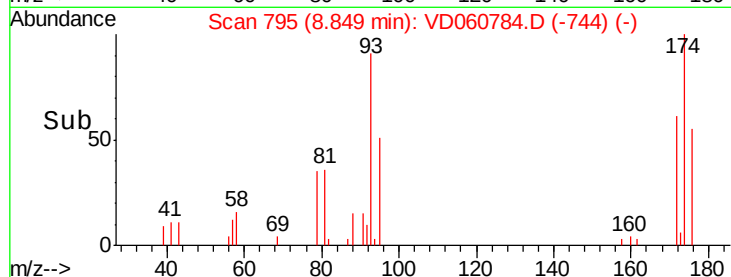
#49  
1,4-Dioxane  
Concen: 168.271 ug/l  
RT: 8.85 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion: 88 Resp: 6391  
Ion Ratio Lower Upper  
88 100  
43 73.7 36.2 54.2#  
58 103.4 47.3 70.9#

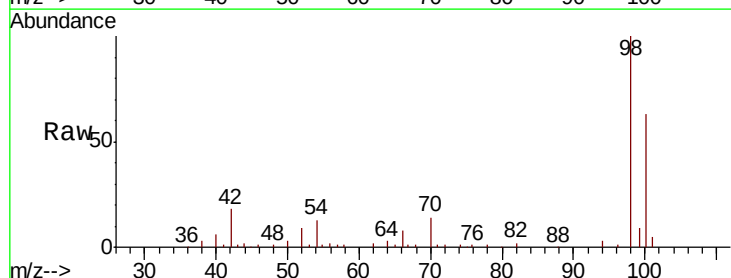


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

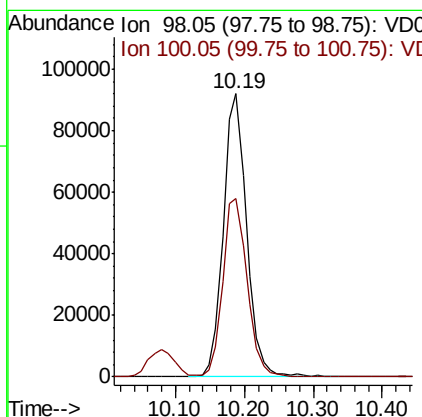
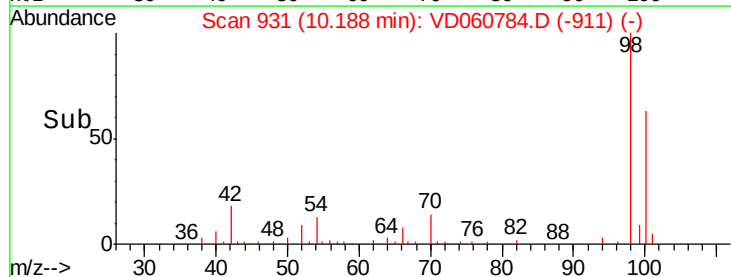


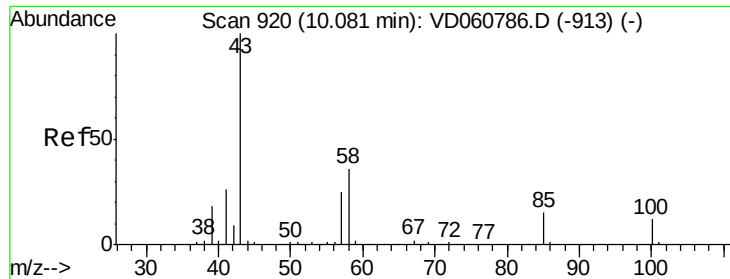
#50  
Toluene-d8  
Concen: 168.271 ug/l  
RT: 10.19 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 98 Resp: 215122  
Ion Ratio Lower Upper  
98 100  
100 63.0 53.4 80.2



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

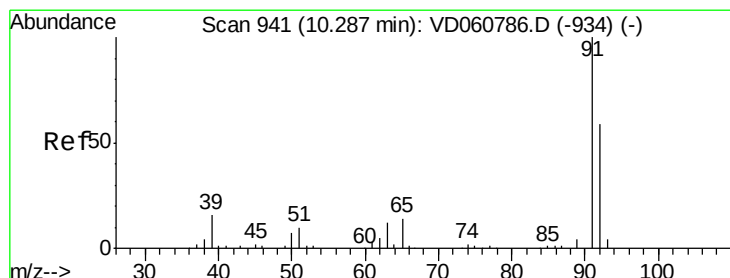
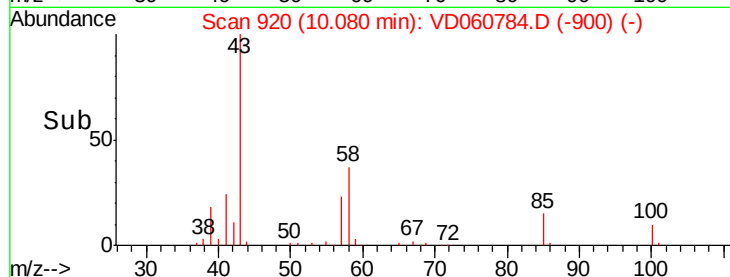
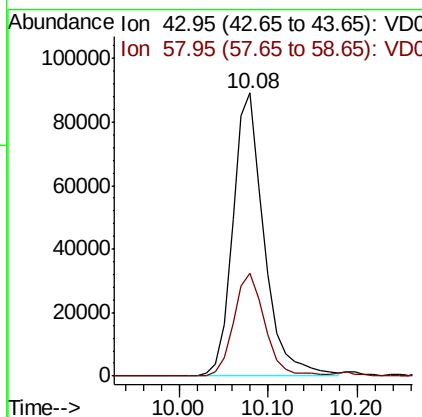
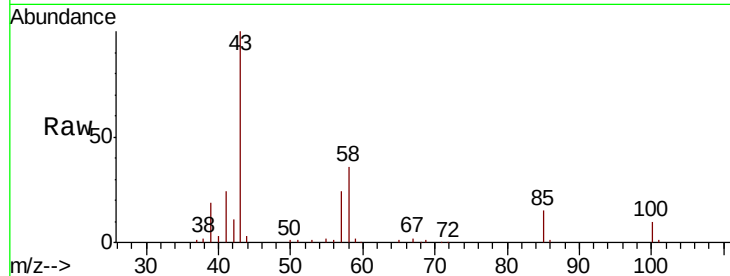




#51  
 4-Methyl-2-Pentanone  
 Concen: 49.596 ug/l  
 RT: 10.08 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

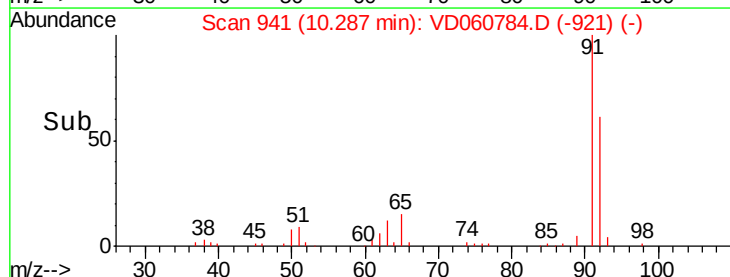
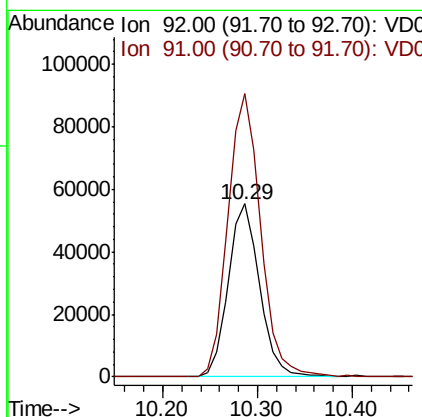
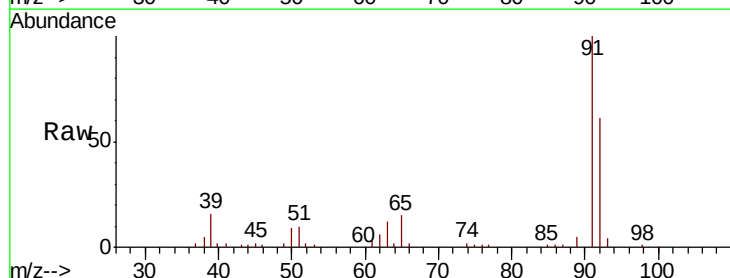
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

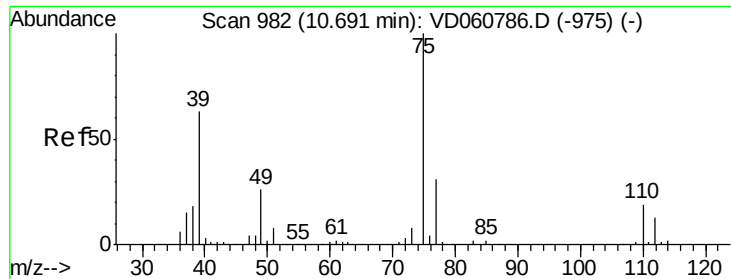
Tgt Ion: 43 Resp: 217522  
 Ion Ratio Lower Upper  
 43 100  
 58 36.5 29.0 43.6



#52  
 Toluene  
 Concen: 9.534 ug/l  
 RT: 10.29 min Scan# 941  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 92 Resp: 127068  
 Ion Ratio Lower Upper  
 92 100  
 91 163.7 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 8.996 ug/l

RT: 10.69 min Scan# 982

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

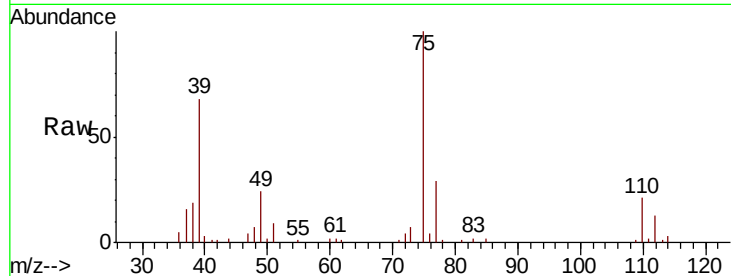
VSTDIC010

Tgt Ion: 75 Resp: 98030

Ion Ratio Lower Upper

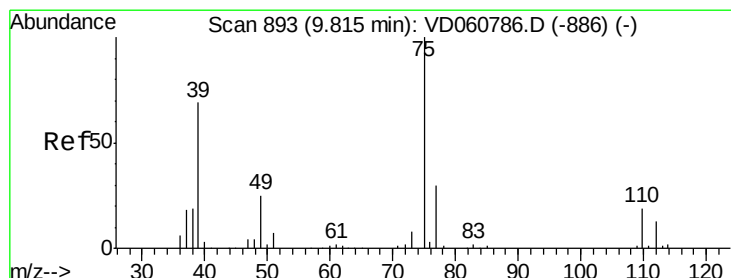
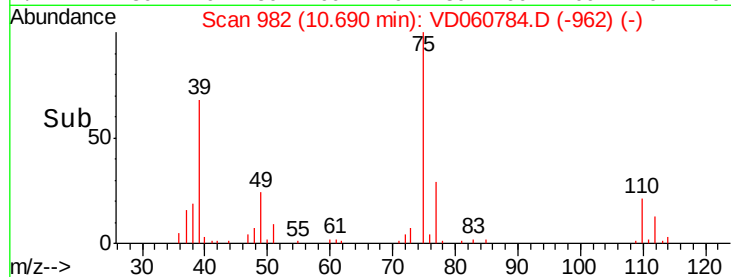
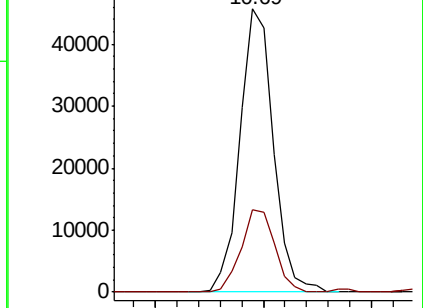
75 100

77 29.3 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 9.344 ug/l

RT: 9.81 min Scan# 893

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

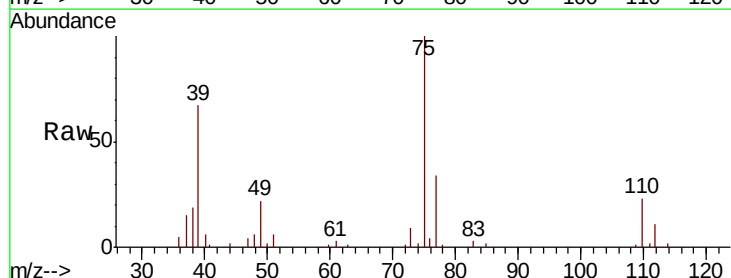
Tgt Ion: 75 Resp: 96715

Ion Ratio Lower Upper

75 100

77 33.7 24.1 36.1

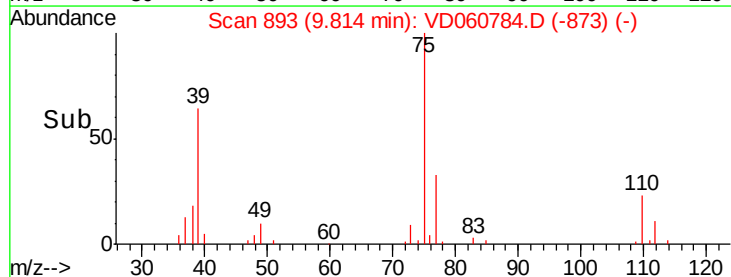
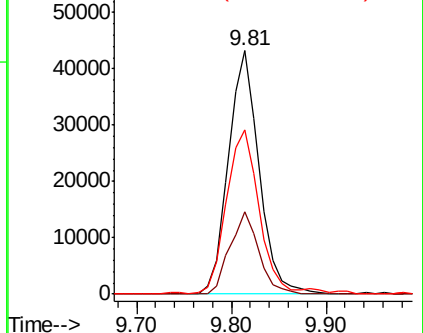
39 67.4 55.4 83.0

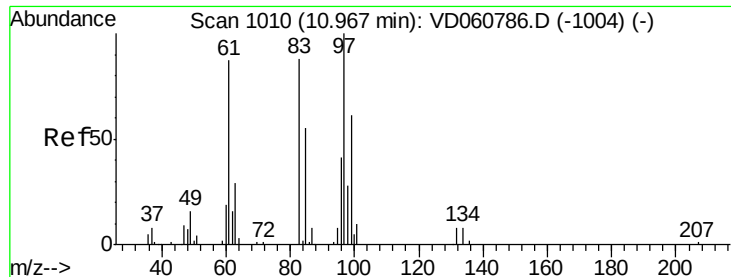


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

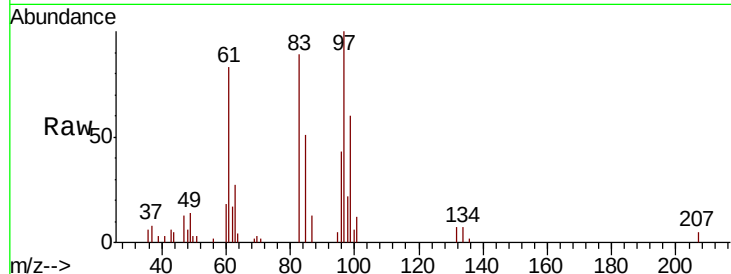




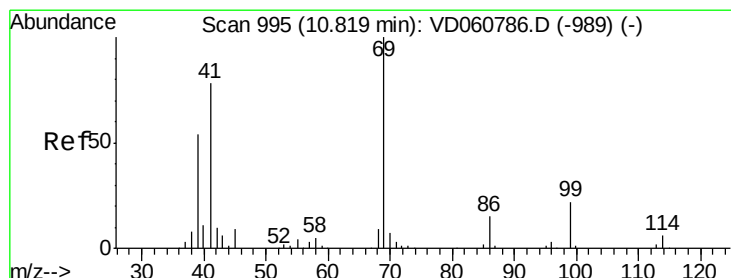
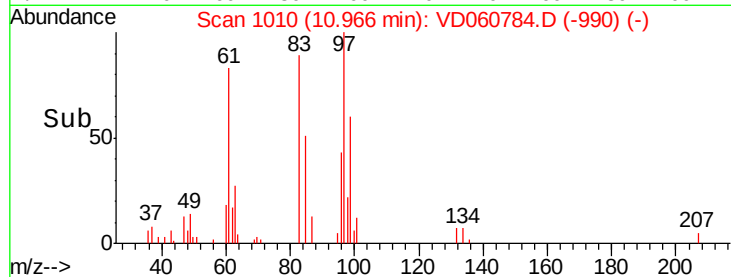
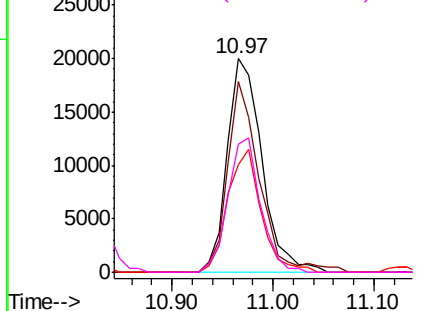
#55  
 1,1,2-Trichloroethane  
 Concen: 10.130 ug/l  
 RT: 10.97 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 97 Resp: 47900  
 Ion Ratio Lower Upper  
 97 100  
 83 89.4 70.4 105.6  
 85 50.6 43.9 65.9  
 99 59.9 48.6 73.0

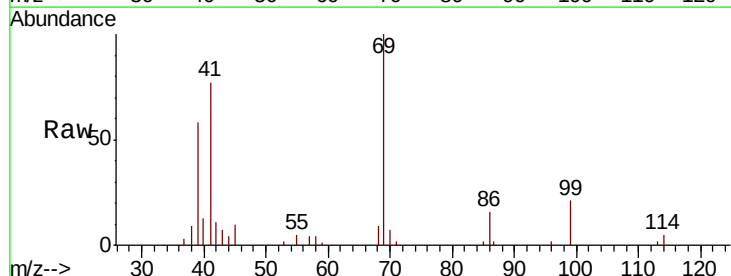


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

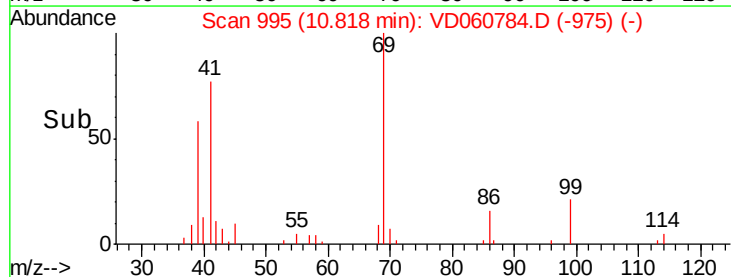
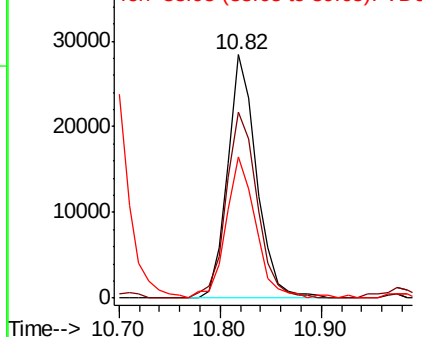


#56  
 Ethyl methacrylate  
 Concen: 10.290 ug/l  
 RT: 10.82 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

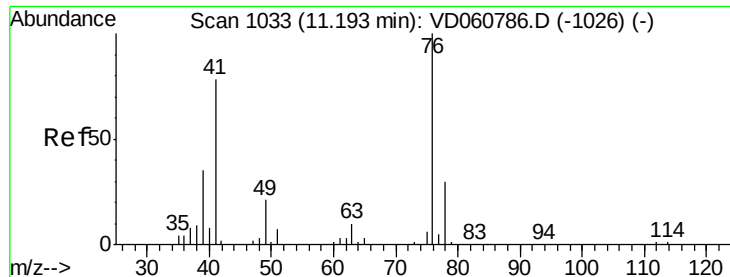
Tgt Ion: 69 Resp: 56463  
 Ion Ratio Lower Upper  
 69 100  
 41 76.7 62.0 93.0  
 39 57.7 43.8 65.8



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC



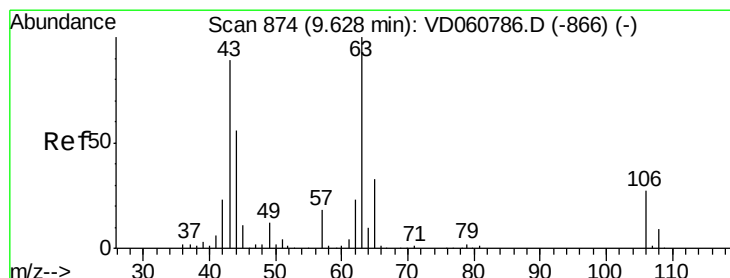
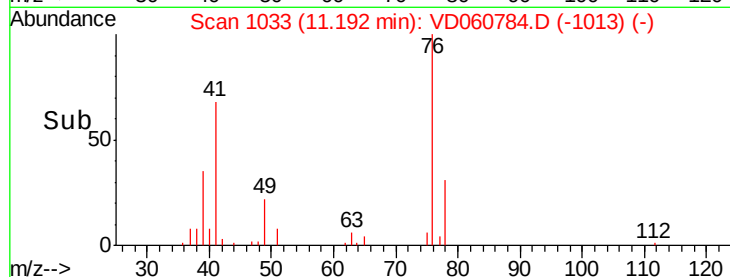
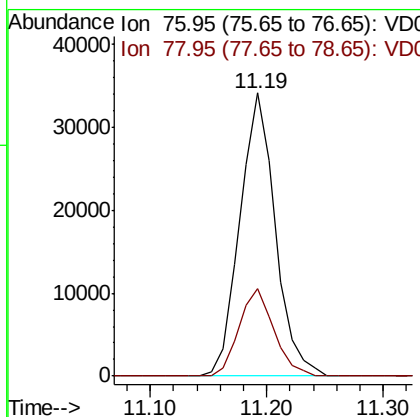
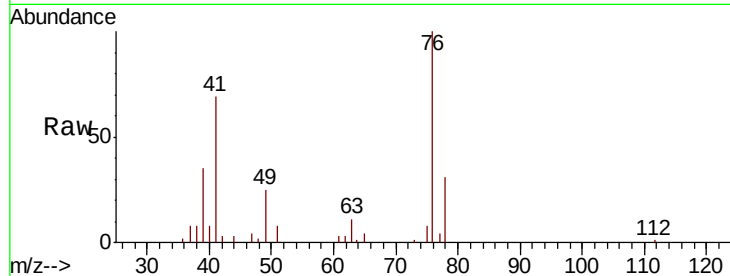




#57  
 1,3-Dichloropropane  
 Concen: 8.665 ug/l  
 RT: 11.19 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

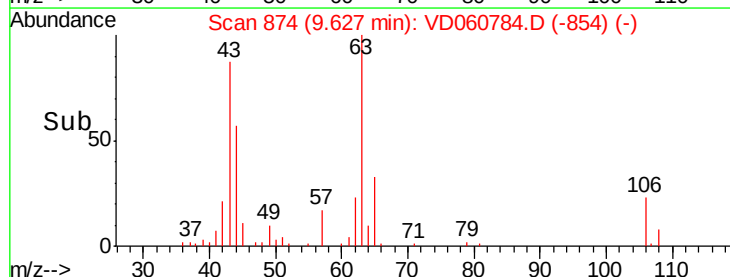
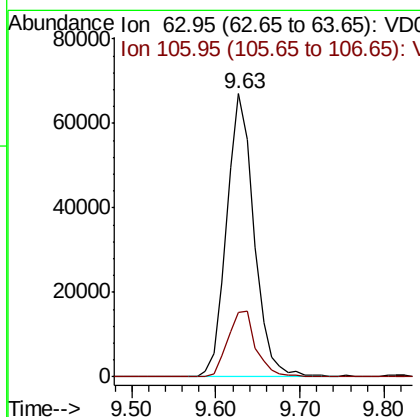
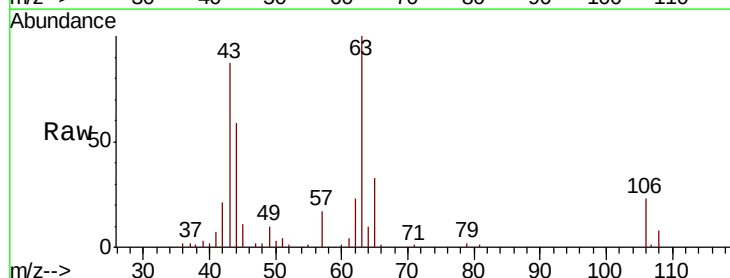
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

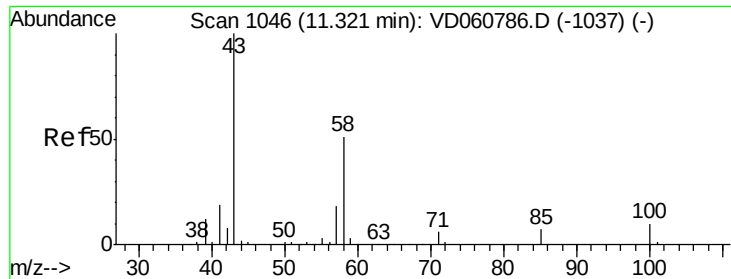
Tgt Ion: 76 Resp: 71778  
 Ion Ratio Lower Upper  
 76 100  
 78 31.1 24.0 36.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 48.812 ug/l  
 RT: 9.63 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 63 Resp: 151332  
 Ion Ratio Lower Upper  
 63 100  
 106 23.0 21.6 32.4

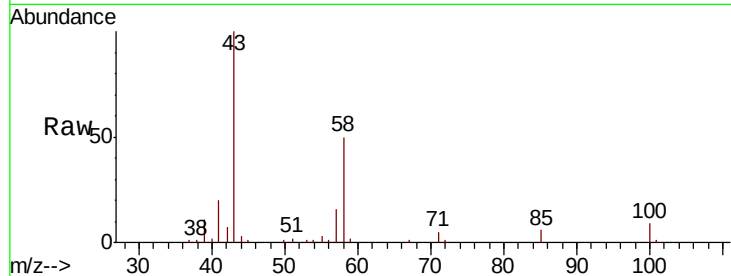




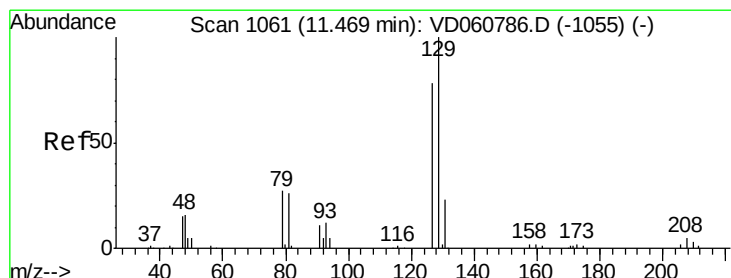
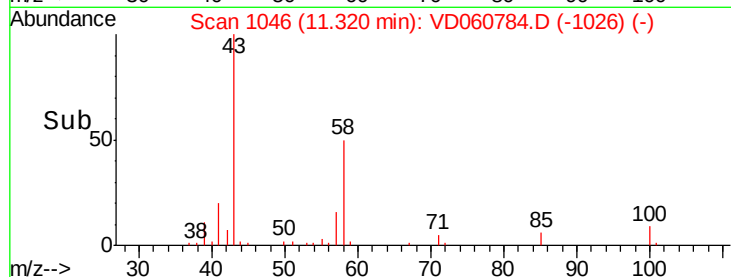
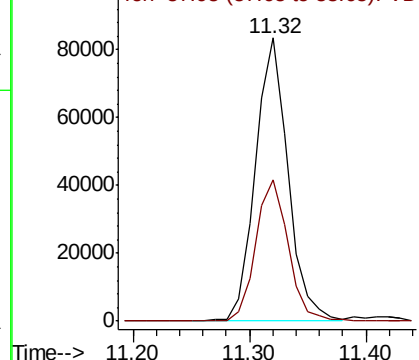
#59  
2-Hexanone  
Concen: 49.961 ug/l  
RT: 11.32 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion: 43 Resp: 161678  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.4 76.2

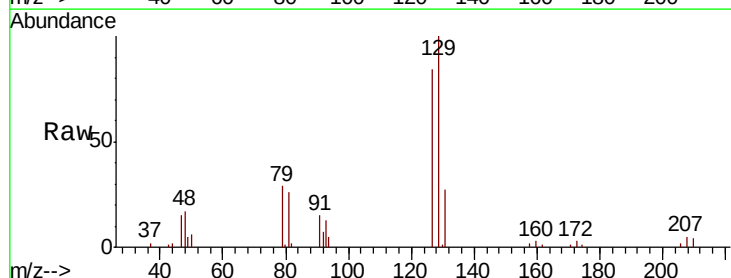


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

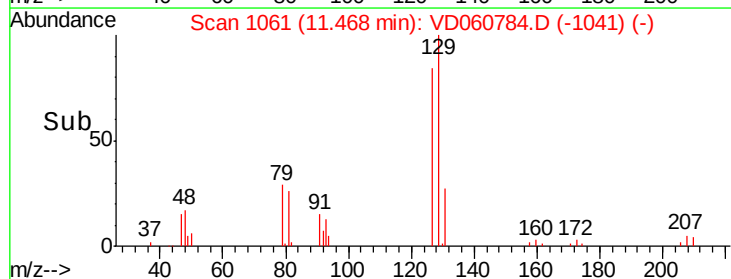
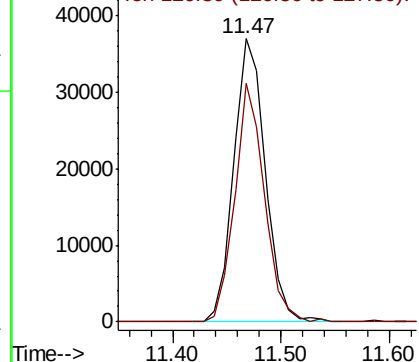


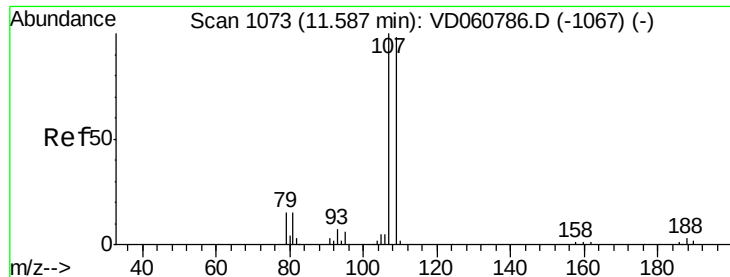
#60  
Dibromochloromethane  
Concen: 10.028 ug/l  
RT: 11.47 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 129 Resp: 75181  
Ion Ratio Lower Upper  
129 100  
127 84.1 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V

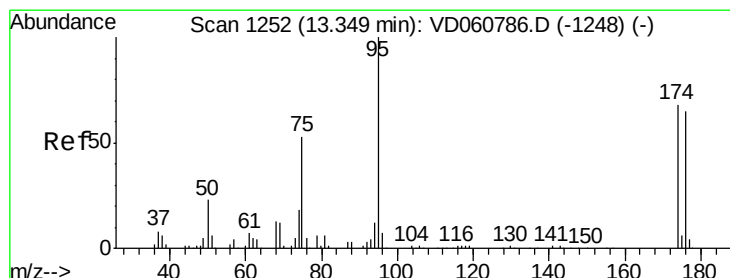
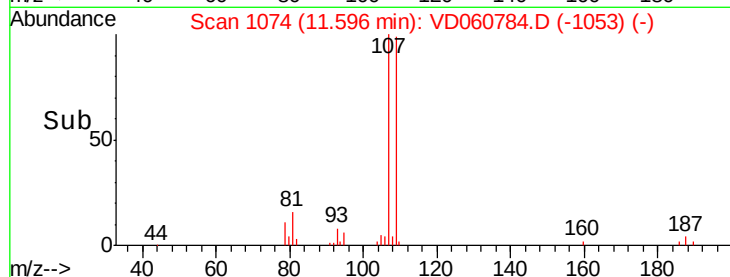
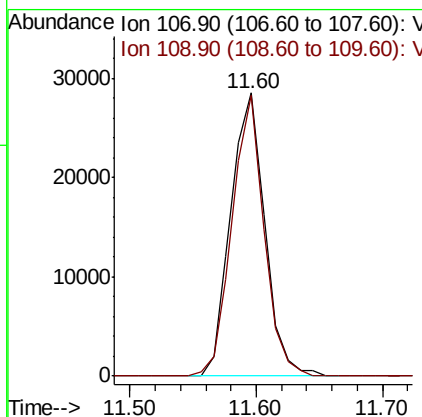
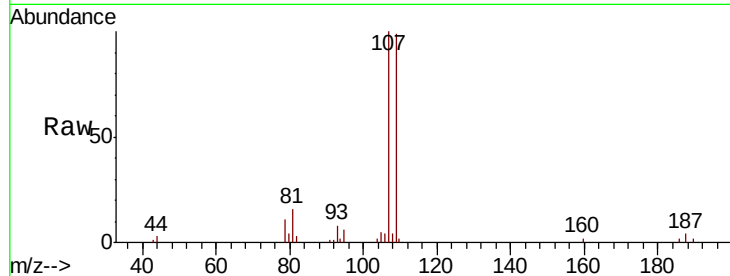




#61  
 1,2-Dibromoethane  
 Concen: 9.948 ug/l  
 RT: 11.60 min Scan# 1074  
 Delta R.T. 0.01 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

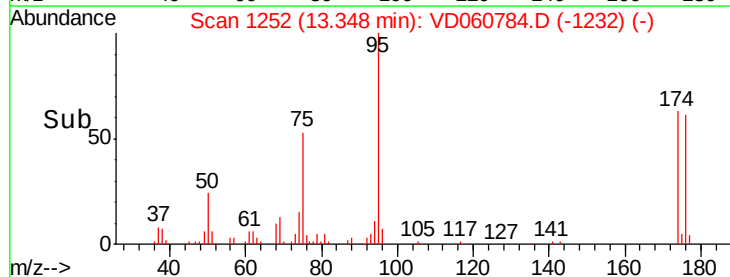
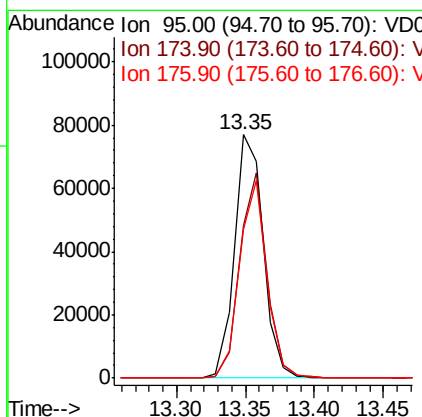
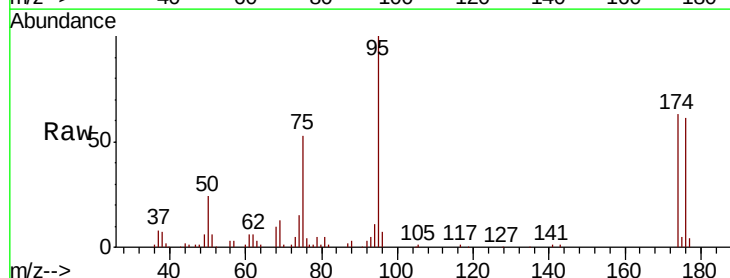
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

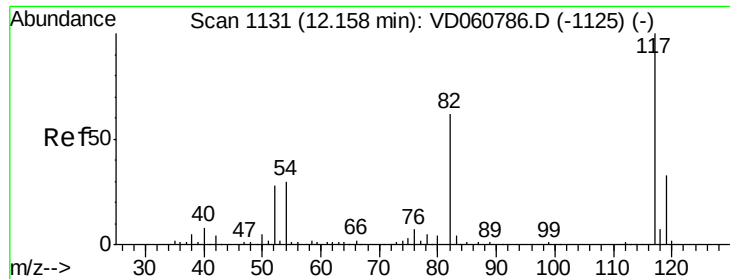
Tgt Ion: 107 Resp: 53347  
 Ion Ratio Lower Upper  
 107 100  
 109 99.4 78.2 117.2



#62  
 4-Bromofluorobenzene  
 Concen: 9.948 ug/l  
 RT: 13.35 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 95 Resp: 112150  
 Ion Ratio Lower Upper  
 95 100  
 174 62.6 0.0 135.6  
 176 61.2 0.0 130.6

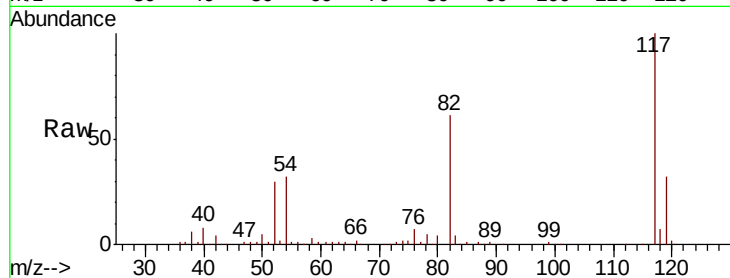




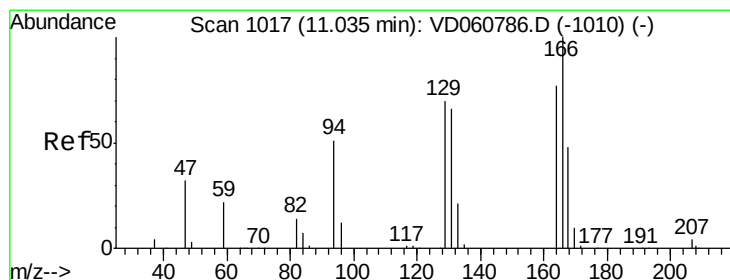
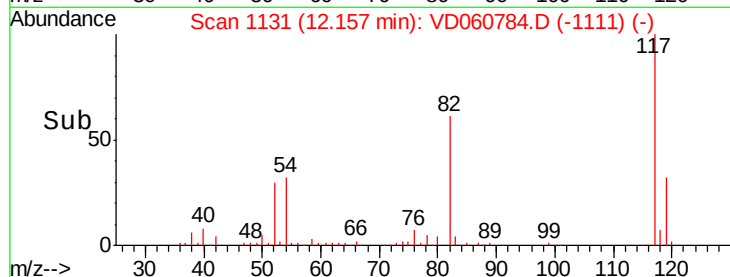
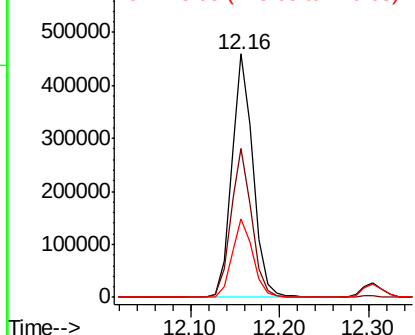
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.16 min Scan# 1131  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:117 Resp: 767908  
Ion Ratio Lower Upper  
117 100  
82 61.1 49.5 74.3  
119 32.0 26.2 39.4

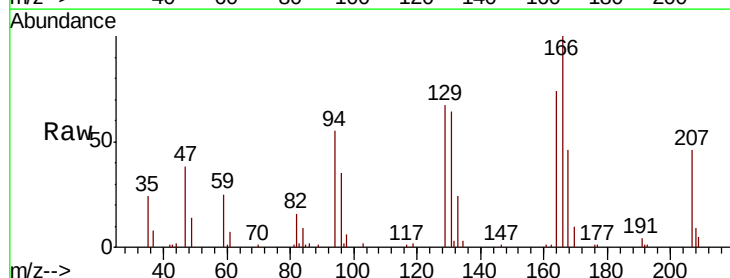


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

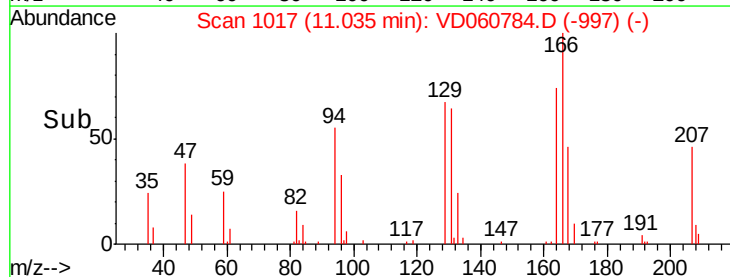
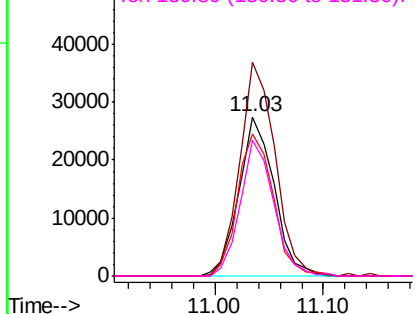


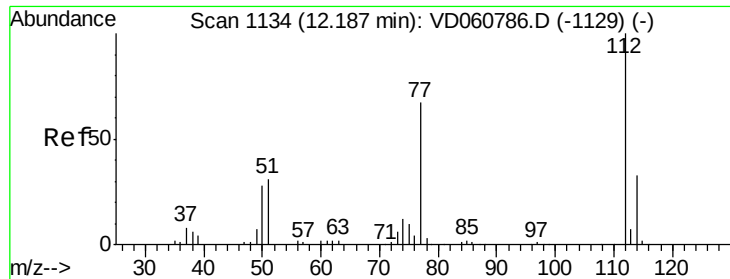
#64  
Tetrachloroethene  
Concen: 9.242 ug/l  
RT: 11.03 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion:164 Resp: 62164  
Ion Ratio Lower Upper  
164 100  
166 134.4 103.8 155.6  
129 89.5 72.2 108.2  
131 85.8 68.2 102.4



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





#65

Chlorobenzene

Concen: 10.259 ug/l

RT: 12.19 min Scan# 1134

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

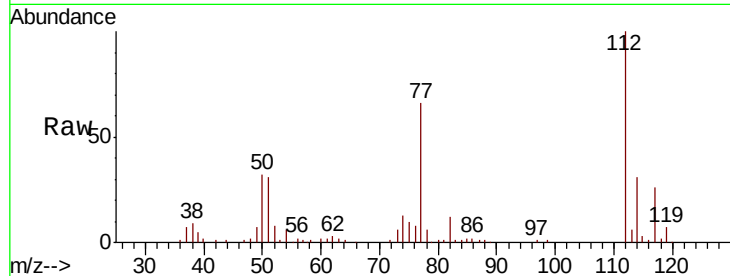
VSTDIC010

Tgt Ion:112 Resp: 157920

Ion Ratio Lower Upper

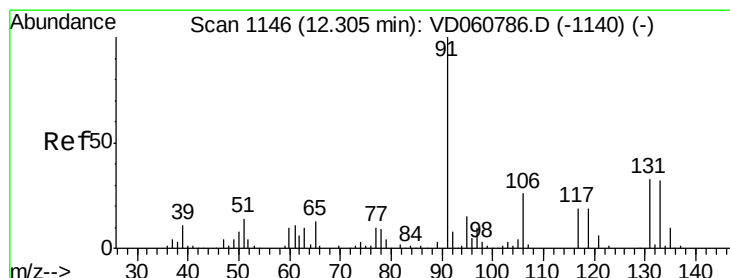
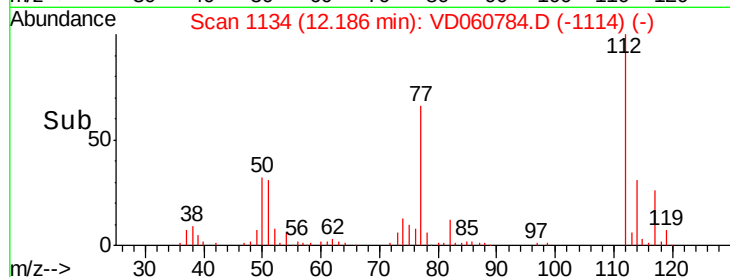
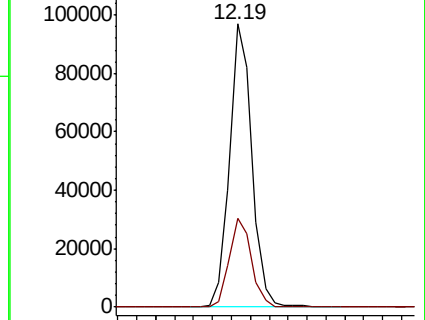
112 100

114 31.3 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.624 ug/l

RT: 12.30 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

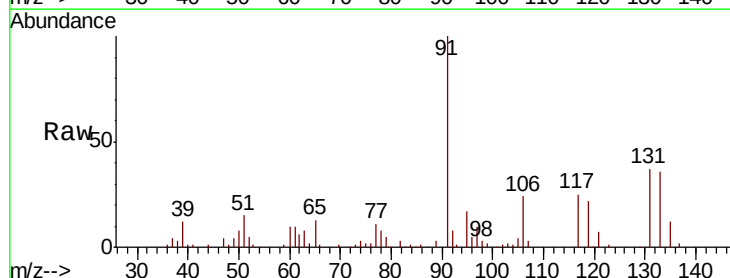
Tgt Ion:131 Resp: 65934

Ion Ratio Lower Upper

131 100

133 96.0 48.3 144.8

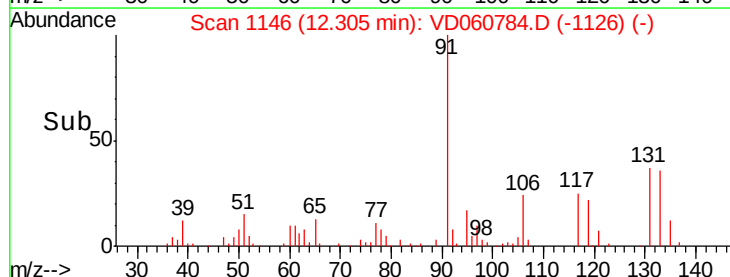
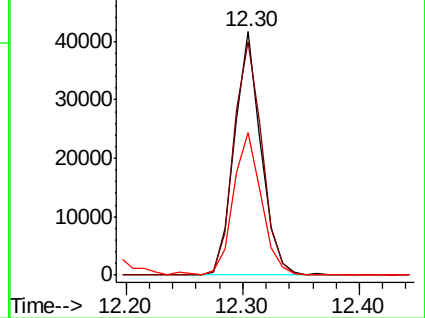
119 58.4 28.0 84.0

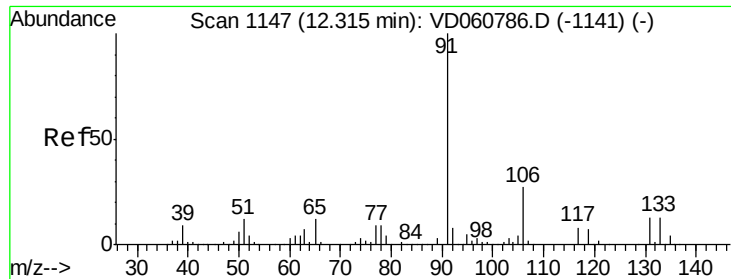


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

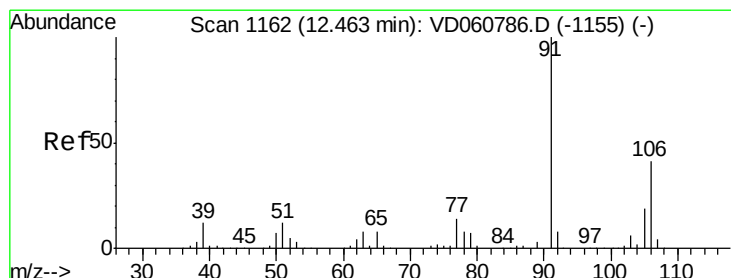
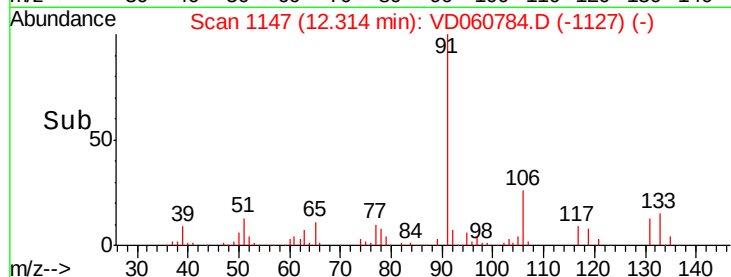
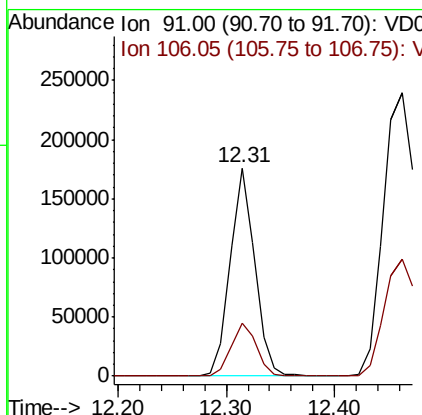
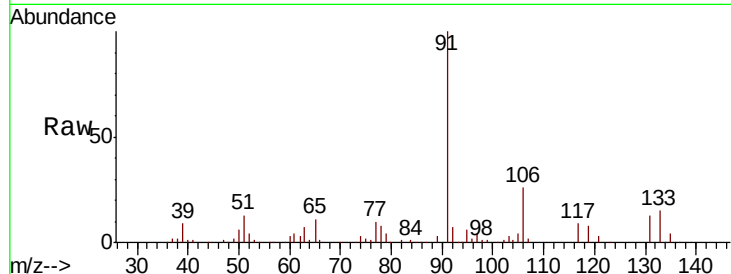




#67  
Ethyl Benzene  
Concen: 9.775 ug/l  
RT: 12.31 min Scan# 1147  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

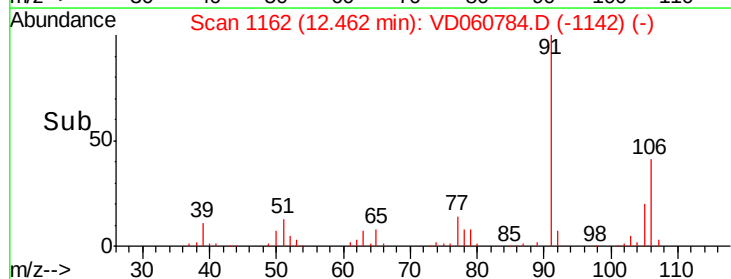
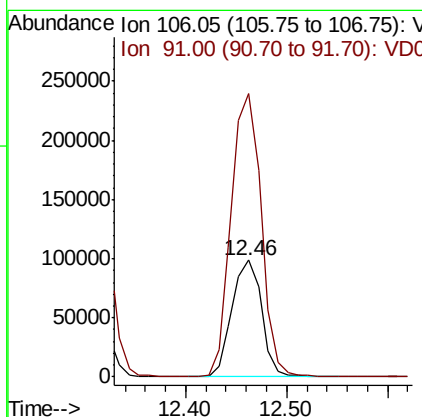
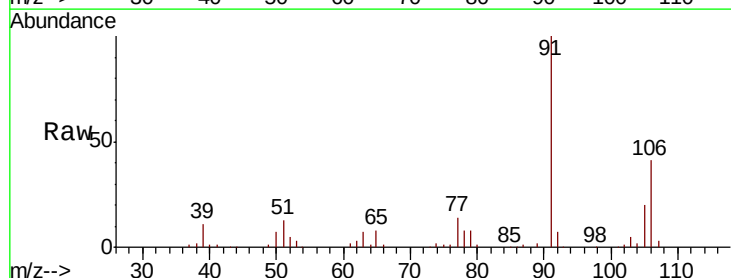
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

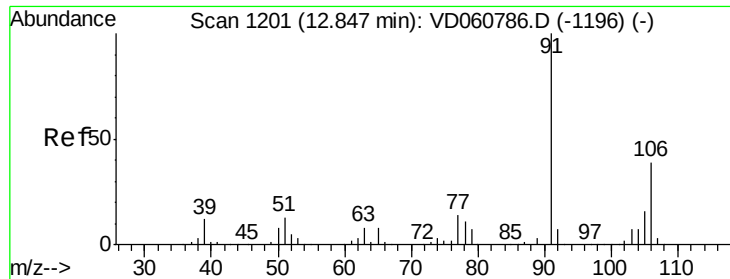
Tgt Ion: 91 Resp: 280375  
Ion Ratio Lower Upper  
91 100  
106 25.7 21.4 32.2



#68  
m/p-Xylenes  
Concen: 21.482 ug/l  
RT: 12.46 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 106 Resp: 201926  
Ion Ratio Lower Upper  
106 100  
91 243.0 195.6 293.4

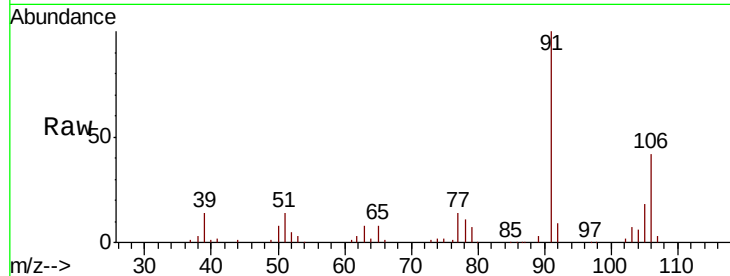




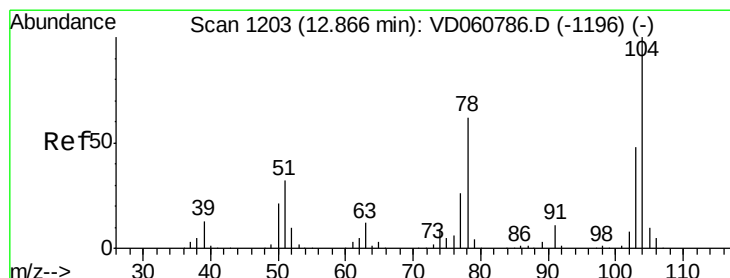
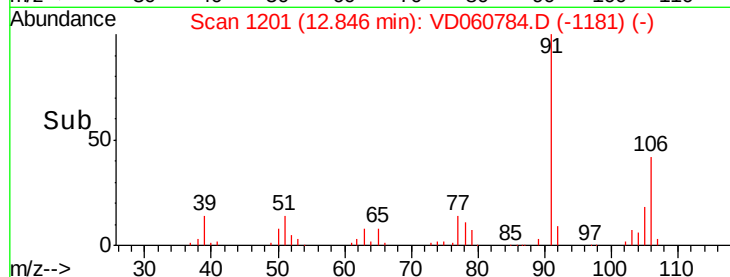
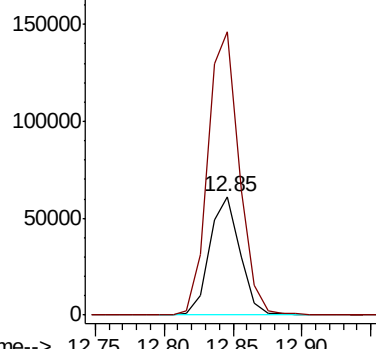
#69  
o-Xylene  
Concen: 10.607 ug/l  
RT: 12.85 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:106 Resp: 93647  
Ion Ratio Lower Upper  
106 100  
91 239.3 127.2 381.5

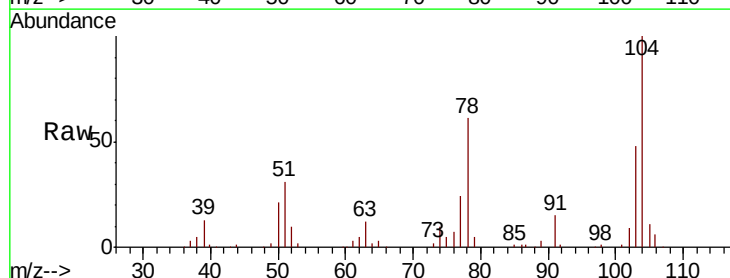


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

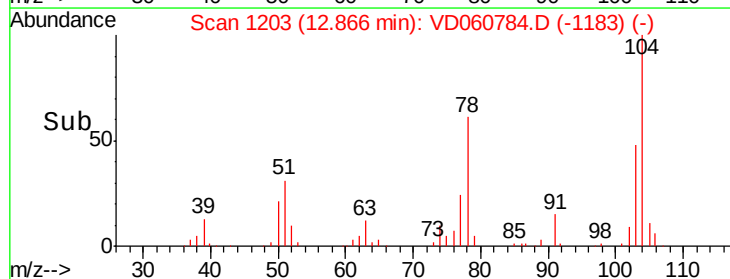
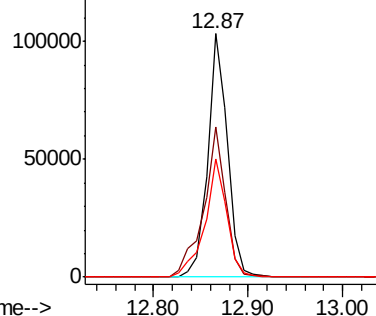


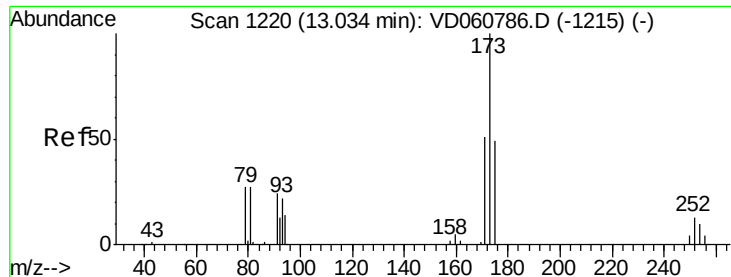
#70  
Styrene  
Concen: 9.565 ug/l  
RT: 12.87 min Scan# 1203  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion:104 Resp: 148719  
Ion Ratio Lower Upper  
104 100  
78 61.4 49.7 74.5  
103 48.4 38.2 57.2



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

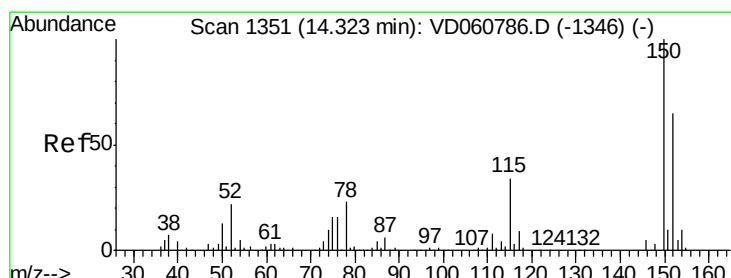
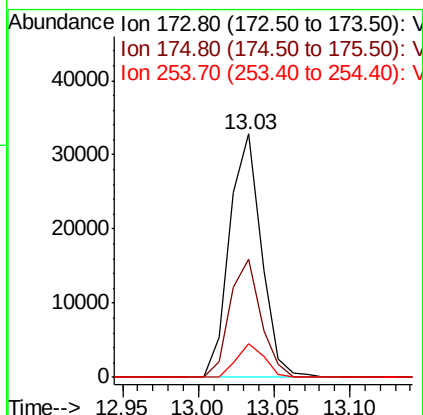
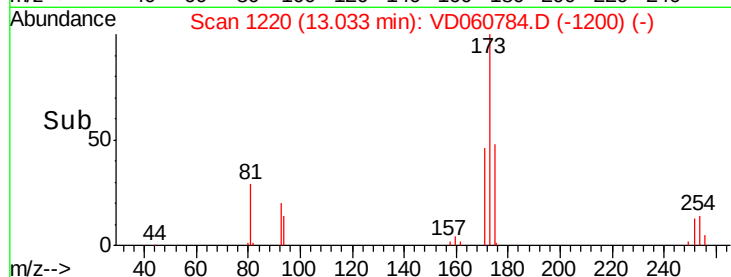
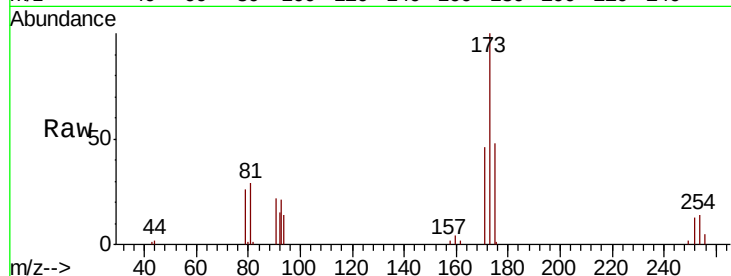




#71  
Bromoform  
Concen: 9.435 ug/l  
RT: 13.03 min Scan# 1220  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

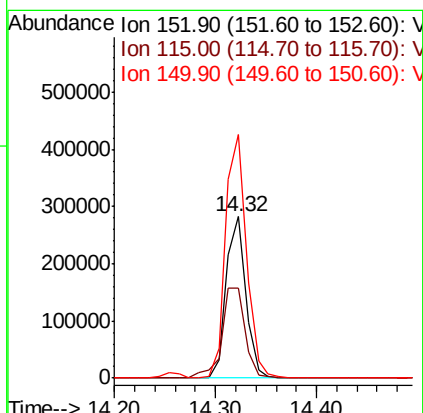
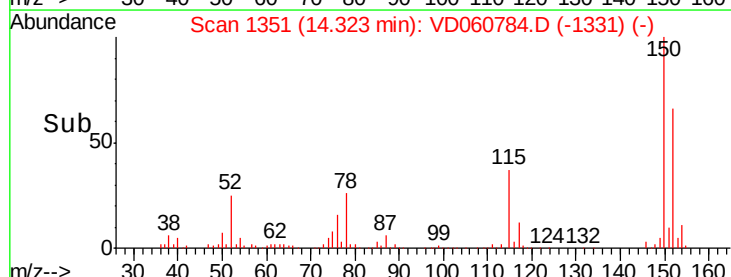
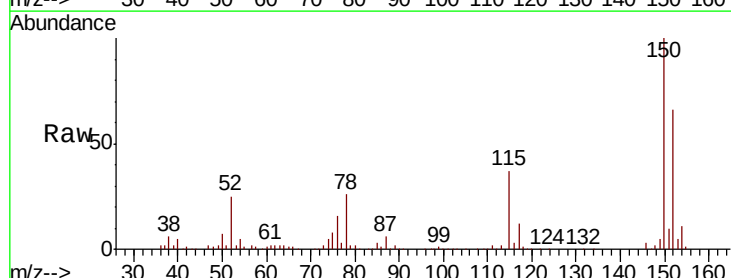
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:173 Resp: 47712  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.3 72.9  
254 13.9 8.2 12.4#

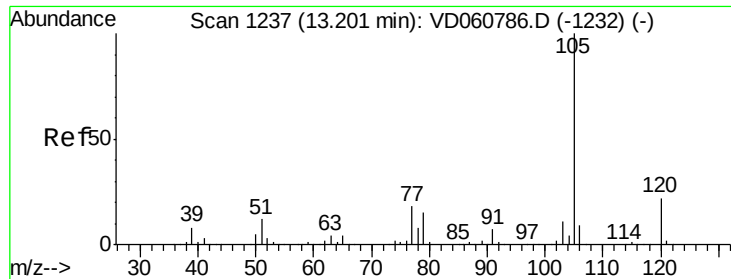


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.32 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion:152 Resp: 382556  
Ion Ratio Lower Upper  
152 100  
115 55.7 28.1 84.3  
150 151.0 0.0 314.0







#73

Isopropylbenzene

Concen: 10.203 ug/l

RT: 13.20 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

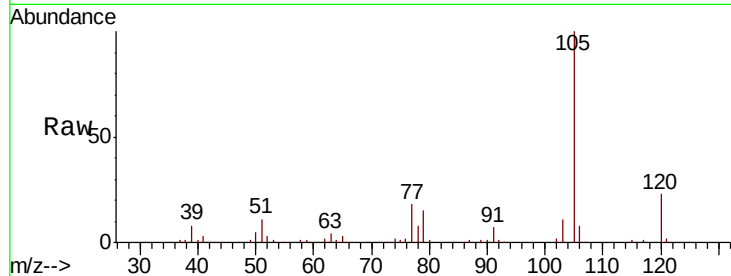
VSTDIC010

Tgt Ion: 105 Resp: 286640

Ion Ratio Lower Upper

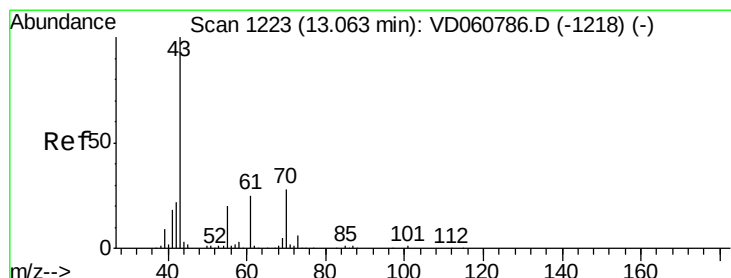
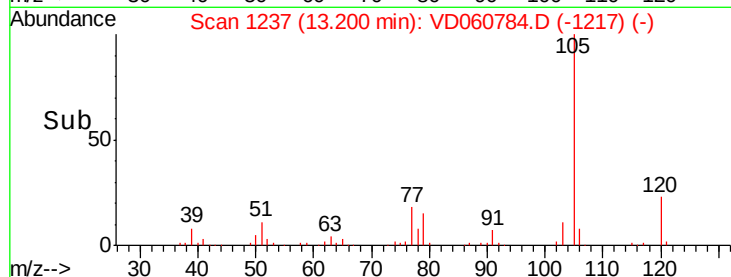
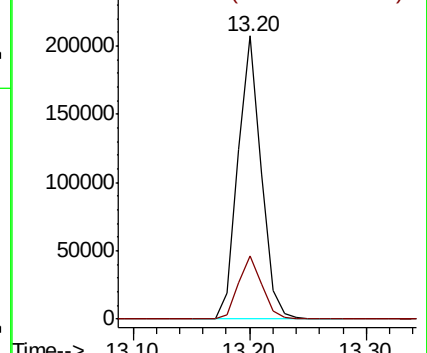
105 100

120 22.6 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 10.133 ug/l

RT: 13.06 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Tgt Ion: 43 Resp: 90182

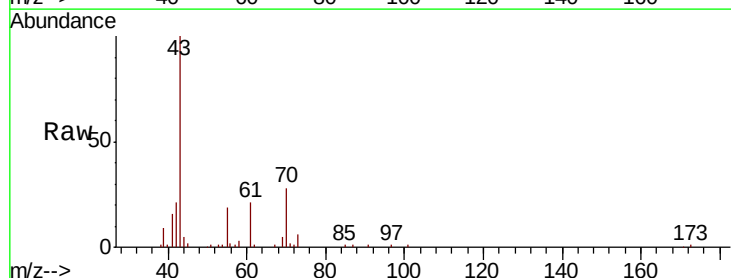
Ion Ratio Lower Upper

43 100

70 28.3 22.6 33.8

55 19.1 16.2 24.2

61 21.4 20.4 30.6

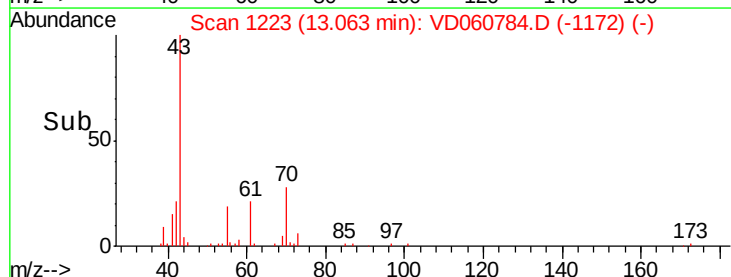
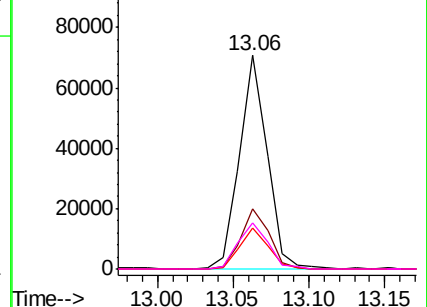


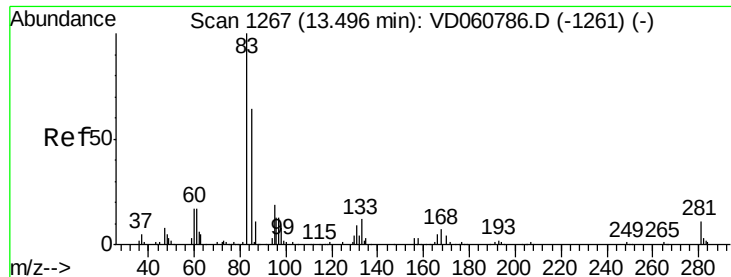
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 9.756 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

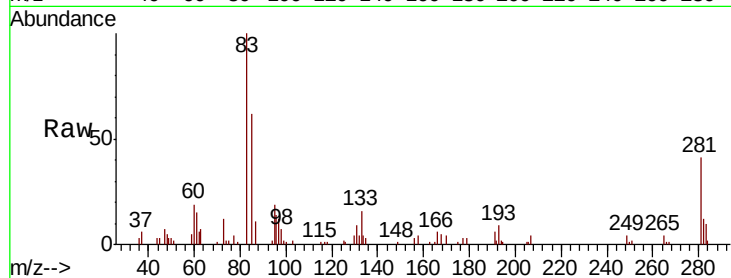
Tgt Ion: 83 Resp: 50924

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

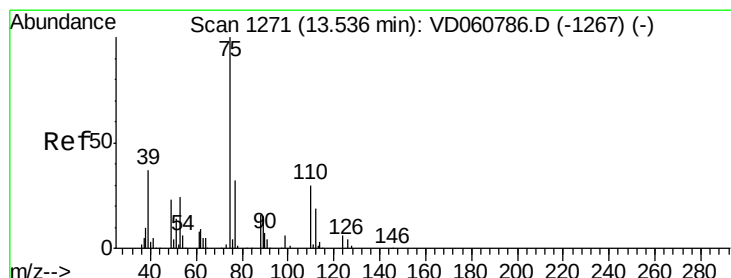
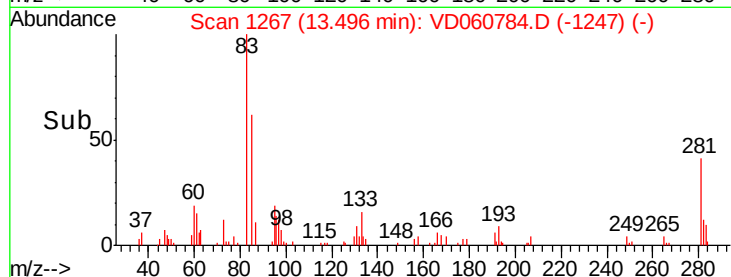
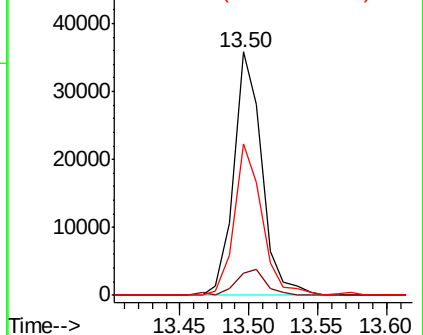
85 62.2 32.2 96.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 9.652 ug/l

RT: 13.54 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD060784.D

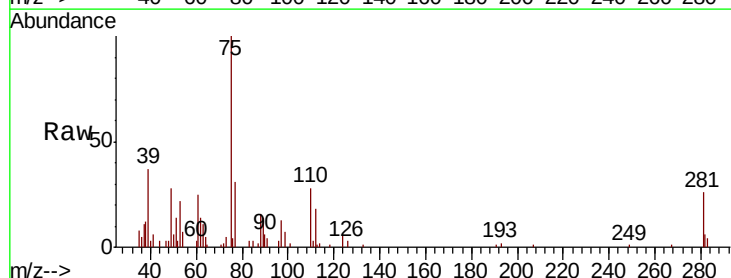
Acq: 23 Jan 2019 16:09

Tgt Ion: 75 Resp: 61234

Ion Ratio Lower Upper

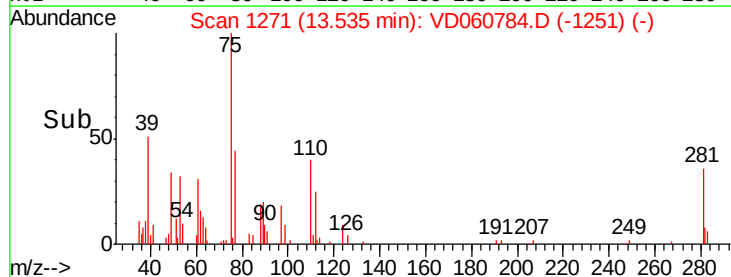
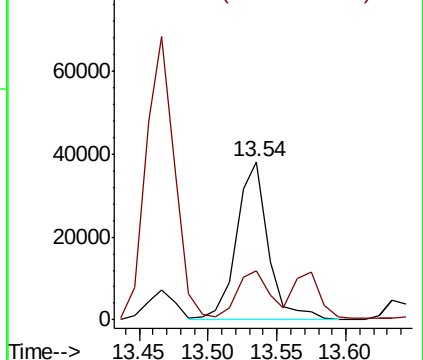
75 100

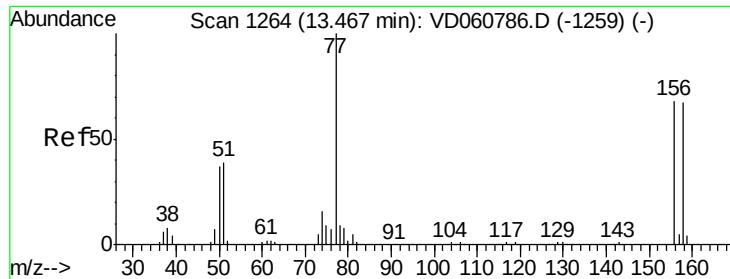
77 30.9 17.5 52.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 9.126 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

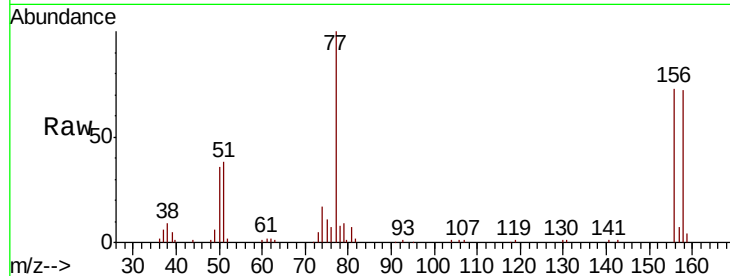
Tgt Ion:156 Resp: 69338

Ion Ratio Lower Upper

156 100

77 136.8 74.0 222.0

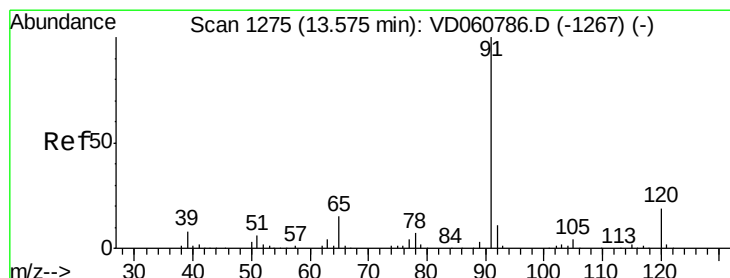
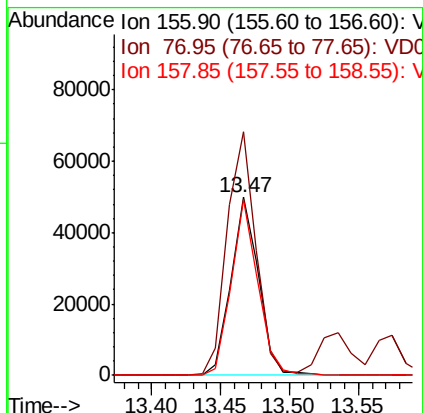
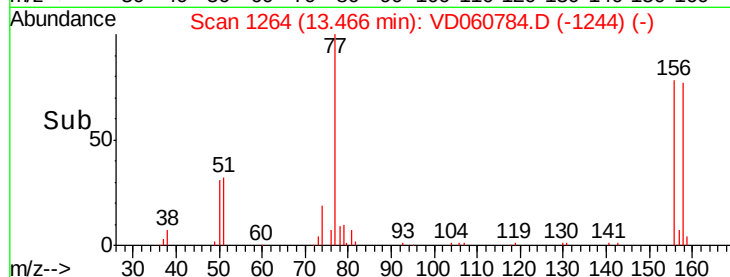
158 98.6 49.8 149.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 10.040 ug/l

RT: 13.57 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VD060784.D

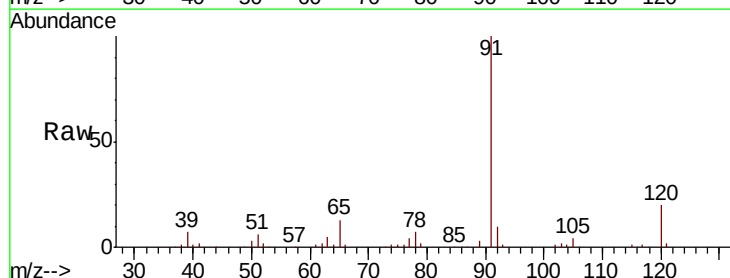
Acq: 23 Jan 2019 16:09

Tgt Ion: 91 Resp: 353477

Ion Ratio Lower Upper

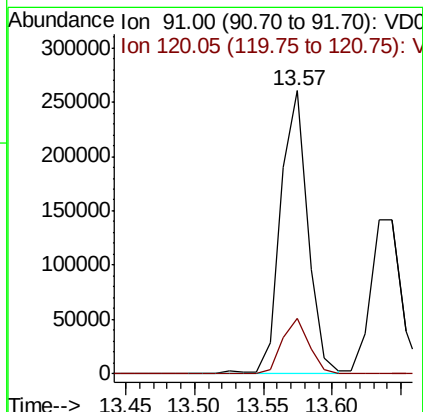
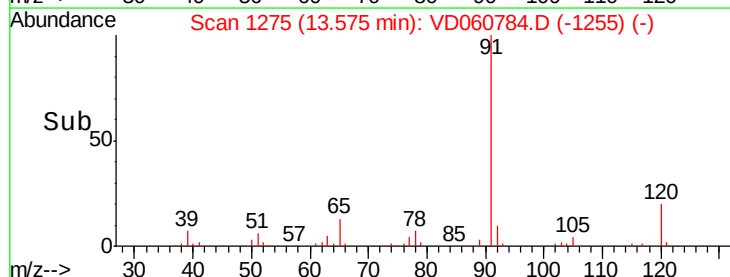
91 100

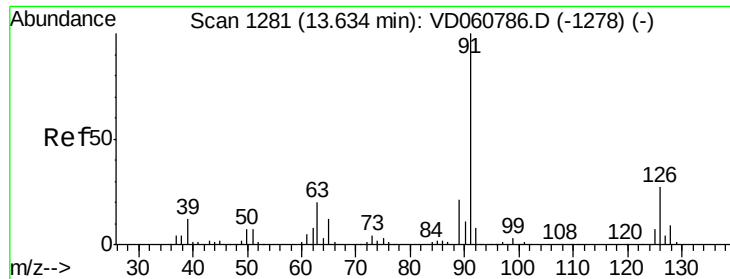
120 19.6 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

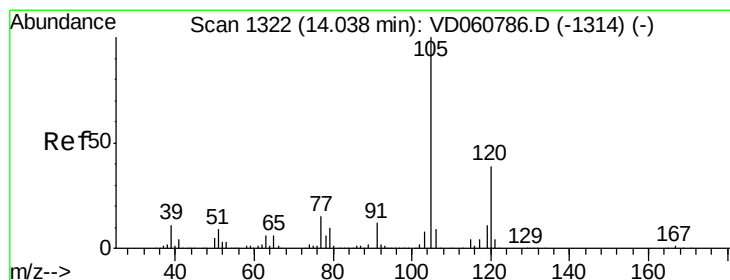
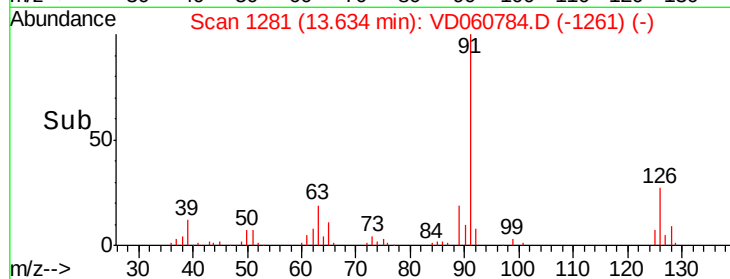
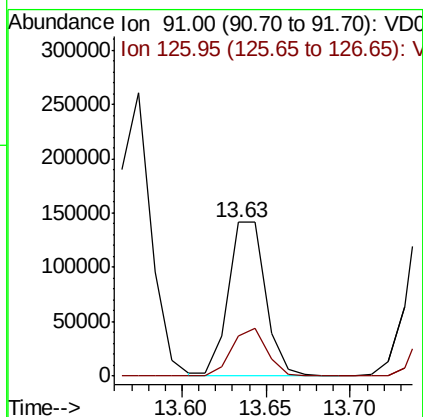
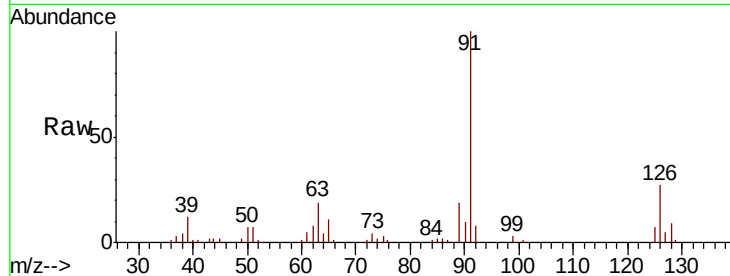




#79  
 2-Chlorotoluene  
 Concen: 10.551 ug/l  
 RT: 13.63 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

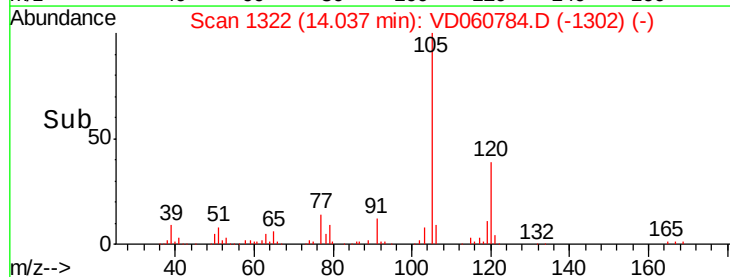
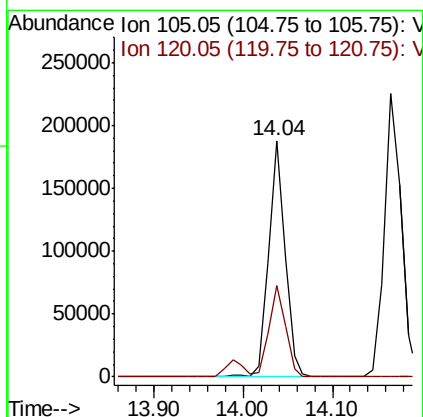
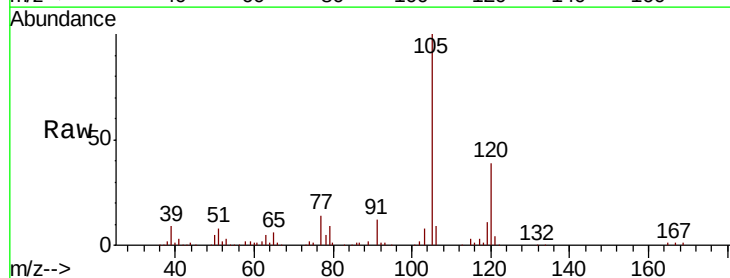
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

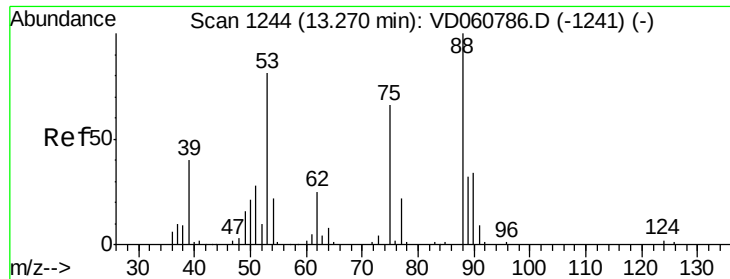
Tgt Ion: 91 Resp: 215475  
 Ion Ratio Lower Upper  
 91 100  
 126 26.5 13.4 40.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 9.899 ug/l  
 RT: 14.04 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 105 Resp: 238069  
 Ion Ratio Lower Upper  
 105 100  
 120 38.7 19.5 58.5

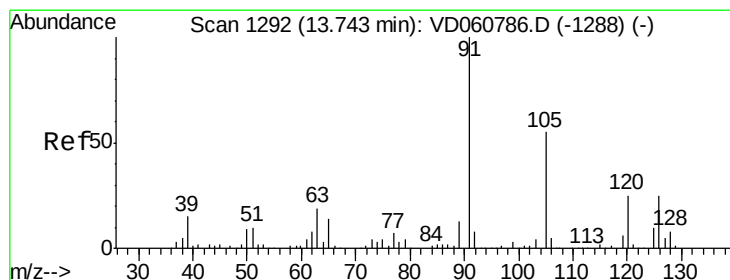
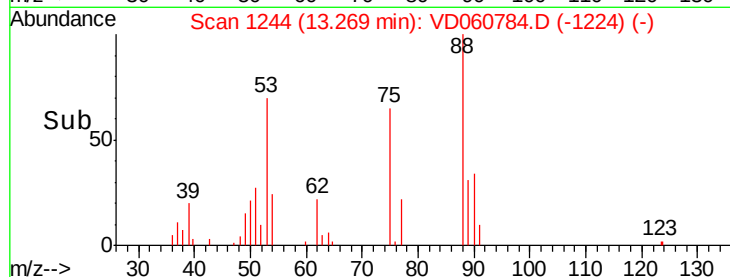
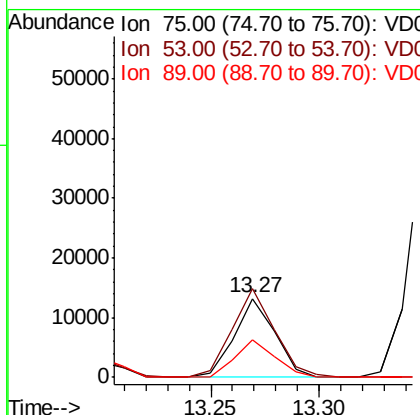
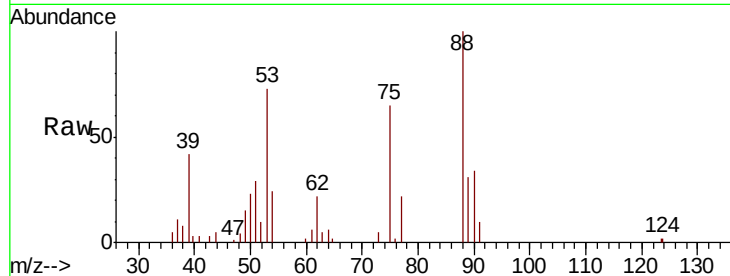




#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.823 ug/l  
RT: 13.27 min Scan# 1244  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

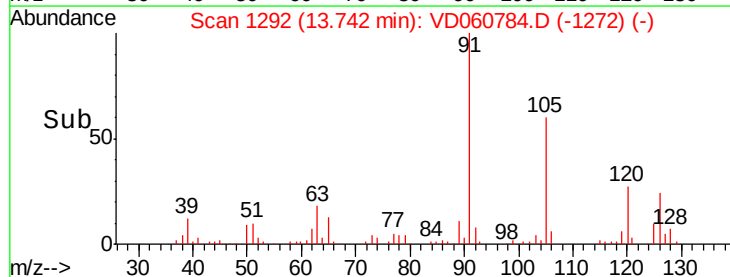
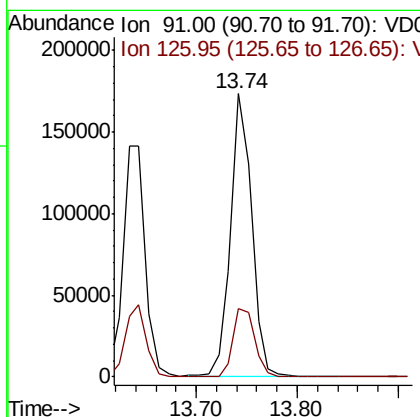
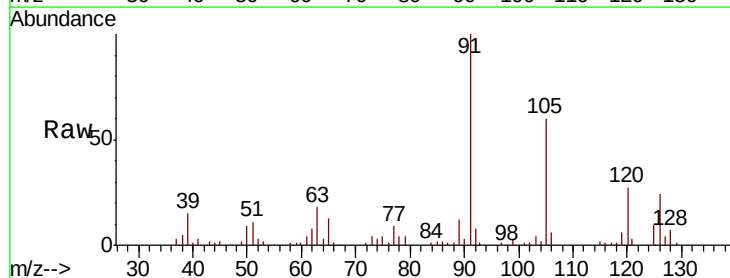
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

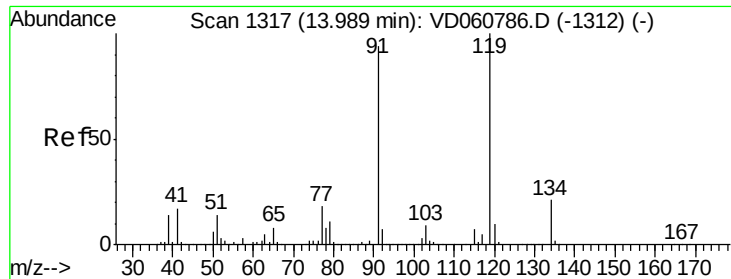
Tgt Ion: 75 Resp: 17210  
Ion Ratio Lower Upper  
75 100  
53 112.4 99.0 148.6  
89 47.8 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 10.663 ug/l  
RT: 13.74 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion: 91 Resp: 252177  
Ion Ratio Lower Upper  
91 100  
126 24.2 12.5 37.5

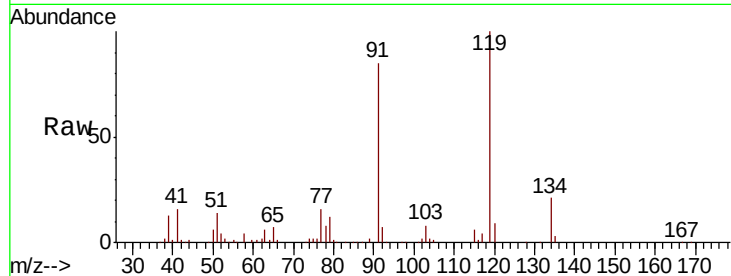




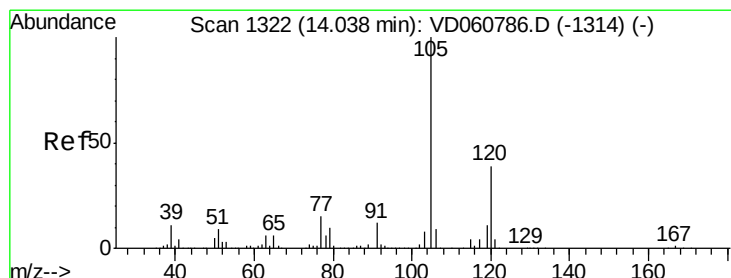
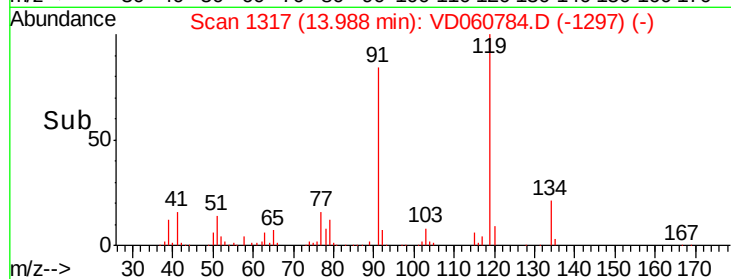
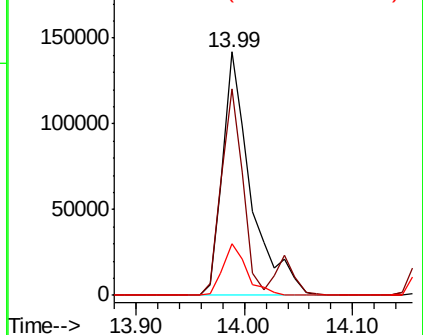
#83  
 tert-Butylbenzene  
 Concen: 10.487 ug/l  
 RT: 13.99 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:119 Resp: 259422  
 Ion Ratio Lower Upper  
 119 100  
 91 85.1 46.9 140.7  
 134 21.2 10.3 30.9

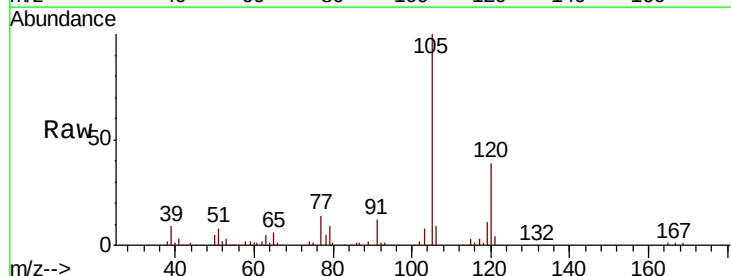


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

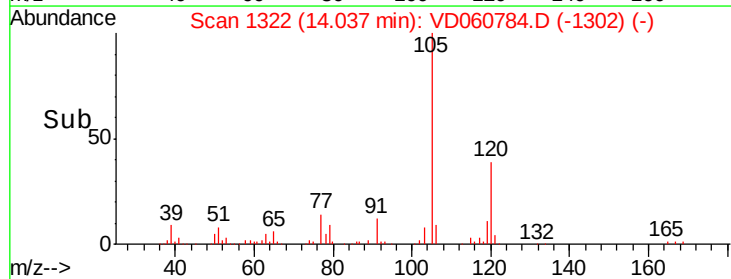
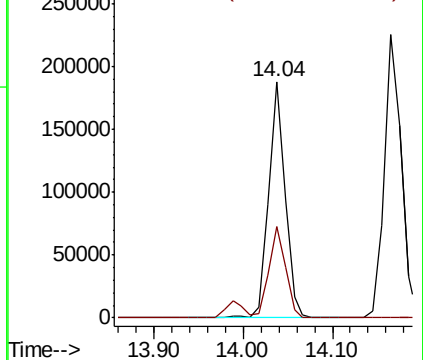


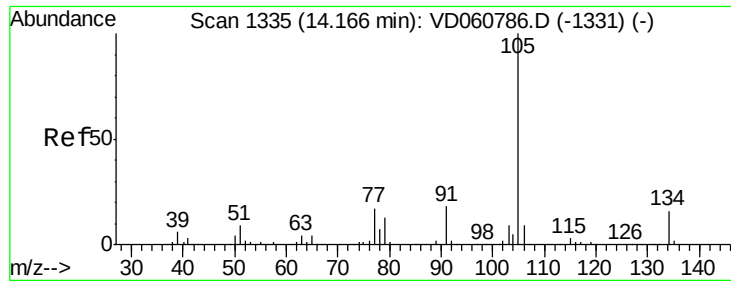
#84  
 1,2,4-Trimethylbenzene  
 Concen: 9.899 ug/l  
 RT: 14.04 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion:105 Resp: 238069  
 Ion Ratio Lower Upper  
 105 100  
 120 38.7 19.5 58.5



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 9.739 ug/l

RT: 14.17 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

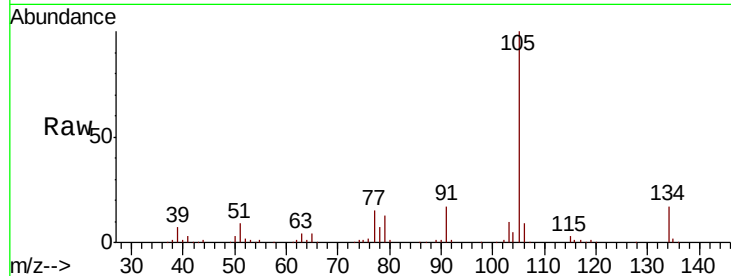
VSTDIC010

Tgt Ion:105 Resp: 293431

Ion Ratio Lower Upper

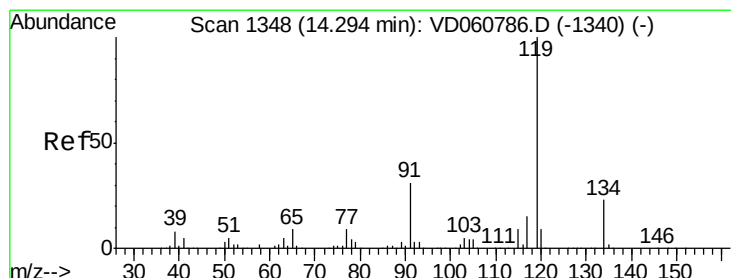
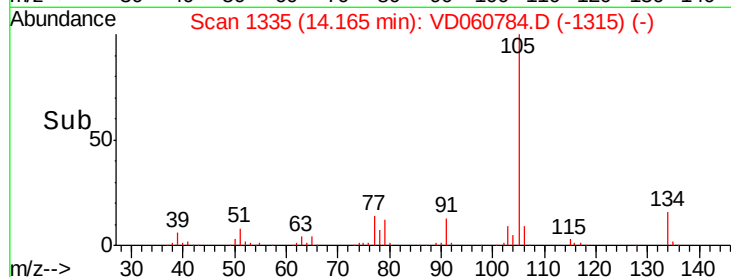
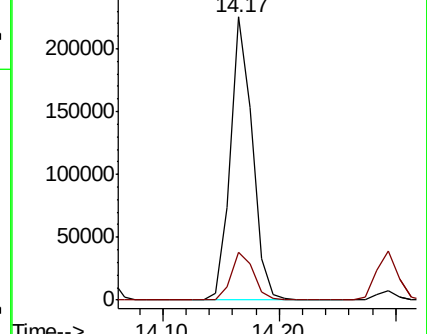
105 100

134 16.8 8.1 24.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 9.257 ug/l

RT: 14.29 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

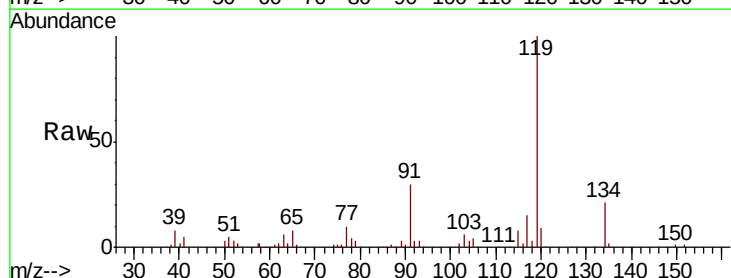
Tgt Ion:119 Resp: 229503

Ion Ratio Lower Upper

119 100

134 21.0 11.4 34.2

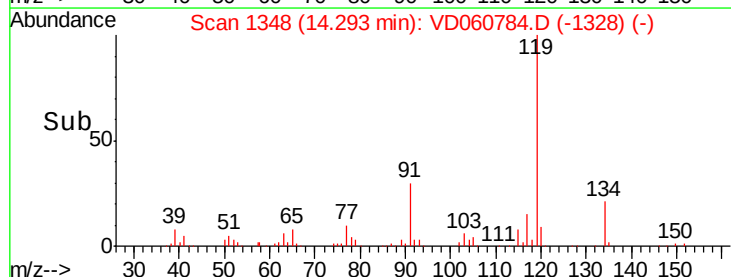
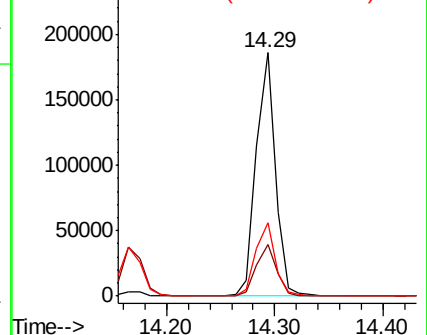
91 30.2 15.8 47.4

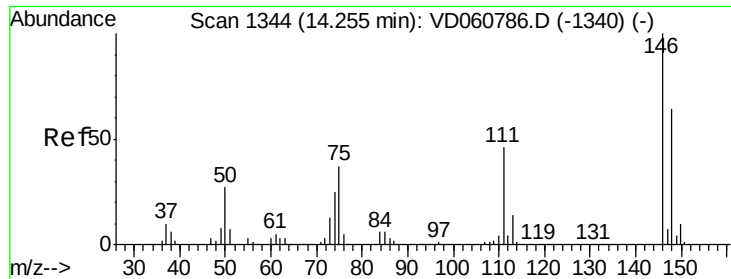


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

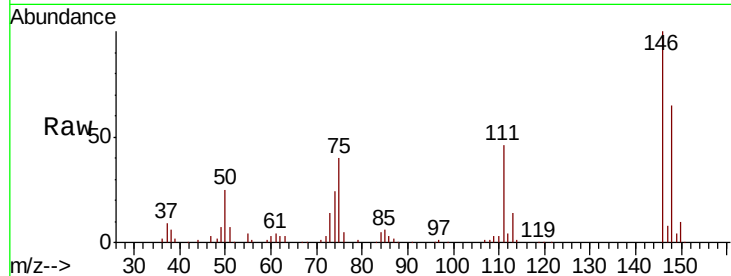




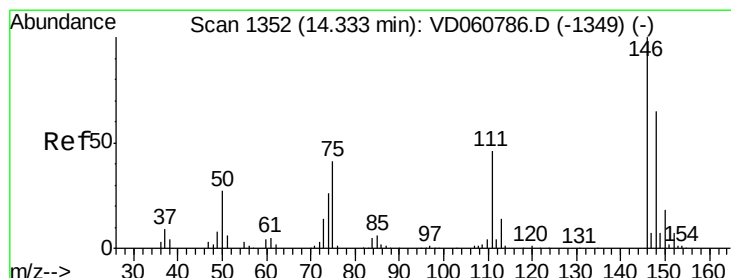
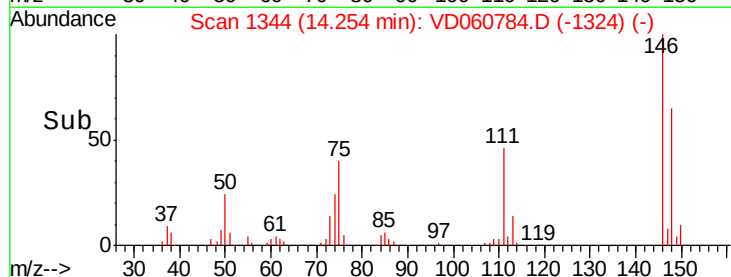
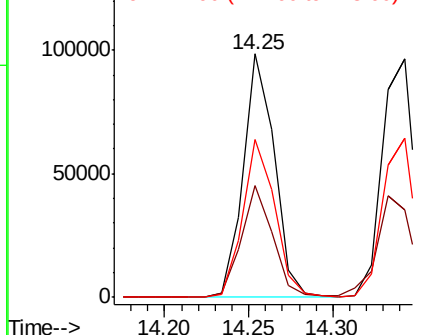
#87  
 1,3-Dichlorobenzene  
 Concen: 10.026 ug/l  
 RT: 14.25 min Scan# 1344  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:146 Resp: 126608  
 Ion Ratio Lower Upper  
 146 100  
 111 46.2 22.9 68.5  
 148 64.7 31.9 95.5

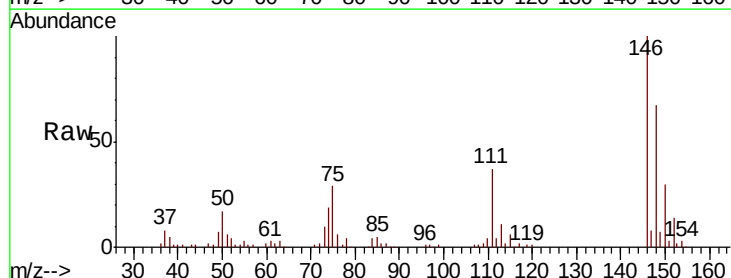


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

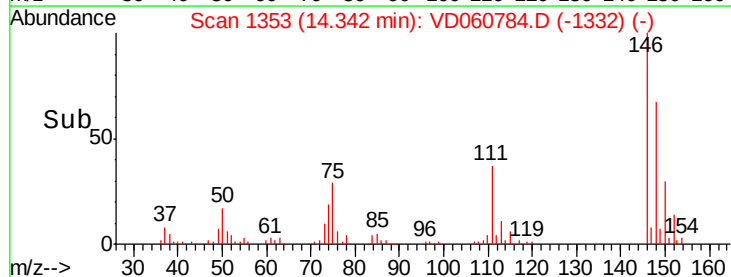
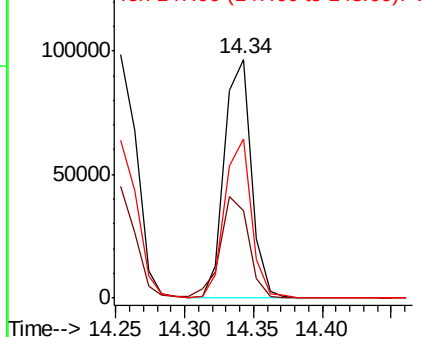


#88  
 1,4-Dichlorobenzene  
 Concen: 10.187 ug/l  
 RT: 14.34 min Scan# 1353  
 Delta R.T. 0.01 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

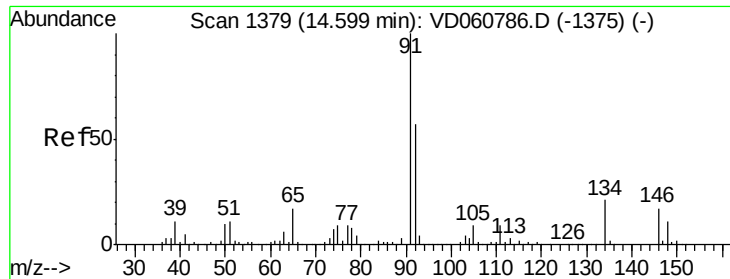
Tgt Ion:146 Resp: 131683  
 Ion Ratio Lower Upper  
 146 100  
 111 36.6 23.0 69.0  
 148 66.8 32.3 96.9



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







#89

n-Butylbenzene

Concen: 10.769 ug/l

RT: 14.60 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD060784.D

Acq: 23 Jan 2019 16:09

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

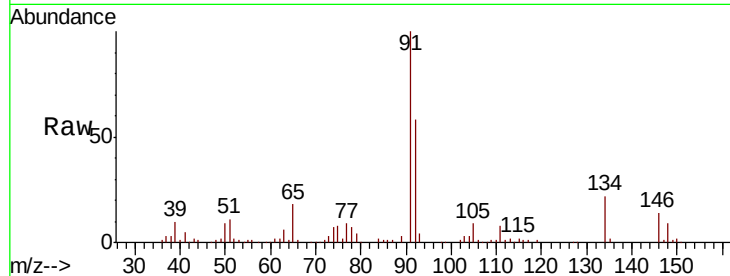
Tgt Ion: 91 Resp: 251006

Ion Ratio Lower Upper

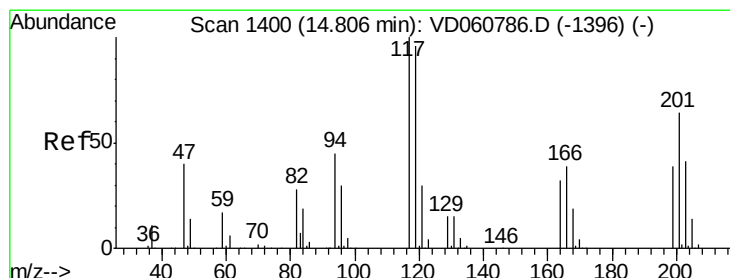
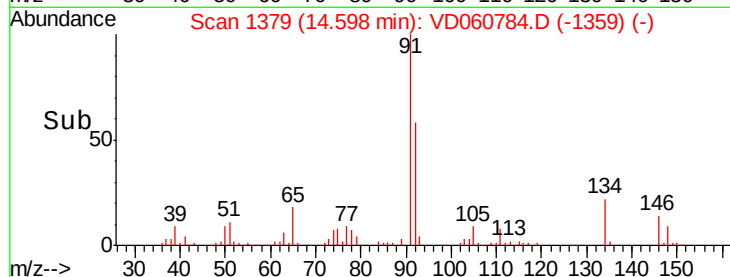
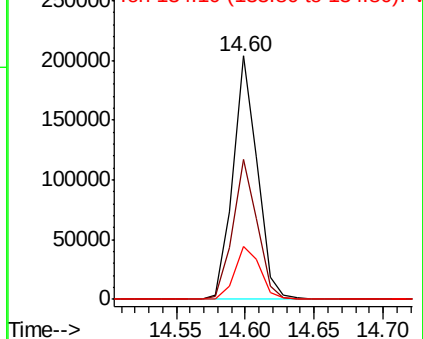
91 100

92 57.5 28.6 85.9

134 21.9 10.4 31.1



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 9.073 ug/l

RT: 14.81 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VD060784.D

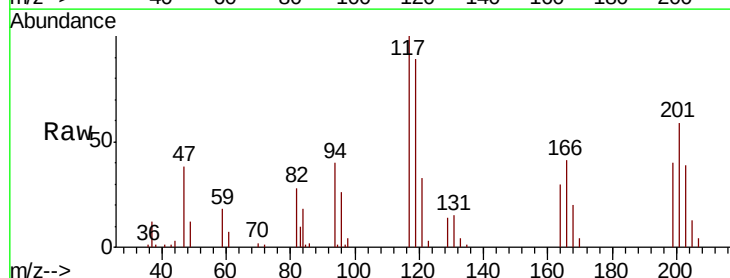
Acq: 23 Jan 2019 16:09

Tgt Ion: 117 Resp: 66095

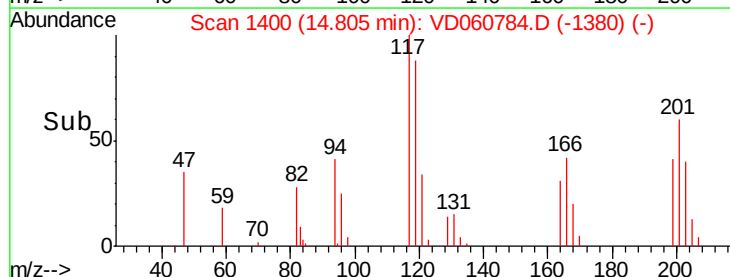
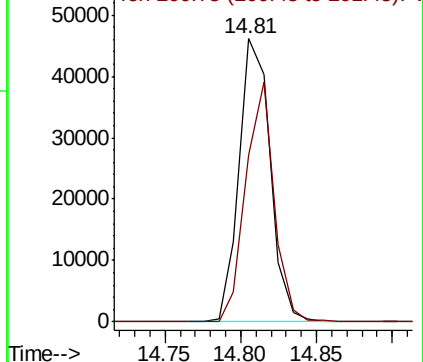
Ion Ratio Lower Upper

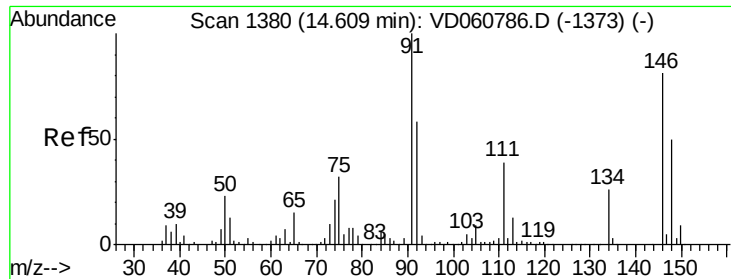
117 100

201 58.9 32.1 96.5



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

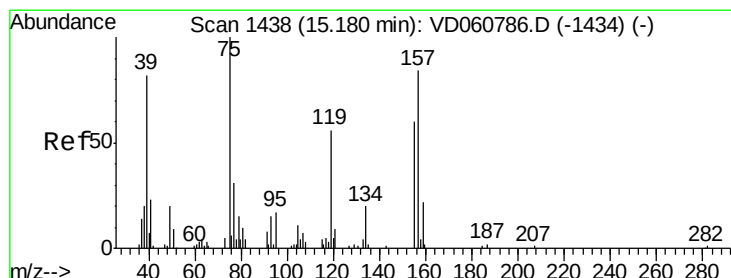
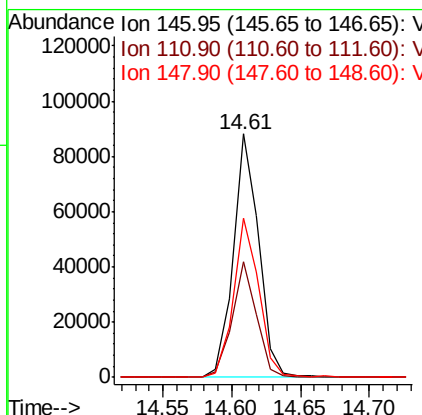
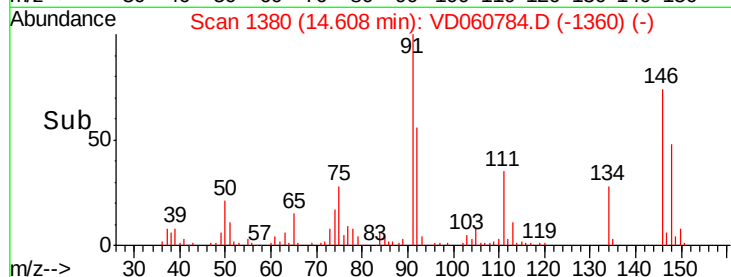
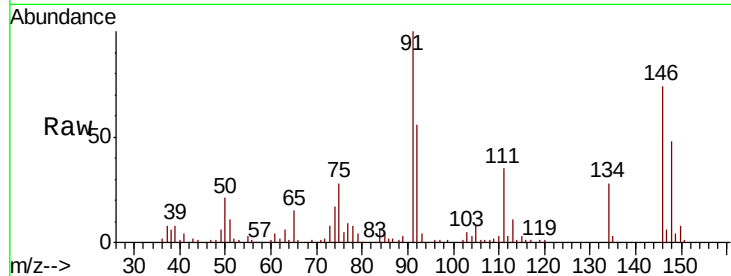




#91  
 1,2-Dichlorobenzene  
 Concen: 10.837 ug/l  
 RT: 14.61 min Scan# 1380  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

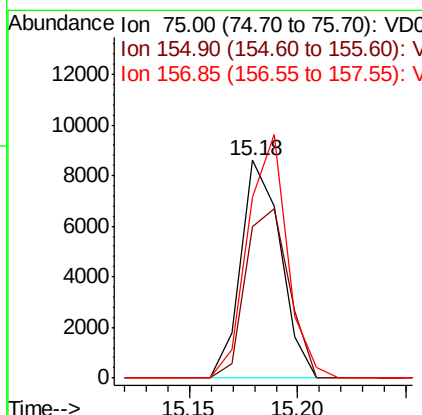
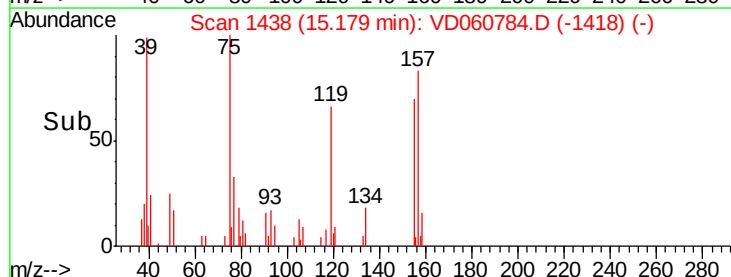
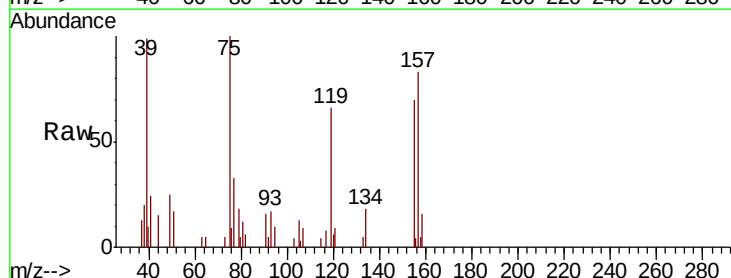
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

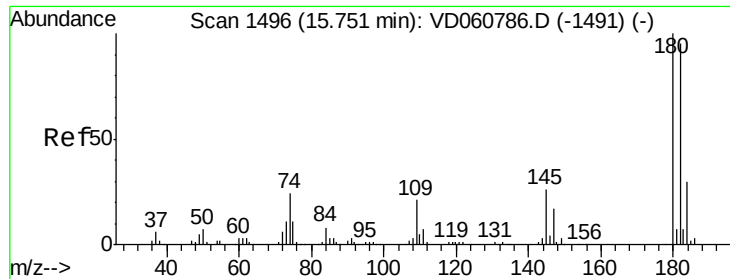
Tgt Ion: 146 Resp: 113136  
 Ion Ratio Lower Upper  
 146 100  
 111 47.5 23.8 71.2  
 148 65.4 30.6 92.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 8.707 ug/l  
 RT: 15.18 min Scan# 1438  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion: 75 Resp: 11114  
 Ion Ratio Lower Upper  
 75 100  
 155 69.6 30.0 90.0  
 157 83.2 42.1 126.3

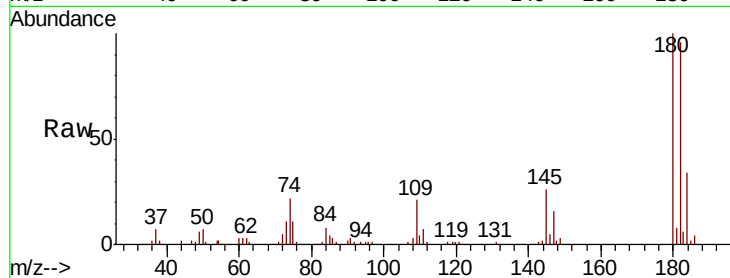




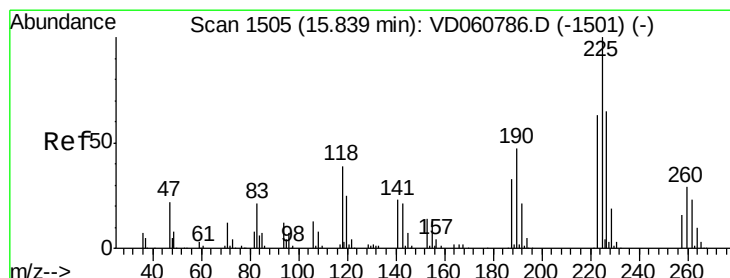
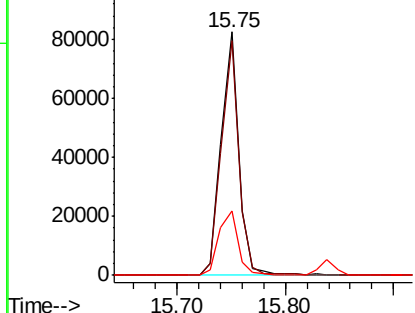
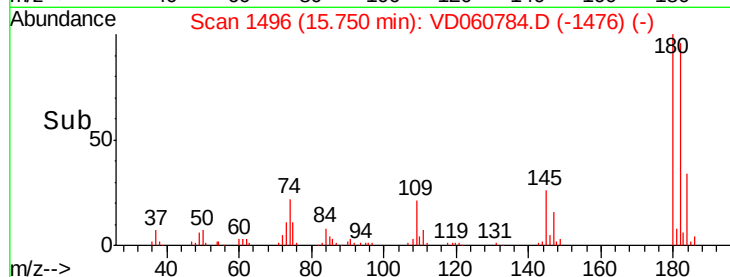
#93  
 1,2,4-Trichlorobenzene  
 Concen: 9.896 ug/l  
 RT: 15.75 min Scan# 1496  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:180 Resp: 93950  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 47.3 142.0  
 145 26.4 13.0 39.0

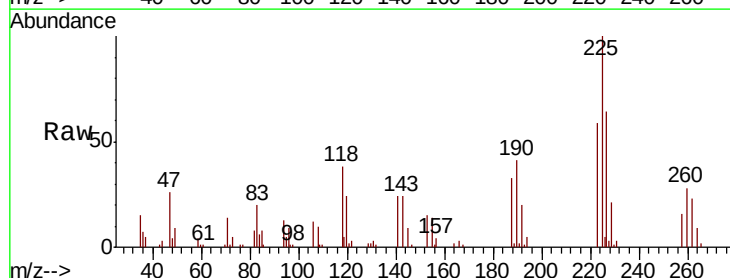


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

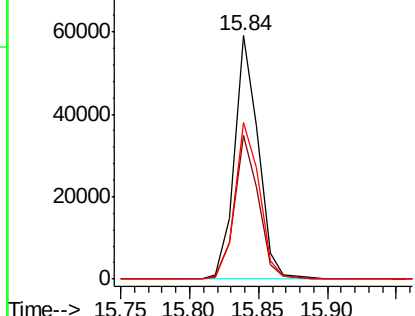
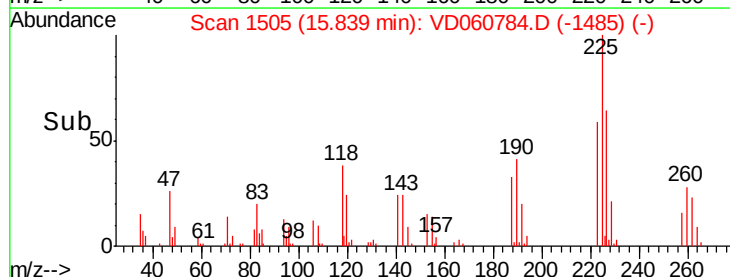


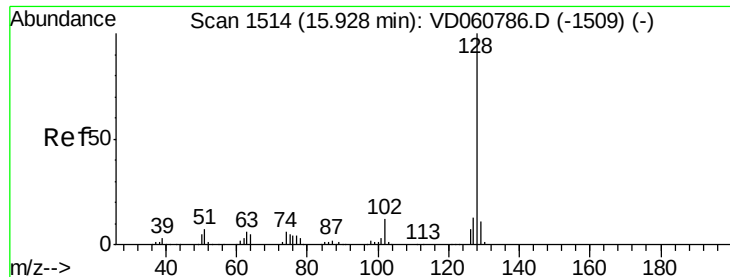
#94  
 Hexachlorobutadiene  
 Concen: 9.937 ug/l  
 RT: 15.84 min Scan# 1505  
 Delta R.T. -0.00 min  
 Lab File: VD060784.D  
 Acq: 23 Jan 2019 16:09

Tgt Ion:225 Resp: 71274  
 Ion Ratio Lower Upper  
 225 100  
 223 58.9 31.6 94.8  
 227 64.1 32.6 97.7



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

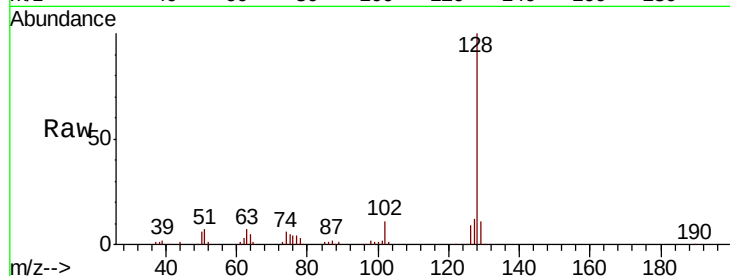




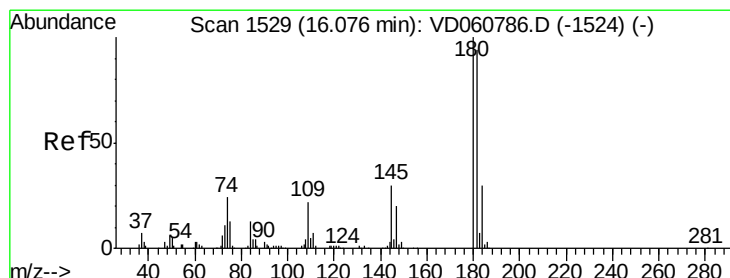
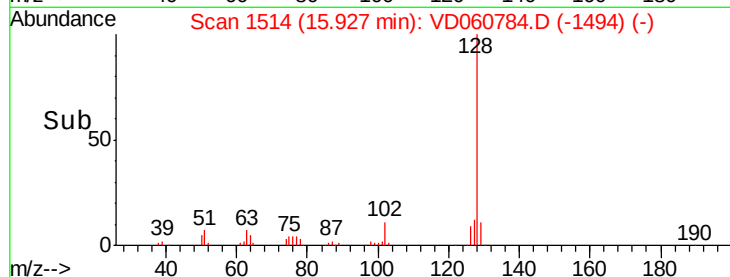
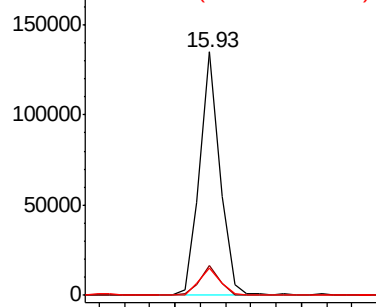
#95  
Naphthalene  
Concen: 10.375 ug/l  
RT: 15.93 min Scan# 1514  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tgt Ion:128 Resp: 150127  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.4 15.6  
129 11.1 8.7 13.1

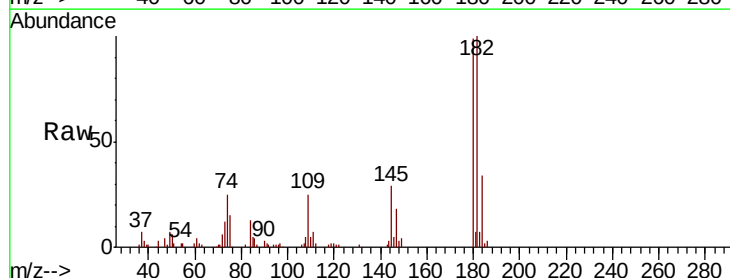


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 9.880 ug/l  
RT: 16.07 min Scan# 1529  
Delta R.T. -0.00 min  
Lab File: VD060784.D  
Acq: 23 Jan 2019 16:09

Tgt Ion:180 Resp: 80274  
Ion Ratio Lower Upper  
180 100  
182 100.5 47.0 141.0  
145 28.7 14.9 44.5



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

