

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\  
 Data File : VD061413.D  
 Acq On : 29 Mar 2019 3:51  
 Operator : VA/AP  
 Sample : VD0328SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Quant Time: Mar 29 05:29:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 593189   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1074947  | 50.00 | ug/l  | 0.03     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 836474   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 435762   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.46   | 65  | 294379   | 58.09 | ug/l    | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 116.18% |      |
| 35) Dibromofluoromethane    | 6.92   | 113 | 443046   | 53.93 | ug/l    | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.86% |      |
| 50) Toluene-d8              | 10.41  | 98  | 1042890  | 52.93 | ug/l    | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.86% |      |
| 62) 4-Bromofluorobenzene    | 13.55  | 95  | 387937   | 51.35 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.70% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85  | 130556  | 20.609  | ug/l   | 99     |
| 3) Chloromethane              | 1.77 | 50  | 112560  | 21.786  | ug/l   | 94     |
| 4) Vinyl Chloride             | 1.86 | 62  | 104533  | 22.036  | ug/l   | 98     |
| 5) Bromomethane               | 2.16 | 94  | 18702   | 19.881  | ug/l # | 97     |
| 6) Chloroethane               | 2.27 | 64  | 26637   | 19.148  | ug/l # | 86     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 147759  | 21.420  | ug/l   | 95     |
| 8) Diethyl Ether              | 2.88 | 74  | 49925   | 22.479  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 150451  | 20.287  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.32 | 142 | 186837  | 18.889  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.07 | 59  | 33750   | 106.948 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 131442  | 20.644  | ug/l   | 99     |
| 13) Acrolein                  | 3.05 | 56  | 27781   | 101.975 | ug/l   | 95     |
| 14) Allyl chloride            | 3.63 | 41  | 189084  | 21.292  | ug/l   | 96     |
| 15) Acrylonitrile             | 4.20 | 53  | 121934  | 111.326 | ug/l   | 95     |
| 16) Acetone                   | 3.23 | 43  | 114587  | 87.966  | ug/l   | 100    |
| 17) Carbon Disulfide          | 3.38 | 76  | 446821  | 21.599  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.65 | 43  | 59853   | 21.854  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73  | 258688  | 23.471  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.82 | 84  | 192573  | 25.447  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96  | 153328  | 22.305  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.12 | 45  | 430239  | 22.894  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.06 | 43  | 1131924 | 110.885 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.99 | 63  | 239348  | 21.672  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43  | 168215  | 102.659 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.03 | 77  | 177881  | 20.261  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96  | 172528  | 22.907  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.44 | 49  | 93912   | 21.065  | ug/l # | 89     |
| 29) Tetrahydrofuran           | 6.46 | 42  | 93915   | 118.249 | ug/l   | 98     |
| 30) Chloroform                | 6.67 | 83  | 267283  | 23.422  | ug/l   | 97     |
| 31) Cyclohexane               | 6.95 | 56  | 197355  | 22.613  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.88 | 97  | 219916  | 21.844  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.15 | 75  | 193451  | 20.620  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.19 | 43  | 86652   | 21.596  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 217129  | 20.141  | ug/l   | 94     |

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 Sample : VD0328SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Quant Time: Mar 29 05:29:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 184523   | 18.884  | ug/l   | 95       |
| 40) Benzene                    | 7.46  | 78   | 510832   | 21.695  | ug/l   | 96       |
| 41) Methacrylonitrile          | 6.44  | 41   | 105073   | 22.397  | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 151194   | 21.467  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 118528   | 20.303  | ug/l   | 94       |
| 44) Trichloroethene            | 8.54  | 130  | 182657   | 20.845  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 128489   | 21.520  | ug/l   | 100      |
| 46) Dibromomethane             | 9.06  | 93   | 88963    | 22.138  | ug/l   | 92       |
| 47) Bromodichloromethane       | 9.38  | 83   | 211272   | 23.424  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.11  | 41   | 71290    | 22.127  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 15497    | 436.077 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 406884   | 114.558 | ug/l   | 100      |
| 52) Toluene                    | 10.51 | 92   | 323847   | 22.545  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 176812   | 21.576  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 199563   | 19.999  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 118210   | 23.531  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 117943   | 21.854  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 161807   | 21.914  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 271390   | 103.261 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.53 | 43   | 261498   | 101.617 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.68 | 129  | 167009   | 21.565  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 138058   | 23.733  | ug/l   | 95       |
| 64) Tetrachloroethene          | 11.26 | 164  | 150040   | 22.855  | ug/l   | 99       |
| 65) Chlorobenzene              | 12.40 | 112  | 402322   | 23.535  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 152595   | 23.054  | ug/l   | 96       |
| 67) Ethyl Benzene              | 12.52 | 91   | 613316   | 23.505  | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.66 | 106  | 445281   | 45.050  | ug/l   | 98       |
| 69) o-Xylene                   | 13.05 | 106  | 217281   | 22.653  | ug/l   | 98       |
| 70) Styrene                    | 13.07 | 104  | 384332   | 22.986  | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 91392    | 21.782  | ug/l   | 99       |
| 73) Isopropylbenzene           | 13.40 | 105  | 633302   | 20.881  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.26 | 43   | 166607   | 19.720  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 122453   | 19.140  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 117569   | 18.678  | ug/l   | 98       |
| 77) Bromobenzene               | 13.67 | 156  | 173773   | 19.327  | ug/l   | 90       |
| 78) n-propylbenzene            | 13.77 | 91   | 686736   | 18.503  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 394120   | 19.557  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 495603   | 21.061  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 37290    | 19.429  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 473691   | 21.617  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 540366   | 18.375  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 519500   | 20.392  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 596973   | 19.108  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 553426   | 20.949  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 310350   | 20.383  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 309408   | 20.838  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.79 | 91   | 446134   | 18.399  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 146615   | 19.645  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 244964   | 19.615  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 14574    | 19.422  | ug/l   | 74       |

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Acq On : 29 Mar 2019 3:51  
Operator : VA/AP  
Sample : VD0328SBS02  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Quant Time: Mar 29 05:29:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 28 09:22:37 2019  
Response via : Initial Calibration

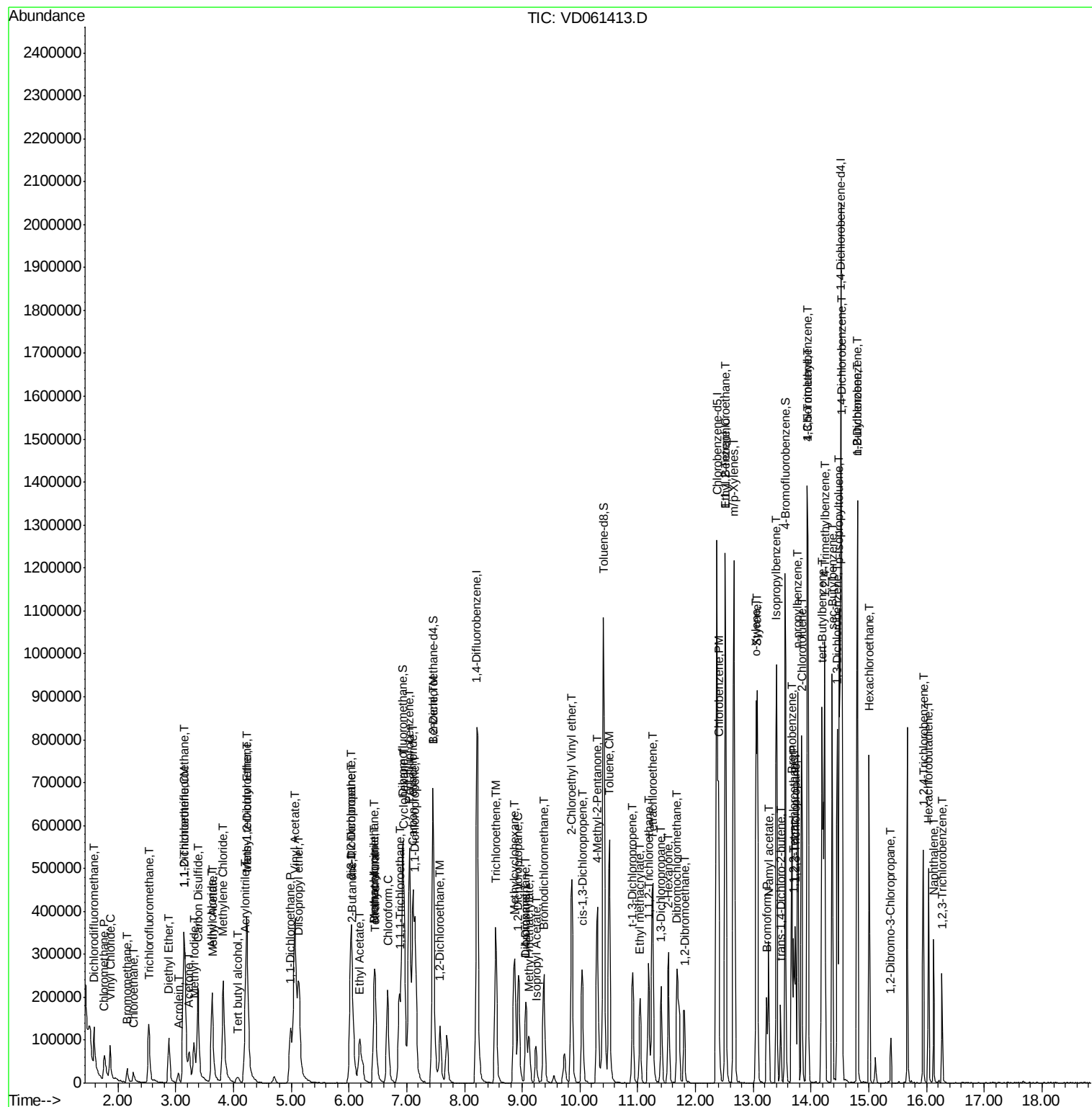
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 134585   | 23.657 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 89728    | 20.184 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 199016   | 22.950 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 62535    | 24.980 | ug/l  | 98       |

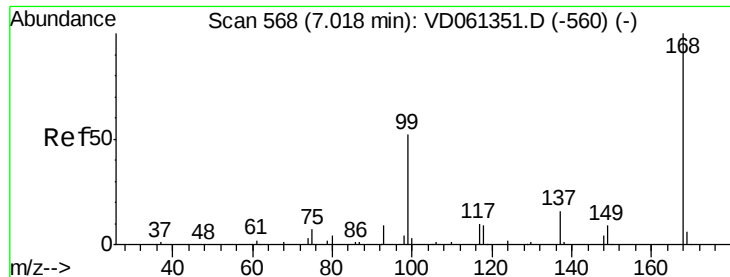
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\  
 Data File : VD061413.D  
 Acq On : 29 Mar 2019 3:51  
 Operator : VA/AP  
 Sample : VD0328SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0328SBS02

Quant Time: Mar 29 05:29:53 2019  
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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

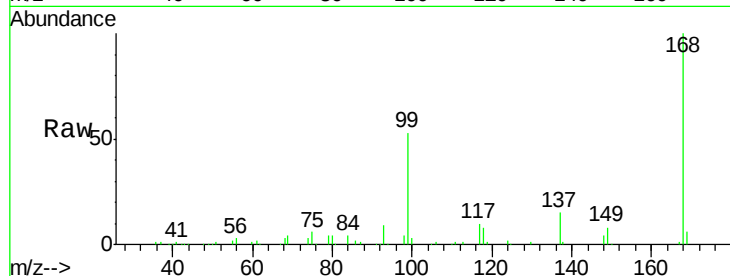
VD0328SBS02

Tot Ion:168 Resp: 593189

Ion Ratio Lower Upper

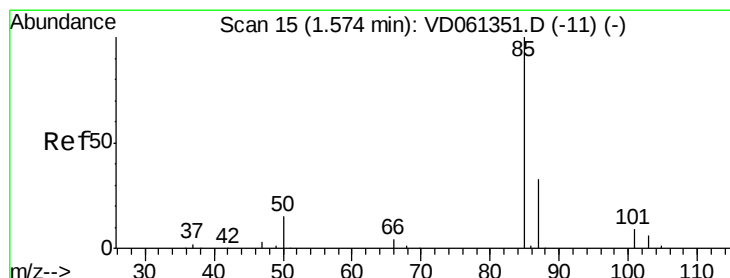
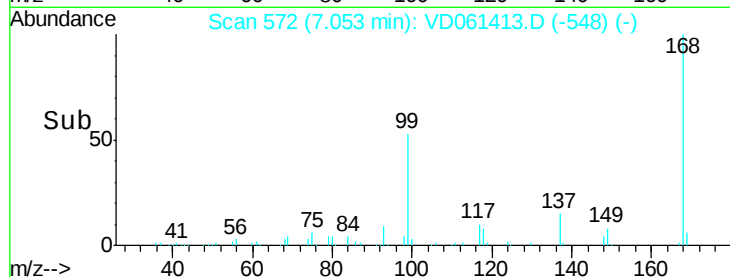
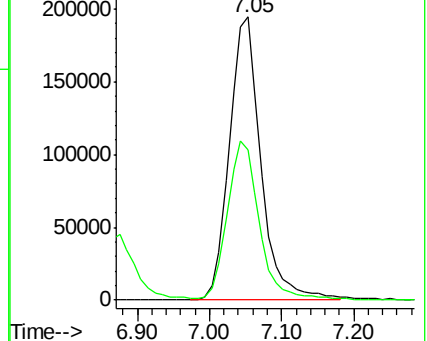
168 100

99 53.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 20.609 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.02 min

Lab File: VD061413.D

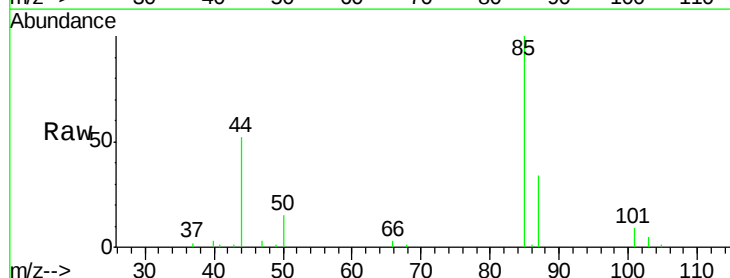
Acq: 29 Mar 2019 3:51

Tgt Ion: 85 Resp: 130556

Ion Ratio Lower Upper

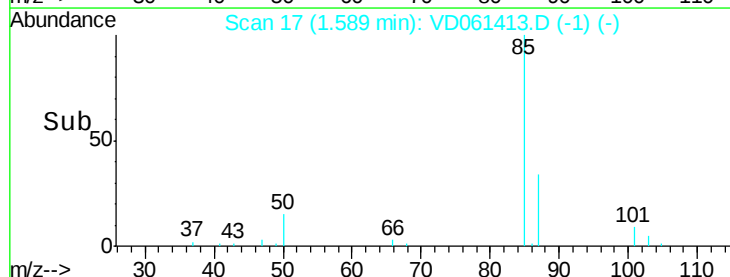
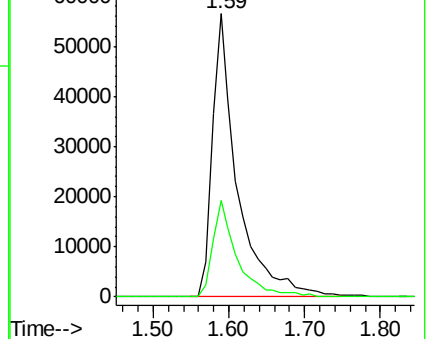
85 100

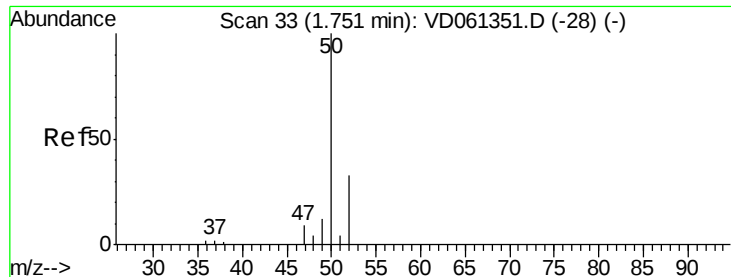
87 33.9 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.786 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

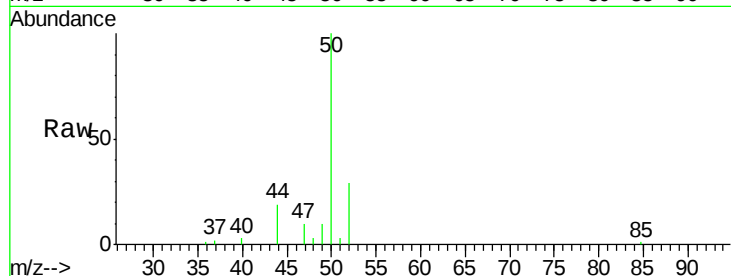
VD0328SBS02

Tot Ion: 50 Resp: 112560

Ion Ratio Lower Upper

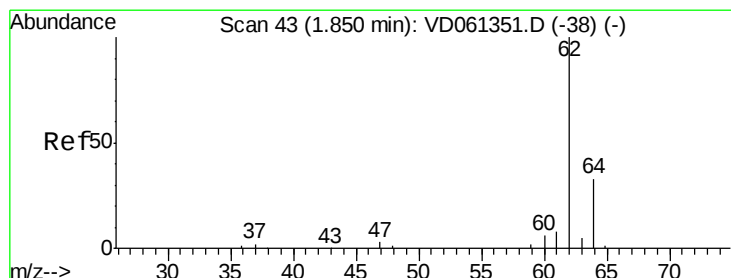
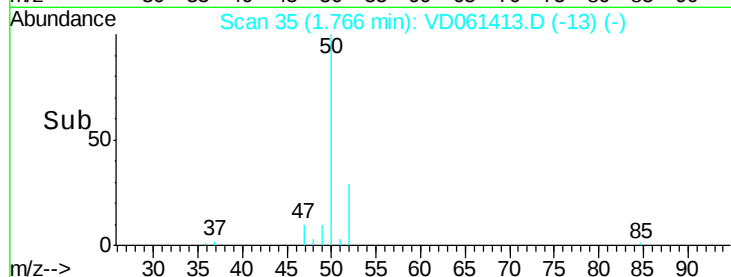
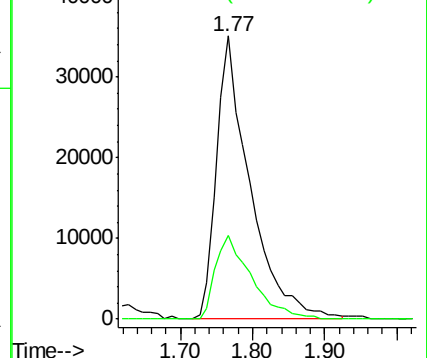
50 100

52 29.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.036 ug/l

RT: 1.86 min Scan# 45

Delta R.T. 0.02 min

Lab File: VD061413.D

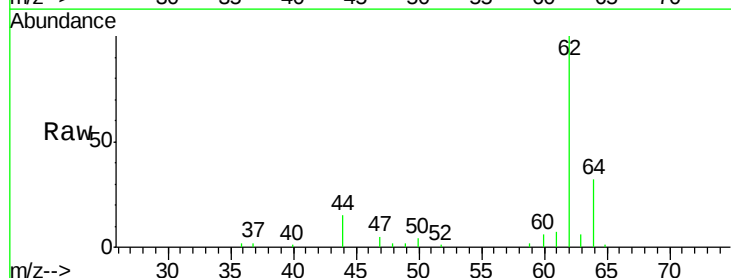
Acq: 29 Mar 2019 3:51

Tgt Ion: 62 Resp: 104533

Ion Ratio Lower Upper

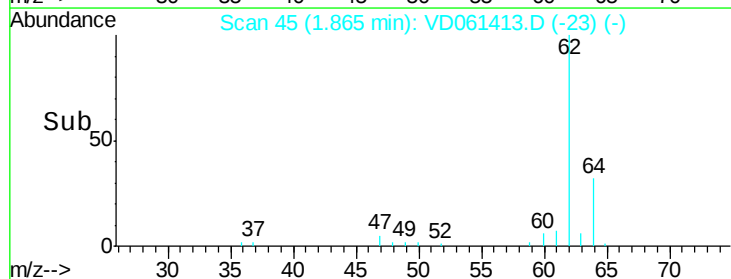
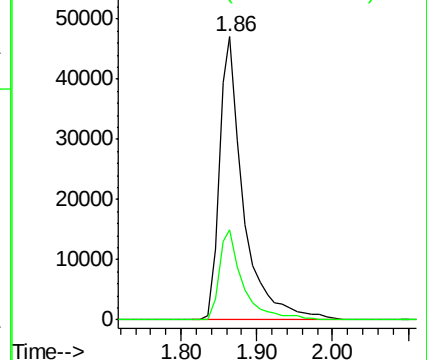
62 100

64 31.8 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

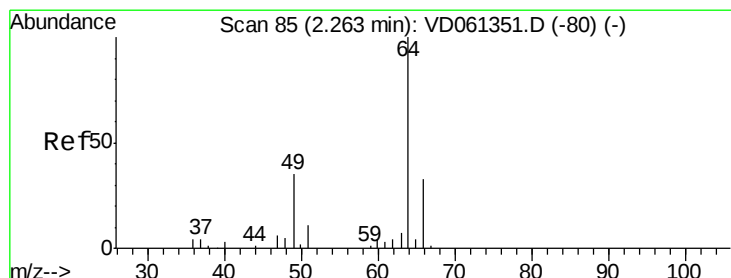
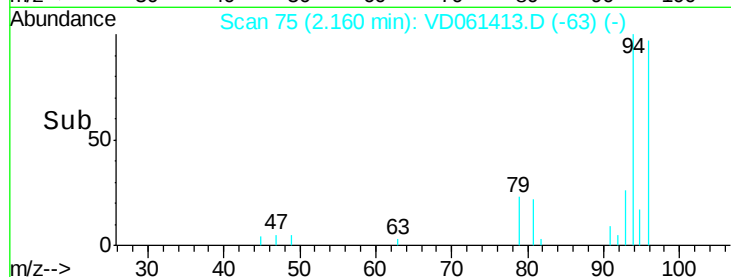
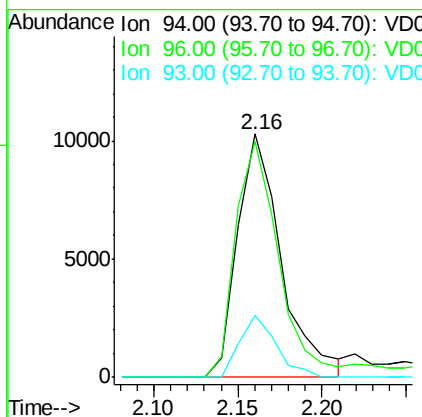
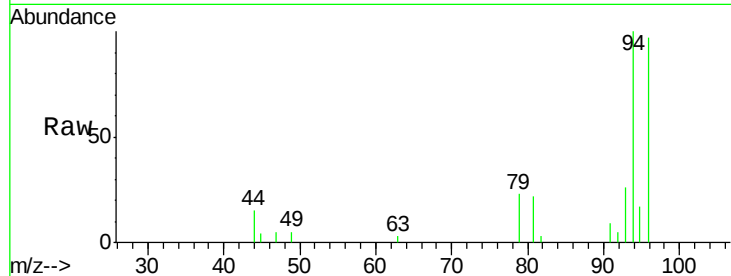




#5  
Bromomethane  
Concen: 19.881 ug/l  
RT: 2.16 min Scan# 75  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

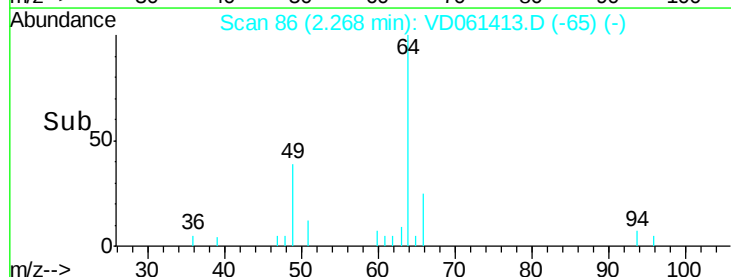
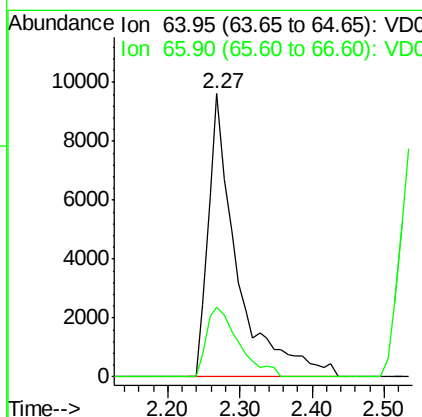
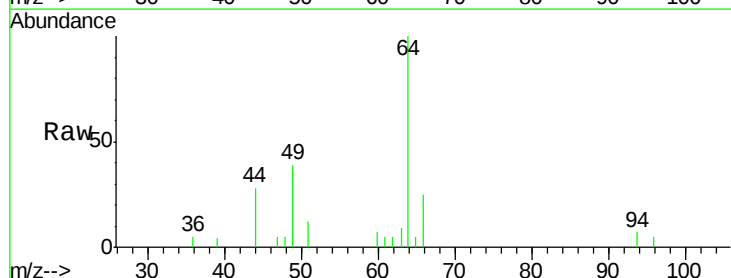
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

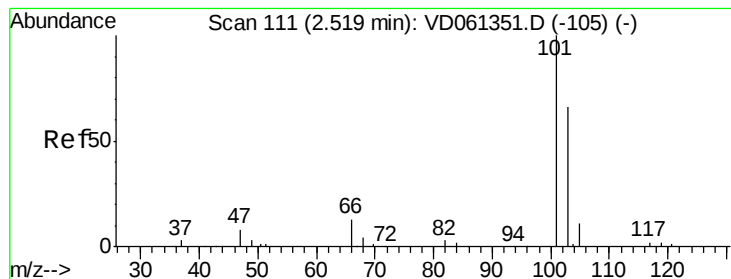
Tot Ion: 94 Resp: 18702  
Ion Ratio Lower Upper  
94 100  
96 96.7 78.3 117.5  
93 25.6 15.6 23.4#



#6  
Chloroethane  
Concen: 19.148 ug/l  
RT: 2.27 min Scan# 86  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 64 Resp: 26637  
Ion Ratio Lower Upper  
64 100  
66 24.8 26.2 39.2#



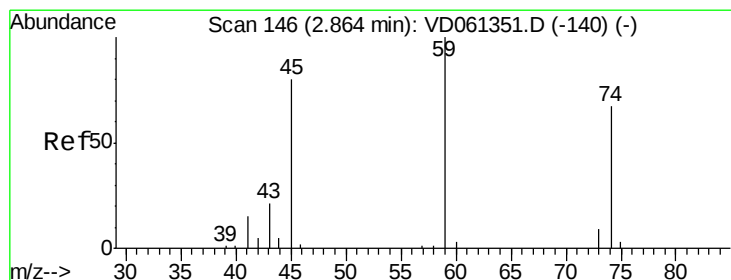
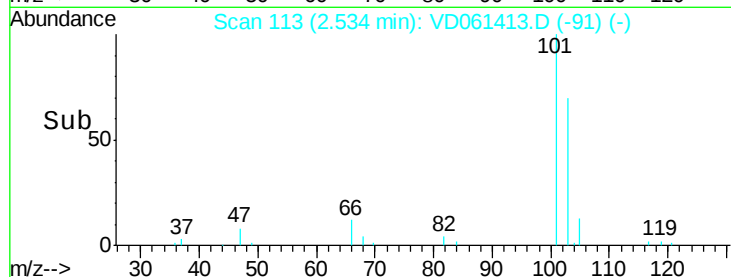
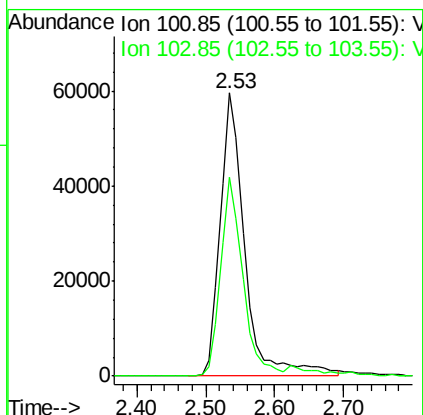
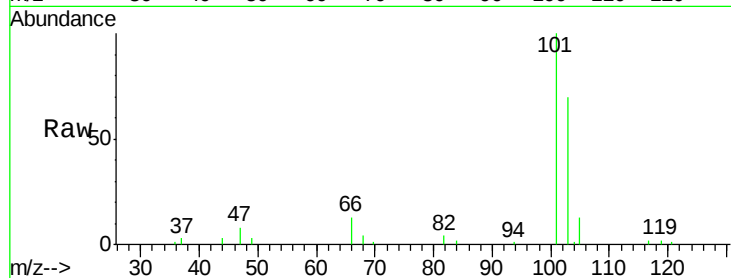


#7

Trichlorofluoromethane  
 Concen: 21.420 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

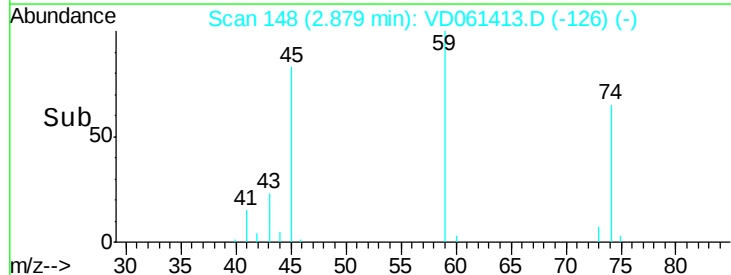
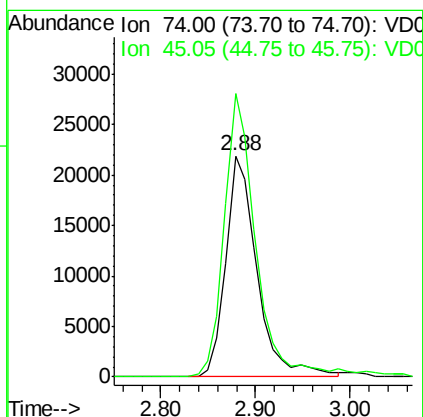
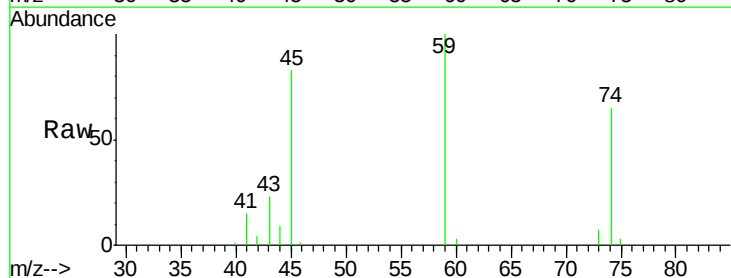
Tot Ion:101 Resp: 147759  
 Ion Ratio Lower Upper  
 101 100  
 103 70.5 53.1 79.7

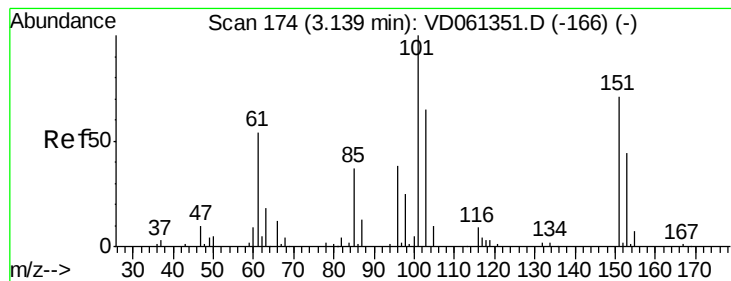


#8

Diethyl Ether  
 Concen: 22.479 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 74 Resp: 49925  
 Ion Ratio Lower Upper  
 74 100  
 45 128.3 59.7 179.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.287 ug/l

RT: 3.15 min Scan# 176

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

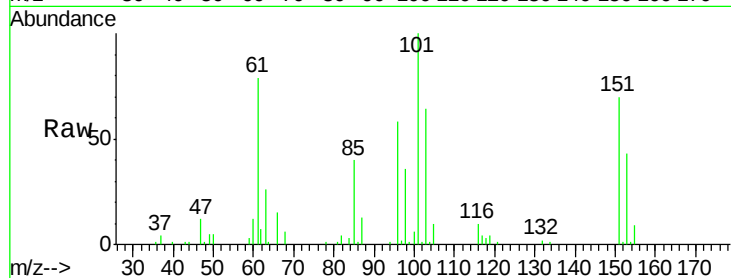
Tot Ion:101 Resp: 150451

Ion Ratio Lower Upper

101 100

85 40.5 29.4 44.0

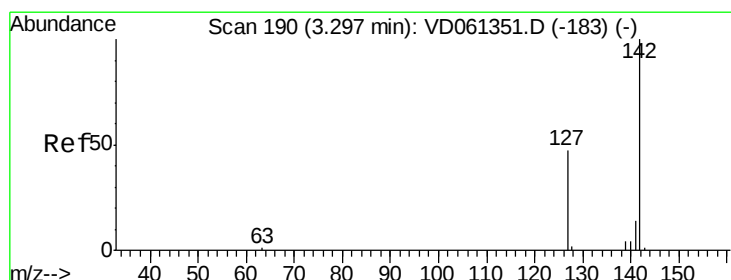
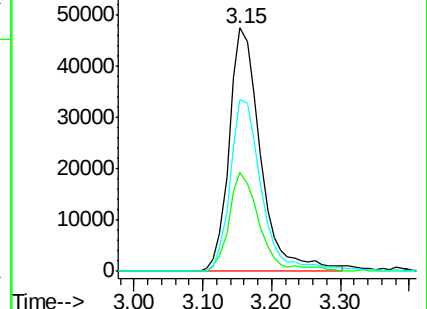
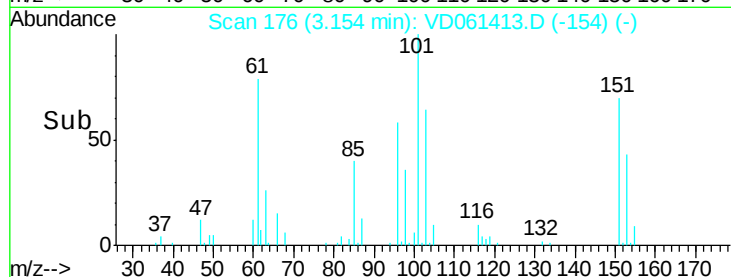
151 70.5 57.0 85.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.889 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

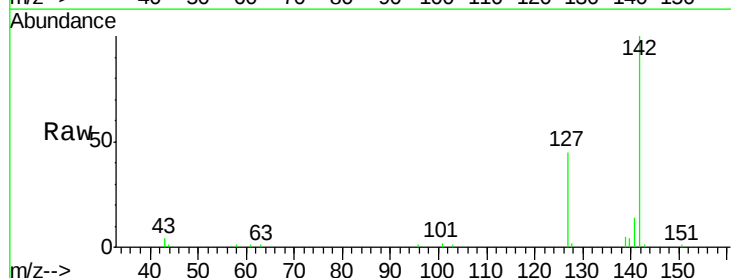
Tgt Ion:142 Resp: 186837

Ion Ratio Lower Upper

142 100

127 45.4 37.7 56.5

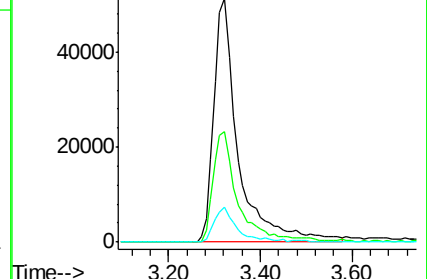
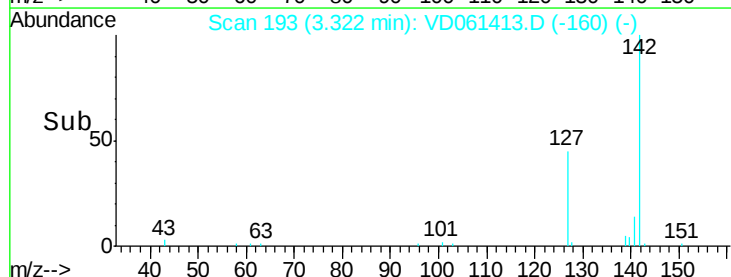
141 14.3 11.5 17.3

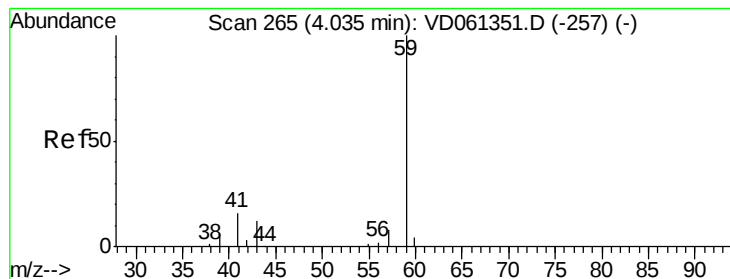


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



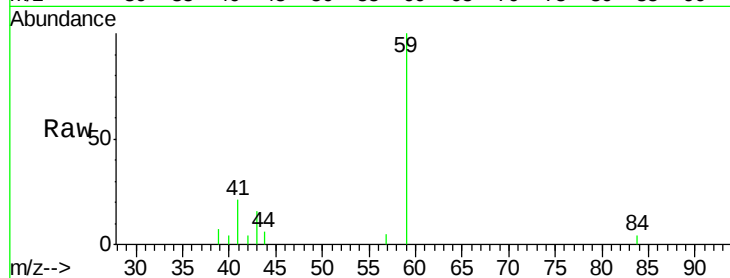


#11

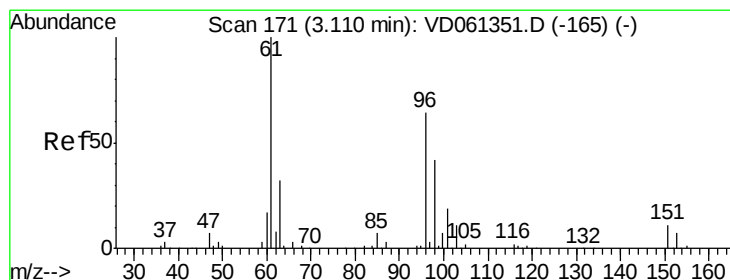
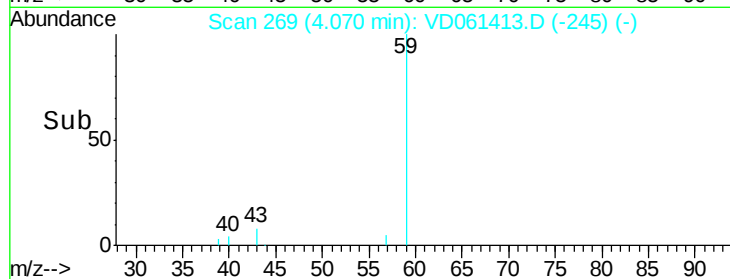
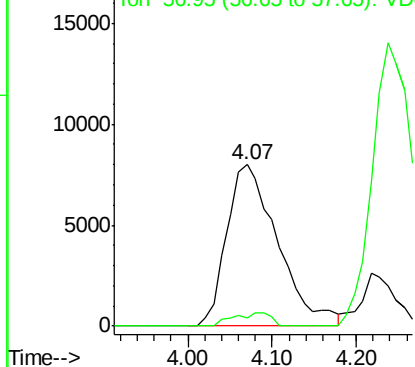
Tert butyl alcohol  
 Concen: 106.948 ug/l  
 RT: 4.07 min Scan# 269  
 Delta R.T. 0.03 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion: 59 Resp: 33750  
 Ion Ratio Lower Upper  
 59 100  
 57 5.2 6.7 10.1#



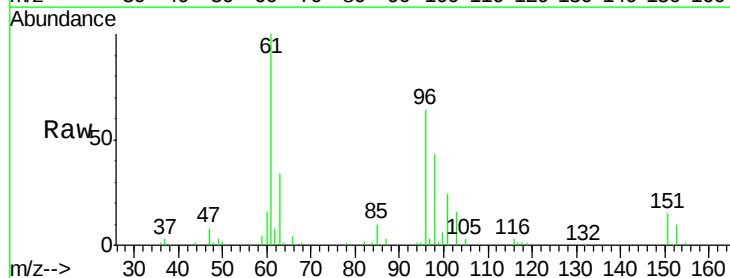
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



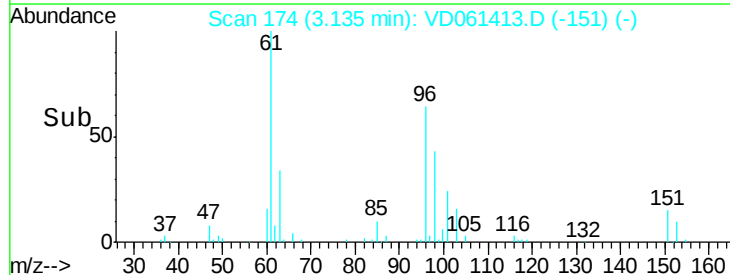
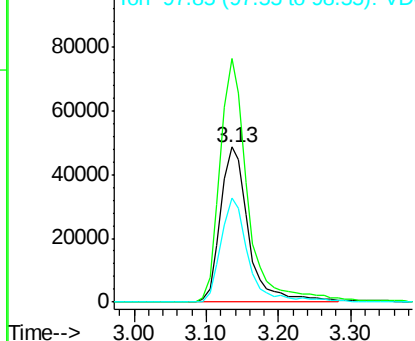
#12

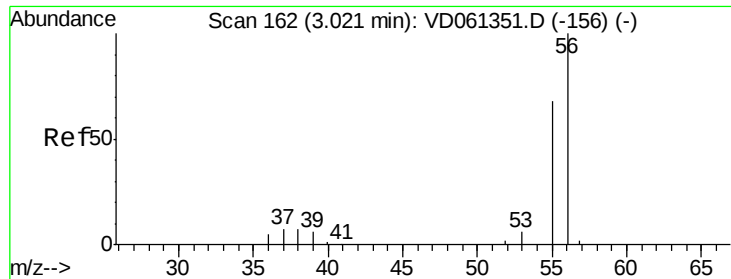
1,1-Dichloroethene  
 Concen: 20.644 ug/l  
 RT: 3.13 min Scan# 174  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 96 Resp: 131442  
 Ion Ratio Lower Upper  
 96 100  
 61 157.1 124.9 187.3  
 98 67.5 52.5 78.7



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: 101.975 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

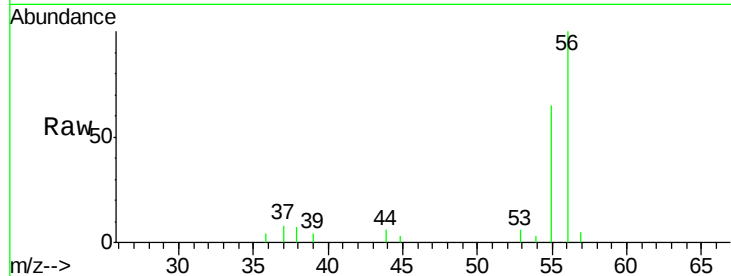
VD0328SBS02

Tot Ion: 56 Resp: 27781

Ion Ratio Lower Upper

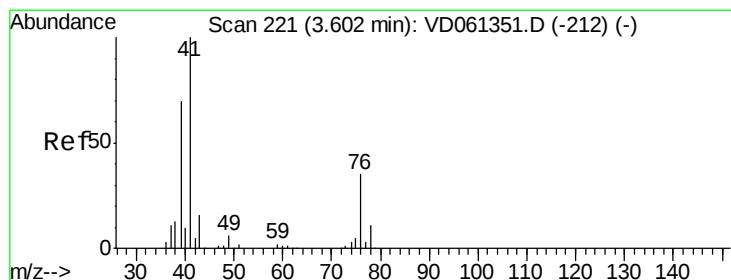
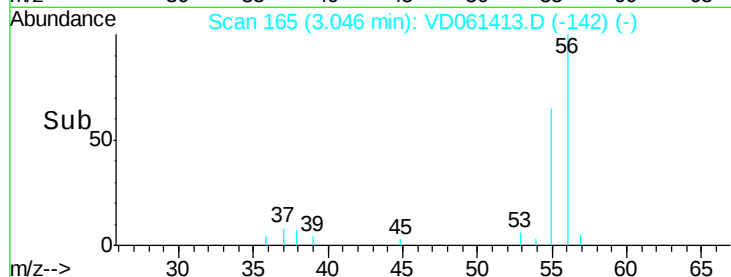
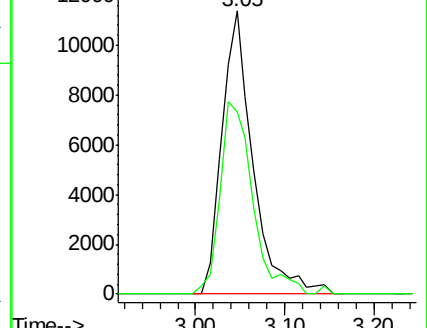
56 100

55 64.5 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.292 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

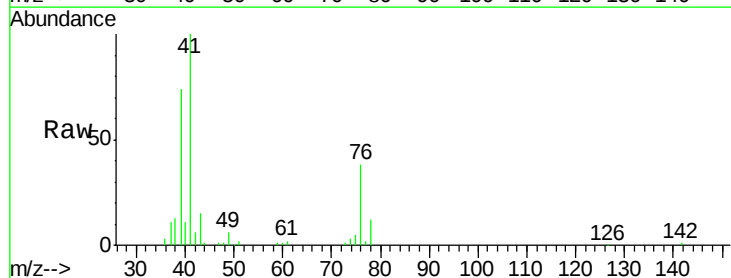
Tgt Ion: 41 Resp: 189084

Ion Ratio Lower Upper

41 100

39 73.6 55.6 83.4

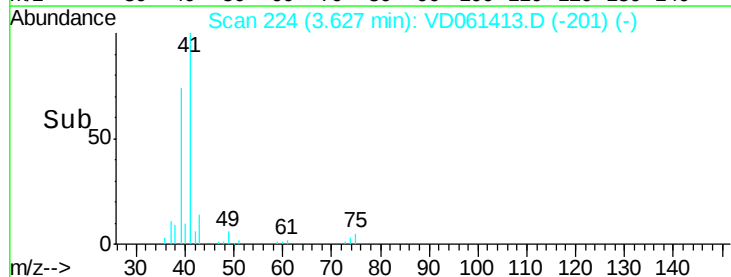
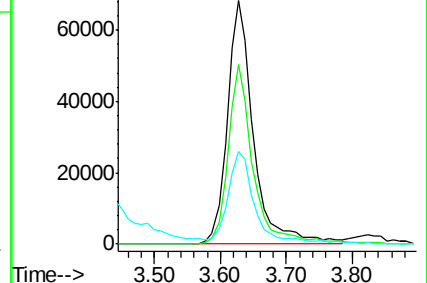
76 38.0 31.0 46.6

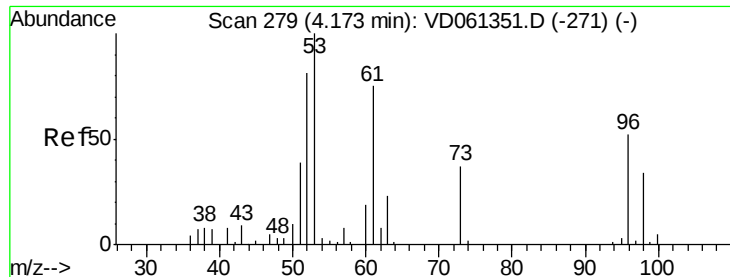


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

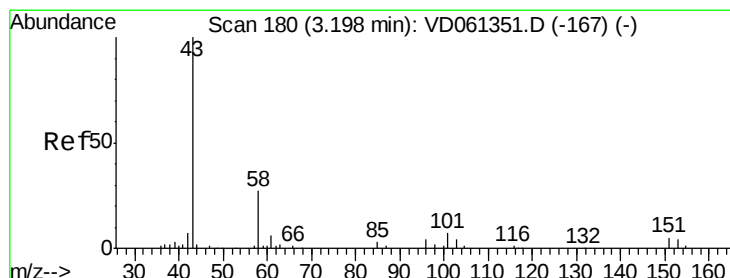
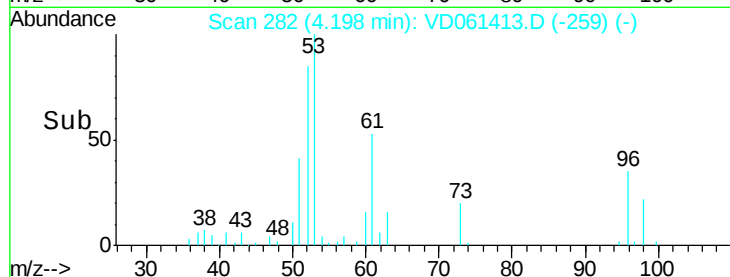
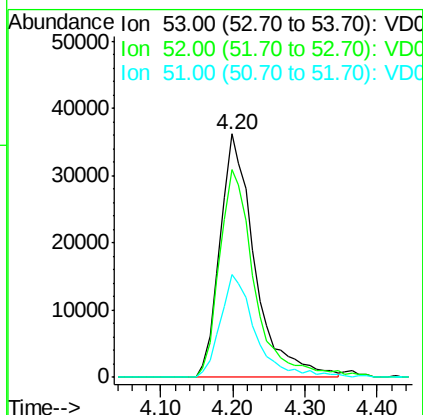
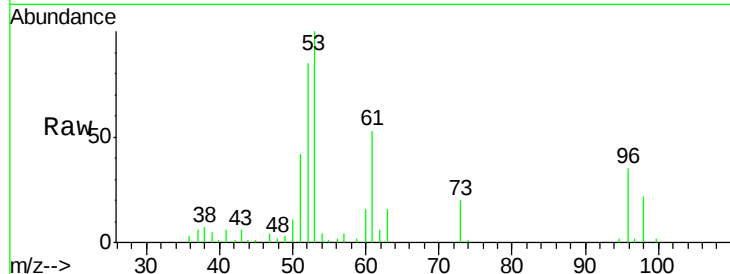




#15  
 Acrylonitrile  
 Concen: 111.326 ug/l  
 RT: 4.20 min Scan# 282  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

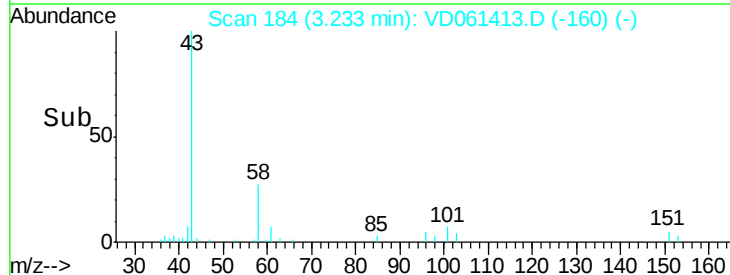
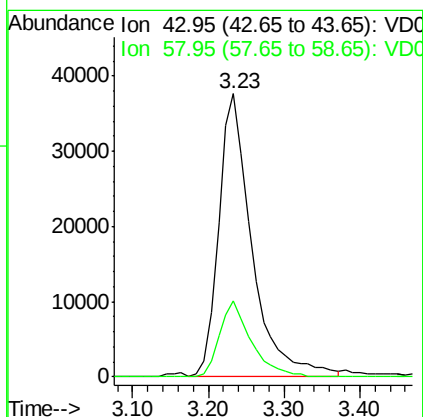
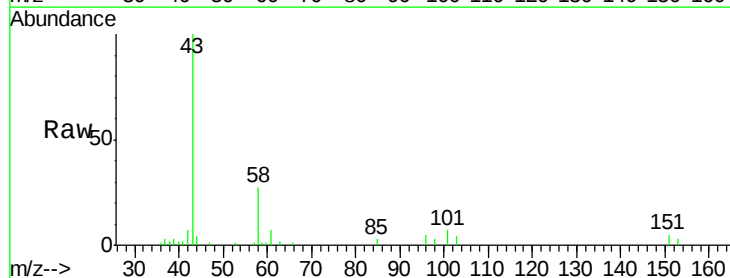
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0328SBS02

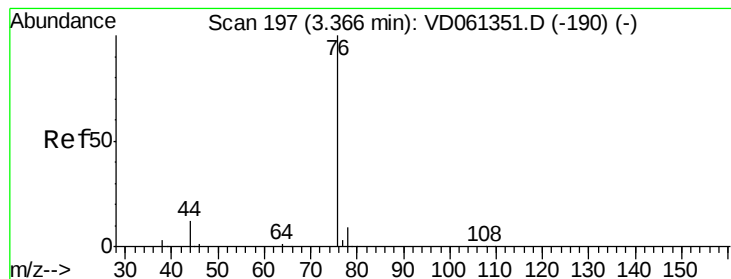
Tot Ion: 53 Resp: 121934  
 Ion Ratio Lower Upper  
 53 100  
 52 85.4 64.8 97.2  
 51 42.4 31.4 47.2



#16  
 Acetone  
 Concen: 87.966 ug/l  
 RT: 3.23 min Scan# 184  
 Delta R.T. 0.03 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 43 Resp: 114587  
 Ion Ratio Lower Upper  
 43 100  
 58 26.9 21.5 32.3





#17

Carbon Disulfide

Concen: 21.599 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

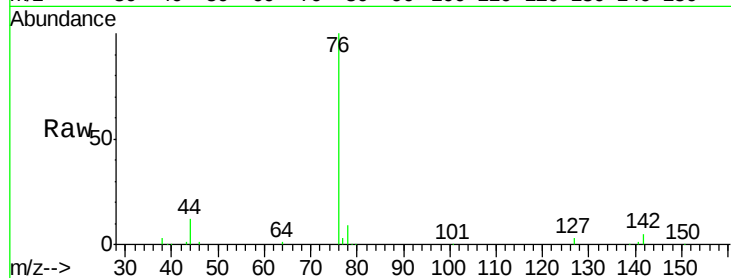
VD0328SBS02

Tot Ion: 76 Resp: 446821

Ion Ratio Lower Upper

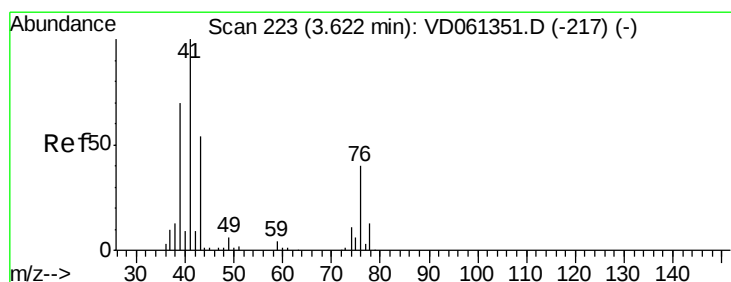
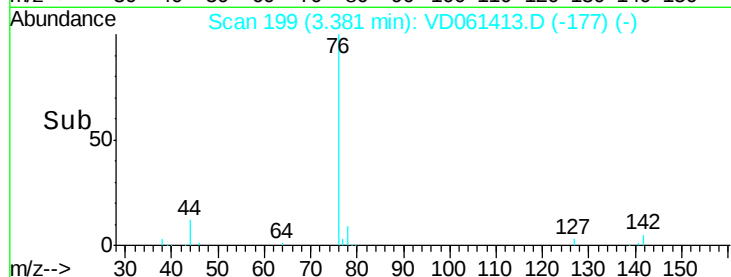
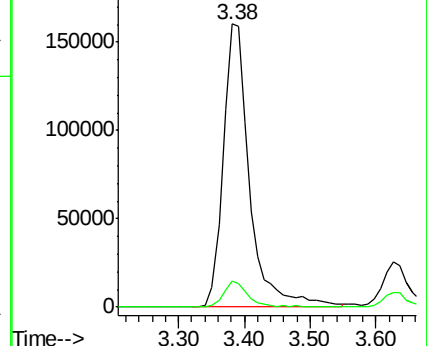
76 100

78 9.1 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 21.854 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD061413.D

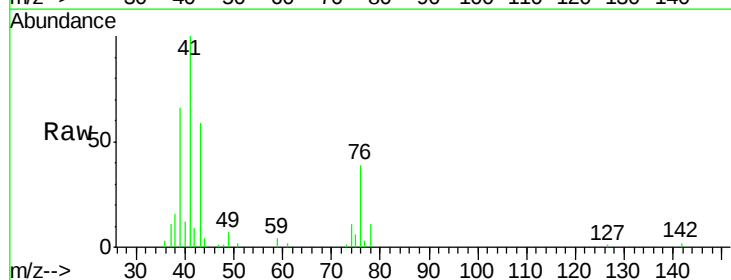
Acq: 29 Mar 2019 3:51

Tgt Ion: 43 Resp: 59853

Ion Ratio Lower Upper

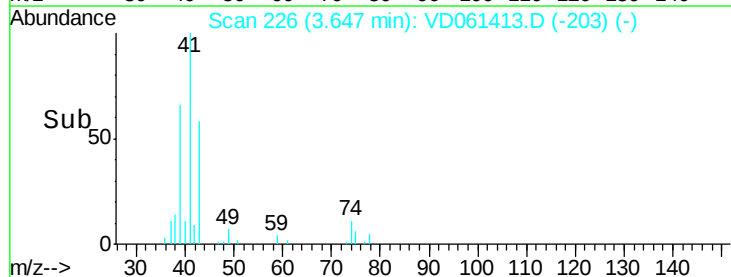
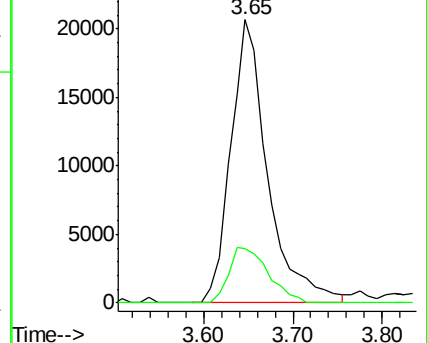
43 100

74 19.4 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

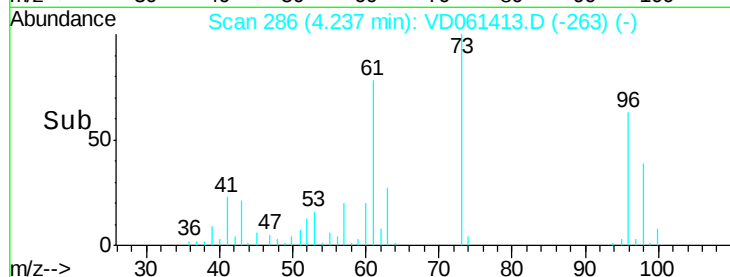
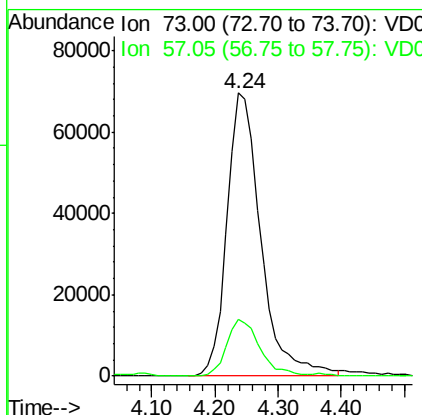
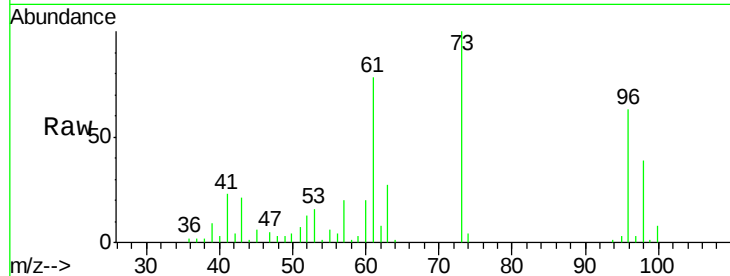




#19  
Methvl tert-butvl Ether  
Concen: 23.471 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

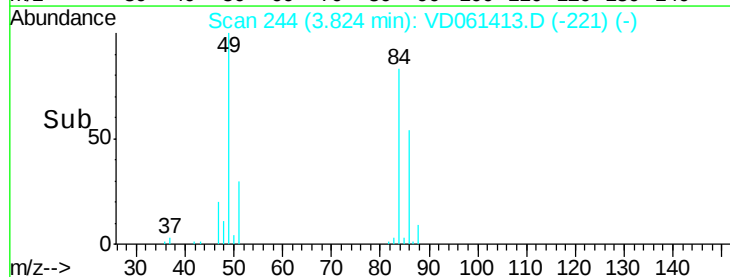
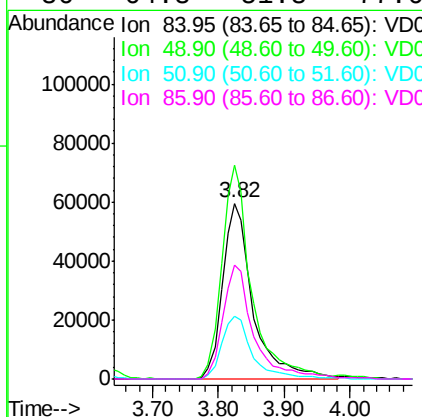
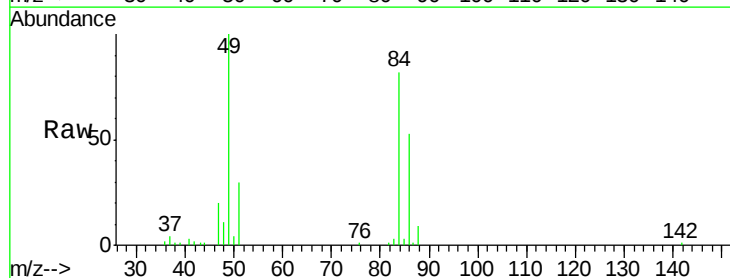
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

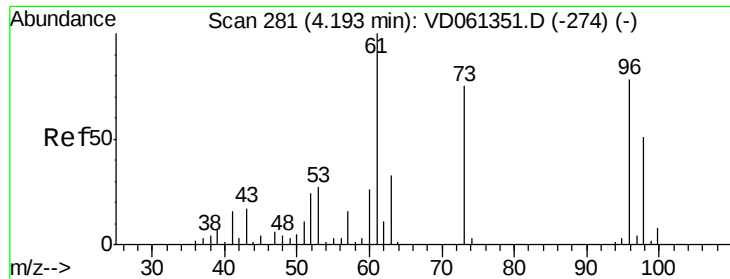
Tot Ion: 73 Resp: 258688  
Ion Ratio Lower Upper  
73 100  
57 20.2 16.4 24.6



#20  
Methylene Chloride  
Concen: 25.447 ug/l  
RT: 3.82 min Scan# 244  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 84 Resp: 192573  
Ion Ratio Lower Upper  
84 100  
49 121.5 91.8 137.8  
51 35.8 29.8 44.8  
86 64.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 22.305 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.03 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

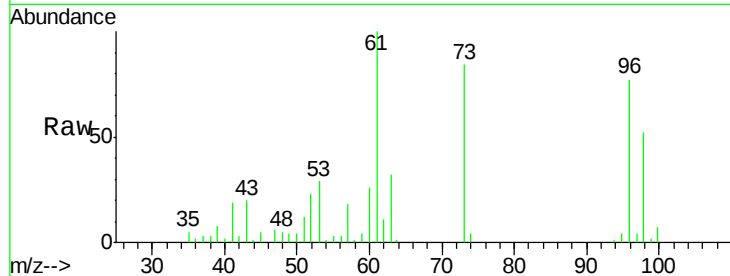
Tot Ion: 96 Resp: 153328

Ion Ratio Lower Upper

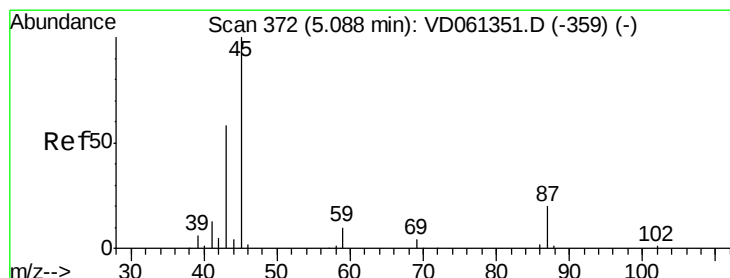
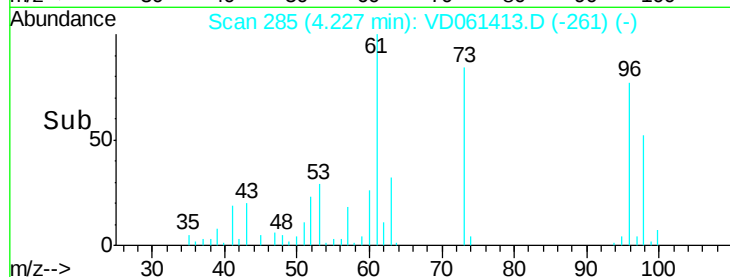
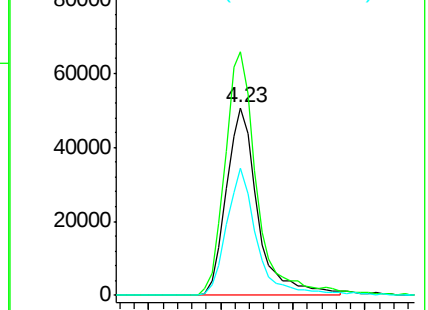
96 100

61 129.8 102.7 154.1

98 67.5 52.2 78.4



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



#22

Diisopropyl ether

Concen: 22.894 ug/l

RT: 5.12 min Scan# 376

Delta R.T. 0.03 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Tgt Ion: 45 Resp: 430239

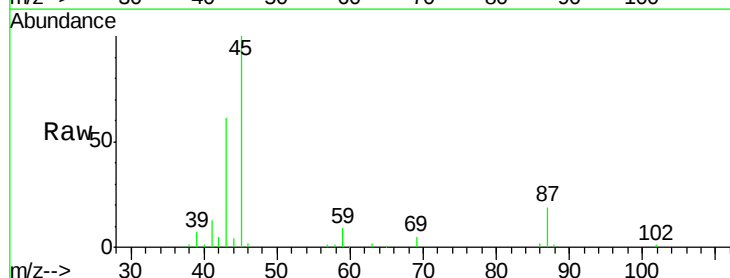
Ion Ratio Lower Upper

45 100

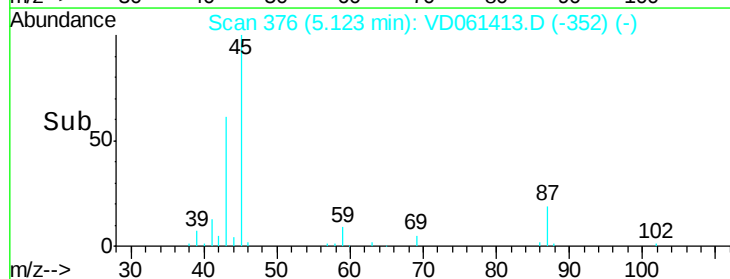
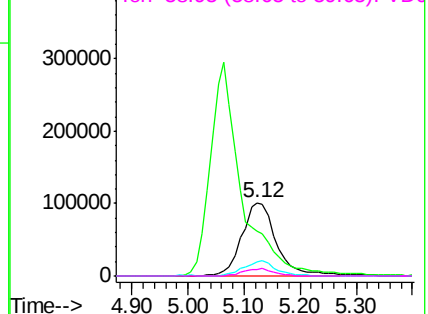
43 61.5 47.4 71.2

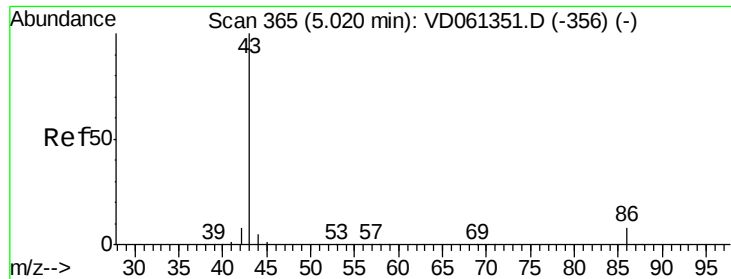
87 19.1 16.3 24.5

59 8.8 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

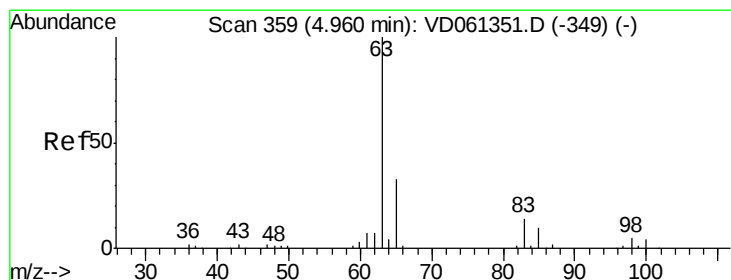
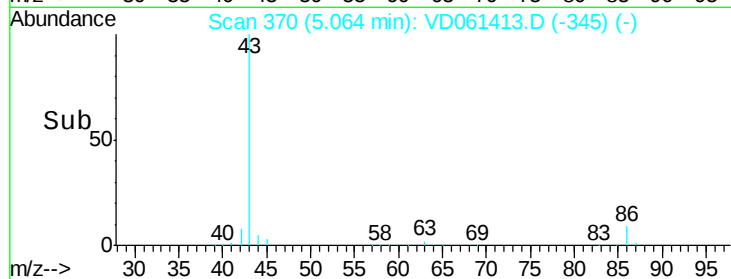
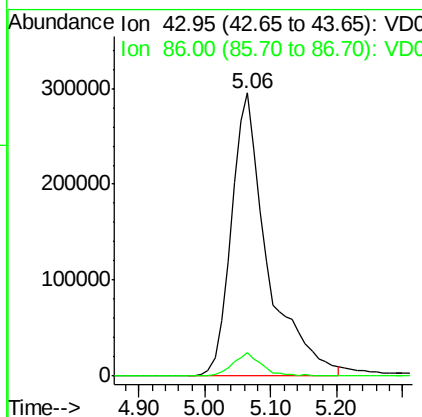
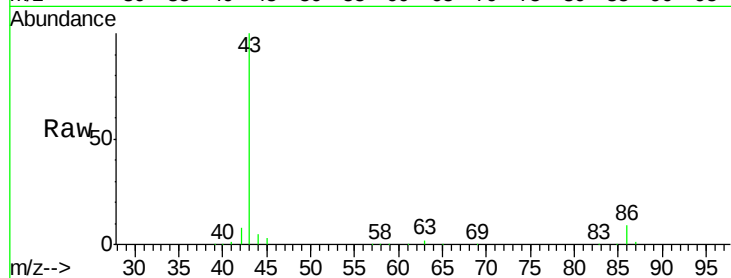




#23  
 Vinyl Acetate  
 Concen: 110.885 ug/l  
 RT: 5.06 min Scan# 370  
 Delta R.T. 0.04 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

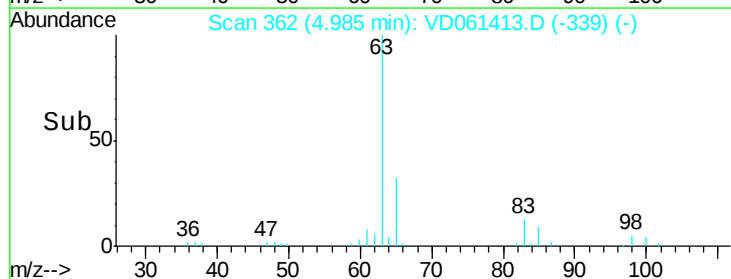
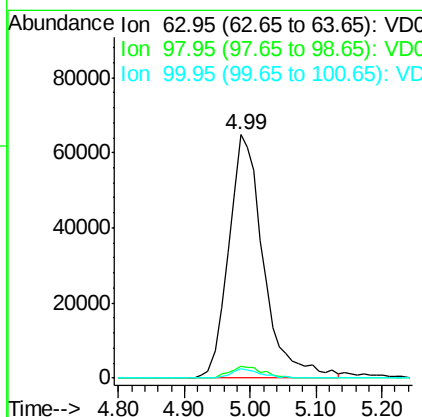
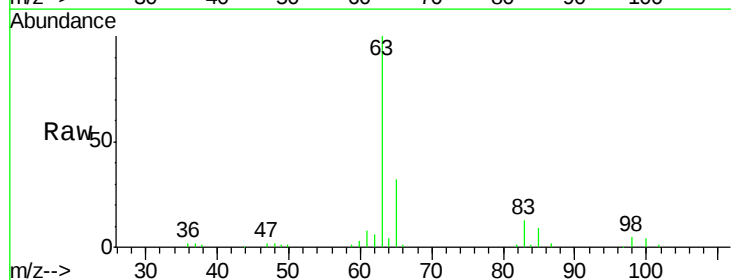
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

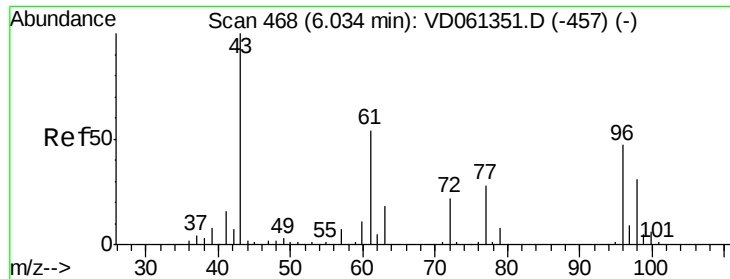
Tot Ion: 43 Resp: 1131924  
 Ion Ratio Lower Upper  
 43 100  
 86 8.5 6.7 10.1



#24  
 1,1-Dichloroethane  
 Concen: 21.672 ug/l  
 RT: 4.99 min Scan# 362  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 63 Resp: 239348  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.6 8.0  
 100 3.6 1.8 5.3

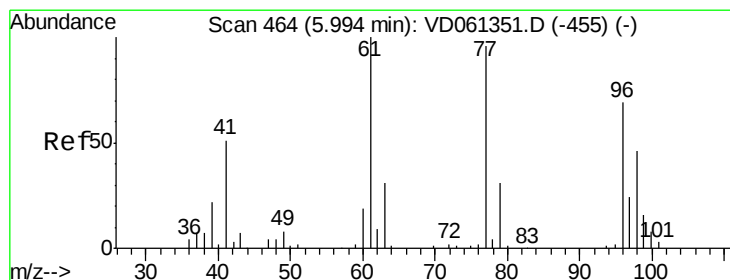
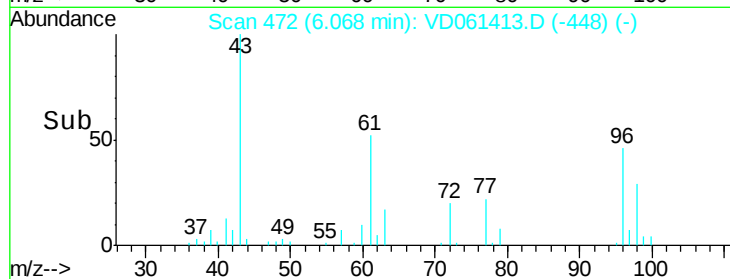
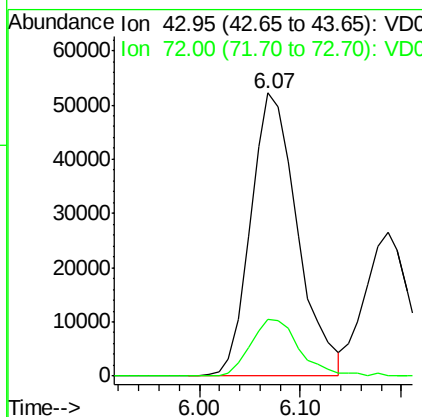
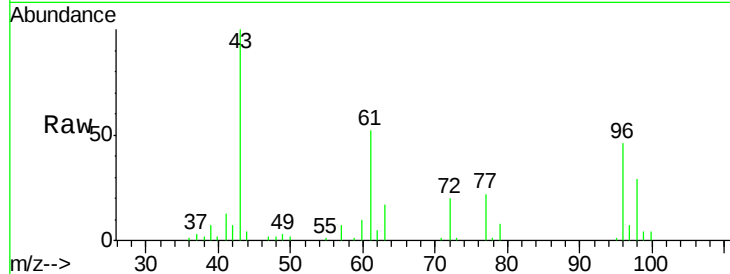




#25  
2-Butanone  
Concen: 102.659 ug/l  
RT: 6.07 min Scan# 472  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

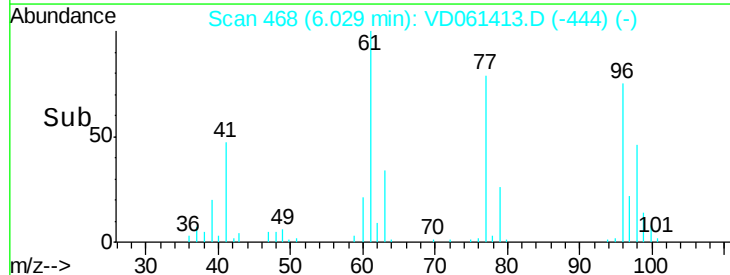
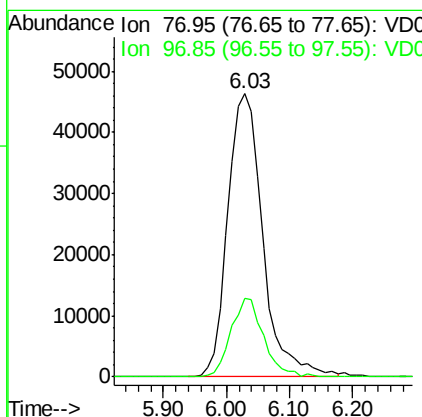
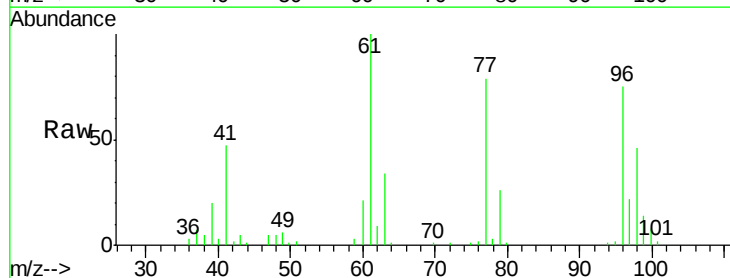
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 43 Resp: 168215  
Ion Ratio Lower Upper  
43 100  
72 20.0 17.2 25.8



#26  
2,2-Dichloropropane  
Concen: 20.261 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 77 Resp: 177881  
Ion Ratio Lower Upper  
77 100  
97 27.9 12.7 38.0



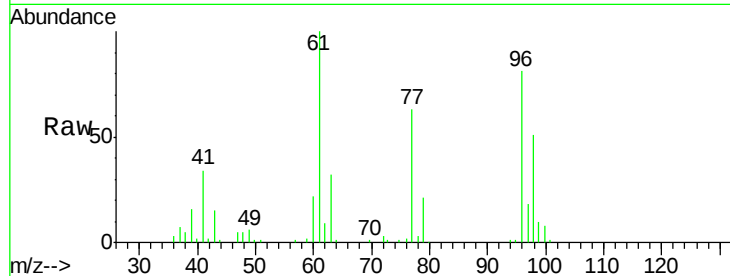


#27

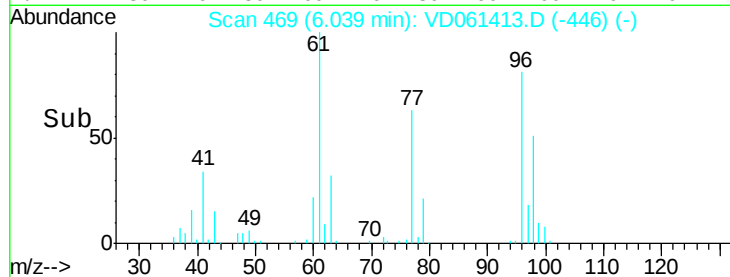
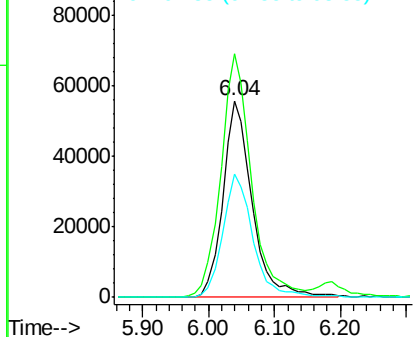
cis-1,2-Dichloroethene  
 Concen: 22.907 ug/l  
 RT: 6.04 min Scan# 469  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion: 96 Resp: 172528  
 Ion Ratio Lower Upper  
 96 100  
 61 124.1 0.0 251.6  
 98 62.8 0.0 129.2



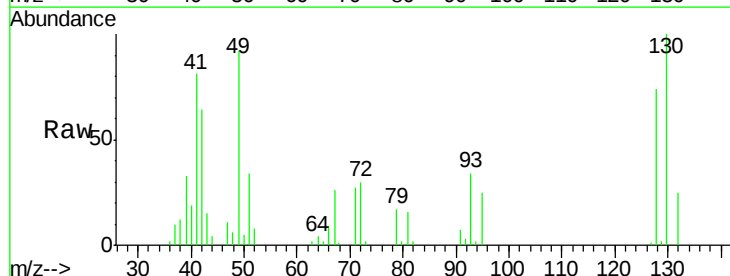
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



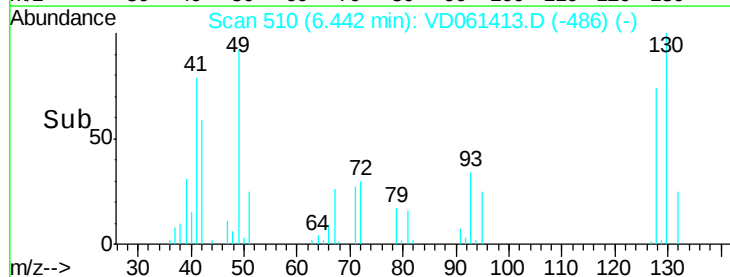
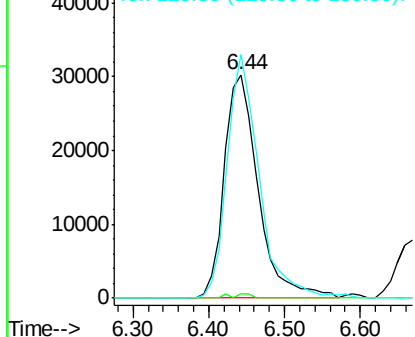
#28

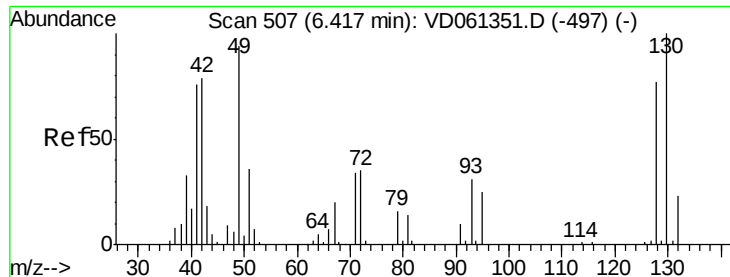
Bromochloromethane  
 Concen: 21.065 ug/l  
 RT: 6.44 min Scan# 510  
 Delta R.T. 0.03 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 49 Resp: 93912  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 0.0#  
 130 109.0 78.4 117.6



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

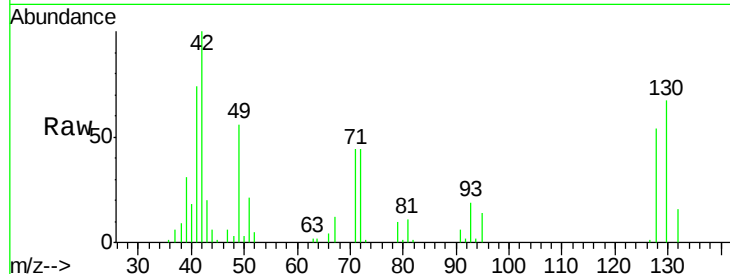




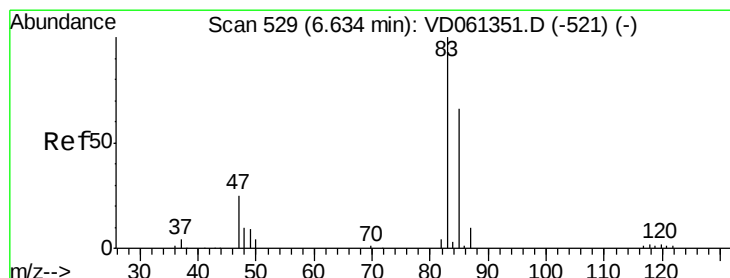
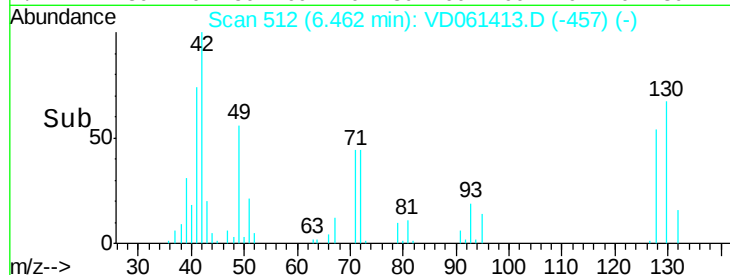
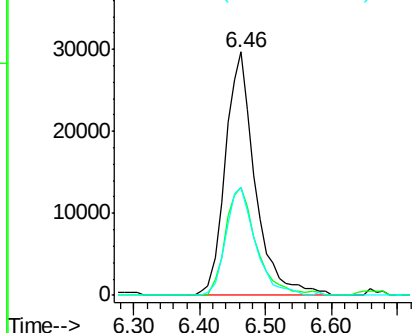
#29  
Tetrahydrofuran  
Concen: 118.249 ug/l  
RT: 6.46 min Scan# 512  
Delta R.T. 0.04 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 42 Resp: 93915  
Ion Ratio Lower Upper  
42 100  
72 46.1 37.4 56.0  
71 43.7 36.7 55.1

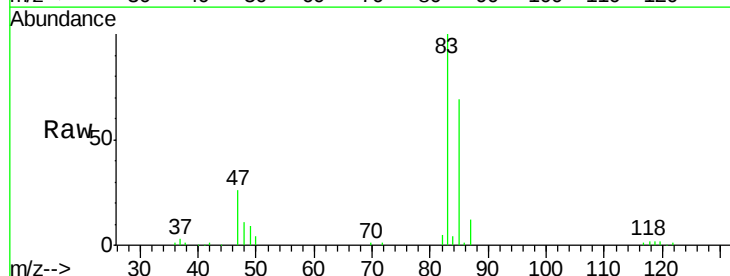


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

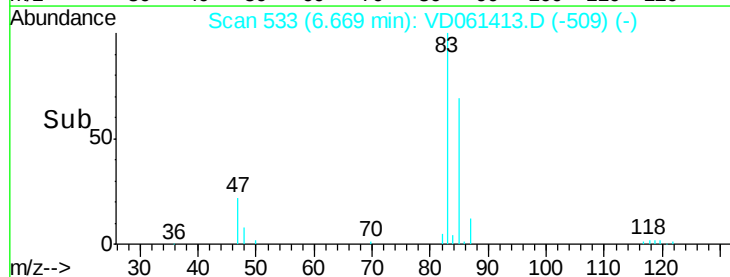
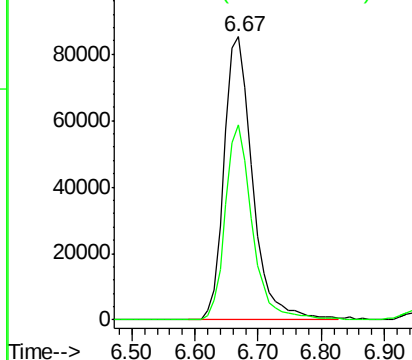


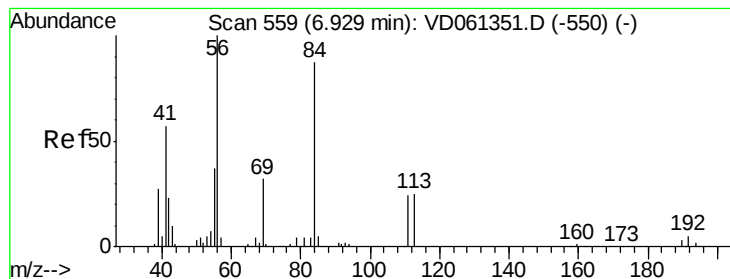
#30  
Chloroform  
Concen: 23.422 ug/l  
RT: 6.67 min Scan# 533  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 83 Resp: 267283  
Ion Ratio Lower Upper  
83 100  
85 69.0 53.0 79.4



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





#31

Cyclohexane

Concen: 22.613 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

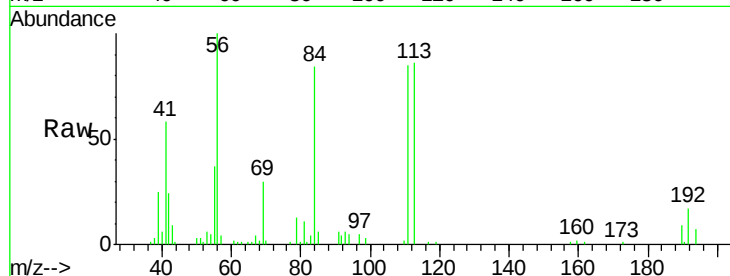
Tot Ion: 56 Resp: 197355

Ion Ratio Lower Upper

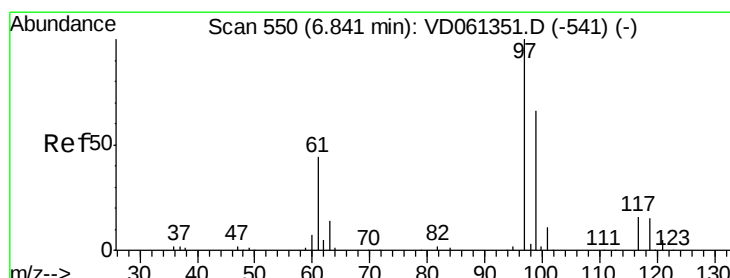
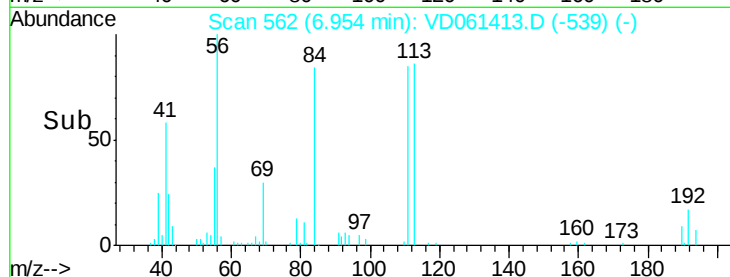
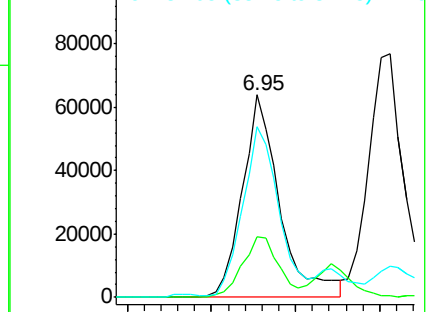
56 100

69 30.2 25.7 38.5

84 84.3 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 21.844 ug/l

RT: 6.88 min Scan# 554

Delta R.T. 0.03 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

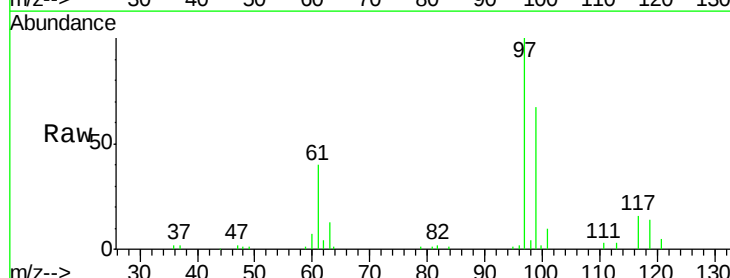
Tgt Ion: 97 Resp: 219916

Ion Ratio Lower Upper

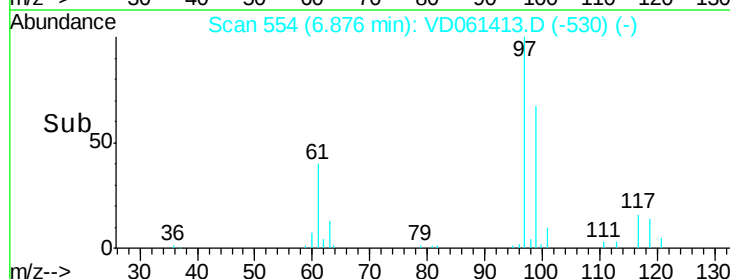
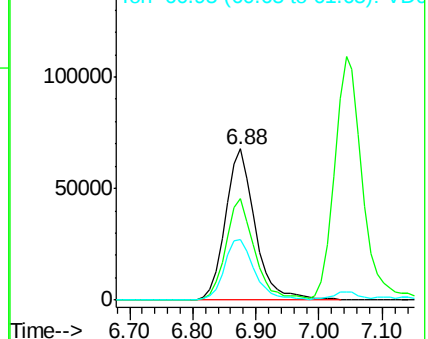
97 100

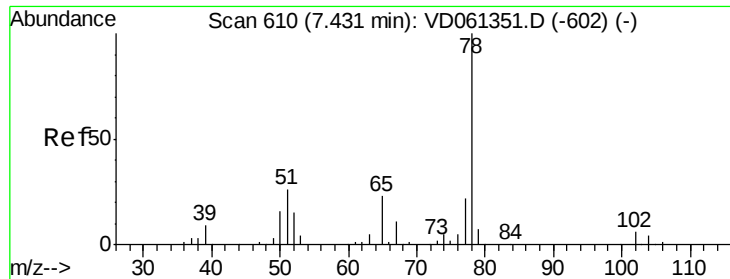
99 67.3 53.1 79.7

61 40.0 35.5 53.3



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





#33

1,2-Dichloroethane-d4

Concen: 21.844 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

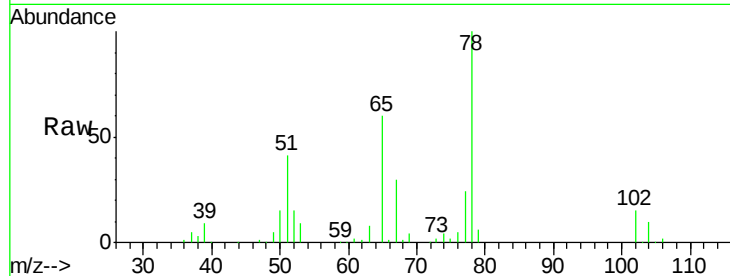
VD0328SBS02

Tot Ion: 65 Resp: 294379

Ion Ratio Lower Upper

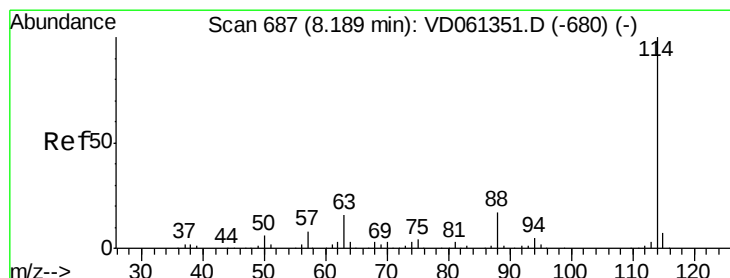
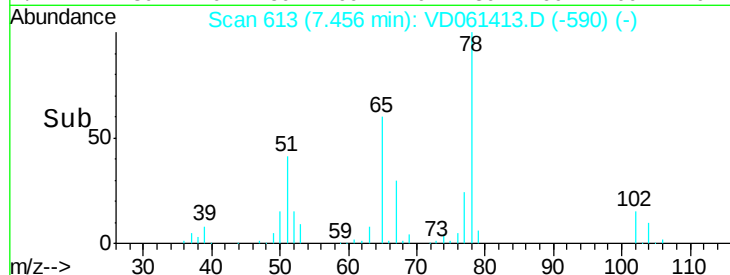
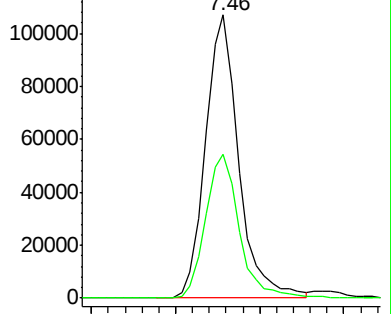
65 100

67 51.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

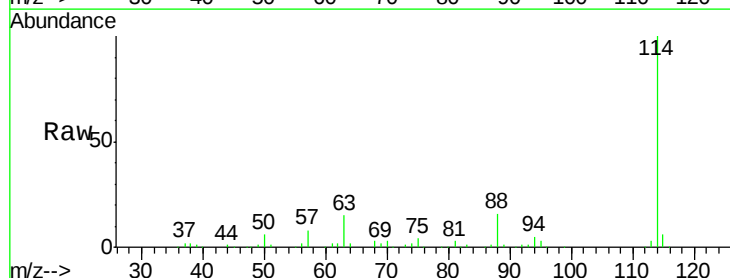
Tgt Ion: 114 Resp: 1074947

Ion Ratio Lower Upper

114 100

63 15.0 0.0 31.6

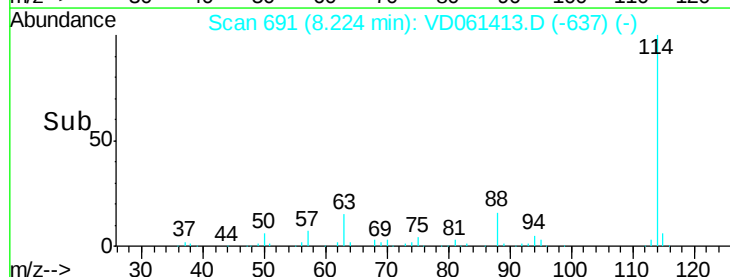
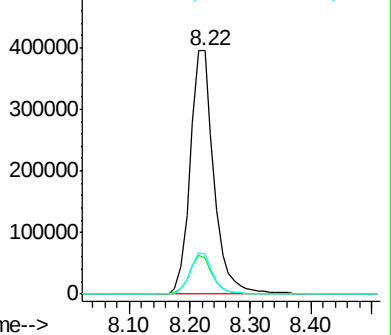
88 16.4 0.0 33.4

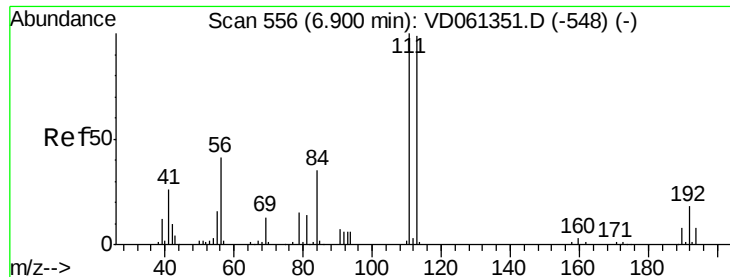


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

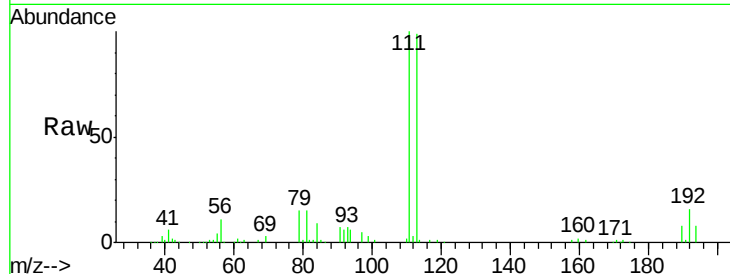




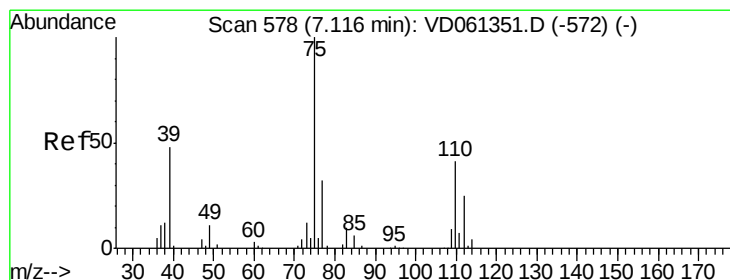
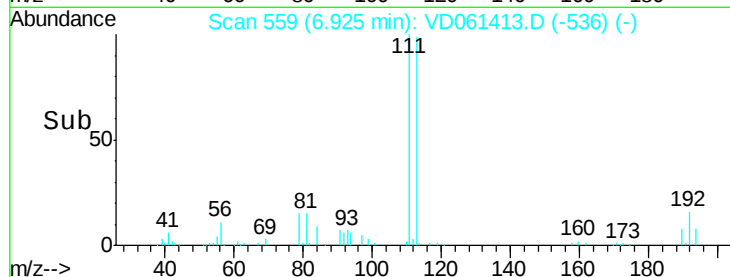
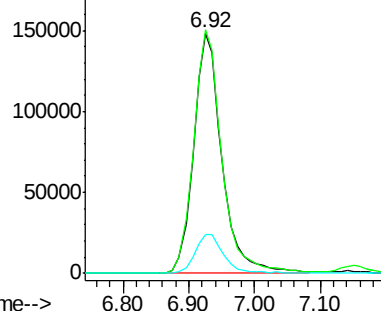
#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 6.92 min Scan# 559  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion:113 Resp: 443046  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.0 121.6  
192 16.1 14.4 21.6

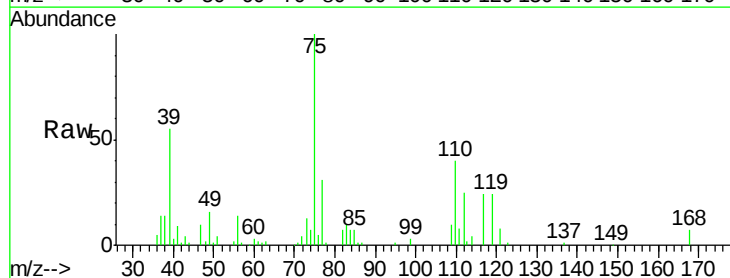


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

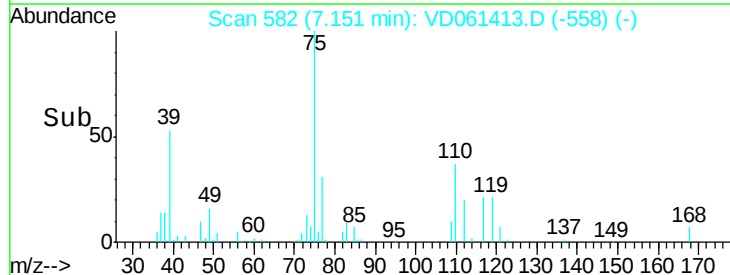
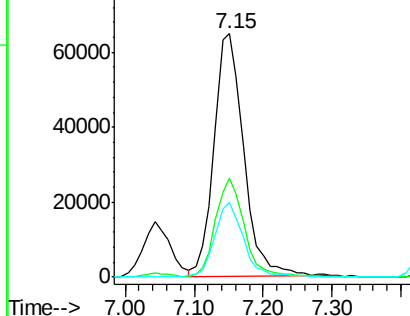


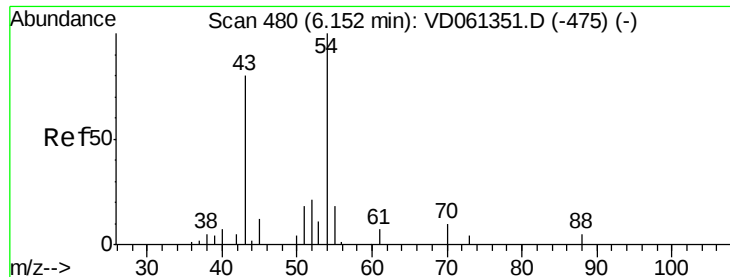
#36  
1,1-Dichloropropene  
Concen: 20.620 ug/l  
RT: 7.15 min Scan# 582  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 75 Resp: 193451  
Ion Ratio Lower Upper  
75 100  
110 40.4 20.4 61.3  
77 30.6 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): VDC

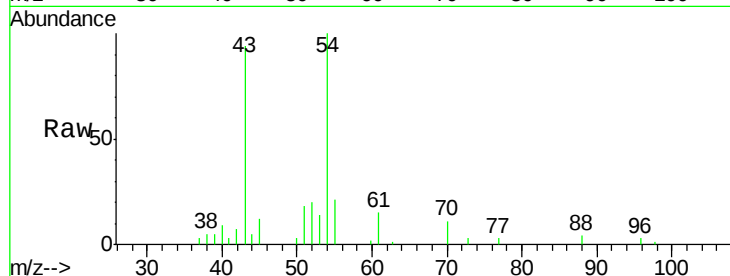




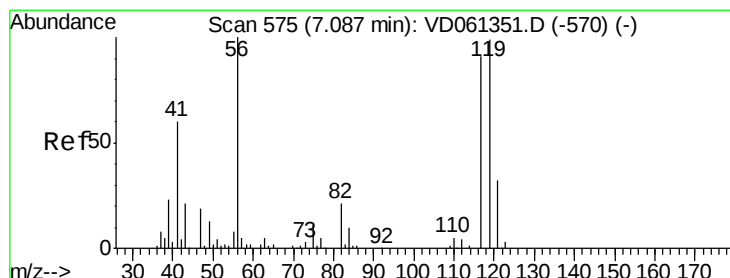
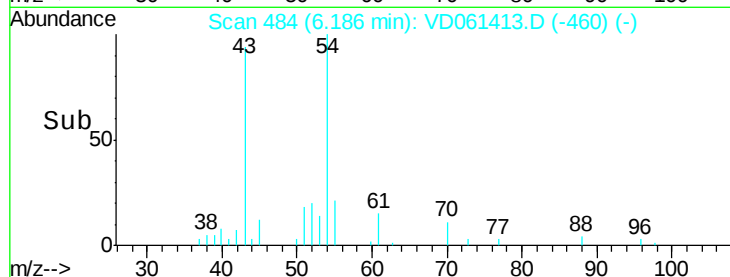
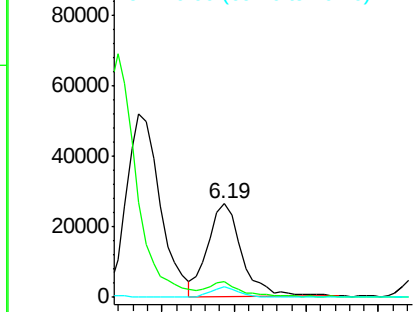
#37  
Ethyl Acetate  
Concen: 21.596 ug/l  
RT: 6.19 min Scan# 484  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 43 Resp: 86652  
Ion Ratio Lower Upper  
43 100  
61 16.5 13.8 20.8  
70 11.3 7.8 11.8

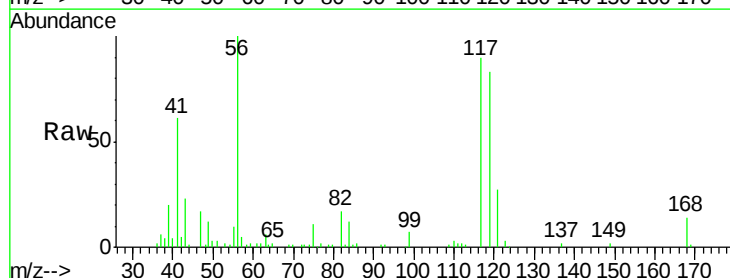


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

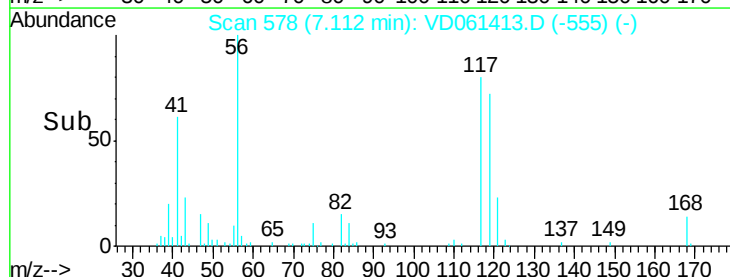
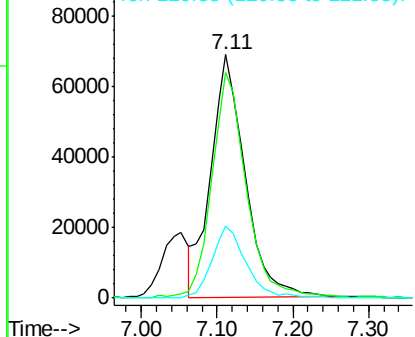


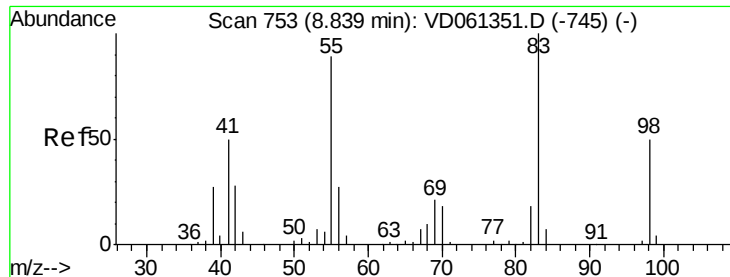
#38  
Carbon Tetrachloride  
Concen: 20.141 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 117 Resp: 217129  
Ion Ratio Lower Upper  
117 100  
119 92.8 80.1 120.1  
121 29.8 25.6 38.4



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

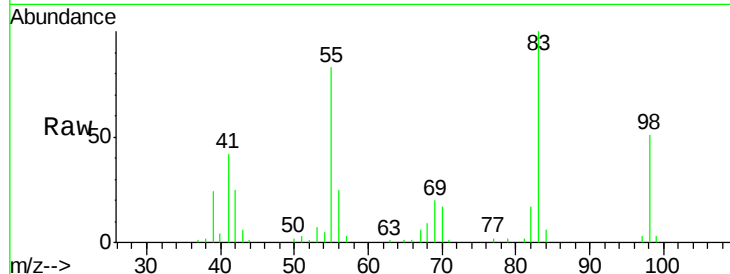




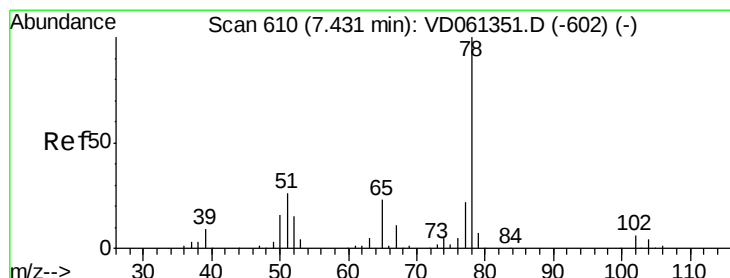
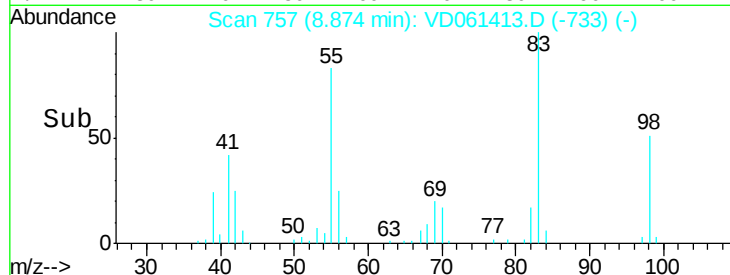
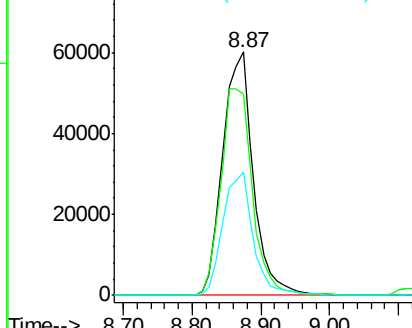
#39  
Methvlcvclohexane  
Concen: 18.884 ug/l  
RT: 8.87 min Scan# 757  
Delta R.T. 0.03 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 83 Resp: 184523  
Ion Ratio Lower Upper  
83 100  
55 82.9 71.5 107.3  
98 50.6 40.3 60.5

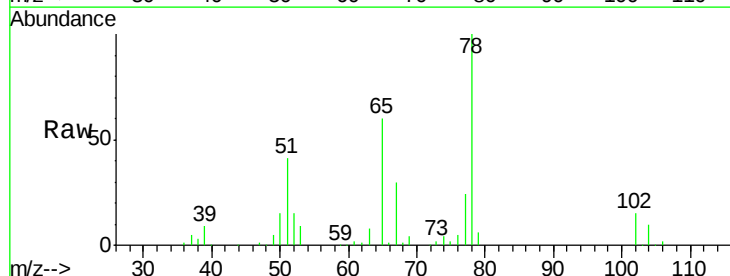


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

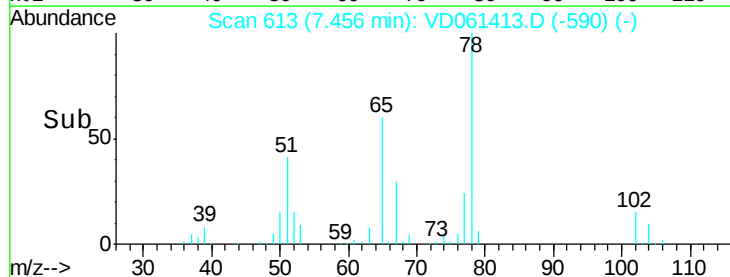
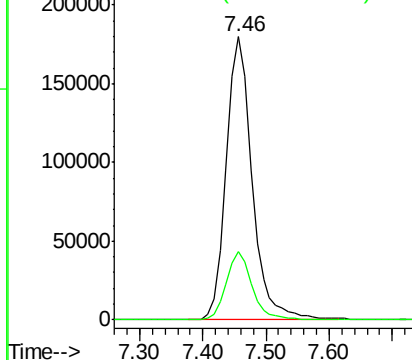


#40  
Benzene  
Concen: 21.695 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 78 Resp: 510832  
Ion Ratio Lower Upper  
78 100  
77 24.0 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 22.397 ug/l

RT: 6.44 min Scan# 510

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

Tot Ion: 41 Resp: 105073

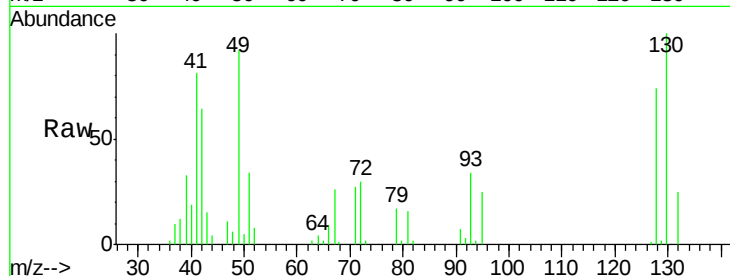
Ion Ratio Lower Upper

41 100

39 41.1 35.0 52.6

67 32.4 21.0 31.6#

52 10.2 7.7 11.5

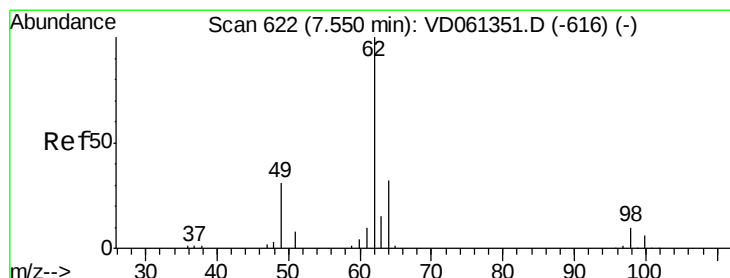
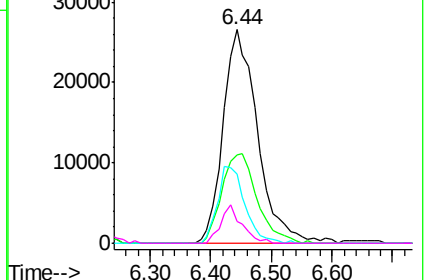
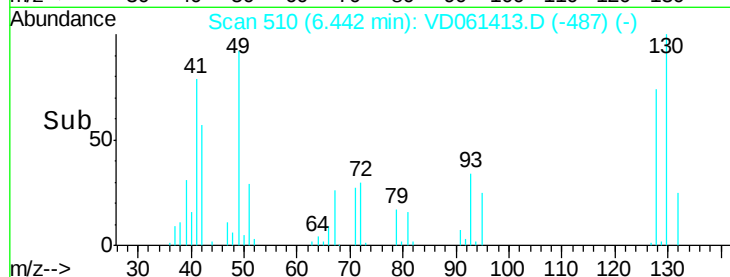


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.467 ug/l

RT: 7.57 min Scan# 625

Delta R.T. 0.02 min

Lab File: VD061413.D

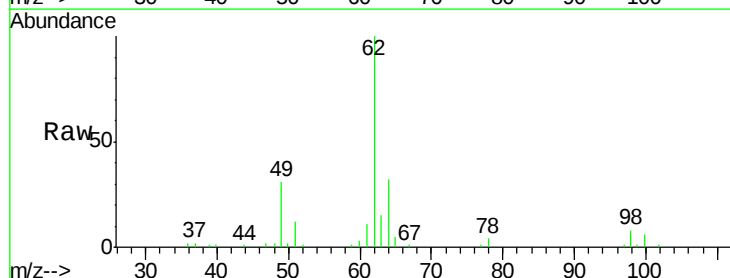
Acq: 29 Mar 2019 3:51

Tgt Ion: 62 Resp: 151194

Ion Ratio Lower Upper

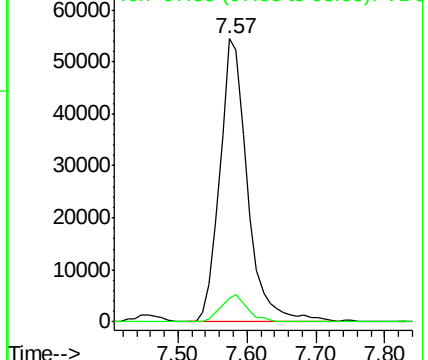
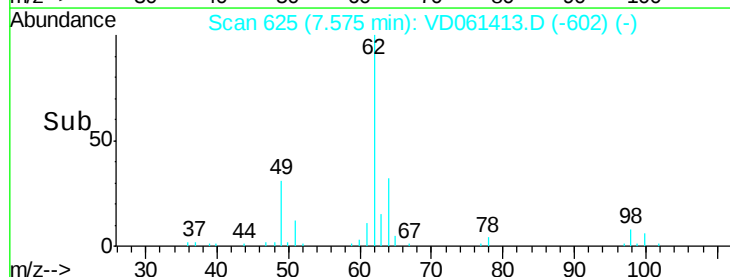
62 100

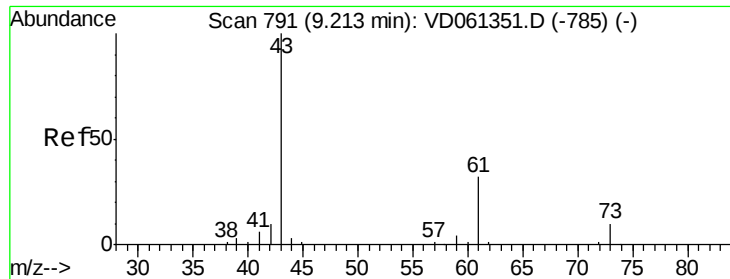
98 8.2 0.0 19.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

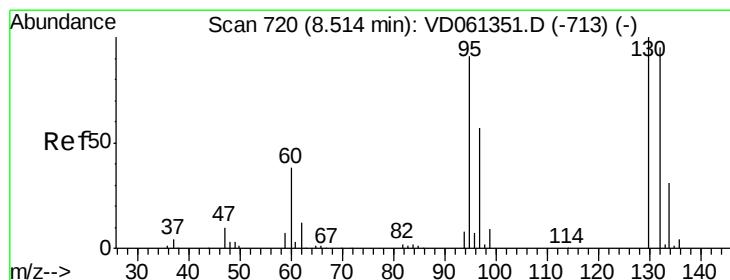
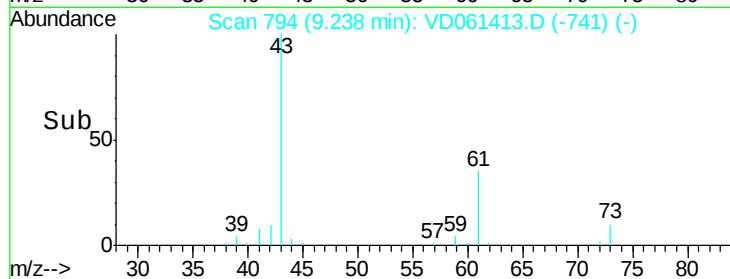
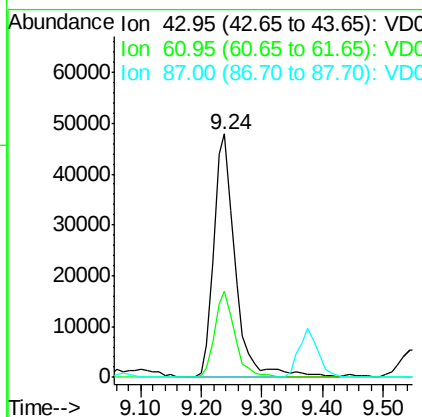
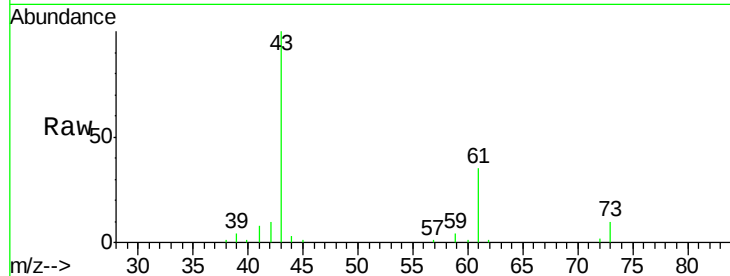




#43  
Isopropyl Acetate  
Concen: 20.303 ug/l  
RT: 9.24 min Scan# 794  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

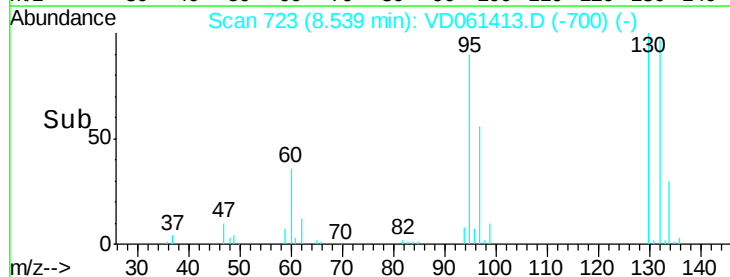
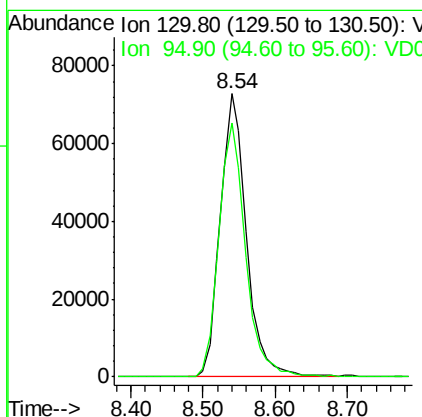
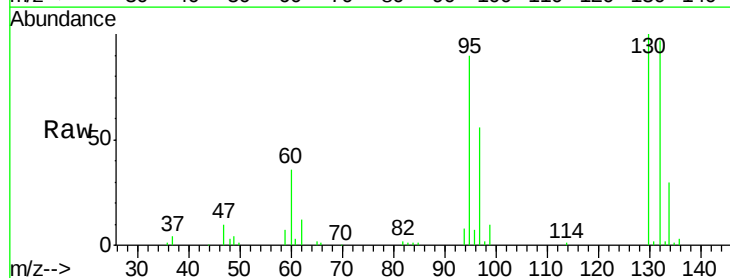
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

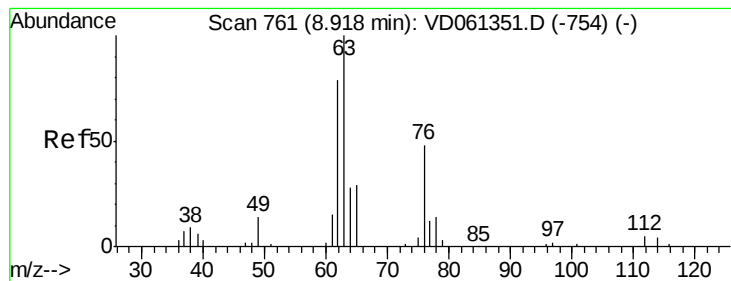
Tot Ion: 43 Resp: 118528  
Ion Ratio Lower Upper  
43 100  
61 35.3 25.8 38.6  
87 0.0 0.0 0.0



#44  
Trichloroethene  
Concen: 20.845 ug/l  
RT: 8.54 min Scan# 723  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 130 Resp: 182657  
Ion Ratio Lower Upper  
130 100  
95 89.9 0.0 181.4





#45

1,2-Dichloropropane

Concen: 21.520 ug/l

RT: 8.93 min Scan# 763

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

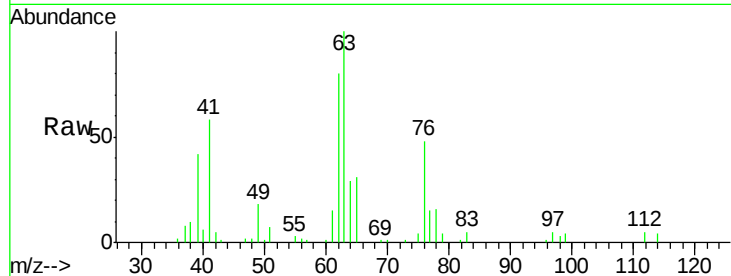
VD0328SBS02

Tot Ion: 63 Resp: 128489

Ion Ratio Lower Upper

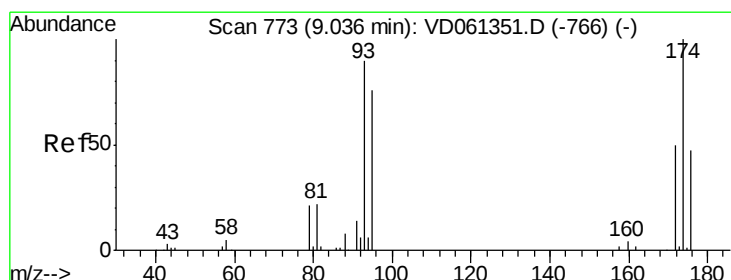
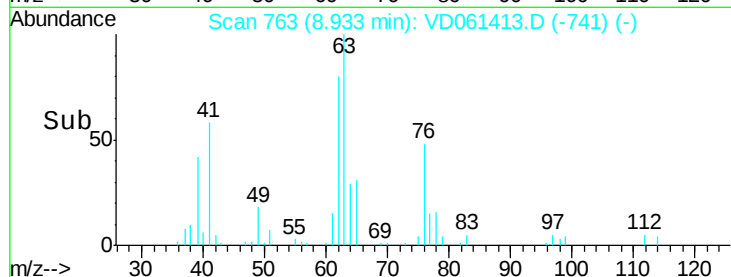
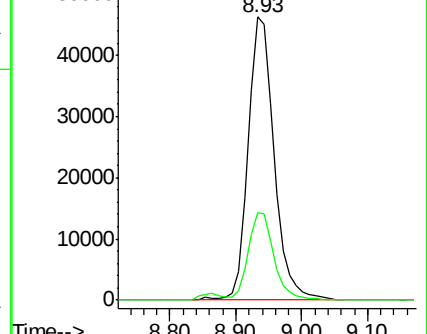
63 100

65 31.1 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 22.138 ug/l

RT: 9.06 min Scan# 776

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

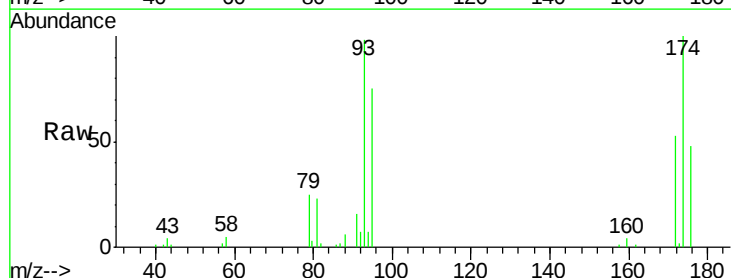
Tgt Ion: 93 Resp: 88963

Ion Ratio Lower Upper

93 100

95 76.8 67.4 101.0

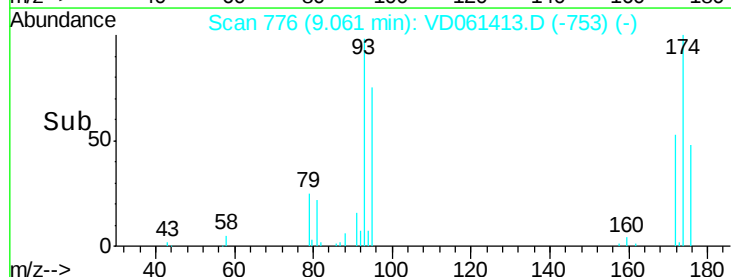
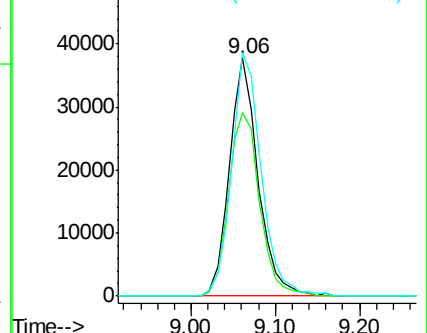
174 102.1 88.9 133.3



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 23.424 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

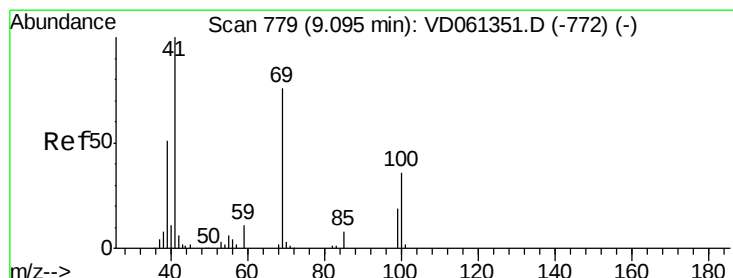
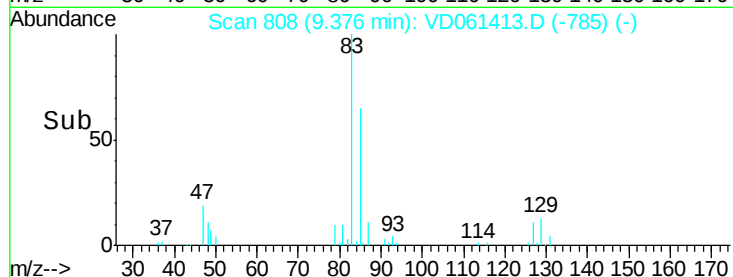
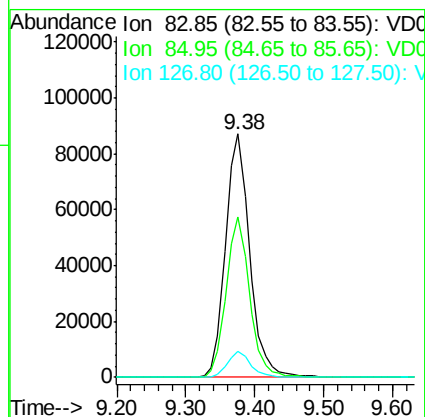
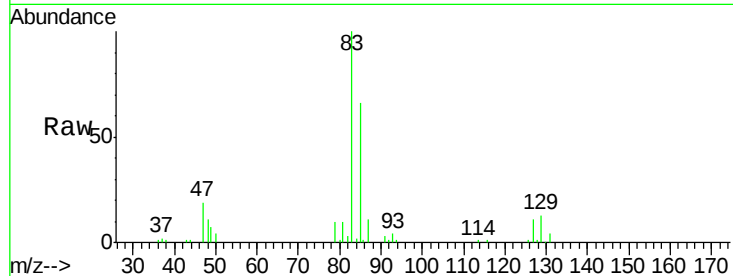
Tot Ion: 83 Resp: 211272

Ion Ratio Lower Upper

83 100

85 66.0 53.0 79.4

127 10.5 8.4 12.6



#48

Methyl methacrylate

Concen: 22.127 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

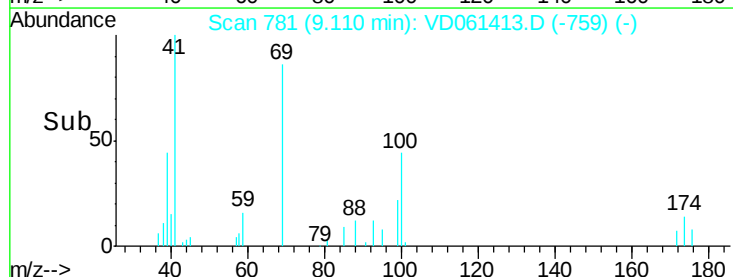
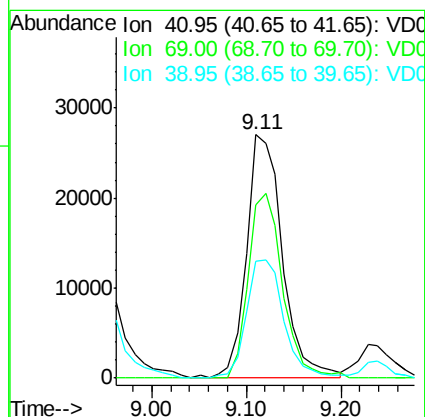
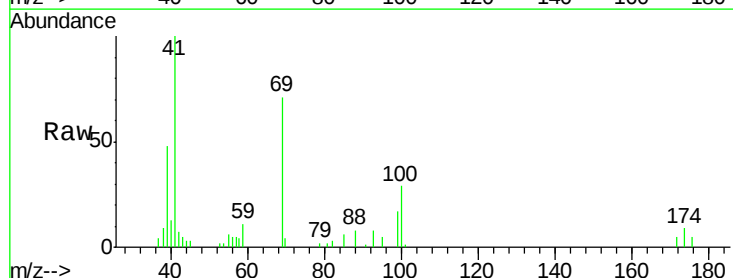
Tgt Ion: 41 Resp: 71290

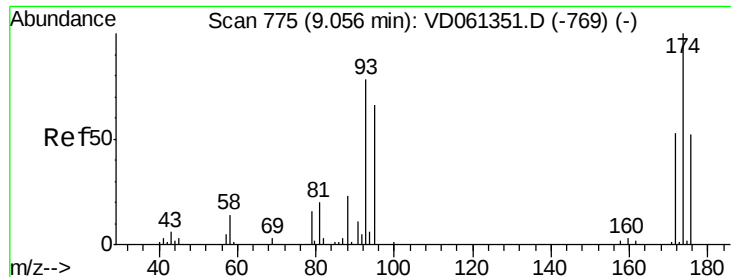
Ion Ratio Lower Upper

41 100

69 71.3 60.2 90.4

39 47.8 41.4 62.2

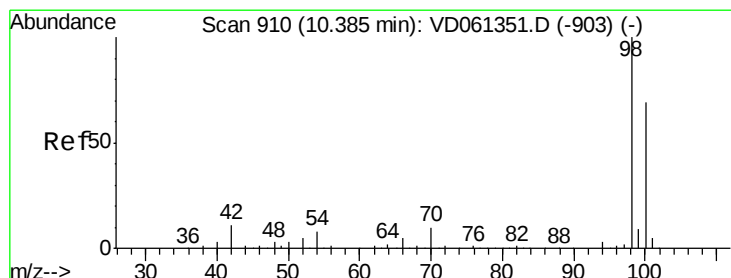
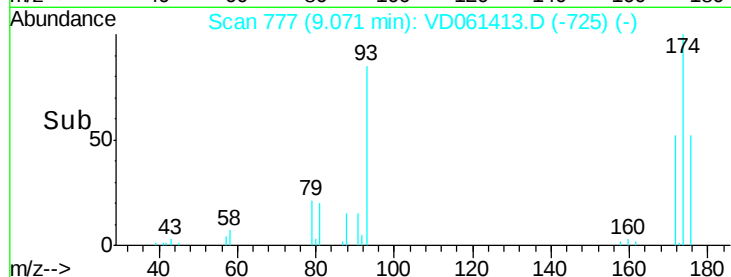
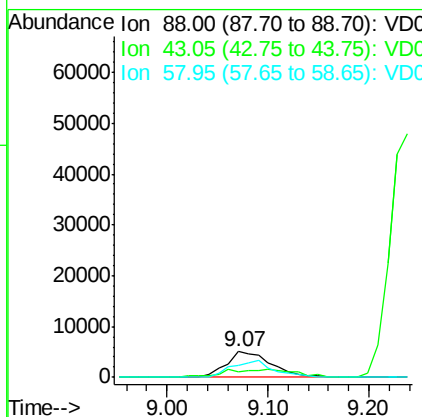
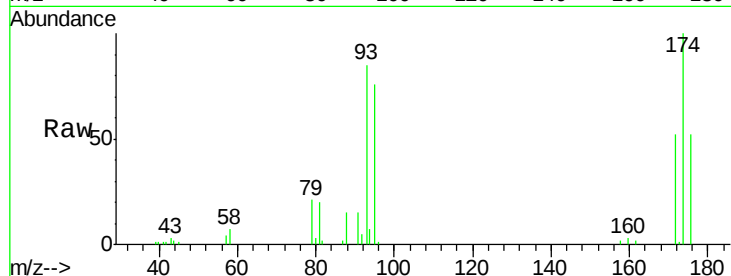




#49  
1,4-Dioxane  
Concen: 436.077 ug/l  
RT: 9.07 min Scan# 777  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

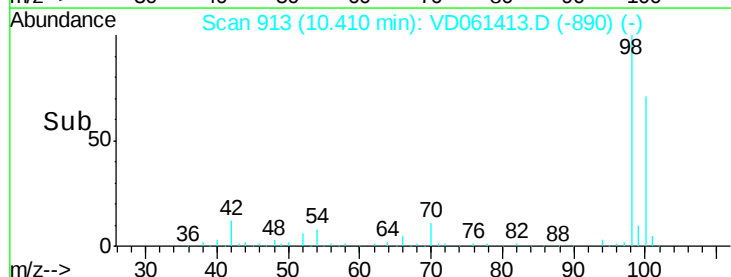
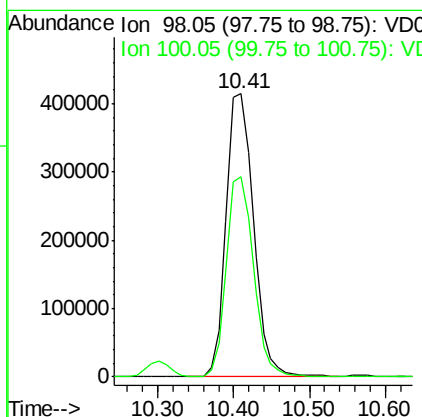
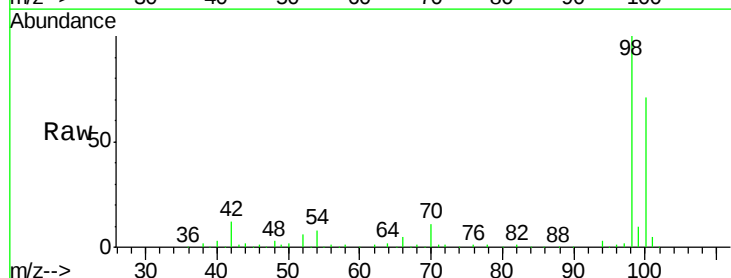
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

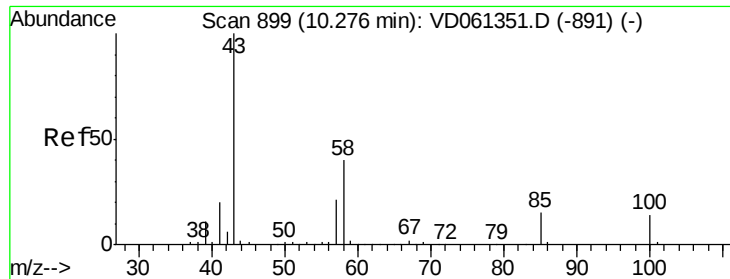
Tot Ion: 88 Resp: 15497  
Ion Ratio Lower Upper  
88 100  
43 33.2 23.3 34.9  
58 47.8 50.8 76.2#



#50  
Toluene-d8  
Concen: 436.077 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 98 Resp: 1042890  
Ion Ratio Lower Upper  
98 100  
100 70.7 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 114.558 ug/l

RT: 10.30 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

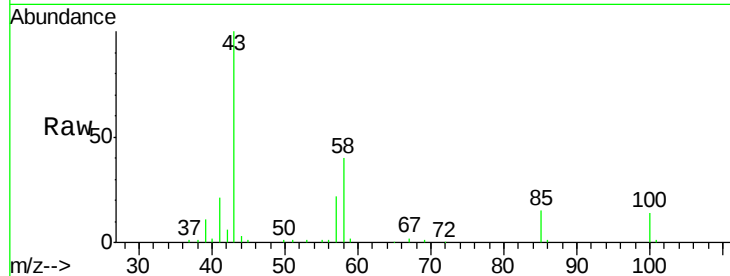
VD0328SBS02

Tot Ion: 43 Resp: 406884

Ion Ratio Lower Upper

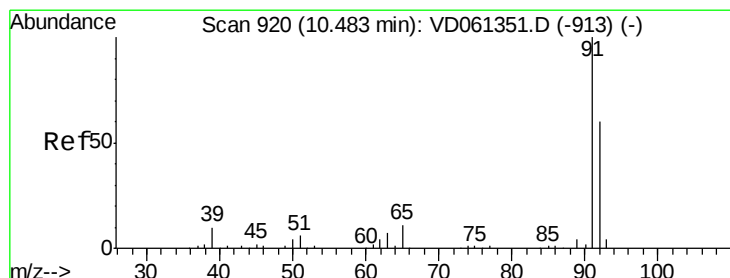
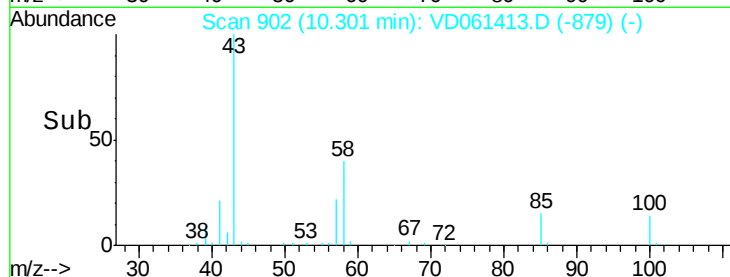
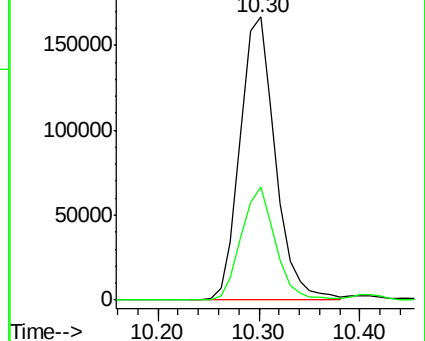
43 100

58 40.1 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 22.545 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.02 min

Lab File: VD061413.D

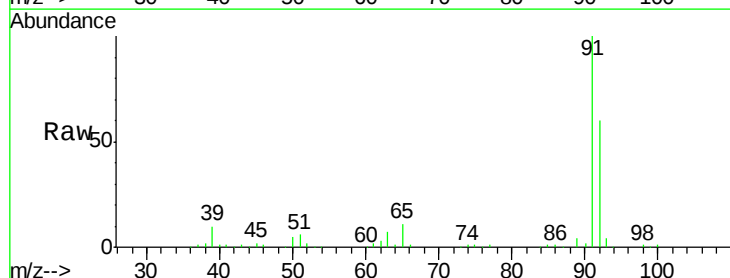
Acq: 29 Mar 2019 3:51

Tgt Ion: 92 Resp: 323847

Ion Ratio Lower Upper

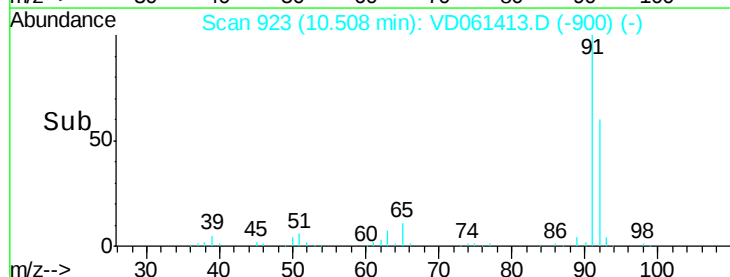
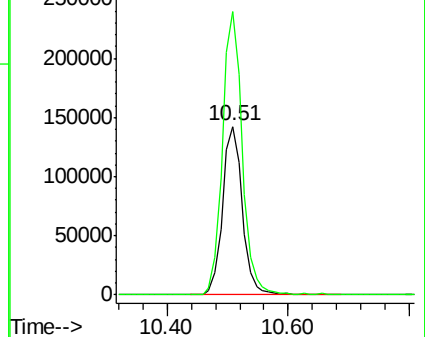
92 100

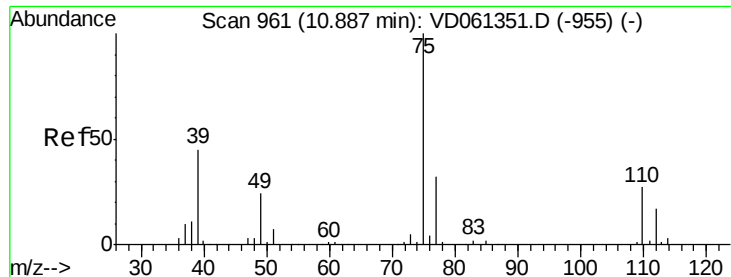
91 167.8 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

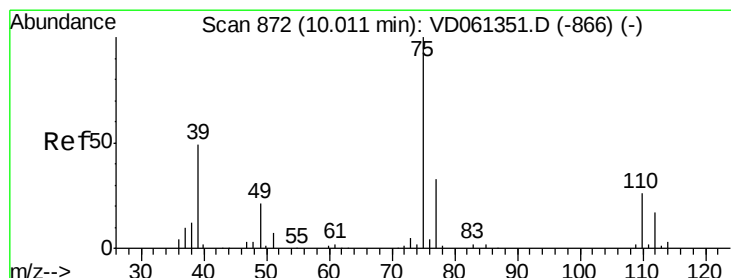
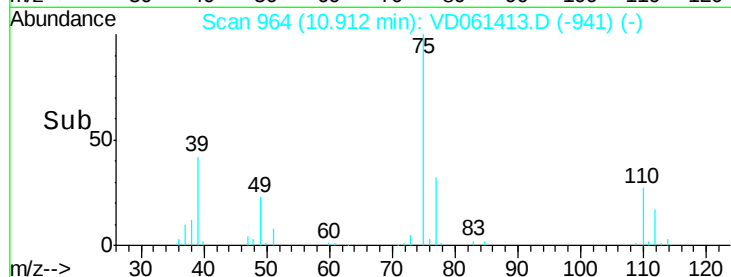
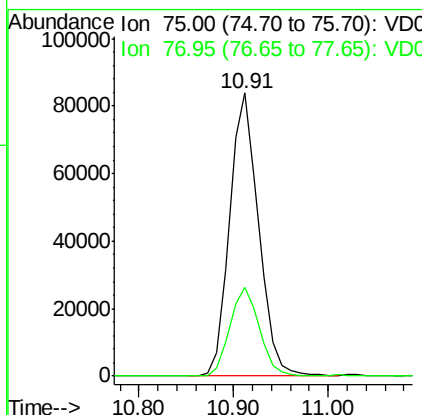
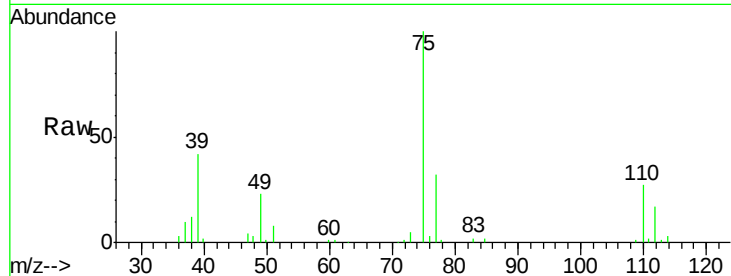




#53  
t-1,3-Dichloropropene  
Concen: 21.576 ug/l  
RT: 10.91 min Scan# 964  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

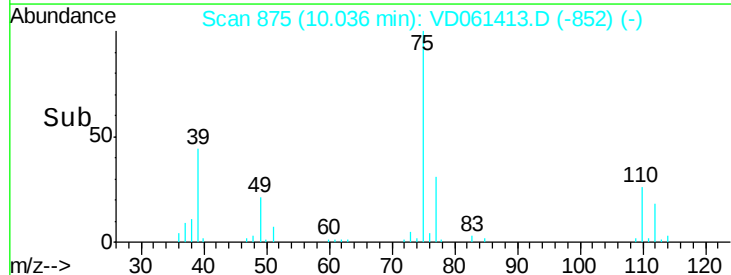
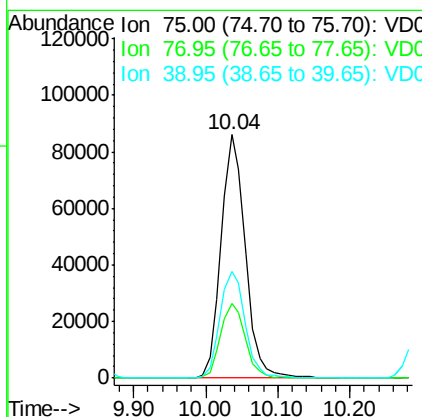
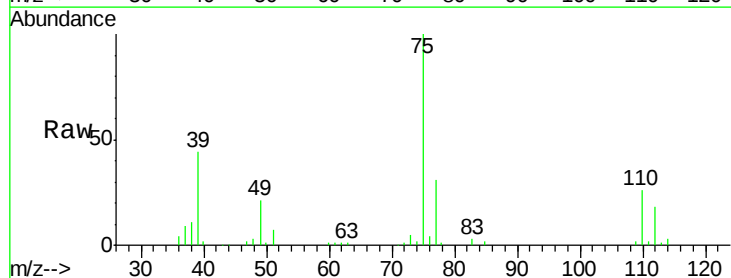
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

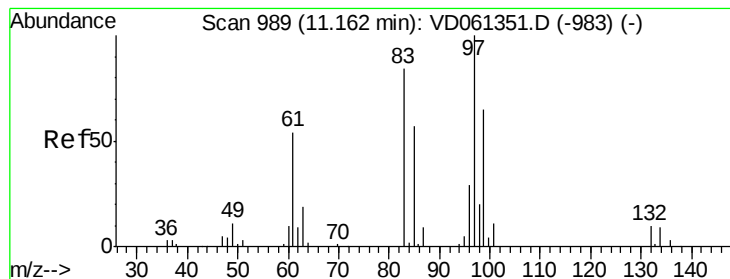
Tot Ion: 75 Resp: 176812  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 19.999 ug/l  
RT: 10.04 min Scan# 875  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 75 Resp: 199563  
Ion Ratio Lower Upper  
75 100  
77 30.6 26.2 39.4  
39 44.0 39.4 59.0





#55

1,1,2-Trichloroethane

Concen: 23.531 ug/l

RT: 11.19 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

Tot Ion: 97 Resp: 118210

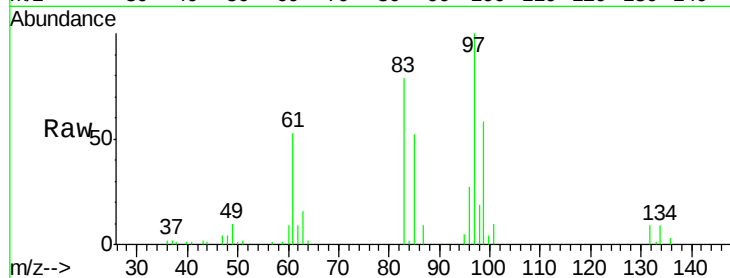
Ion Ratio Lower Upper

97 100

83 78.7 67.0 100.6

85 52.4 45.4 68.2

99 58.3 51.9 77.9

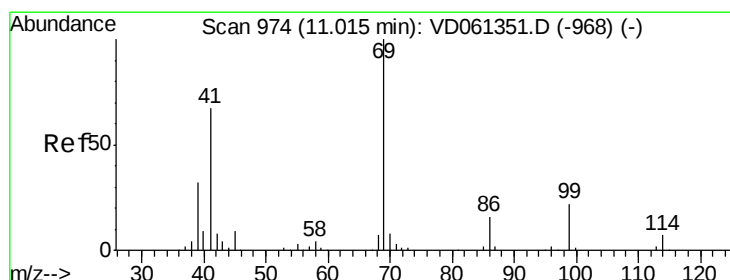
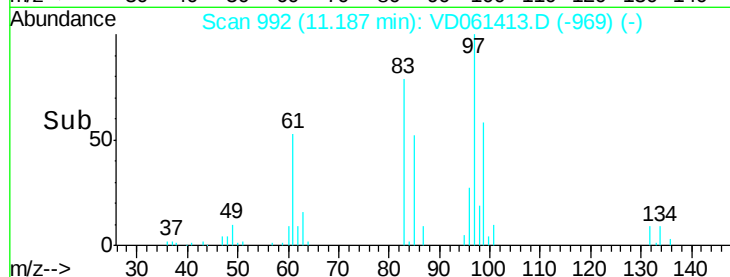
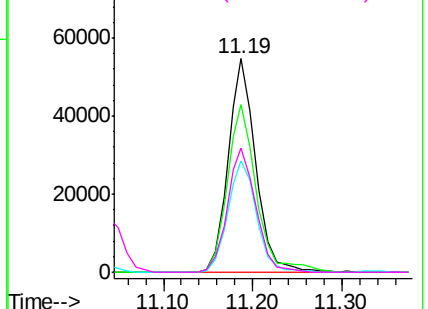


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.854 ug/l

RT: 11.04 min Scan# 977

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

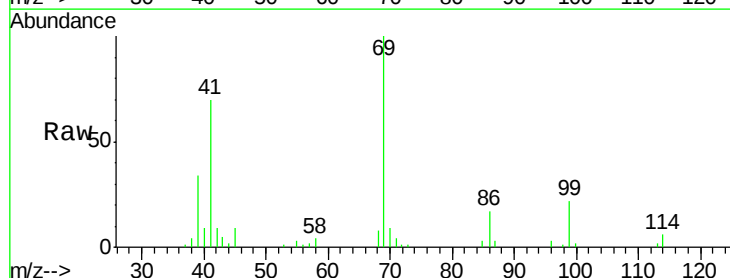
Tgt Ion: 69 Resp: 117943

Ion Ratio Lower Upper

69 100

41 70.0 53.8 80.6

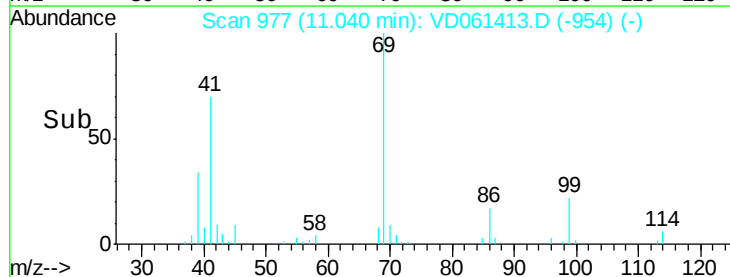
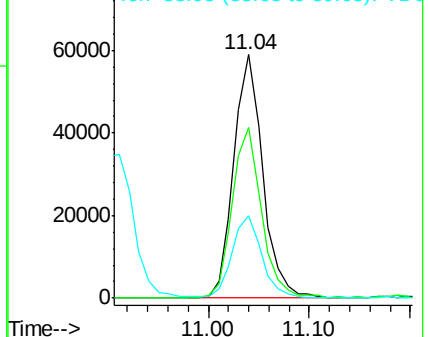
39 33.8 26.4 39.6

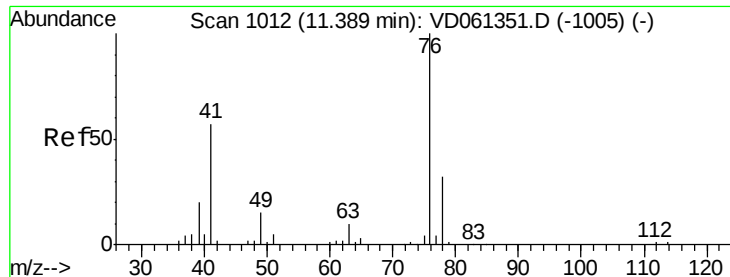


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

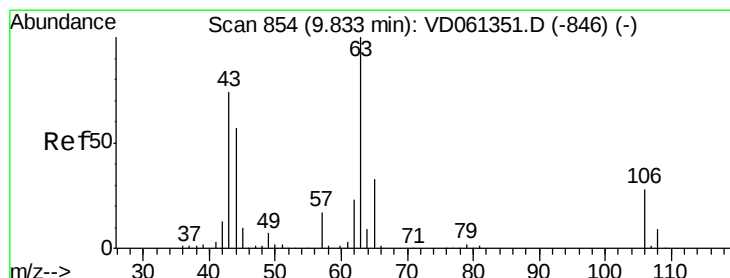
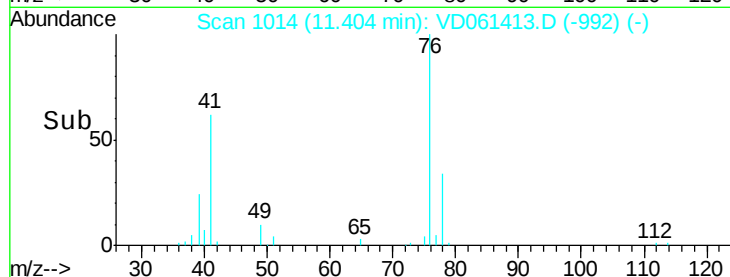
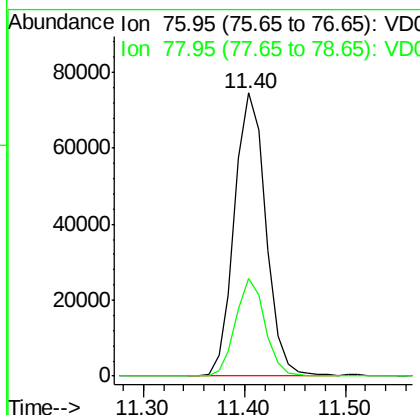
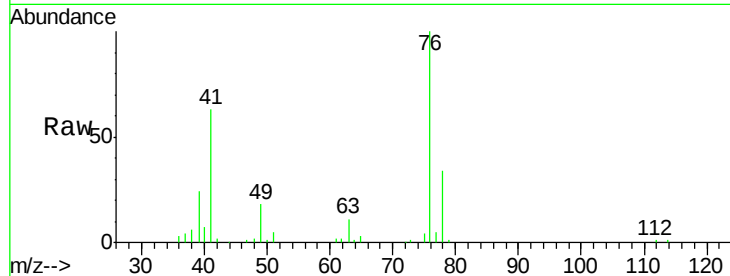




#57  
 1,3-Dichloropropane  
 Concen: 21.914 ug/l  
 RT: 11.40 min Scan# 1014  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

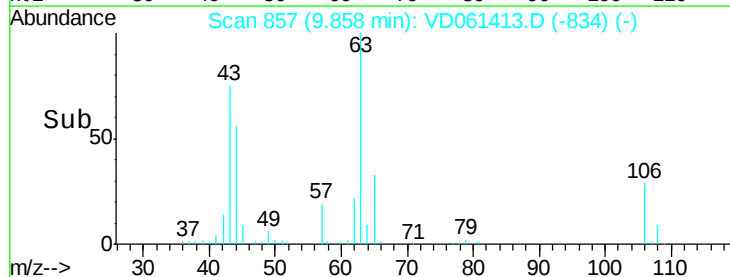
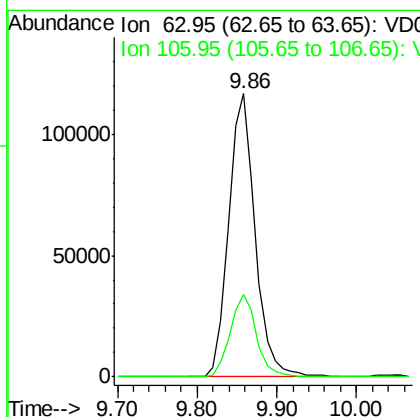
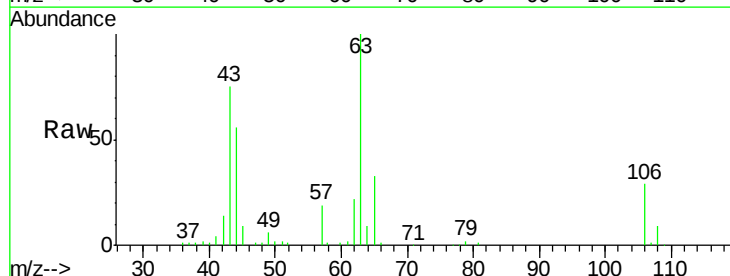
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion: 76 Resp: 161807  
 Ion Ratio Lower Upper  
 76 100  
 78 34.5 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 103.261 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 63 Resp: 271390  
 Ion Ratio Lower Upper  
 63 100  
 106 29.0 22.4 33.6

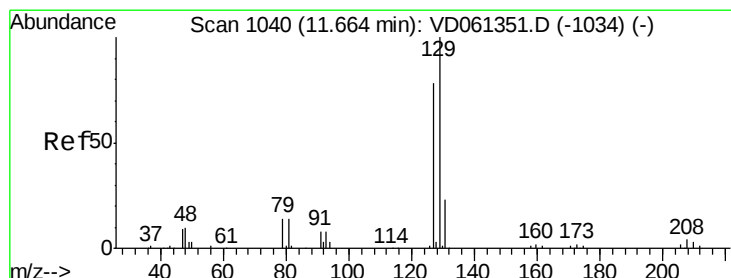
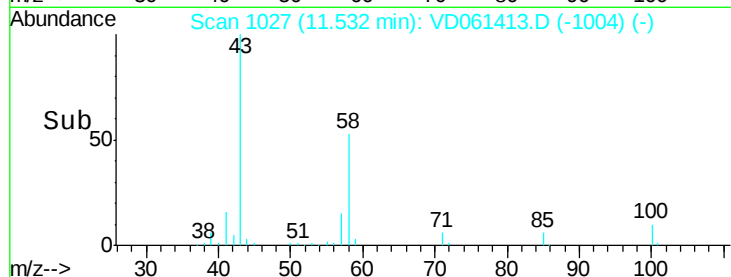
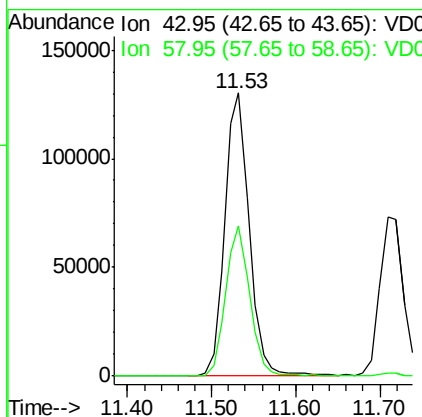
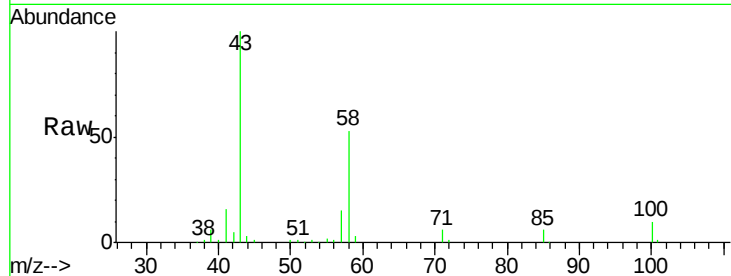




#59  
2-Hexanone  
Concen: 101.617 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

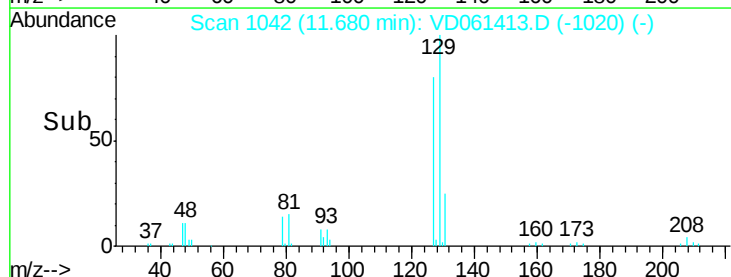
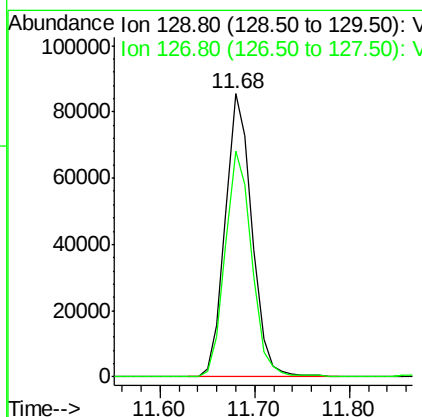
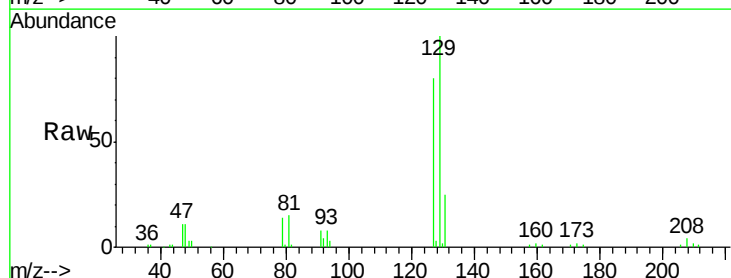
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 43 Resp: 261498  
Ion Ratio Lower Upper  
43 100  
58 53.0 26.3 78.9



#60  
Dibromochloromethane  
Concen: 21.565 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 129 Resp: 167009  
Ion Ratio Lower Upper  
129 100  
127 79.8 39.0 116.9

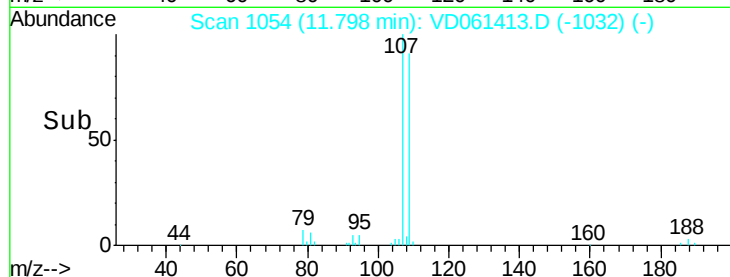
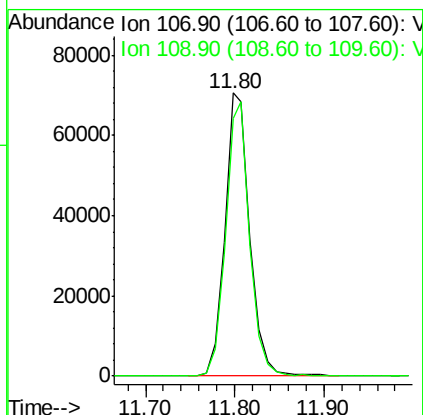
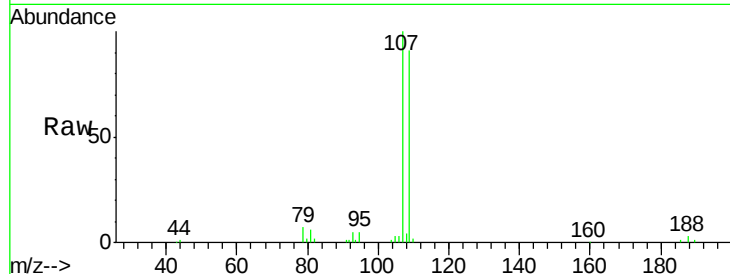




#61  
 1,2-Dibromoethane  
 Concen: 23.733 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

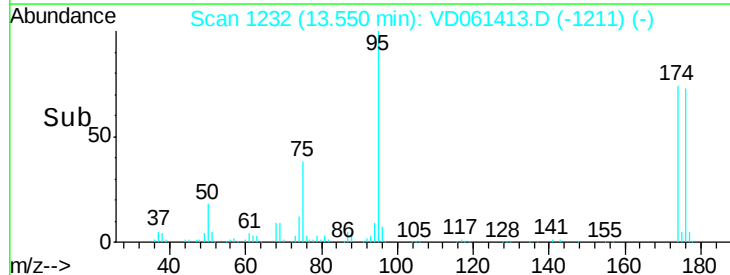
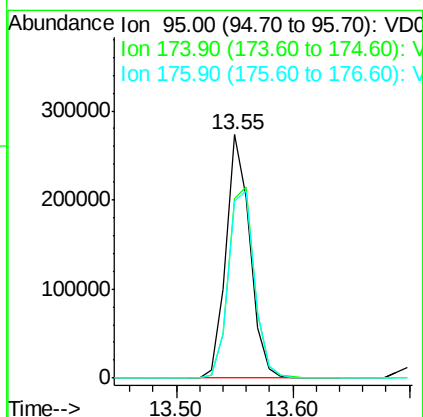
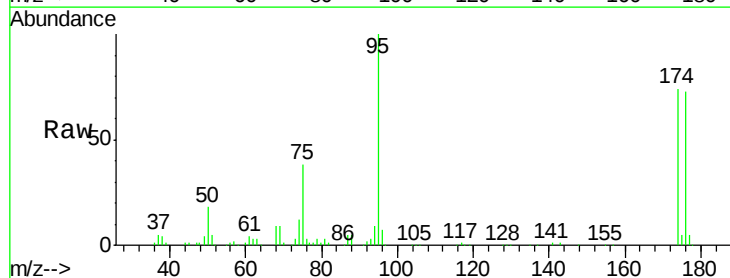
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion: 107 Resp: 138058  
 Ion Ratio Lower Upper  
 107 100  
 109 91.2 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 23.733 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.01 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 95 Resp: 387937  
 Ion Ratio Lower Upper  
 95 100  
 174 74.0 0.0 178.0  
 176 72.5 0.0 175.0

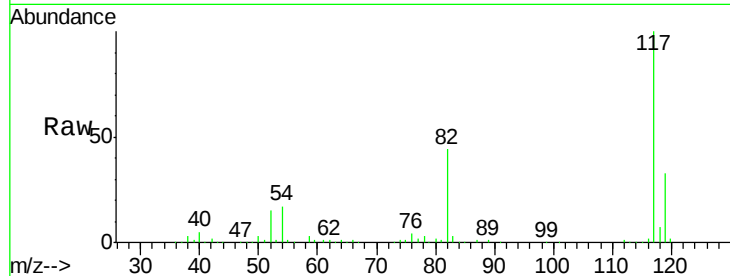




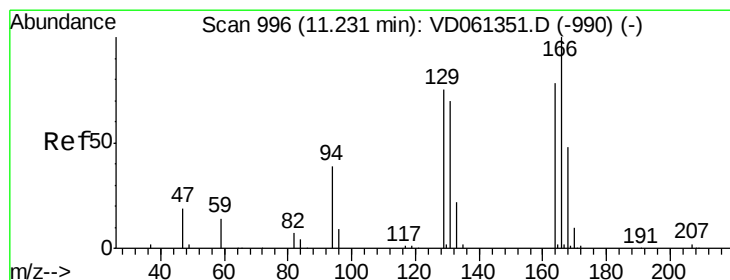
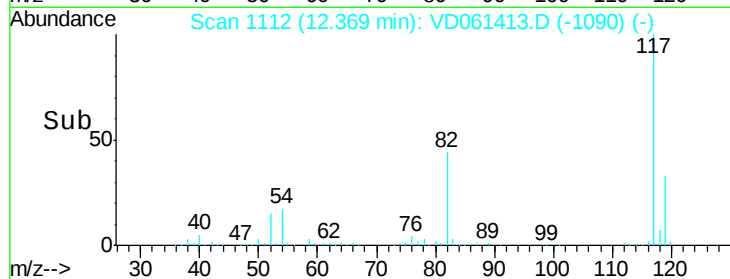
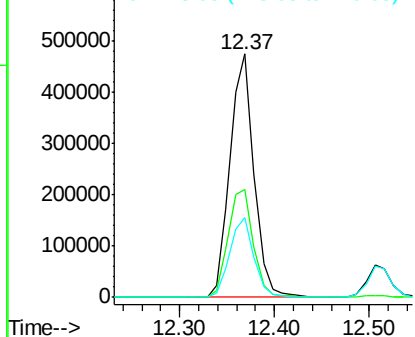
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion:117 Resp: 836474  
Ion Ratio Lower Upper  
117 100  
82 44.2 34.4 51.6  
119 32.6 25.8 38.6

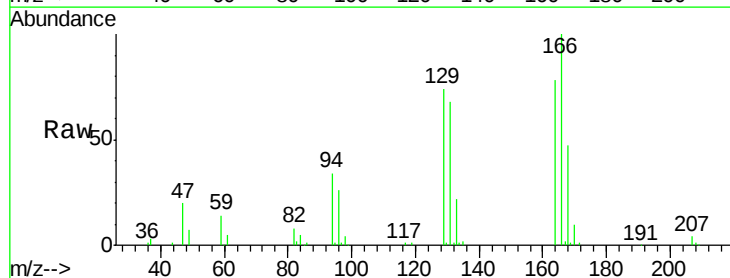


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

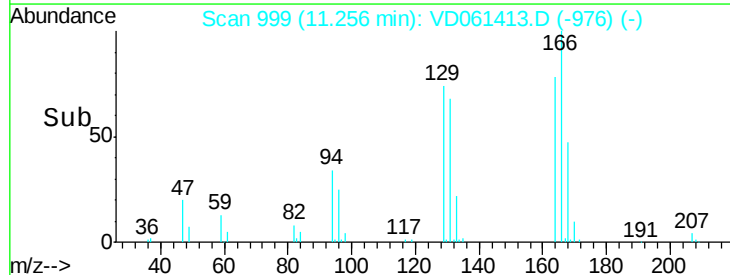
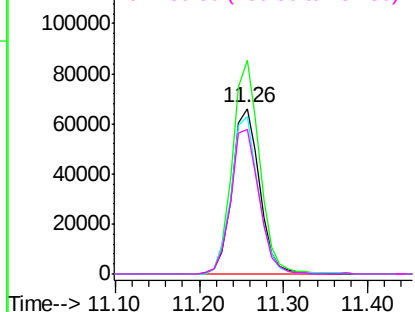


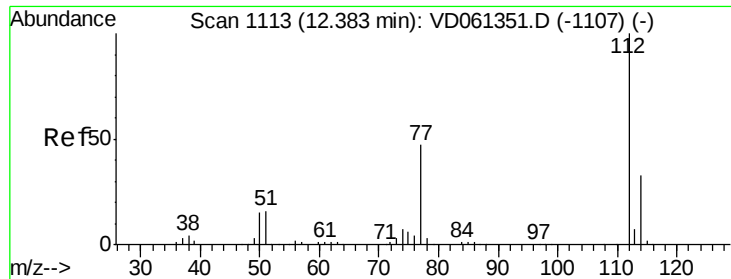
#64  
Tetrachloroethene  
Concen: 22.855 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion:164 Resp: 150040  
Ion Ratio Lower Upper  
164 100  
166 128.9 102.4 153.6  
129 94.8 76.8 115.2  
131 87.1 71.8 107.6



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

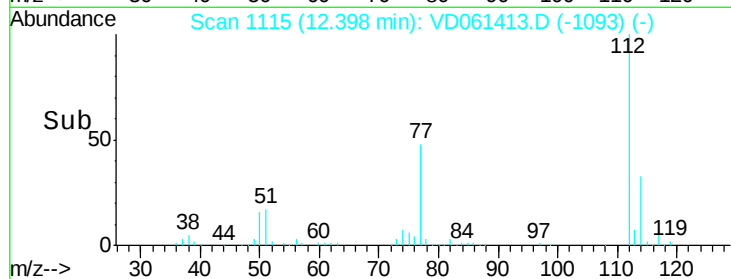
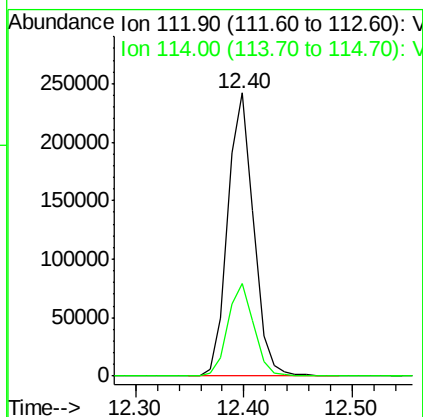
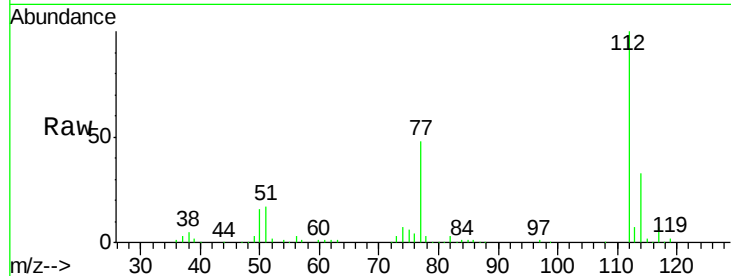




#65  
Chlorobenzene  
Concen: 23.535 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

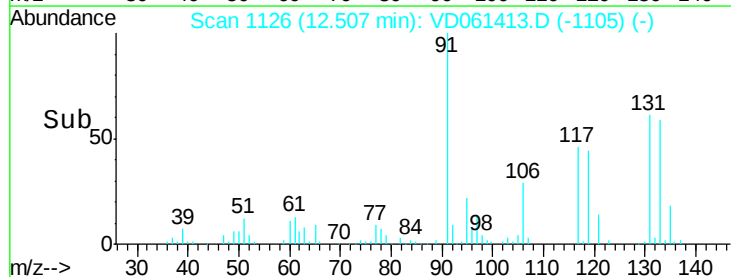
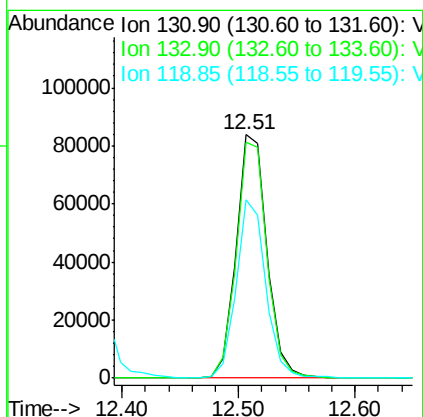
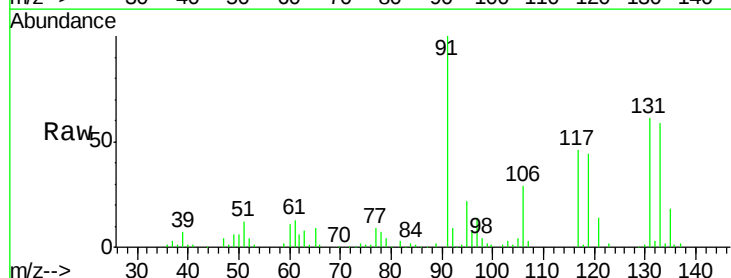
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion:112 Resp: 402322  
Ion Ratio Lower Upper  
112 100  
114 32.6 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.054 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion:131 Resp: 152595  
Ion Ratio Lower Upper  
131 100  
133 96.9 49.4 148.2  
119 73.1 34.1 102.2

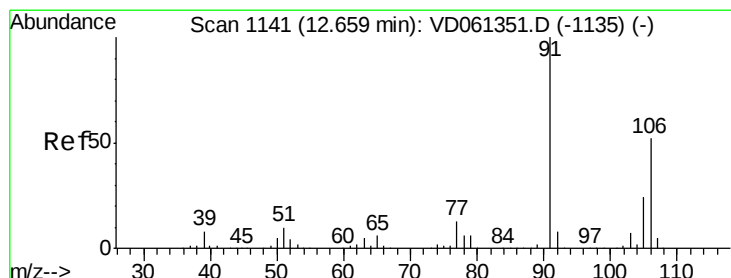
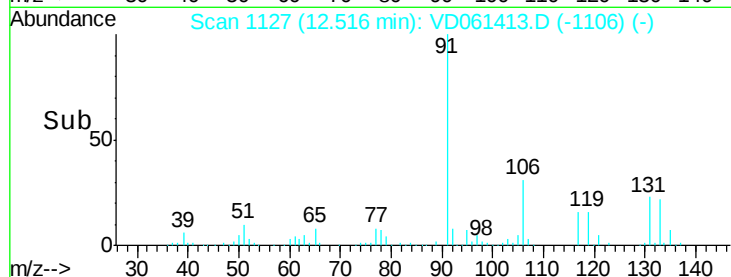
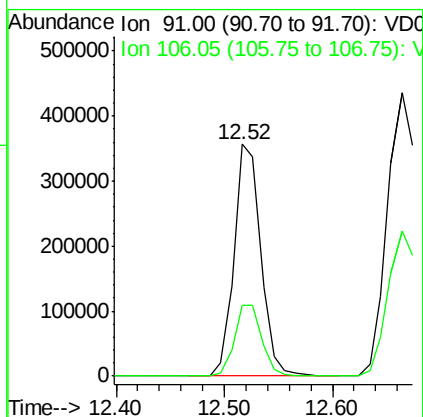
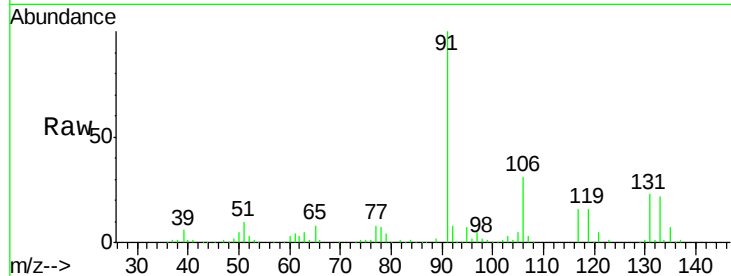




#67  
Ethyl Benzene  
Concen: 23.505 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

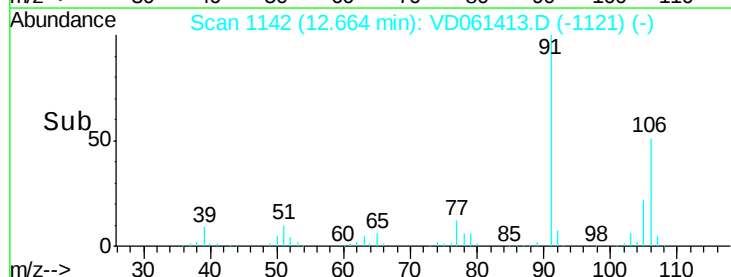
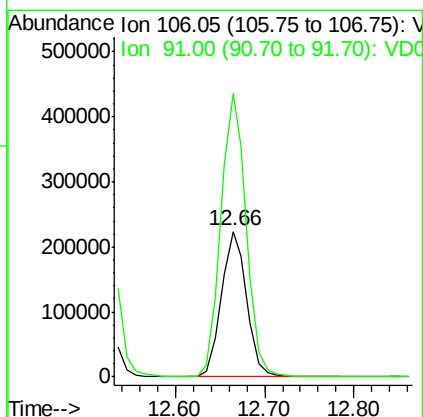
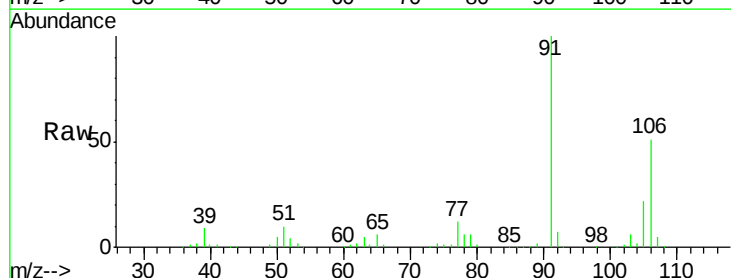
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 91 Resp: 613316  
Ion Ratio Lower Upper  
91 100  
106 30.6 26.1 39.1



#68  
m/p-Xylenes  
Concen: 45.050 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 106 Resp: 445281  
Ion Ratio Lower Upper  
106 100  
91 194.9 153.1 229.7

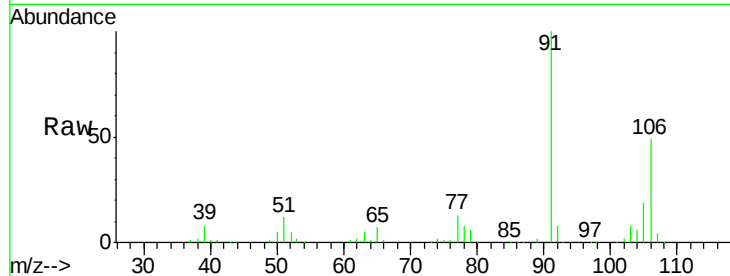




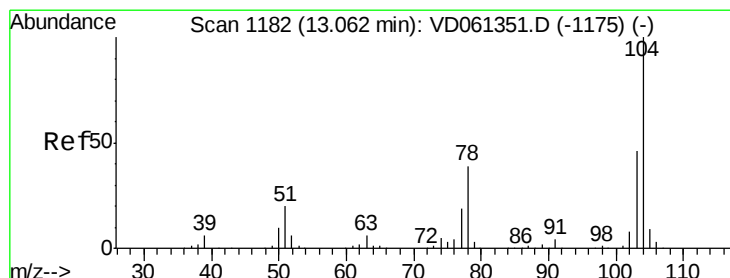
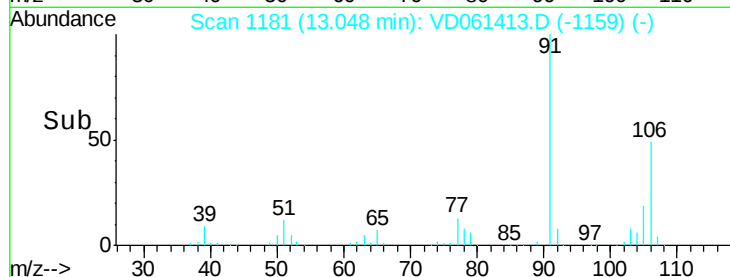
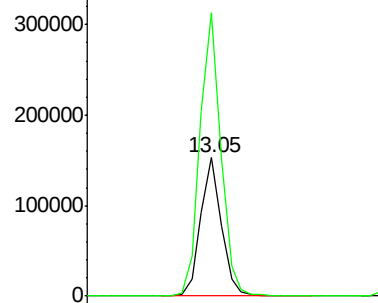
#69  
o-Xylene  
Concen: 22.653 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion:106 Resp: 217281  
Ion Ratio Lower Upper  
106 100  
91 204.4 103.8 311.3

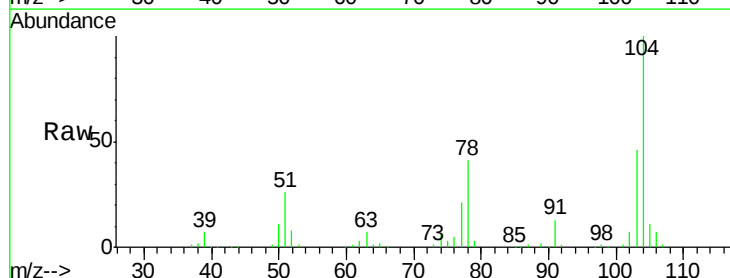


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

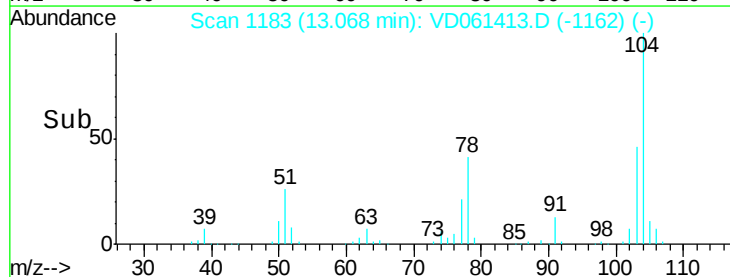
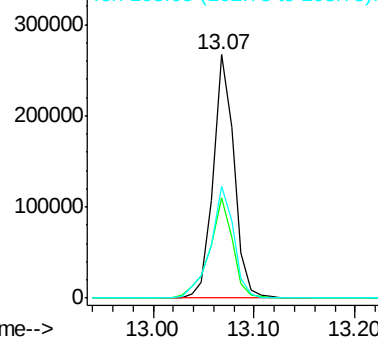


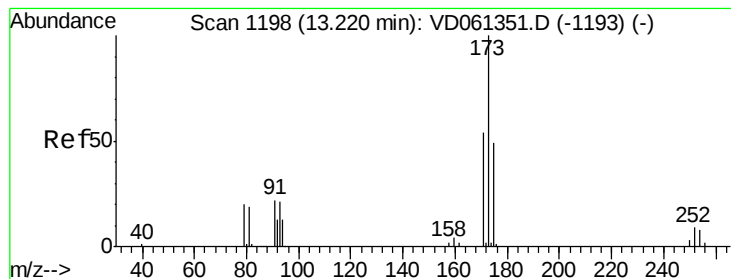
#70  
Styrene  
Concen: 22.986 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion:104 Resp: 384332  
Ion Ratio Lower Upper  
104 100  
78 41.0 31.0 46.6  
103 46.2 37.0 55.4



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





#71

Bromoform

Concen: 21.782 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

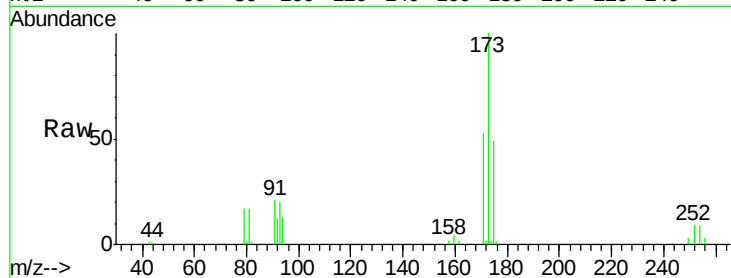
Tot Ion:173 Resp: 91392

Ion Ratio Lower Upper

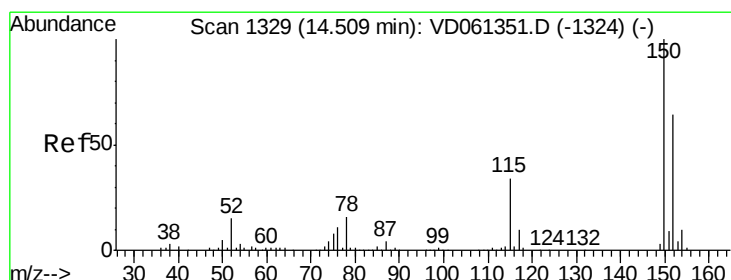
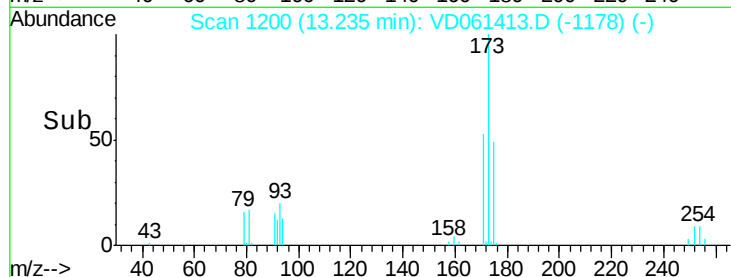
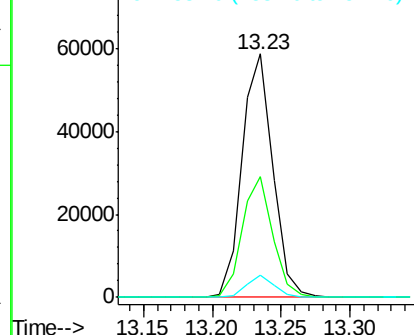
173 100

175 49.5 24.6 73.8

254 9.2 6.6 10.0



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

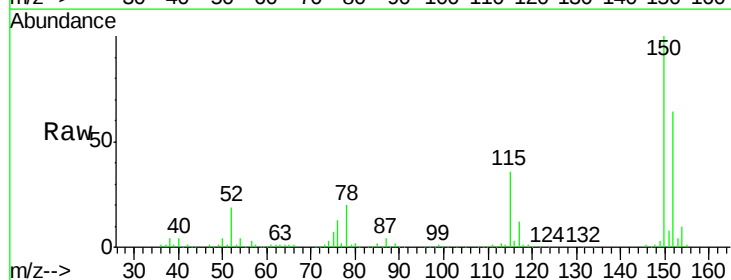
Tgt Ion:152 Resp: 435762

Ion Ratio Lower Upper

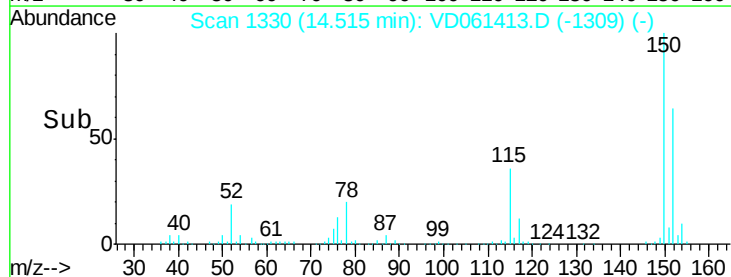
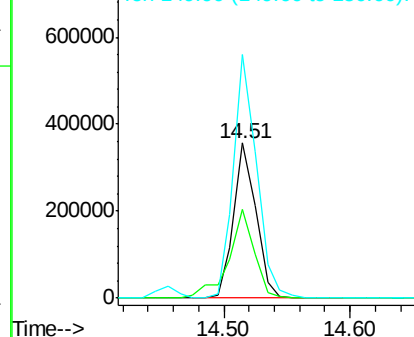
152 100

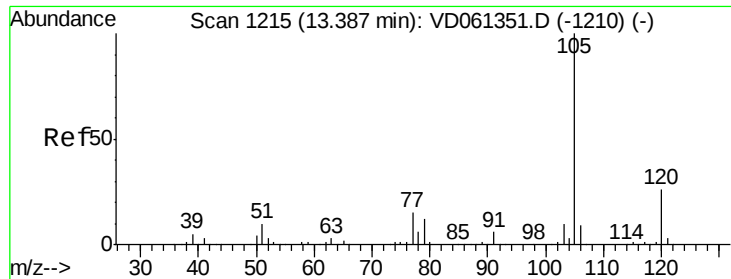
115 57.0 26.9 80.6

150 156.9 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.881 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

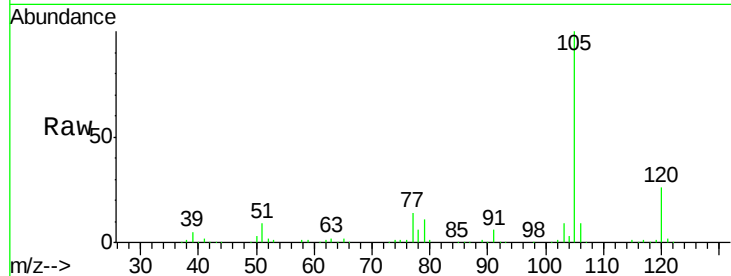
VD0328SBS02

Tot Ion:105 Resp: 633302

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

500000

400000

300000

200000

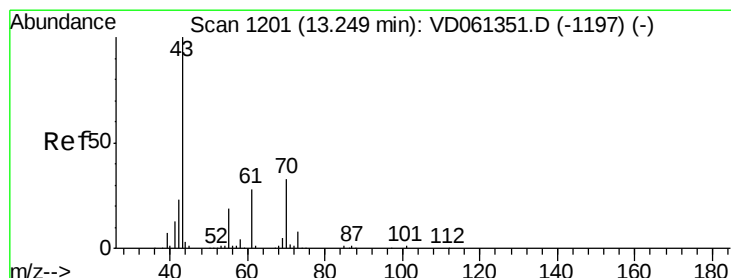
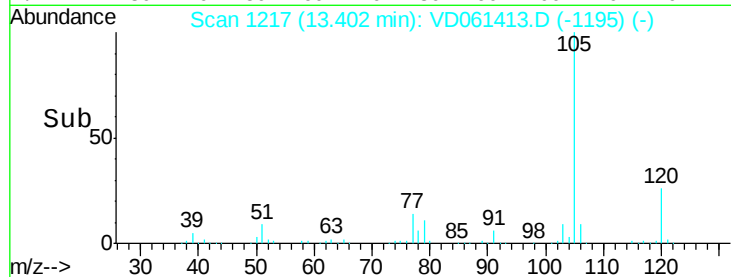
100000

0

13.40

13.30 13.40 13.50

Time-->



#74

N-ethyl acetate

Concen: 19.720 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Tgt Ion: 43 Resp: 166607

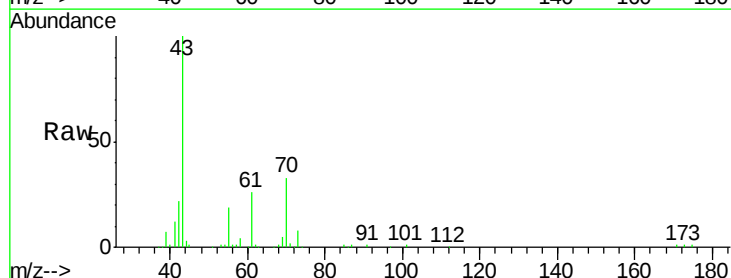
Ion Ratio Lower Upper

43 100

70 33.4 26.6 40.0

55 19.1 15.4 23.2

61 26.4 22.2 33.4



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

200000

150000

100000

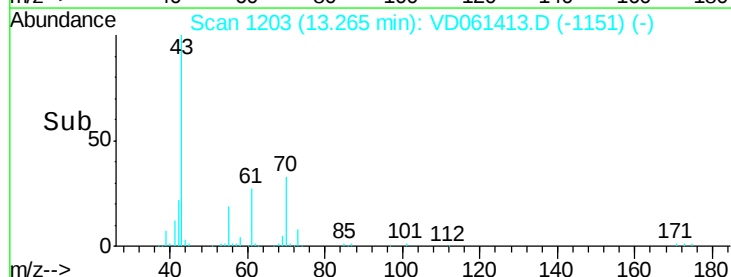
50000

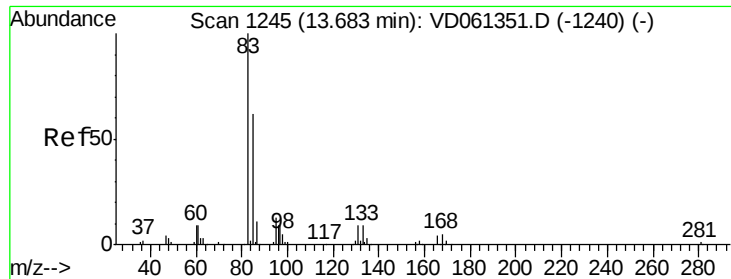
0

13.26

13.20 13.25 13.30 13.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.140 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

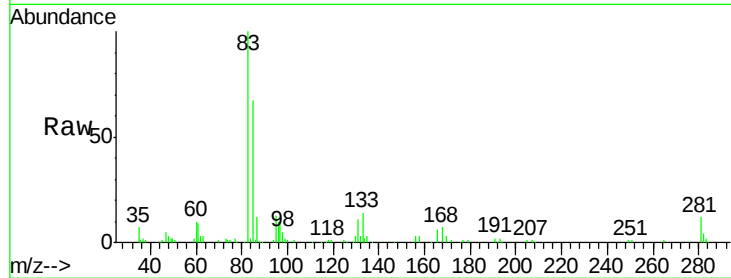
Tot Ion: 83 Resp: 122453

Ion Ratio Lower Upper

83 100

131 10.8 4.3 13.1

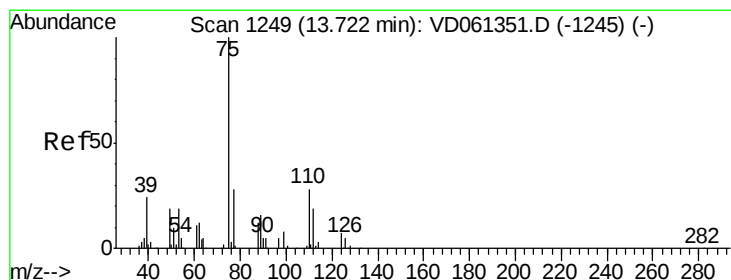
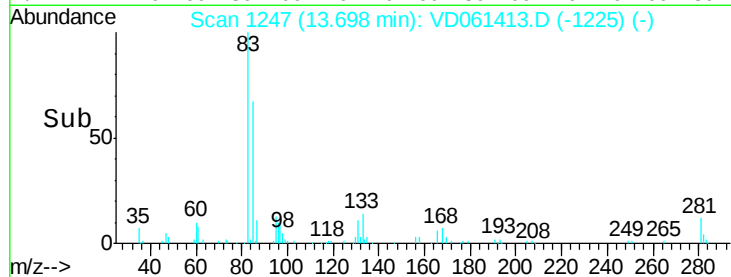
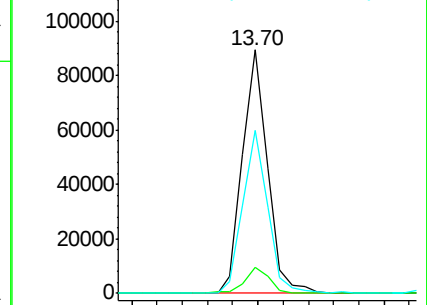
85 67.2 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 18.678 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VD061413.D

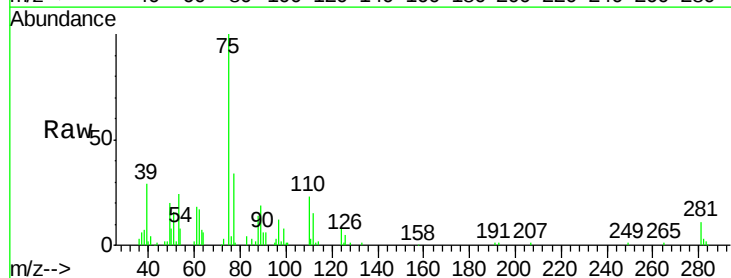
Acq: 29 Mar 2019 3:51

Tgt Ion: 75 Resp: 117569

Ion Ratio Lower Upper

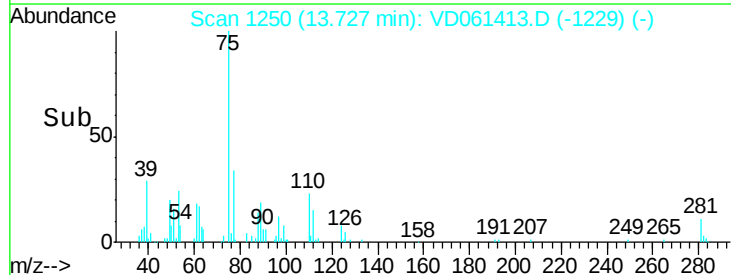
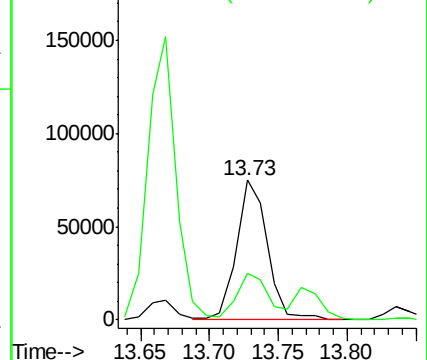
75 100

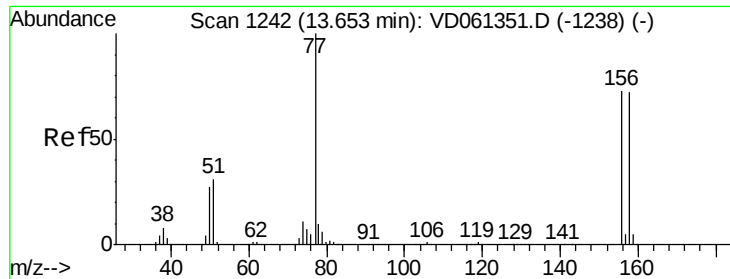
77 33.6 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 19.327 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

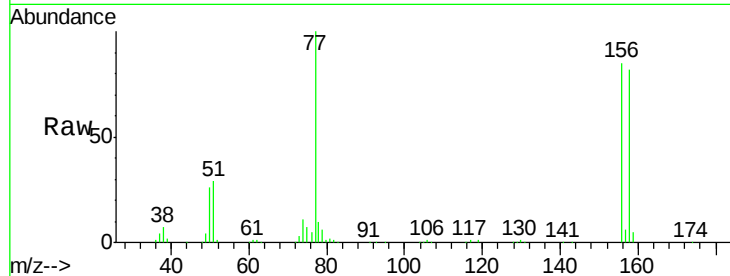
Tot Ion:156 Resp: 173773

Ion Ratio Lower Upper

156 100

77 117.9 68.5 205.6

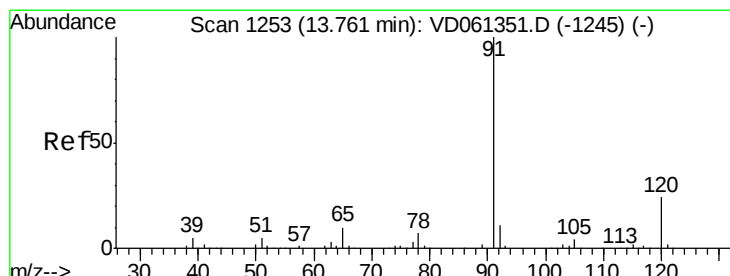
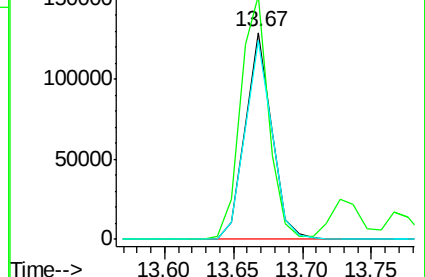
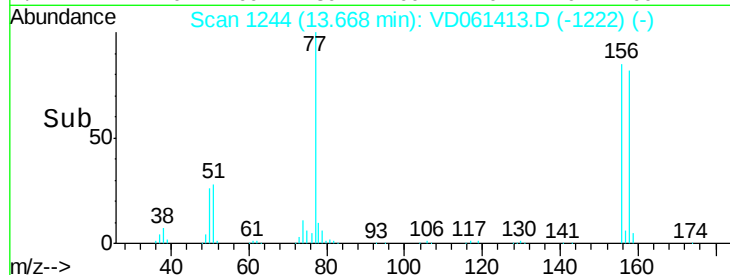
158 96.2 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 18.503 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD061413.D

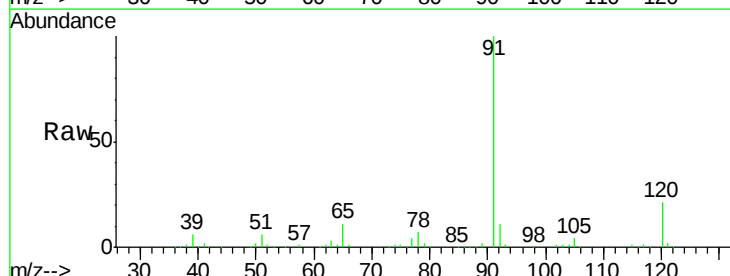
Acq: 29 Mar 2019 3:51

Tgt Ion: 91 Resp: 686736

Ion Ratio Lower Upper

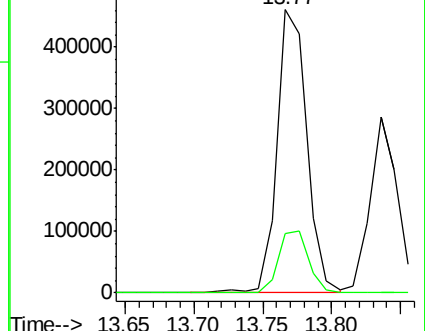
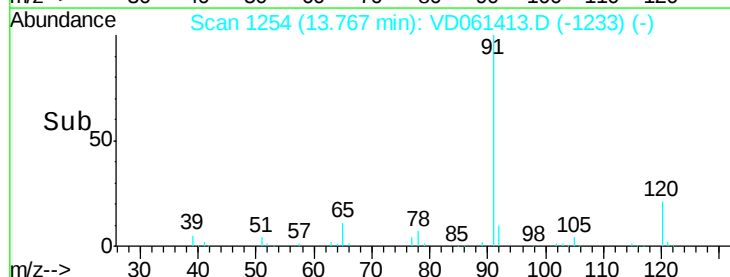
91 100

120 20.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

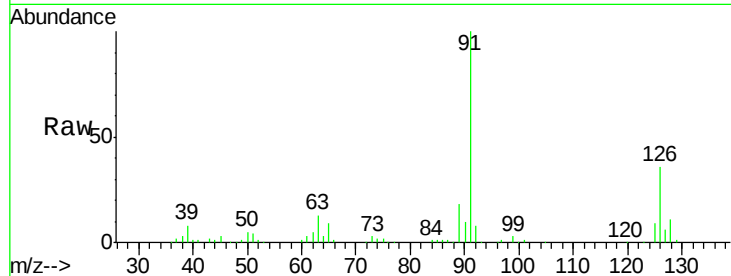
VD0328SBS02

Tot Ion: 91 Resp: 394120

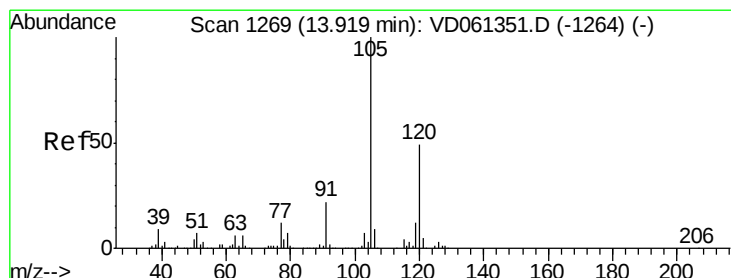
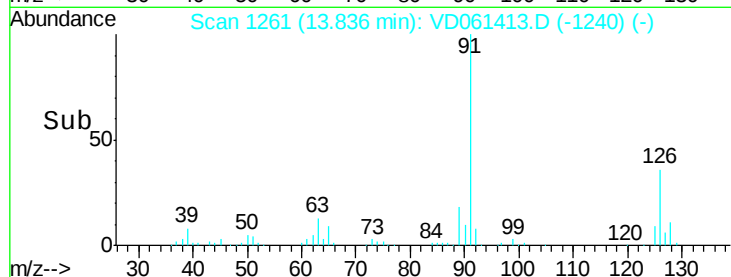
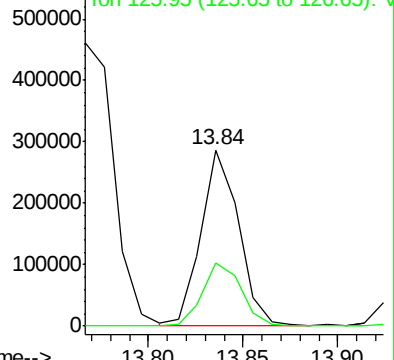
Ion Ratio Lower Upper

91 100

126 36.0 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.061 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. 0.02 min

Lab File: VD061413.D

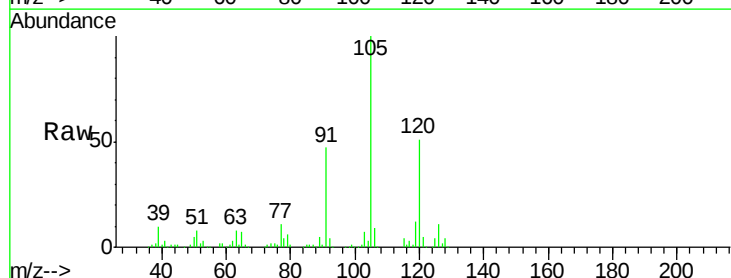
Acq: 29 Mar 2019 3:51

Tgt Ion:105 Resp: 495603

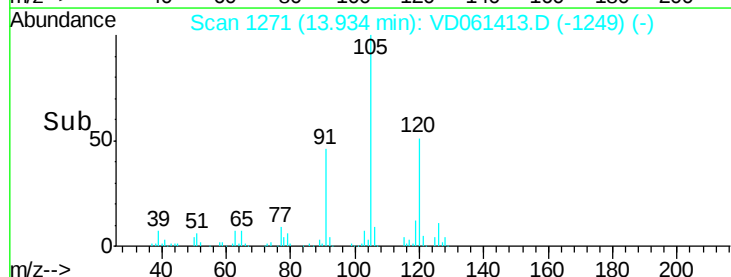
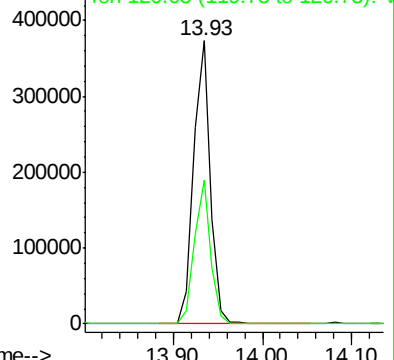
Ion Ratio Lower Upper

105 100

120 50.8 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

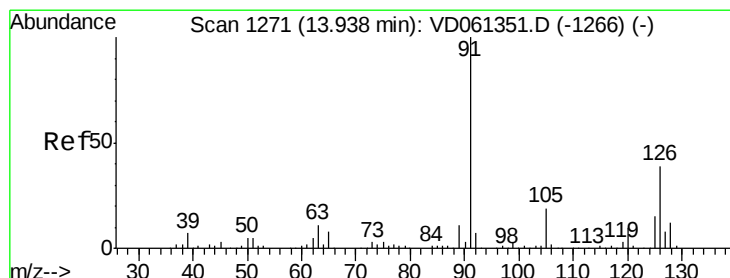
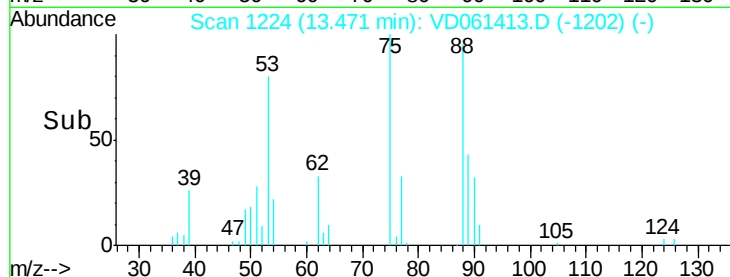
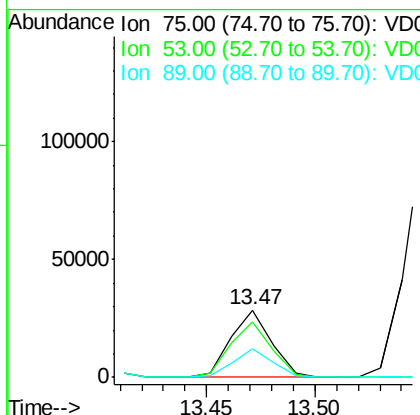
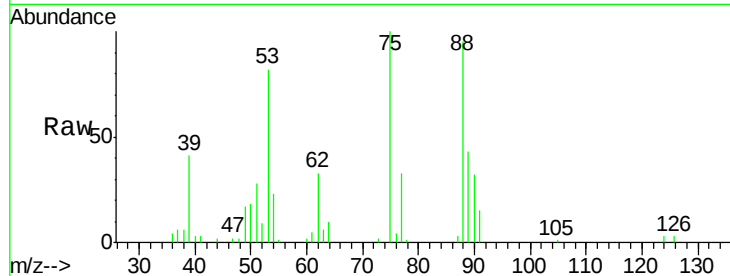




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.429 ug/l  
RT: 13.47 min Scan# 1224  
Delta R.T. 0.02 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

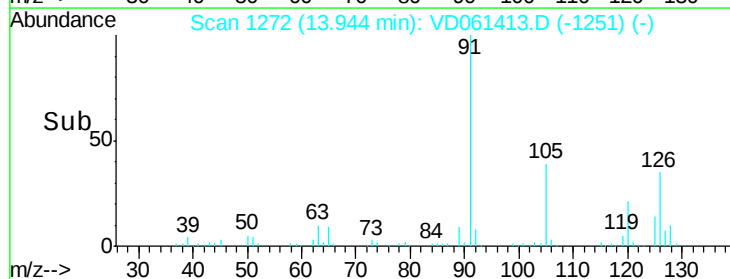
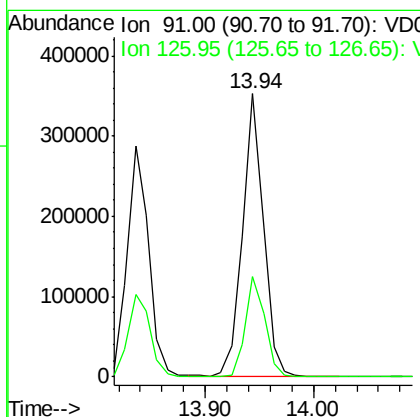
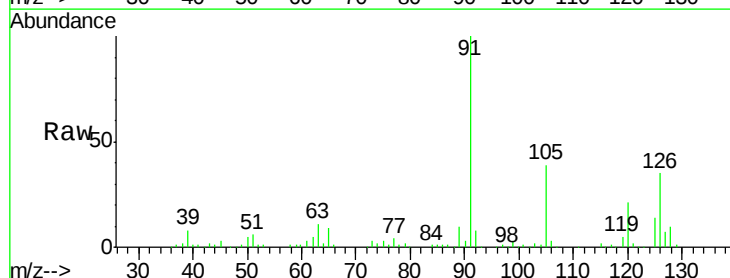
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

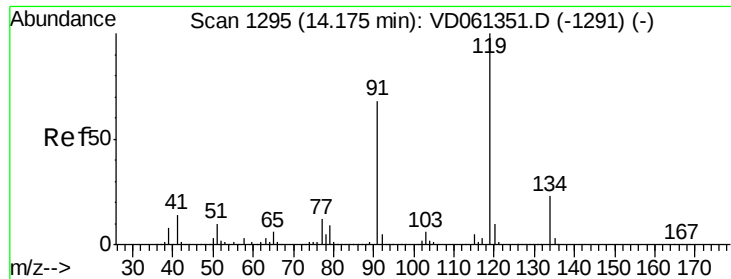
Tot Ion: 75 Resp: 37290  
Ion Ratio Lower Upper  
75 100  
53 82.4 63.8 95.8  
89 42.9 30.5 45.7



#82  
4-Chlorotoluene  
Concen: 21.617 ug/l  
RT: 13.94 min Scan# 1272  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 91 Resp: 473691  
Ion Ratio Lower Upper  
91 100  
126 35.3 19.6 58.8

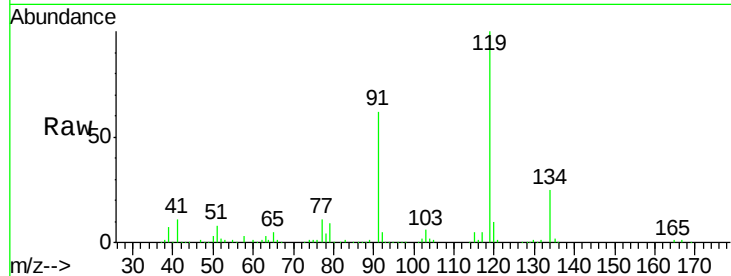




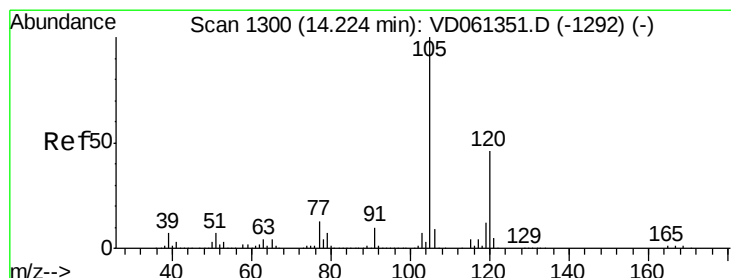
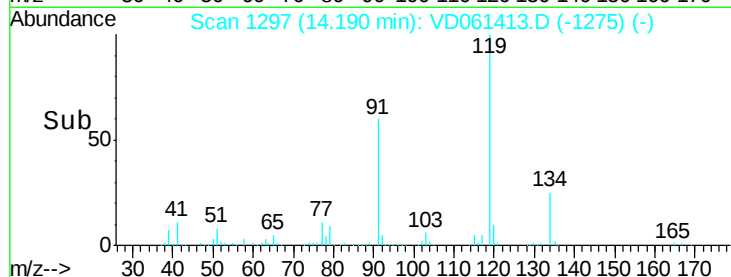
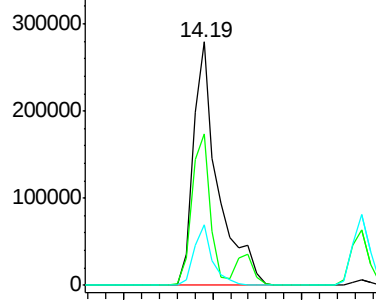
#83  
 tert-Butylbenzene  
 Concen: 18.375 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion:119 Resp: 540366  
 Ion Ratio Lower Upper  
 119 100  
 91 62.4 34.1 102.3  
 134 24.7 11.6 34.8

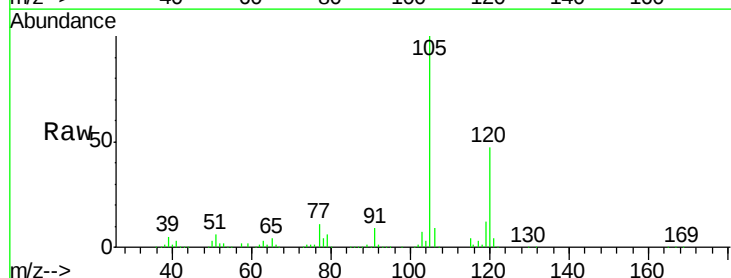


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

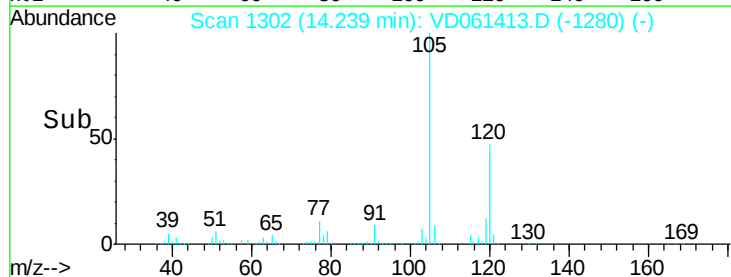
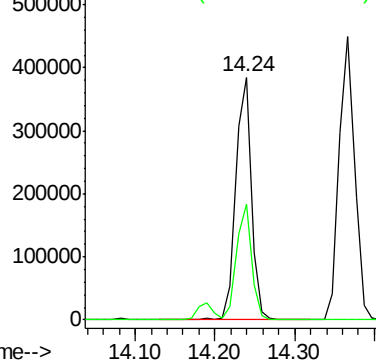


#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.392 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion:105 Resp: 519500  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 22.8 68.4



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





#85

sec-Butylbenzene

Concen: 19.108 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

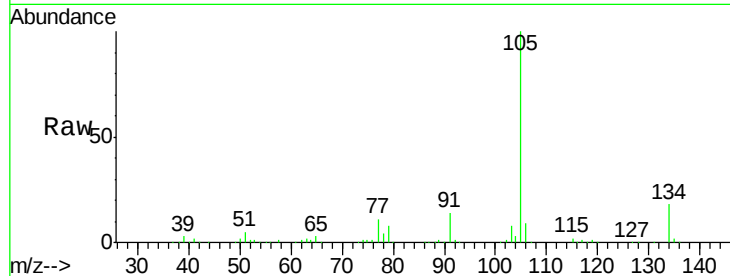
VD0328SBS02

Tot Ion:105 Resp: 596973

Ion Ratio Lower Upper

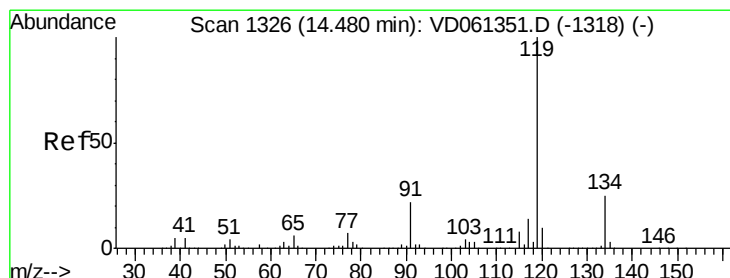
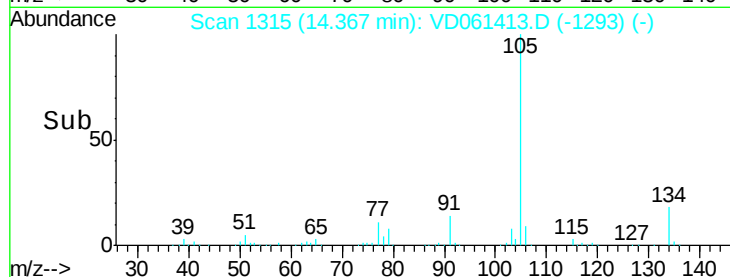
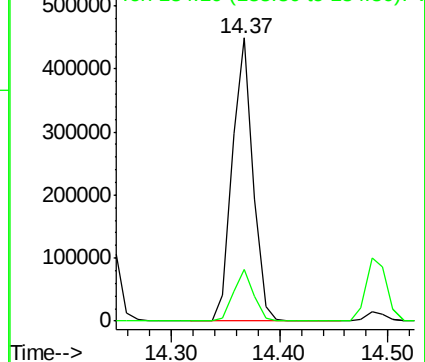
105 100

134 18.1 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 20.949 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

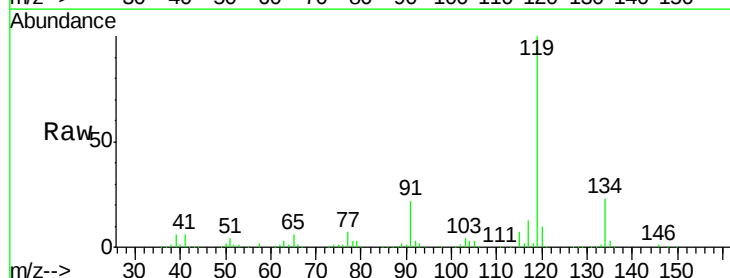
Tgt Ion:119 Resp: 553426

Ion Ratio Lower Upper

119 100

134 23.3 12.3 36.8

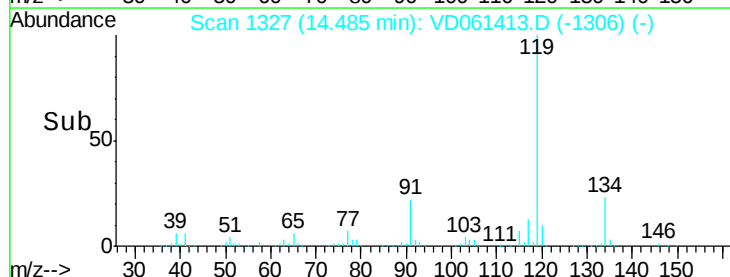
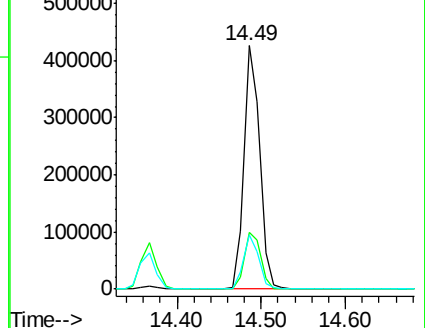
91 22.0 11.1 33.1



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: 20.383 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. 0.02 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0328SBS02

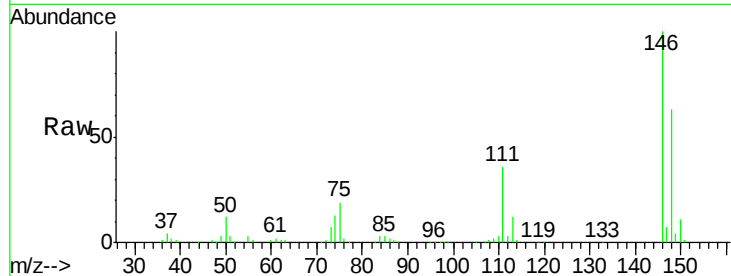
Tot Ion:146 Resp: 310350

Ion Ratio Lower Upper

146 100

111 36.1 20.6 61.9

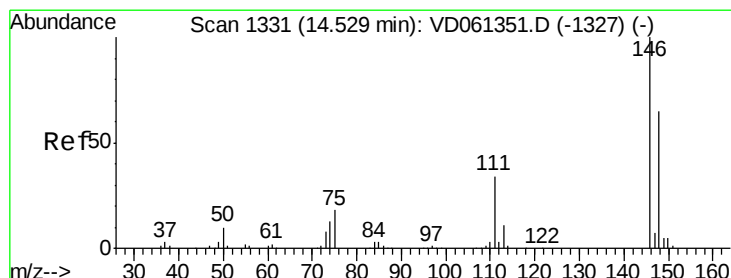
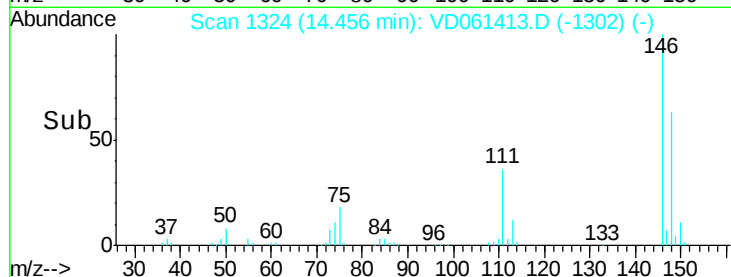
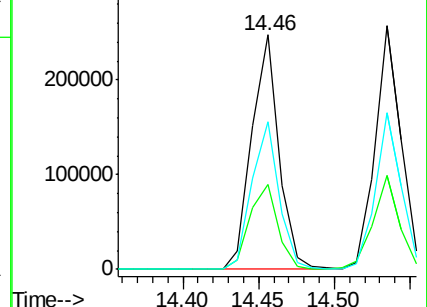
148 62.8 31.1 93.3



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: 20.838 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061413.D

Acq: 29 Mar 2019 3:51

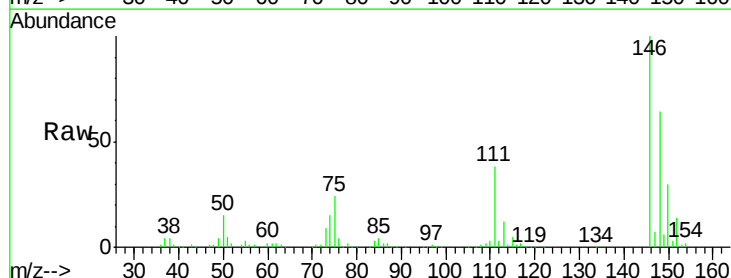
Tgt Ion:146 Resp: 309408

Ion Ratio Lower Upper

146 100

111 38.5 16.8 50.4

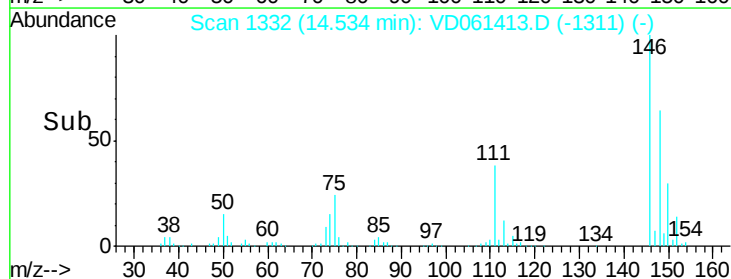
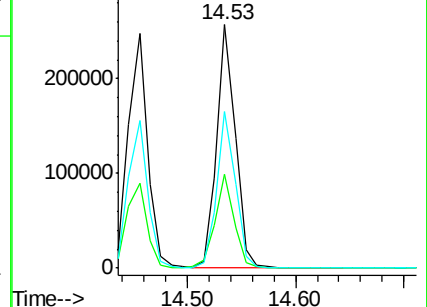
148 64.4 32.6 98.0

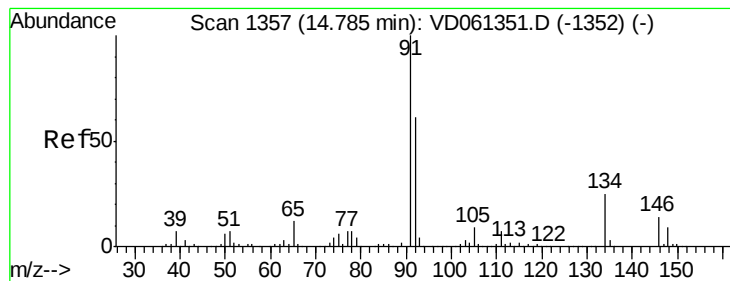


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

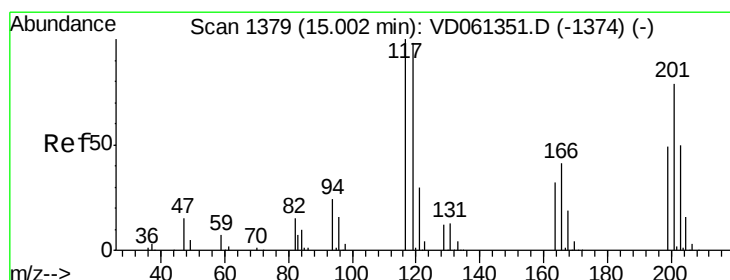
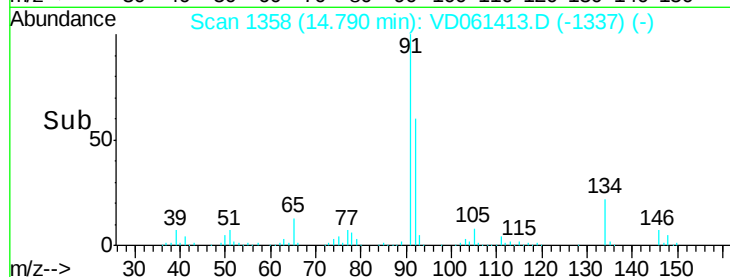
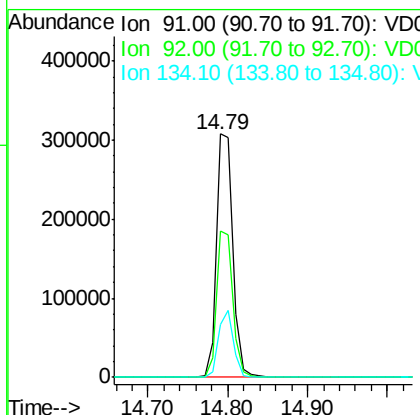
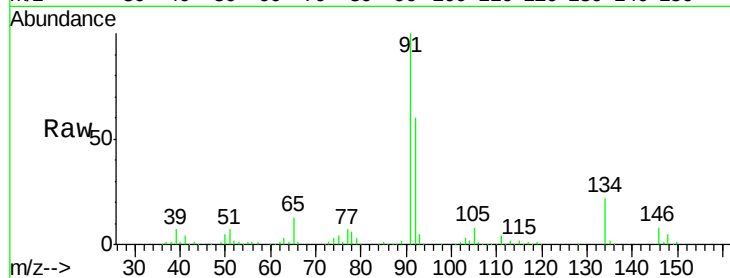




#89  
n-Butylbenzene  
Concen: 18.399 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

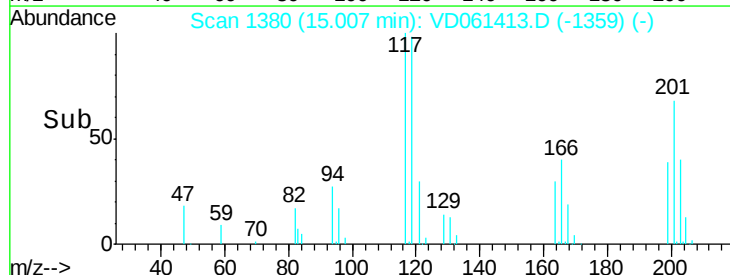
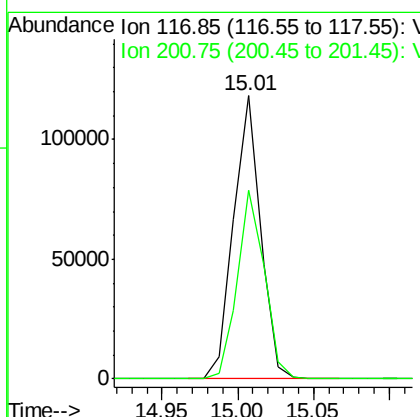
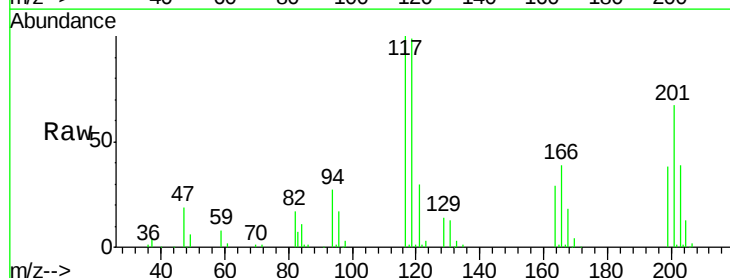
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion: 91 Resp: 446134  
Ion Ratio Lower Upper  
91 100  
92 60.0 30.3 91.0  
134 21.5 12.4 37.0



#90  
Hexachloroethane  
Concen: 19.645 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion: 117 Resp: 146615  
Ion Ratio Lower Upper  
117 100  
201 66.6 39.6 119.0

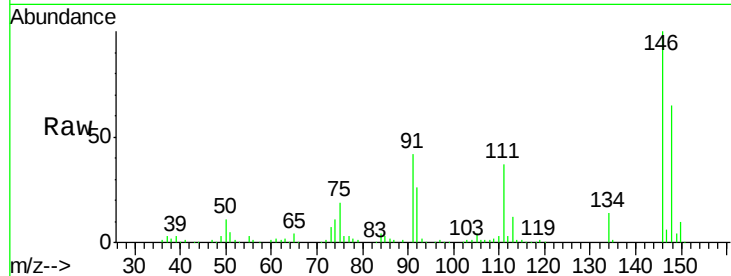




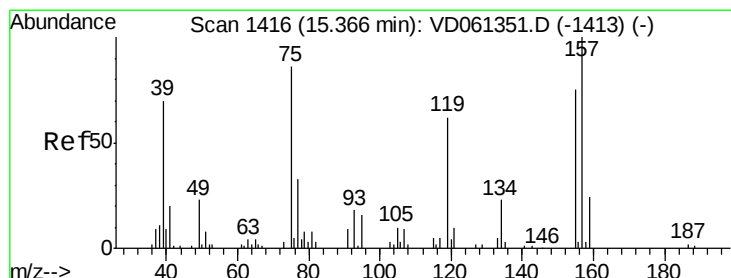
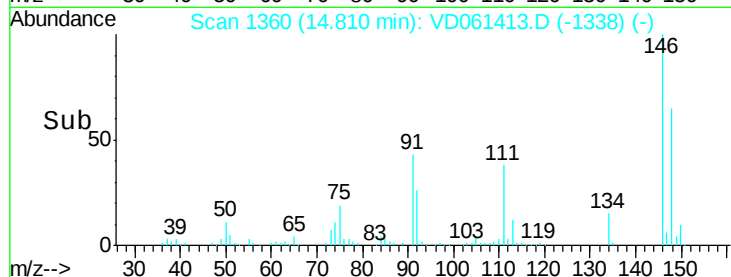
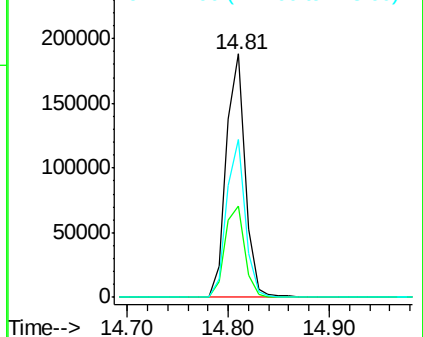
#91  
 1,2-Dichlorobenzene  
 Concen: 19.615 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

Tot Ion:146 Resp: 244964  
 Ion Ratio Lower Upper  
 146 100  
 111 37.5 21.2 63.6  
 148 65.0 31.6 95.0

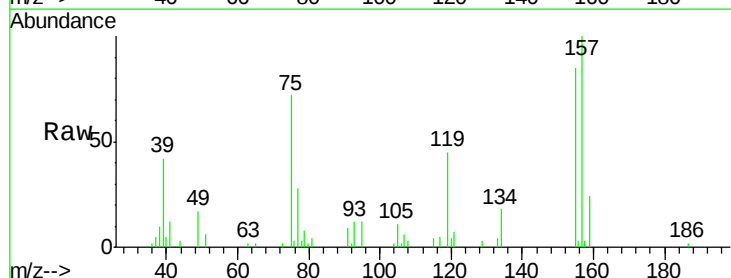


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

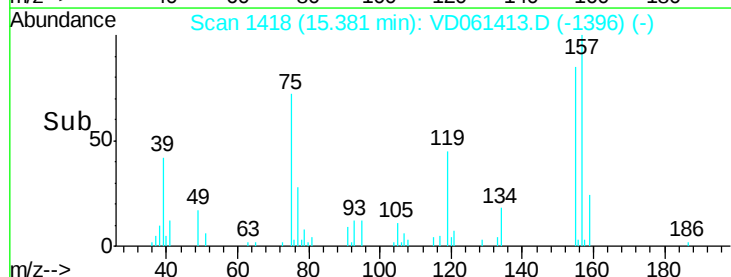
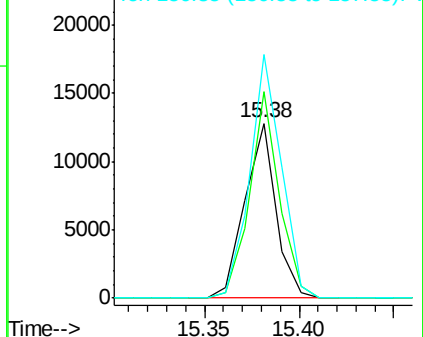


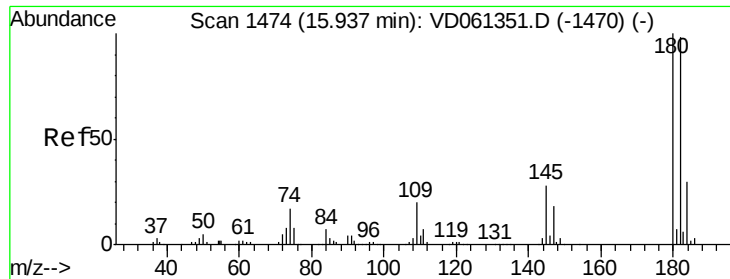
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.422 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion: 75 Resp: 14574  
 Ion Ratio Lower Upper  
 75 100  
 155 118.0 43.6 130.9  
 157 139.1 58.5 175.3



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

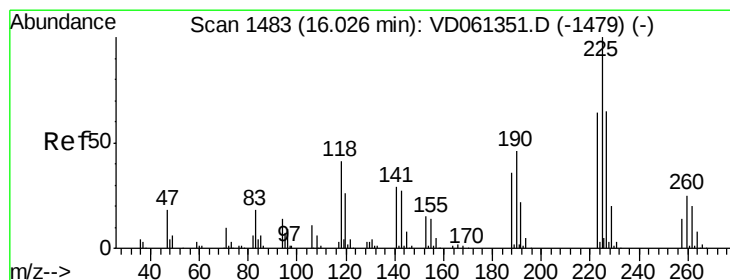
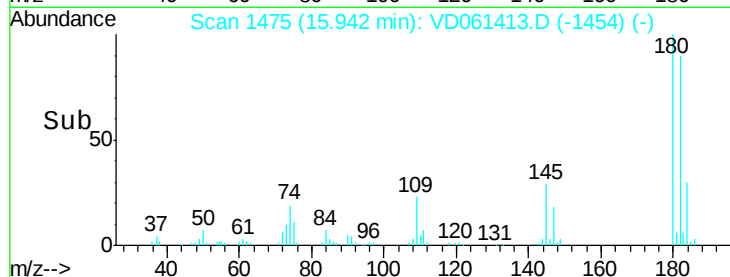
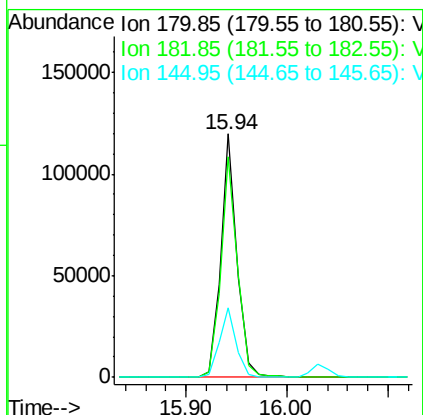
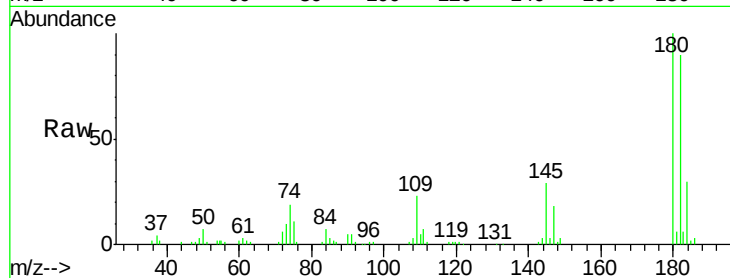




#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.657 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

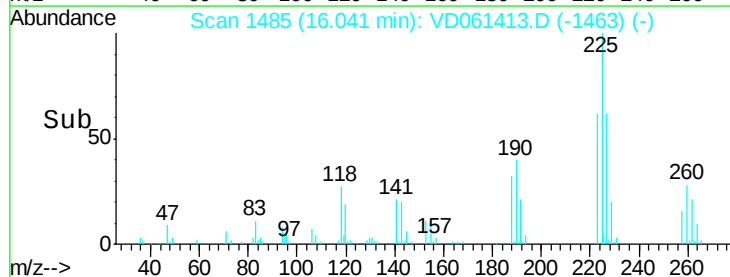
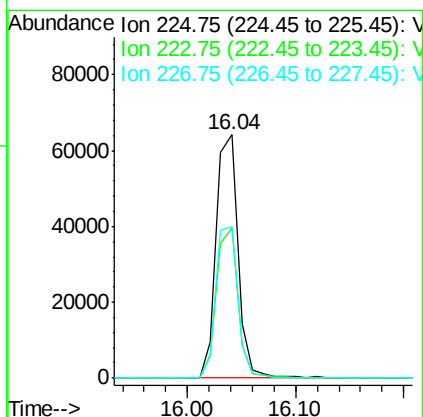
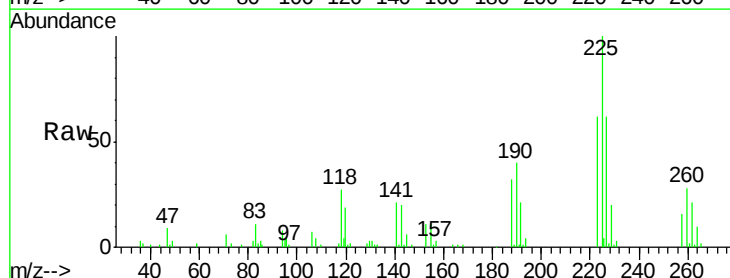
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0328SBS02

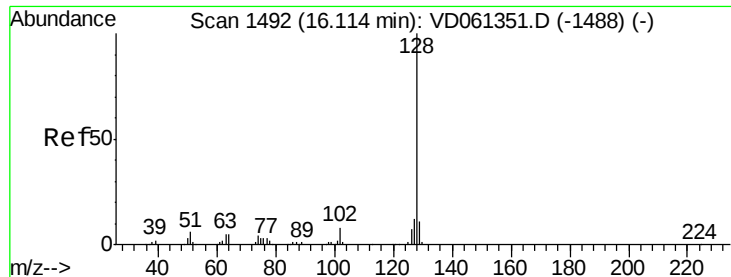
Tot Ion:180 Resp: 134585  
 Ion Ratio Lower Upper  
 180 100  
 182 90.4 48.9 146.8  
 145 28.5 14.1 42.3



#94  
 Hexachlorobutadiene  
 Concen: 20.184 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.02 min  
 Lab File: VD061413.D  
 Acq: 29 Mar 2019 3:51

Tgt Ion:225 Resp: 89728  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 32.0 96.0  
 227 62.4 32.4 97.2

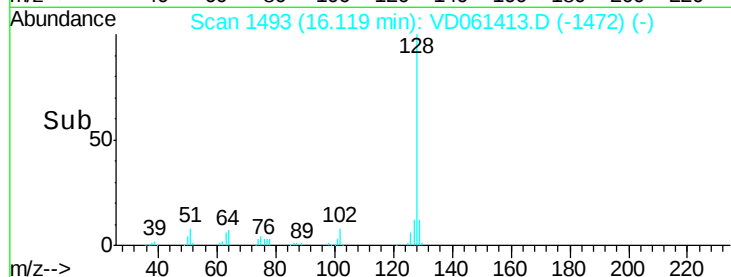
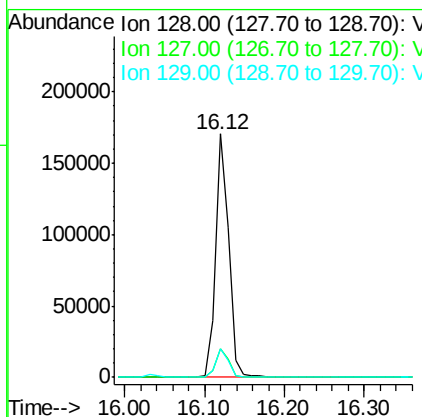
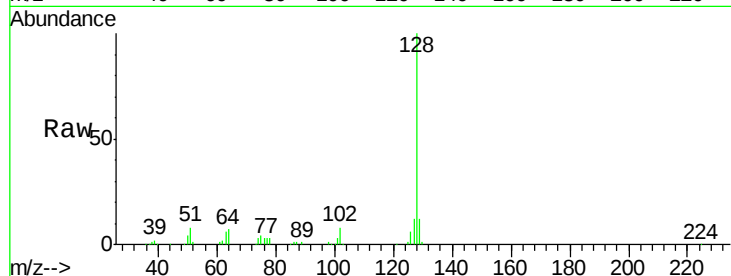




#95  
Naphthalene  
Concen: 22.950 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0328SBS02

Tot Ion:128 Resp: 199016  
Ion Ratio Lower Upper  
128 100  
127 11.8 9.9 14.9  
129 11.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 24.980 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.01 min  
Lab File: VD061413.D  
Acq: 29 Mar 2019 3:51

Tgt Ion:180 Resp: 62535  
Ion Ratio Lower Upper  
180 100  
182 94.0 46.4 139.1  
145 33.0 15.3 45.9

