

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\  
 Data File : VD058206.D  
 Acq On : 20 Jun 2018 13:15  
 Operator : VA/AP  
 Sample : VD0620SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

Quant Time: Jun 21 01:44:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 37430    | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 6.70  | 114  | 53574    | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 10.70 | 117  | 50652    | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.92 | 152  | 31373    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.02  | 65   | 28023    | 74.12  | ug/l    | 0.01     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 148.24% |          |
| 35) Dibromofluoromethane    | 5.55  | 113  | 25550    | 58.60  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 117.20% |          |
| 50) Toluene-d8              | 8.71  | 98   | 59874    | 56.76  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 113.52% |          |
| 62) 4-Bromofluorobenzene    | 11.94 | 95   | 30088    | 69.82  | ug/l    | 0.01     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 139.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.35 | 85   | 7443     | 18.65  | ug/l   | 93     |
| 3) Chloromethane              | 1.48 | 50   | 5535     | 32.35  | ug/l # | 86     |
| 4) Vinyl Chloride             | 1.56 | 62   | 3559     | 18.15  | ug/l # | 83     |
| 5) Bromomethane               | 1.82 | 94   | 2628     | 38.09  | ug/l # | 68     |
| 6) Chloroethane               | 1.90 | 64   | 2515     | 33.36  | ug/l   | 90     |
| 7) Trichlorofluoromethane     | 2.09 | 101  | 5745     | 21.37  | ug/l   | 93     |
| 8) Diethyl Ether              | 2.34 | 74   | 1360     | 23.92  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.57 | 101  | 2615     | 15.30  | ug/l # | 91     |
| 10) Methyl Iodide             | 2.71 | 142  | 3929     | 20.21  | ug/l # | 74     |
| 11) Tert butyl alcohol        | 3.24 | 59   | 5070     | 406.59 | ug/l # | 66     |
| 12) 1,1-Dichloroethene        | 2.56 | 96   | 2888     | 22.46  | ug/l # | 35     |
| 13) Acrolein                  | 2.47 | 56   | 3239     | 455.02 | ug/l   | 82     |
| 14) Allyl chloride            | 2.92 | 41   | 9436     | 31.53  | ug/l   | 85     |
| 15) Acrylonitrile             | 3.37 | 53   | 14523    | 439.25 | ug/l # | 78     |
| 16) Acetone                   | 2.62 | 43   | 25740    | 497.83 | ug/l # | 90     |
| 17) Carbon Disulfide          | 2.77 | 76   | 8333     | 19.05  | ug/l # | 68     |
| 18) Methyl Acetate            | 2.95 | 43   | 8742     | 79.28  | ug/l # | 65     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73   | 17904    | 52.49  | ug/l   | 92     |
| 20) Methylene Chloride        | 3.08 | 84   | 3838     | 26.16  | ug/l # | 76     |
| 21) trans-1,2-Dichloroethene  | 3.41 | 96   | 5129     | 36.49  | ug/l # | 62     |
| 22) Diisopropyl ether         | 4.07 | 45   | 29295    | 24.64  | ug/l # | 86     |
| 23) Vinyl Acetate             | 4.02 | 43   | 83042    | 130.32 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 3.98 | 63   | 16327    | 25.49  | ug/l # | 90     |
| 25) 2-Butanone                | 4.85 | 43   | 48948    | 434.36 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 4.80 | 77   | 9952     | 18.56  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 4.81 | 96   | 8263     | 23.53  | ug/l   | 94     |
| 28) Bromochloromethane        | 5.15 | 49   | 8418     | 29.32  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 5.20 | 42   | 25715    | 428.71 | ug/l   | 89     |
| 30) Chloroform                | 5.33 | 83   | 15238    | 22.54  | ug/l   | 90     |
| 31) Cyclohexane               | 5.60 | 56   | 9849     | 17.82  | ug/l # | 68     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97   | 9853     | 17.64  | ug/l # | 80     |
| 36) 1,1-Dichloropropene       | 5.76 | 75   | 10312    | 19.46  | ug/l # | 86     |
| 37) Ethyl Acetate             | 4.93 | 43   | 22967    | 76.06  | ug/l # | 84     |
| 38) Carbon Tetrachloride      | 5.74 | 117  | 8636     | 16.40  | ug/l # | 91     |

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Instrument :  
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 ClientSampleId :  
 VD0620SBS01

Quant Time: Jun 21 01:44:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.29  | 83   | 8503     | 16.47   | ug/l # | 91       |
| 40) Benzene                    | 6.02  | 78   | 25418    | 20.13   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.14  | 41   | 6521     | 44.72   | ug/l # | 82       |
| 42) 1,2-Dichloroethane         | 6.13  | 62   | 13387    | 26.30   | ug/l   | 92       |
| 43) Isopropyl Acetate          | 7.63  | 43   | 24781    | 61.56   | ug/l # | 92       |
| 44) Trichloroethene            | 6.99  | 130  | 7393     | 19.50   | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 7.36  | 63   | 7934     | 23.34   | ug/l # | 81       |
| 46) Dibromomethane             | 7.47  | 93   | 6725     | 28.97   | ug/l   | 91       |
| 47) Bromodichloromethane       | 7.75  | 83   | 10937    | 20.66   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.52  | 41   | 11381    | 46.51   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.51  | 88   | 3946     | 1786.60 | ug/l   | 86       |
| 51) 4-Methyl-2-Pentanone       | 8.60  | 43   | 79122    | 301.31  | ug/l   | 97       |
| 52) Toluene                    | 8.81  | 92   | 16996    | 23.64   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.19  | 75   | 10471    | 22.75   | ug/l # | 73       |
| 54) cis-1,3-Dichloropropene    | 8.37  | 75   | 11141    | 20.65   | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane      | 9.46  | 97   | 8270     | 32.52   | ug/l # | 85       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 9565     | 31.45   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.68  | 76   | 13291    | 31.02   | ug/l   | 89       |
| 58) 2-Chloroethyl Vinyl ether  | 8.20  | 63   | 26274    | 174.48  | ug/l # | 90       |
| 59) 2-Hexanone                 | 9.79  | 43   | 66299    | 349.41  | ug/l   | 88       |
| 60) Dibromochloromethane       | 9.97  | 129  | 7260     | 21.03   | ug/l   | 74       |
| 61) 1,2-Dibromoethane          | 10.10 | 107  | 9597     | 34.48   | ug/l # | 76       |
| 64) Tetrachloroethene          | 9.52  | 164  | 7870     | 18.47   | ug/l # | 86       |
| 65) Chlorobenzene              | 10.73 | 112  | 19641    | 20.73   | ug/l # | 87       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.86 | 131  | 6655     | 18.20   | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.87 | 91   | 33730    | 20.16   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.02 | 106  | 23852    | 42.76   | ug/l   | 96       |
| 69) o-Xylene                   | 11.41 | 106  | 12056    | 22.63   | ug/l   | 72       |
| 70) Styrene                    | 11.44 | 104  | 20326    | 22.36   | ug/l   | 98       |
| 71) Bromoform                  | 11.61 | 173  | 6849     | 23.48   | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.78 | 105  | 28929    | 15.42   | ug/l   | 98       |
| 74) N-amyl acetate             | 11.65 | 43   | 21905    | 30.19   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 13955    | 31.96   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.12 | 75   | 15834    | 34.57   | ug/l   | 94       |
| 77) Bromobenzene               | 12.05 | 156  | 10409    | 18.52   | ug/l   | 72       |
| 78) n-propylbenzene            | 12.16 | 91   | 37901    | 15.64   | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 12.23 | 91   | 25616    | 18.47   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 24561    | 16.78   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 3067     | 27.45   | ug/l # | 75       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 30796    | 19.47   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.58 | 119  | 26917    | 16.00   | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 12.63 | 105  | 25909    | 16.28   | ug/l   | 96       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 29615    | 15.01   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.90 | 119  | 24094    | 15.07   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.85 | 146  | 20565    | 21.06   | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 19186    | 20.12   | ug/l   | 90       |
| 89) n-Butylbenzene             | 13.20 | 91   | 27386    | 16.30   | ug/l   | 92       |
| 90) Hexachloroethane           | 13.41 | 117  | 4977     | 12.00   | ug/l   | 69       |
| 91) 1,2-Dichlorobenzene        | 13.20 | 146  | 18078    | 21.75   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.78 | 75   | 2647     | 38.09   | ug/l   | 69       |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VD0620SBS01

Quant Time: Jun 21 01:44:01 2018  
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Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:52:56 2018  
Response via : Initial Calibration

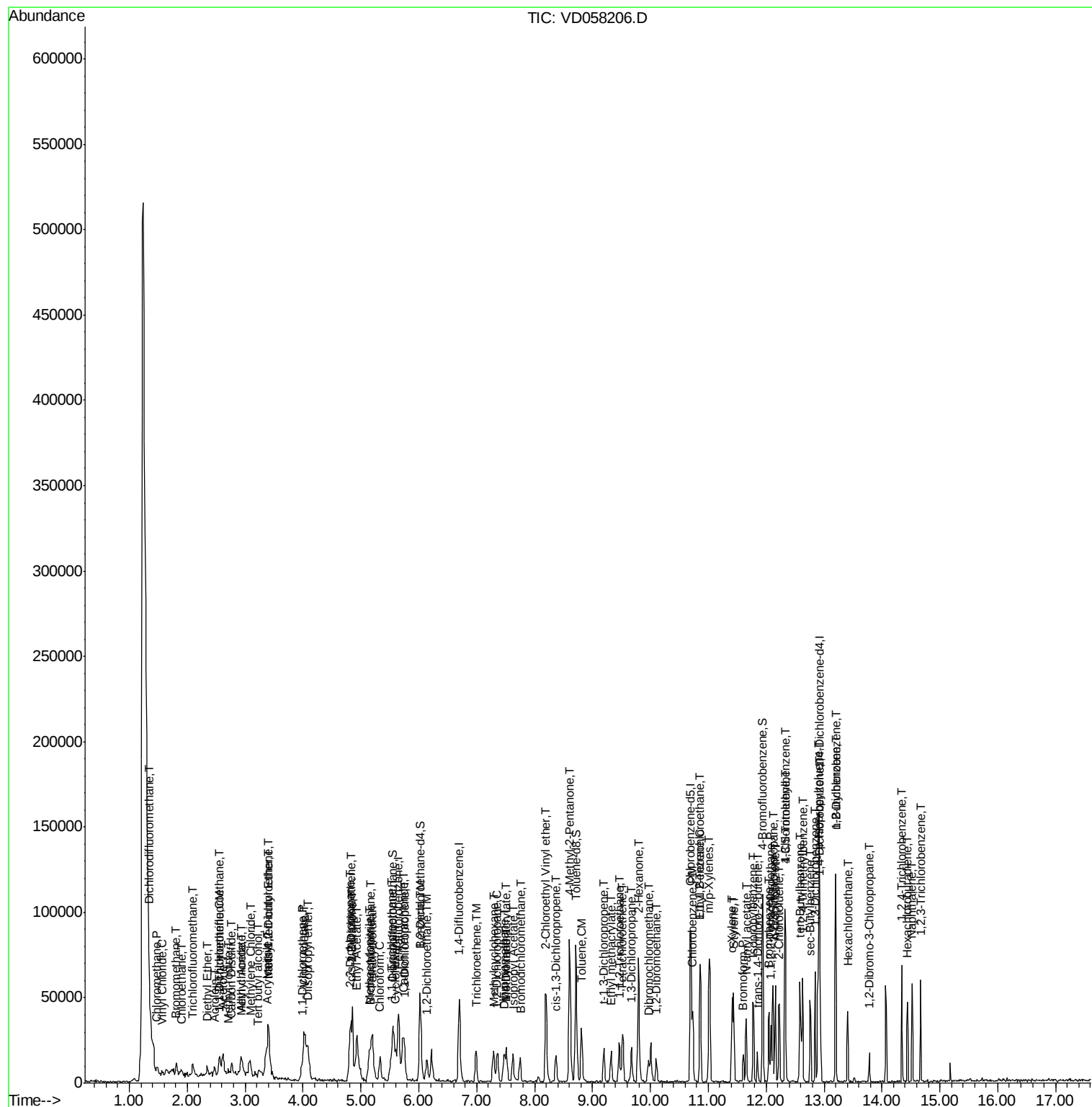
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.34 | 180  | 14951    | 18.81 | ug/l  | 91       |
| 94) Hexachlorobutadiene    | 14.44 | 225  | 8012     | 12.89 | ug/l  | 90       |
| 95) Naphthalene            | 14.52 | 128  | 29012    | 27.71 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 13895    | 19.97 | ug/l  | 94       |

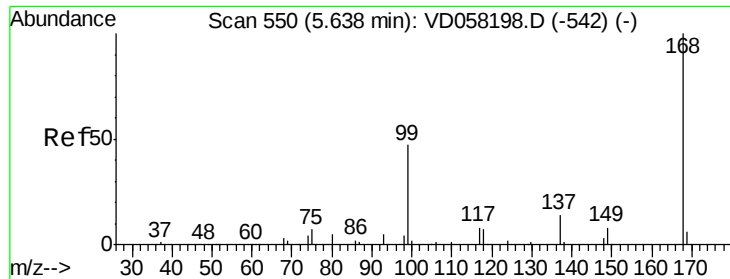
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062018\  
 Data File : VD058206.D  
 Acq On : 20 Jun 2018 13:15  
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 Sample : VD0620SBS01  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

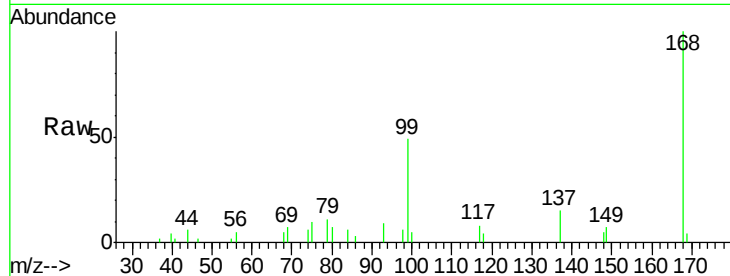
VD0620SBS01

Tot Ion:168 Resp: 37430

Ion Ratio Lower Upper

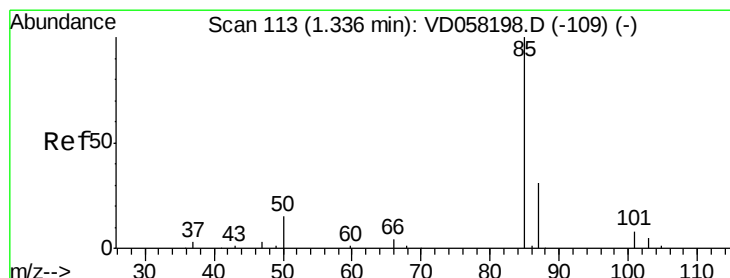
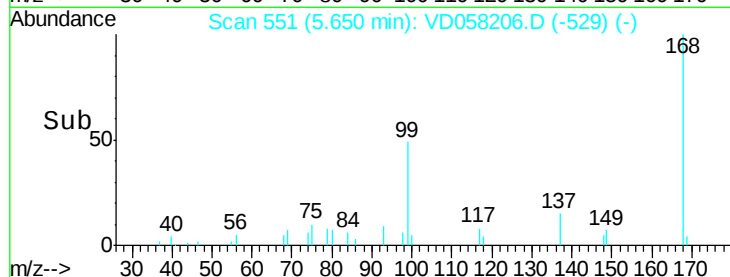
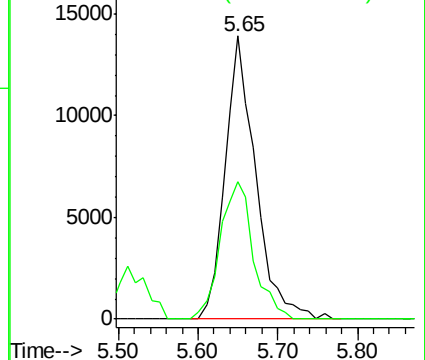
168 100

99 48.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 18.65 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.01 min

Lab File: VD058206.D

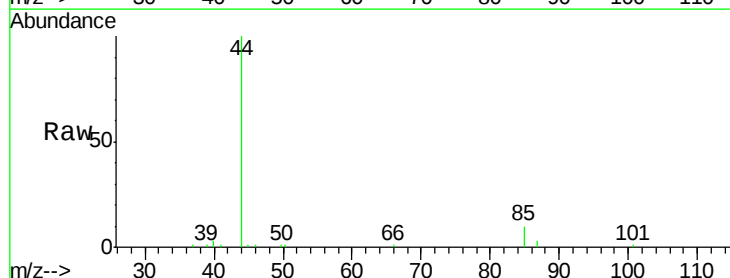
Acq: 20 Jun 2018 13:15

Tgt Ion: 85 Resp: 7443

Ion Ratio Lower Upper

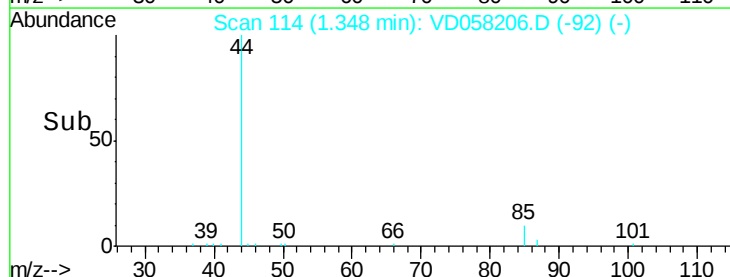
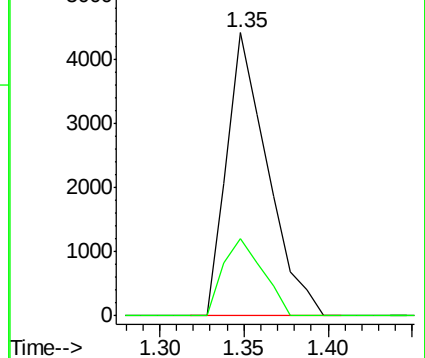
85 100

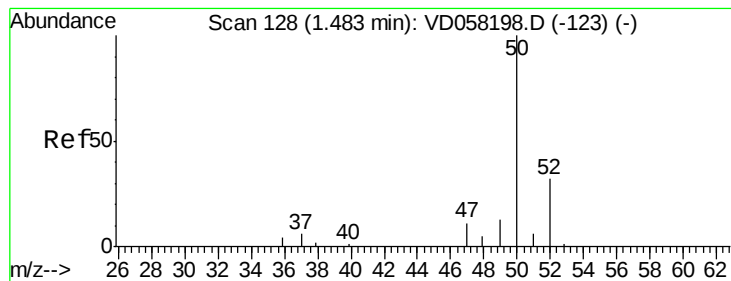
87 27.2 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 32.35 ug/l

RT: 1.48 min Scan# 127

Delta R.T. -0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

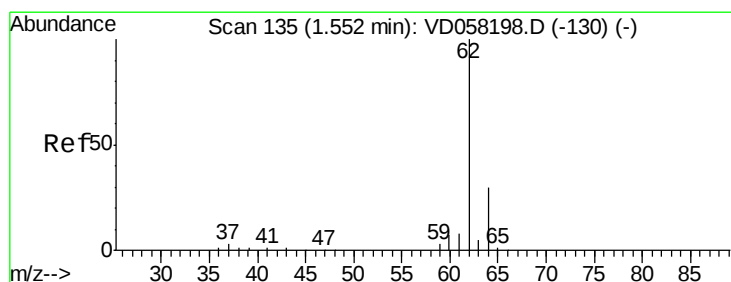
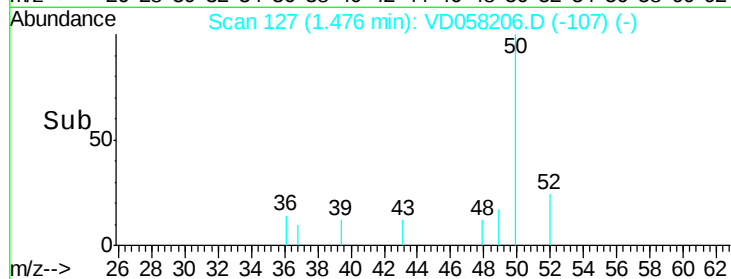
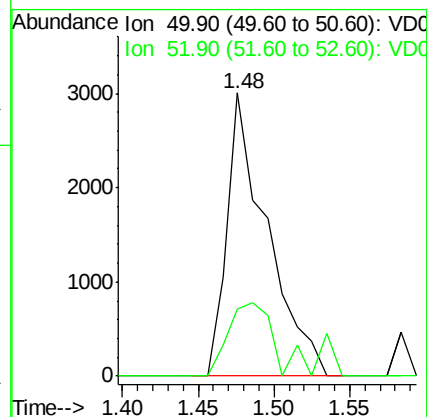
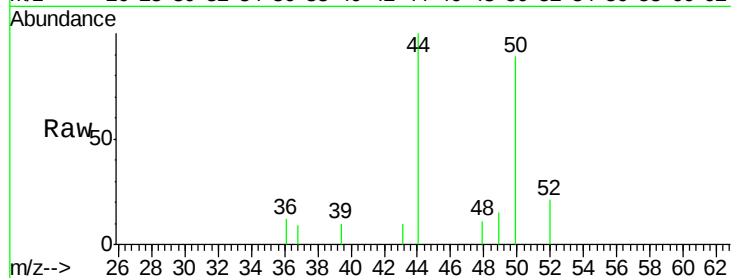
VD0620SBS01

Tot Ion: 50 Resp: 5535

Ion Ratio Lower Upper

50 100

52 23.7 25.0 37.4#



#4

Vinyl Chloride

Concen: 18.15 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.01 min

Lab File: VD058206.D

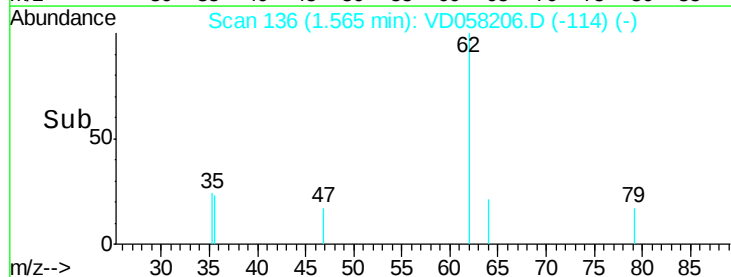
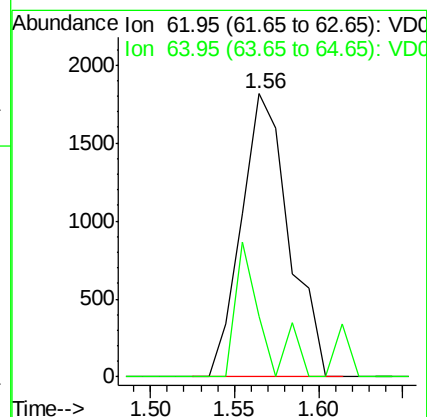
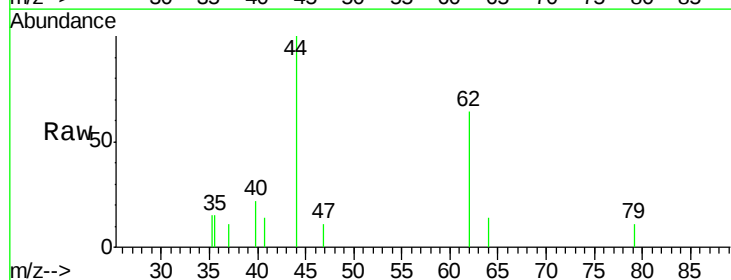
Acq: 20 Jun 2018 13:15

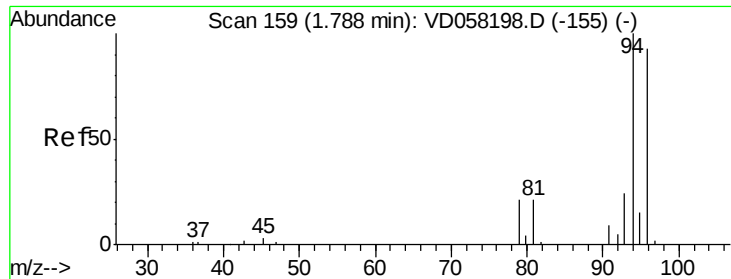
Tgt Ion: 62 Resp: 3559

Ion Ratio Lower Upper

62 100

64 21.3 24.4 36.6#





#5

Bromomethane

Concen: 38.09 ug/l

RT: 1.82 min Scan# 162

Delta R.T. 0.03 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

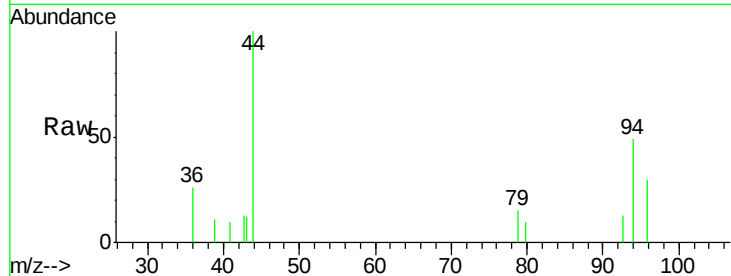
VD0620SBS01

Tot Ion: 94 Resp: 2628

Ion Ratio Lower Upper

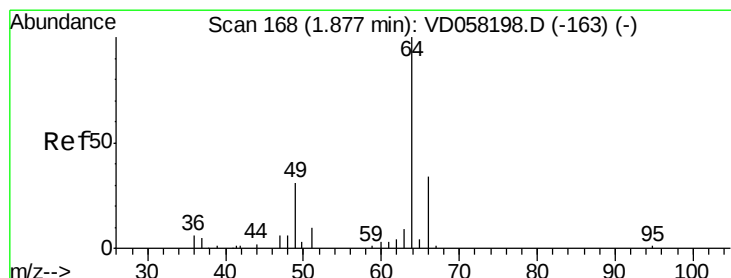
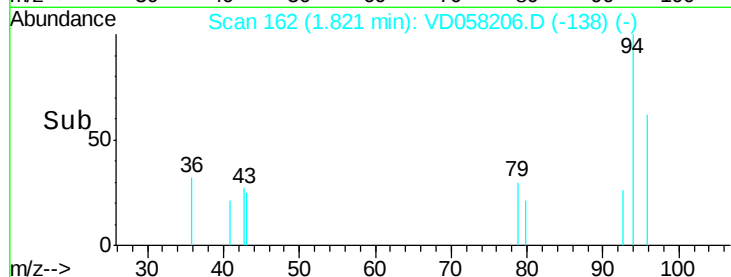
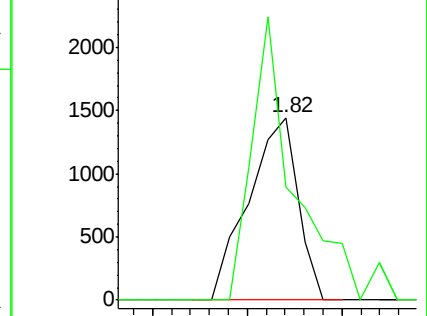
94 100

96 62.0 74.2 111.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 33.36 ug/l

RT: 1.90 min Scan# 170

Delta R.T. 0.02 min

Lab File: VD058206.D

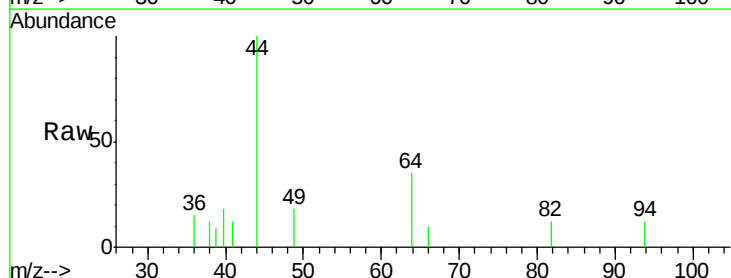
Acq: 20 Jun 2018 13:15

Tgt Ion: 64 Resp: 2515

Ion Ratio Lower Upper

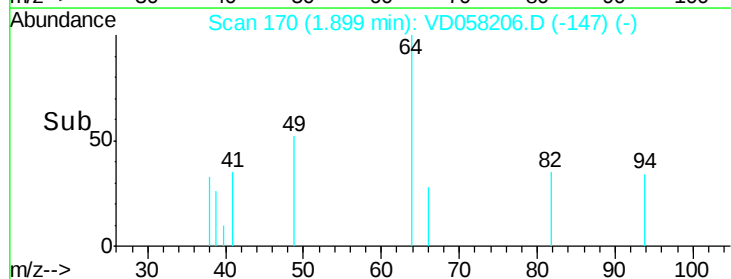
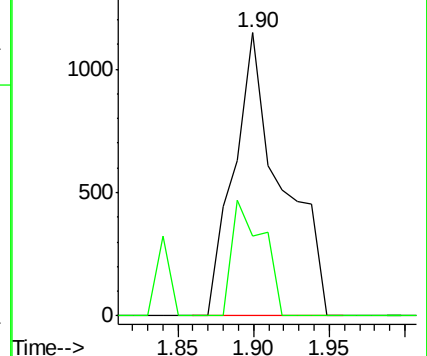
64 100

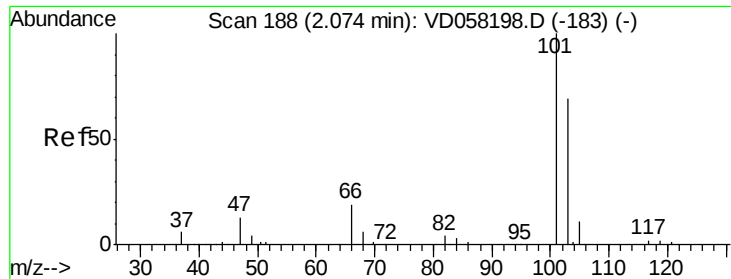
66 28.4 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



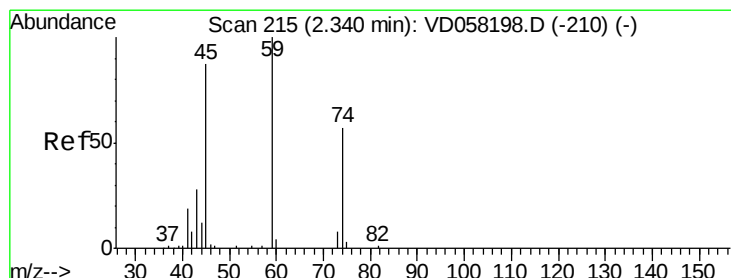
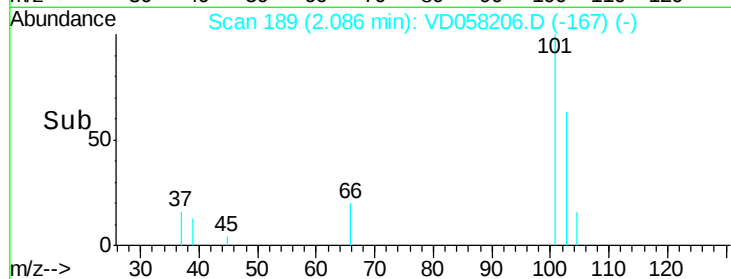
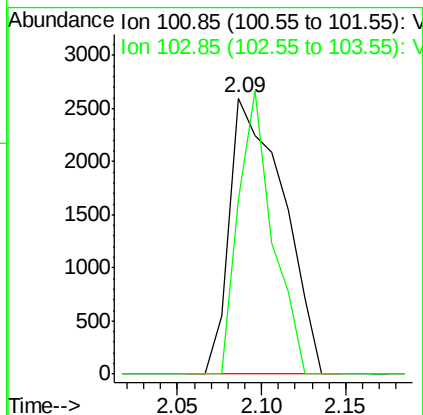
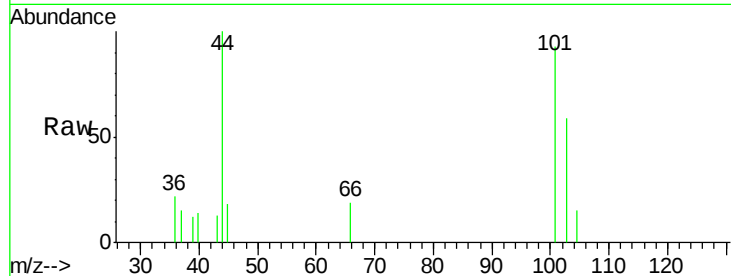


#7

Trichlorofluoromethane  
 Concen: 21.37 ug/l  
 RT: 2.09 min Scan# 189  
 Delta R.T. 0.01 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

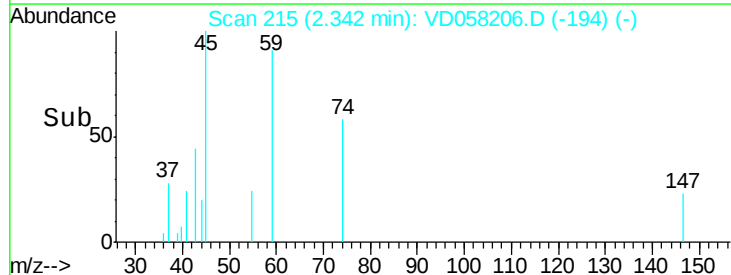
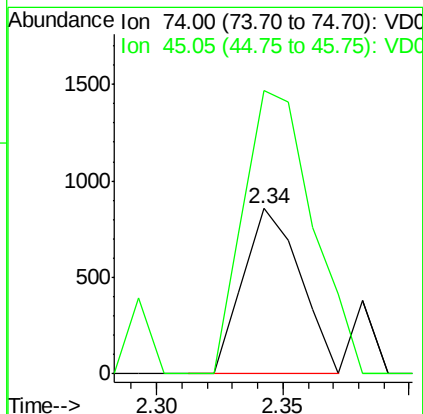
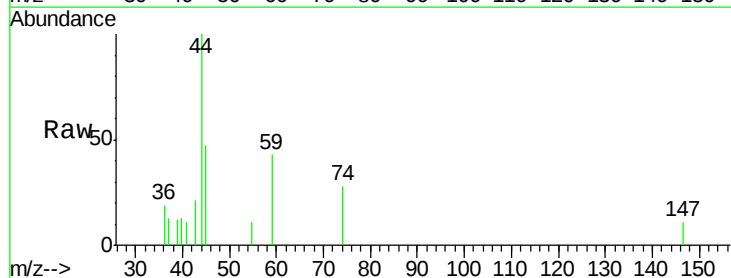
Tot Ion:101 Resp: 5745  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 55.1 82.7



#8

Diethyl Ether  
 Concen: 23.92 ug/l  
 RT: 2.34 min Scan# 215  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion: 74 Resp: 1360  
 Ion Ratio Lower Upper  
 74 100  
 45 171.6 77.5 232.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.30 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.02 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

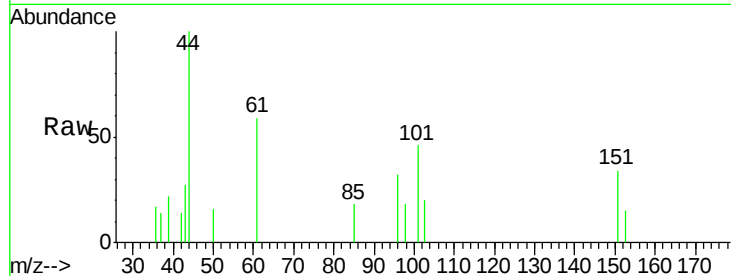
Tot Ion:101 Resp: 2615

Ion Ratio Lower Upper

101 100

85 38.5 39.0 58.4#

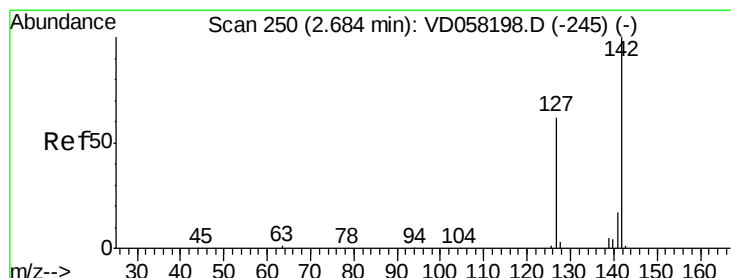
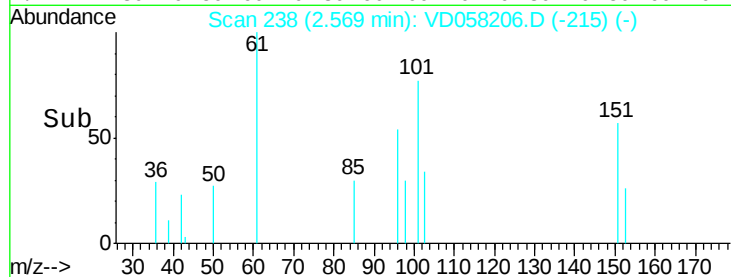
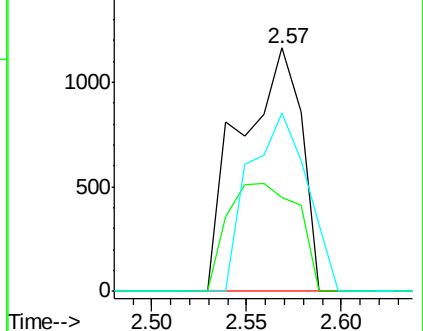
151 73.1 61.8 92.8



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: 20.21 ug/l

RT: 2.71 min Scan# 252

Delta R.T. 0.02 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

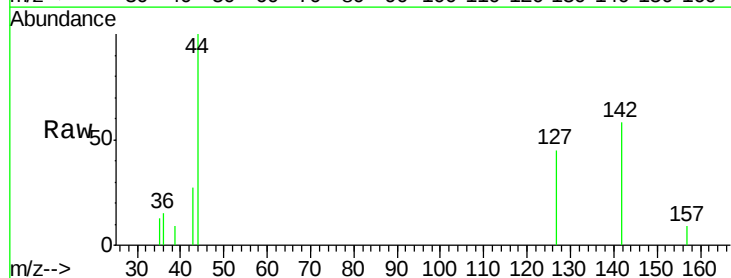
Tgt Ion:142 Resp: 3929

Ion Ratio Lower Upper

142 100

127 79.0 49.4 74.0#

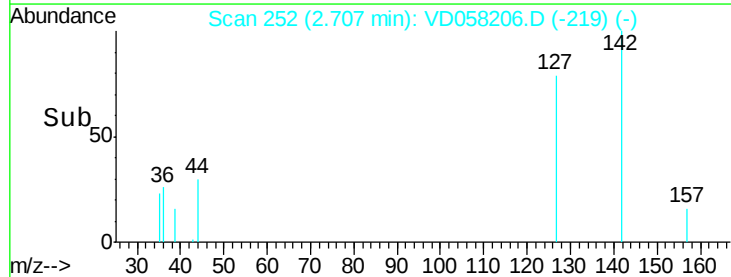
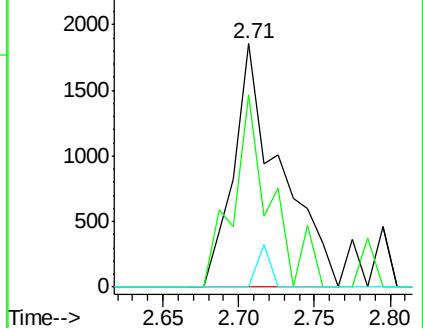
141 0.0 13.5 20.3#



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



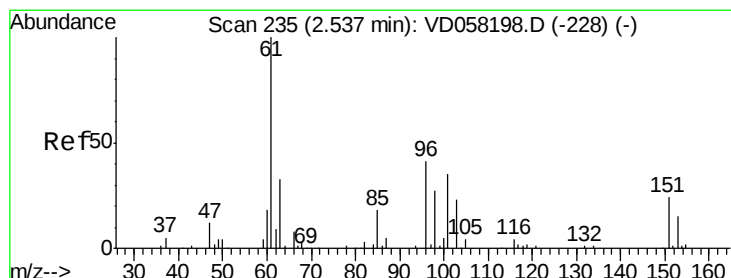
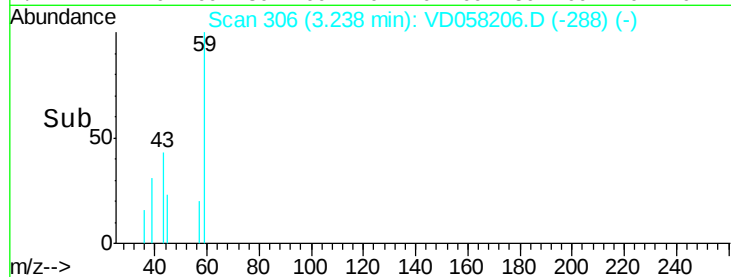
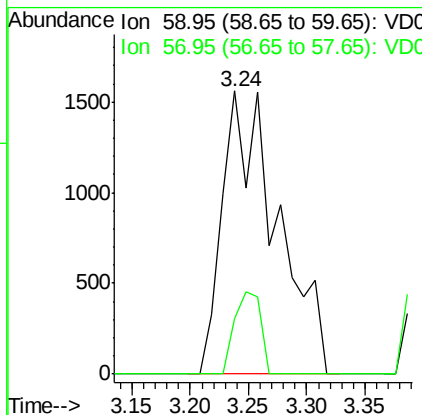
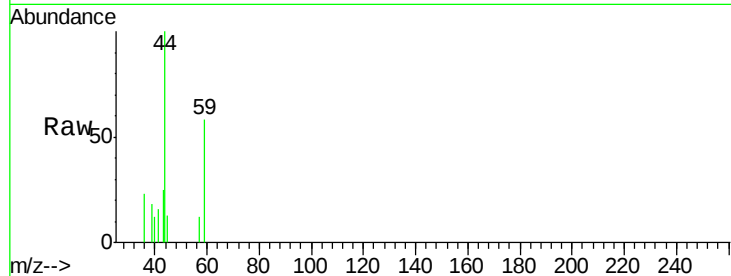


#11

Tert butyl alcohol  
 Concen: 406.59 ug/l  
 RT: 3.24 min Scan# 306  
 Delta R.T. -0.03 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

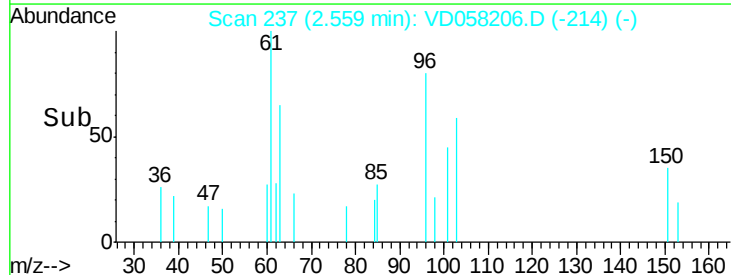
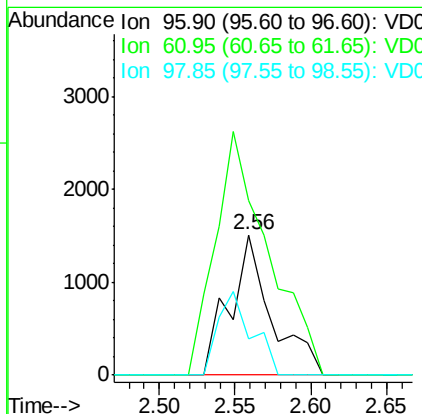
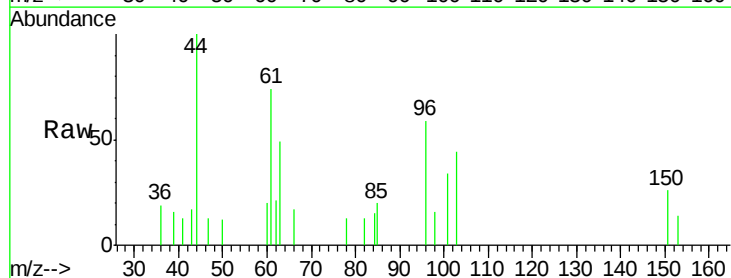
Tot Ion: 59 Resp: 5070  
 Ion Ratio Lower Upper  
 59 100  
 57 19.8 6.2 9.4#

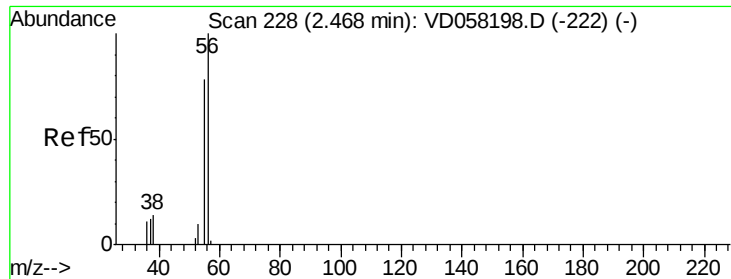


#12

1,1-Dichloroethene  
 Concen: 22.46 ug/l  
 RT: 2.56 min Scan# 237  
 Delta R.T. 0.02 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion: 96 Resp: 2888  
 Ion Ratio Lower Upper  
 96 100  
 61 124.8 193.9 290.9#  
 98 26.2 51.7 77.5#





#13

Acrolein

Concen: 455.02 ug/l

RT: 2.47 min Scan# 228

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

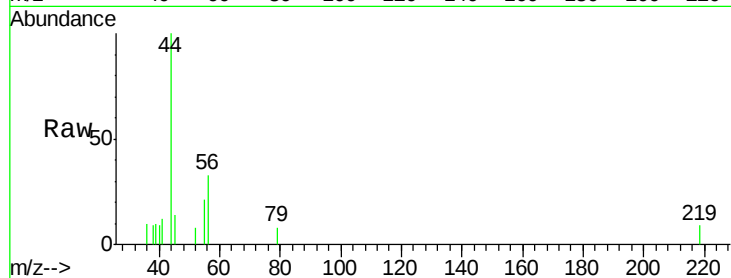
VD0620SBS01

Tot Ion: 56 Resp: 3239

Ion Ratio Lower Upper

56 100

55 62.3 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.47

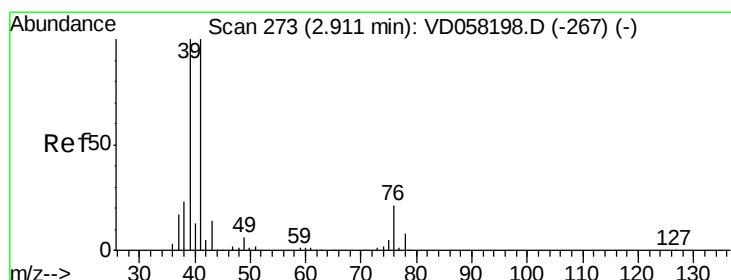
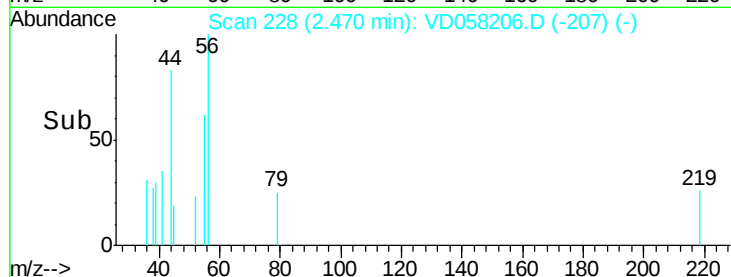
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 31.53 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

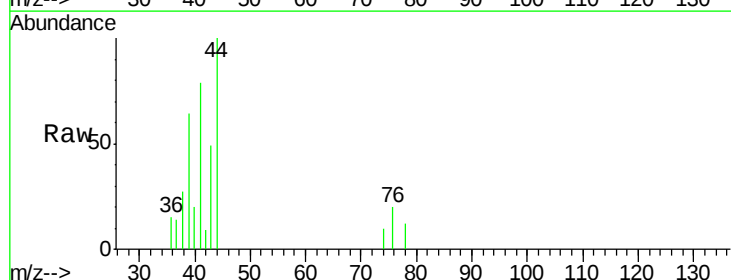
Tgt Ion: 41 Resp: 9436

Ion Ratio Lower Upper

41 100

39 81.4 80.1 120.1

76 24.9 19.4 29.2



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

2.92

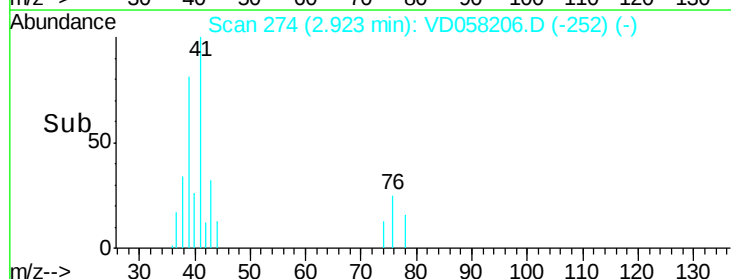
3000

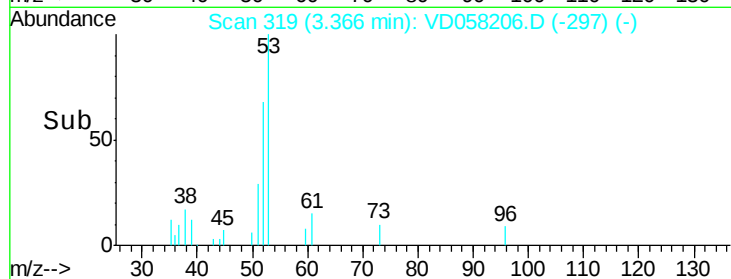
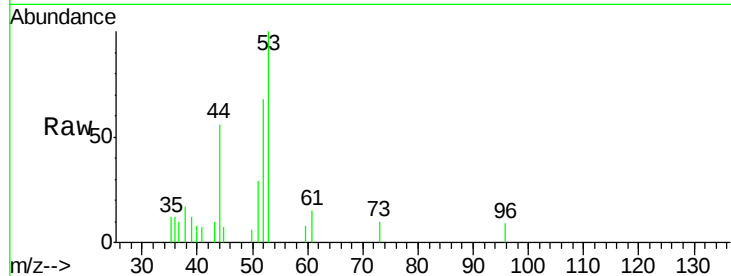
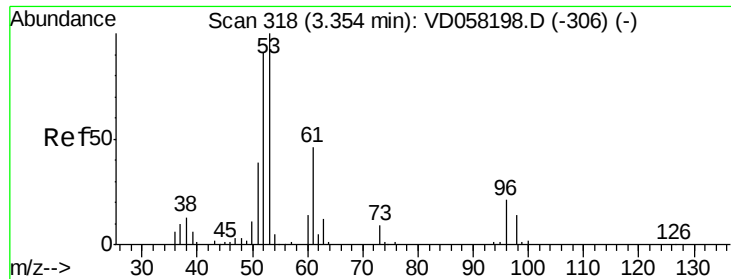
2000

1000

0

Time-->





#15

Acrylonitrile

Concen: 439.25 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

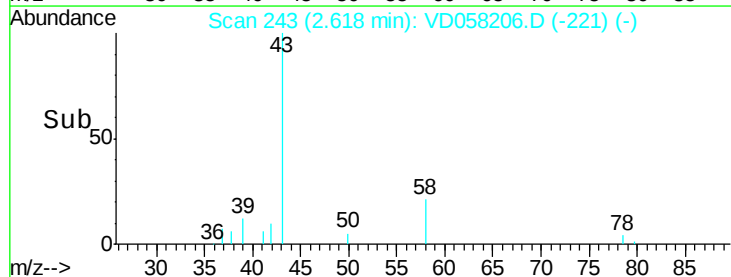
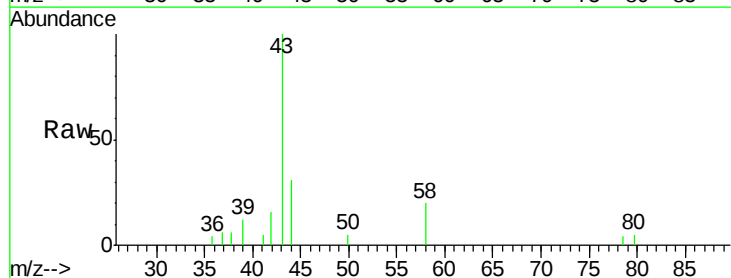
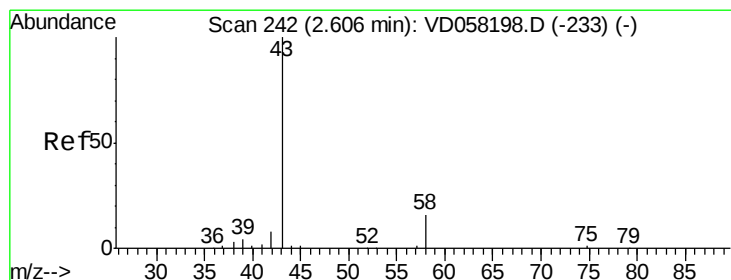
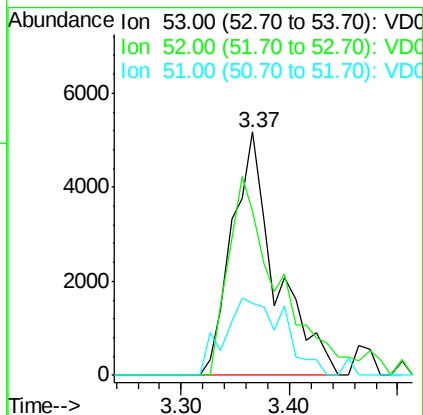
Tot Ion: 53 Resp: 14523

Ion Ratio Lower Upper

53 100

52 67.6 72.6 108.8#

51 29.4 32.2 48.4#



#16

Acetone

Concen: 497.83 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058206.D

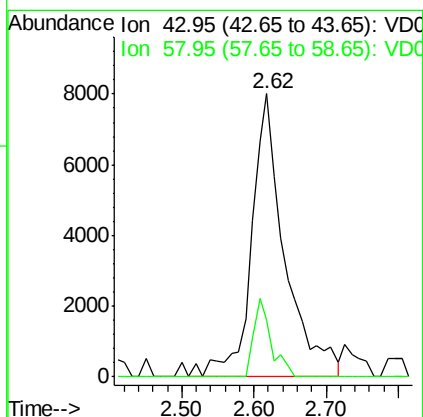
Acq: 20 Jun 2018 13:15

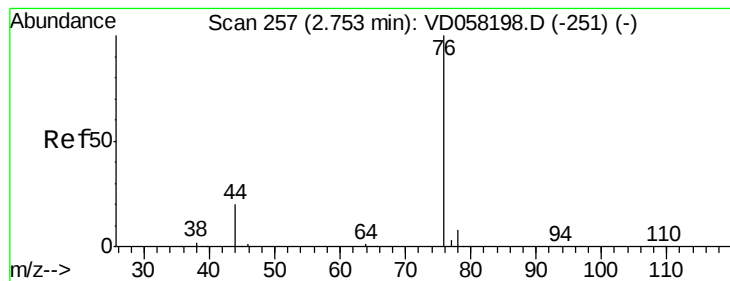
Tgt Ion: 43 Resp: 25740

Ion Ratio Lower Upper

43 100

58 20.2 12.7 19.1#





#17

Carbon Disulfide

Concen: 19.05 ug/l

RT: 2.77 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

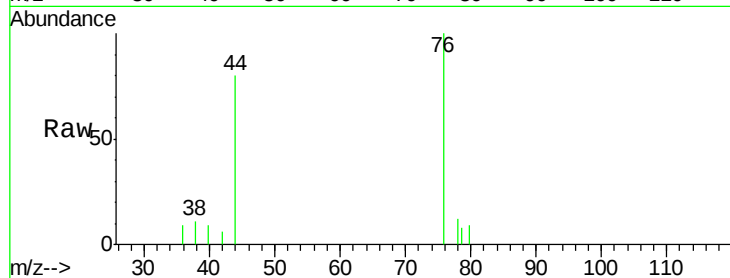
VD0620SBS01

Tot Ion: 76 Resp: 8333

Ion Ratio Lower Upper

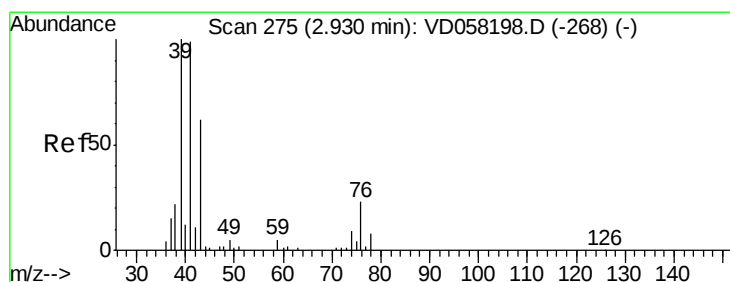
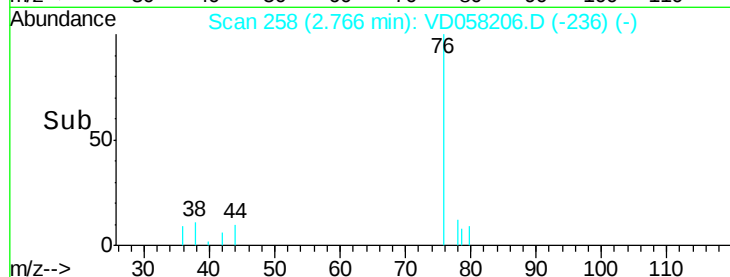
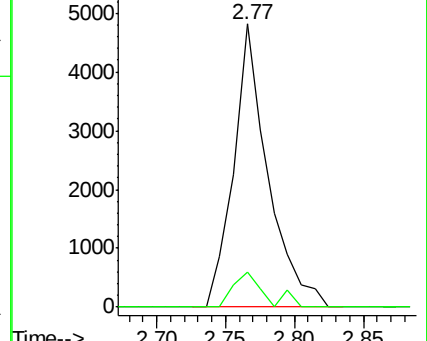
76 100

78 19.8 6.8 10.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 79.28 ug/l

RT: 2.95 min Scan# 277

Delta R.T. 0.02 min

Lab File: VD058206.D

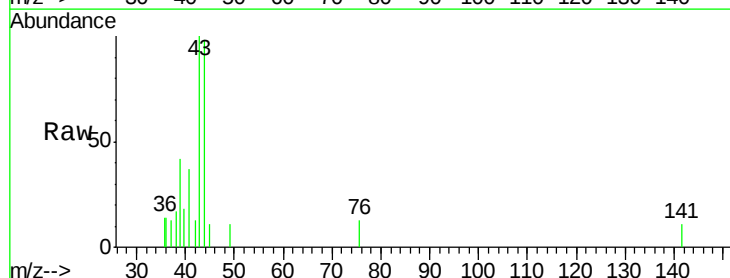
Acq: 20 Jun 2018 13:15

Tgt Ion: 43 Resp: 8742

Ion Ratio Lower Upper

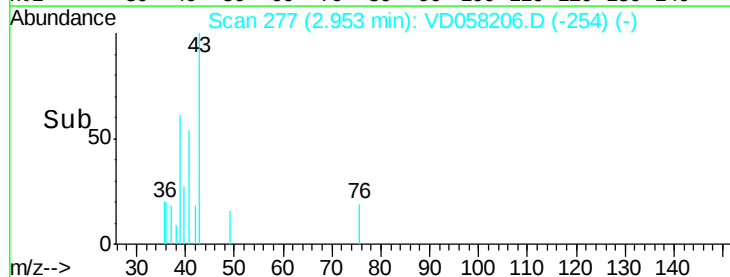
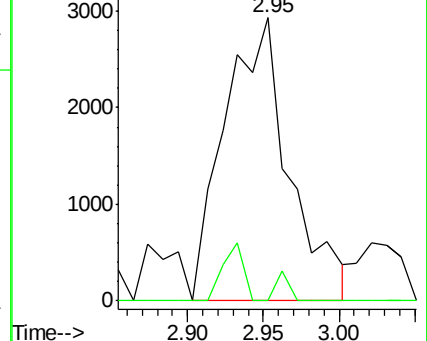
43 100

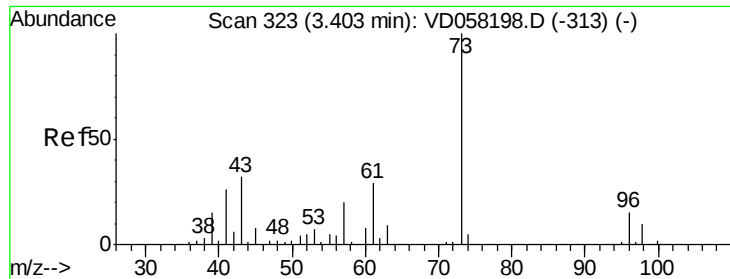
74 0.0 11.7 17.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

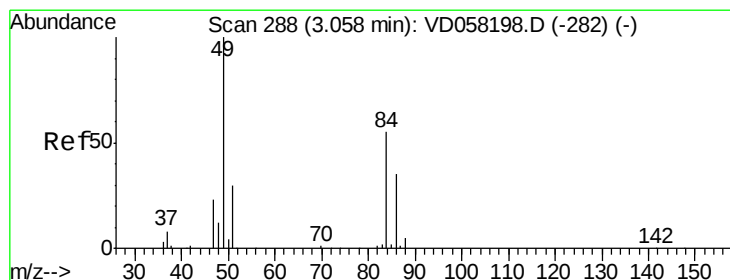
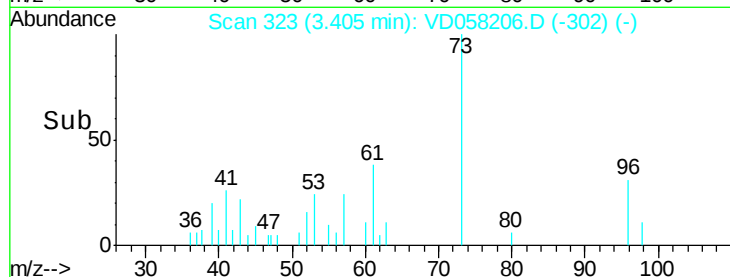
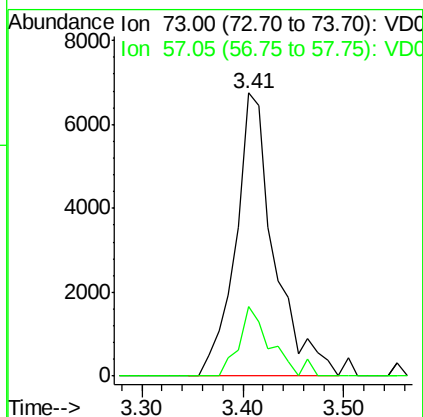
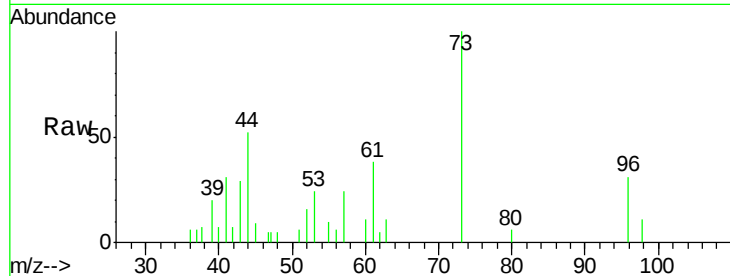




#19  
Methvl tert-butvl Ether  
Concen: 52.49 ug/l  
RT: 3.41 min Scan# 323  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

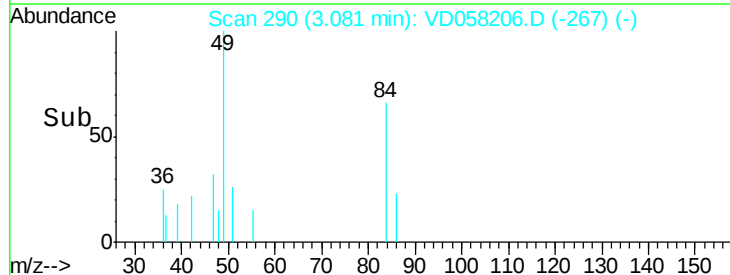
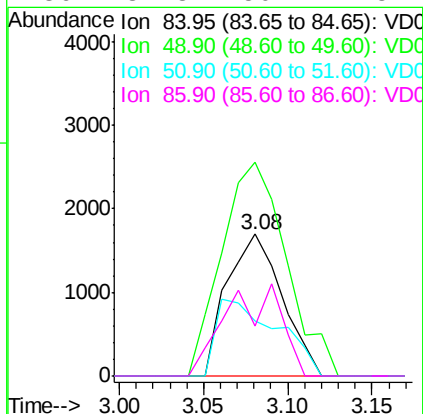
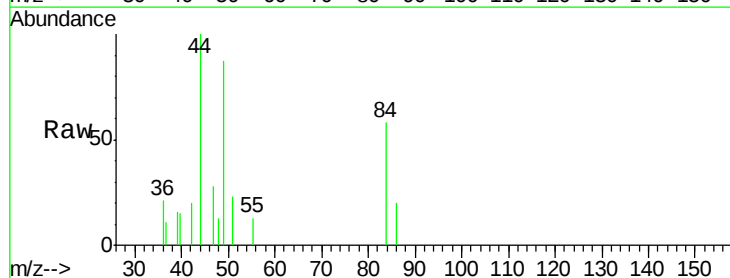
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

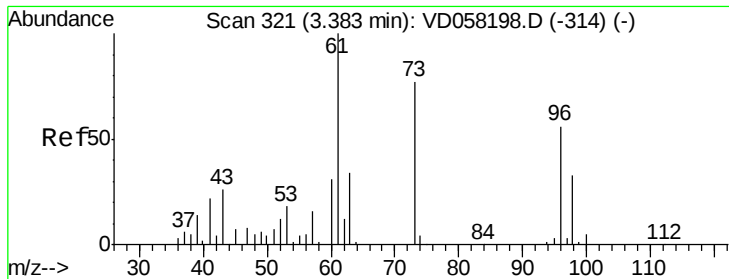
Tot Ion: 73 Resp: 17904  
Ion Ratio Lower Upper  
73 100  
57 24.4 16.6 24.8



#20  
Methylene Chloride  
Concen: 26.16 ug/l  
RT: 3.08 min Scan# 290  
Delta R.T. 0.02 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 84 Resp: 3838  
Ion Ratio Lower Upper  
84 100  
49 150.6 145.0 217.6  
51 39.0 42.9 64.3#  
86 34.8 50.1 75.1#





#21

trans-1,2-Dichloroethene

Concen: 36.49 ug/l

RT: 3.41 min Scan# 323

Delta R.T. 0.02 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

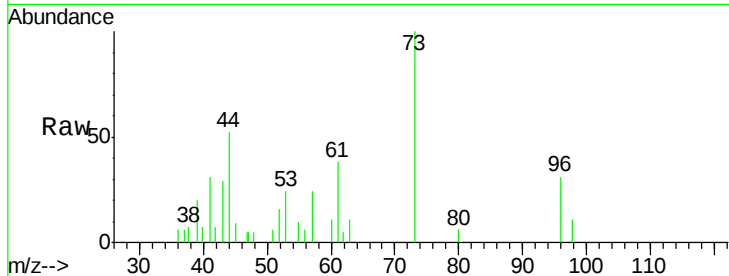
Tot Ion: 96 Resp: 5129

Ion Ratio Lower Upper

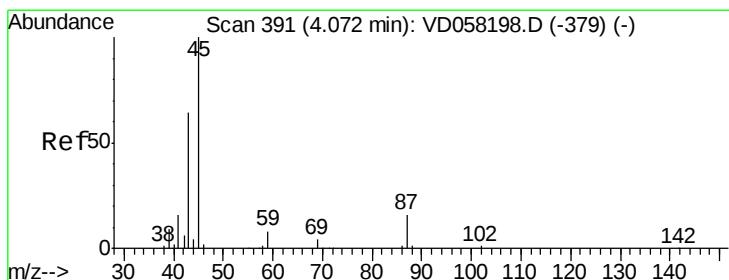
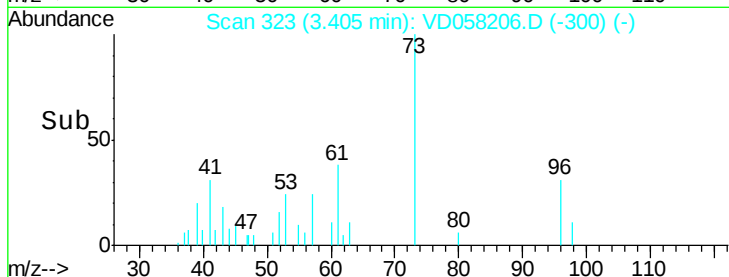
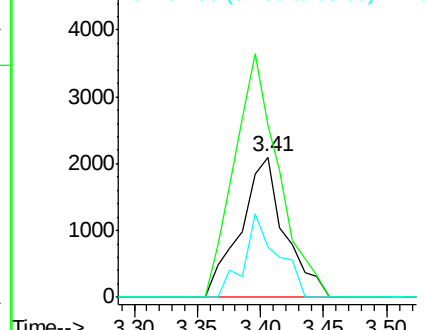
96 100

61 122.3 143.8 215.6#

98 36.4 48.0 72.0#



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: 24.64 ug/l

RT: 4.07 min Scan# 391

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Tgt Ion: 45 Resp: 29295

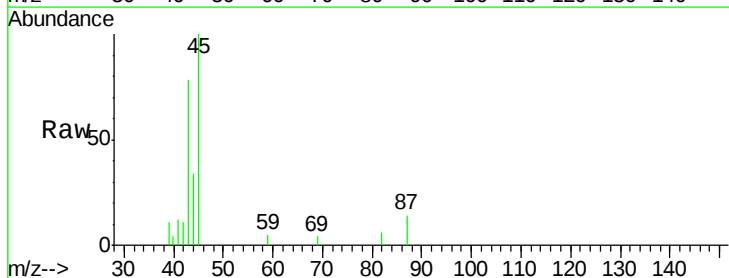
Ion Ratio Lower Upper

45 100

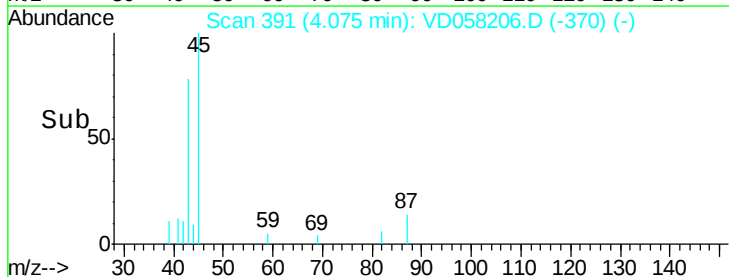
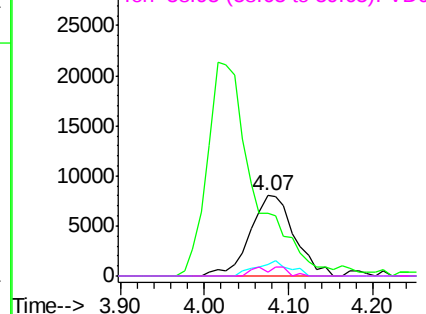
43 77.5 51.4 77.0#

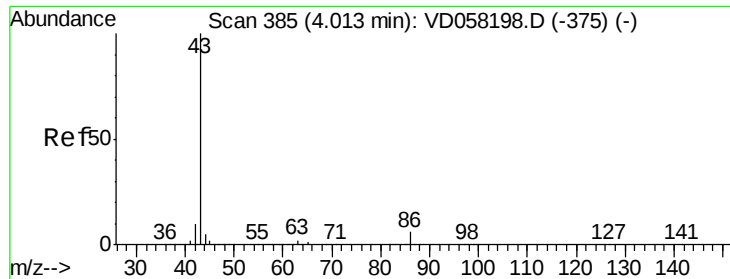
87 13.9 13.0 19.4

59 4.9 6.9 10.3#



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

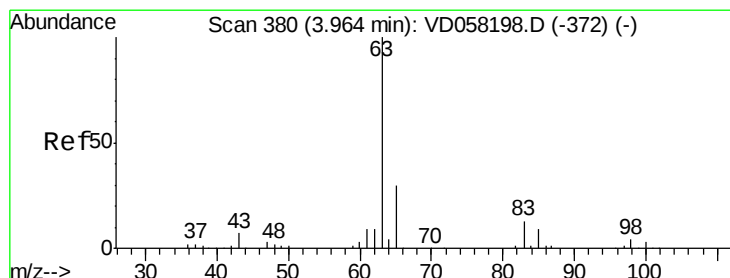
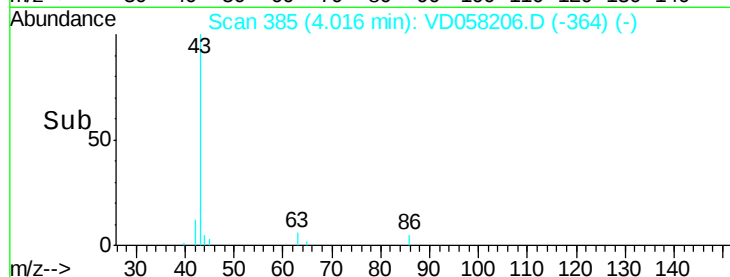
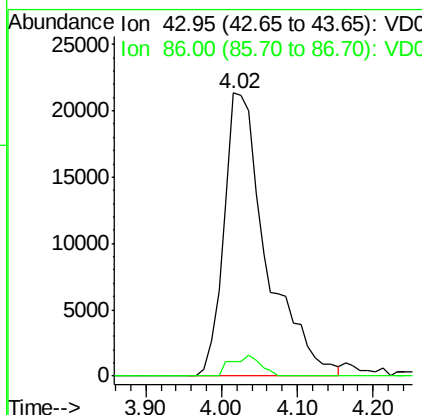
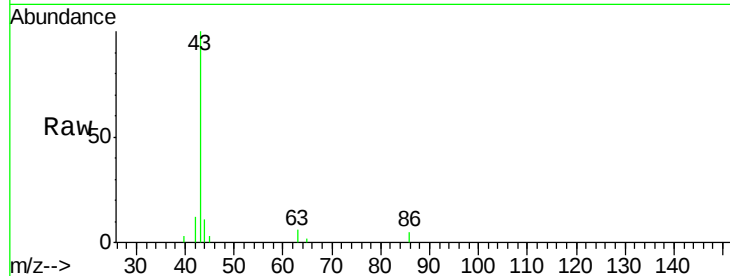




#23  
 Vinyl Acetate  
 Concen: 130.32 ug/l  
 RT: 4.02 min Scan# 385  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

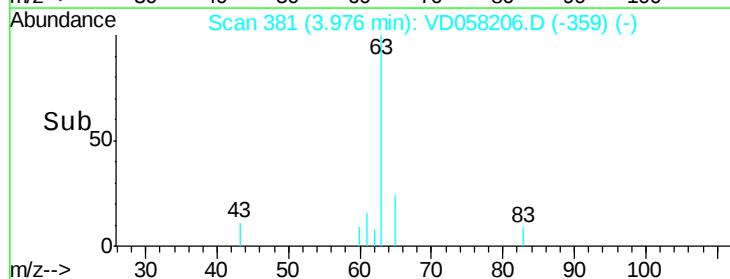
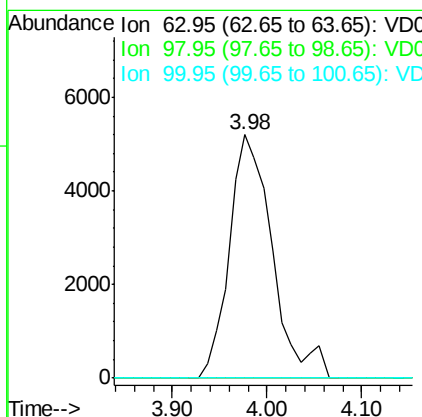
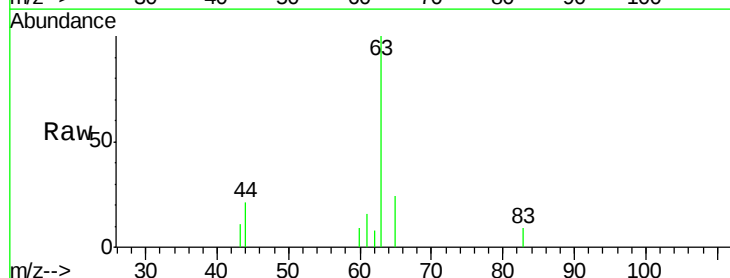
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0620SBS01

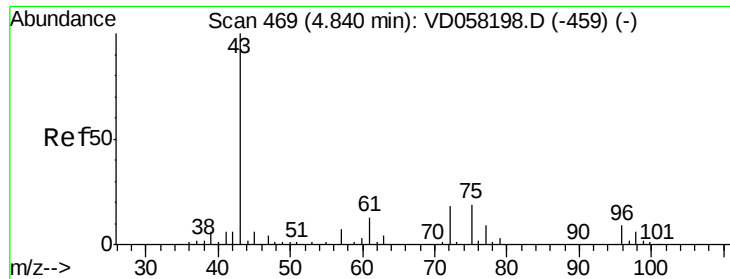
Tot Ion: 43 Resp: 83042  
 Ion Ratio Lower Upper  
 43 100  
 86 5.0 5.0 7.4



#24  
 1,1-Dichloroethane  
 Concen: 25.49 ug/l  
 RT: 3.98 min Scan# 381  
 Delta R.T. 0.01 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion: 63 Resp: 16327  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 1.9 5.7#  
 100 0.0 1.3 3.9#





#25

2-Butanone

Concen: 434.36 ug/l

RT: 4.85 min Scan# 470

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

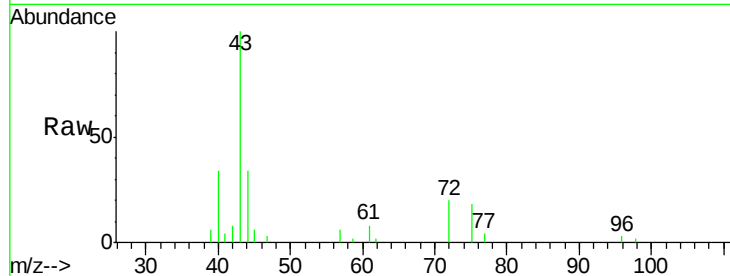
VD0620SBS01

Tot Ion: 43 Resp: 48948

Ion Ratio Lower Upper

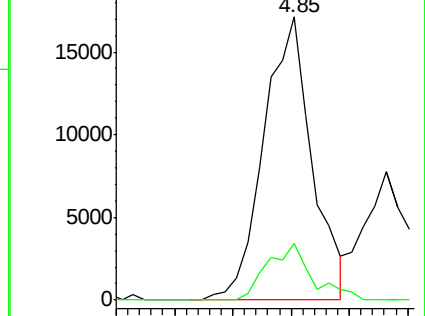
43 100

72 20.1 14.1 21.1

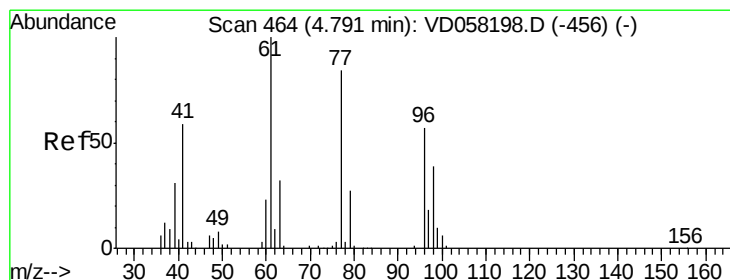
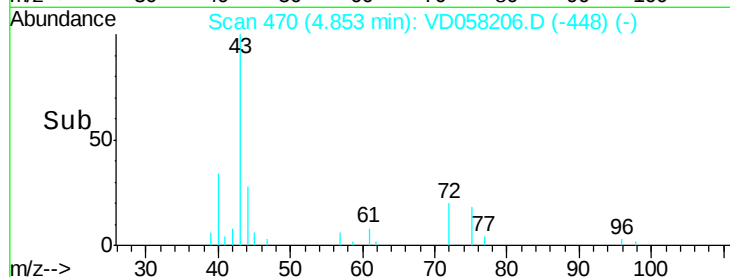


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time--> 4.70 4.75 4.80 4.85 4.90



#26

2,2-Dichloropropane

Concen: 18.56 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD058206.D

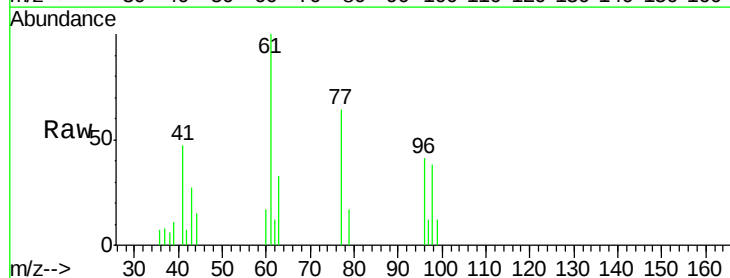
Acq: 20 Jun 2018 13:15

Tgt Ion: 77 Resp: 9952

Ion Ratio Lower Upper

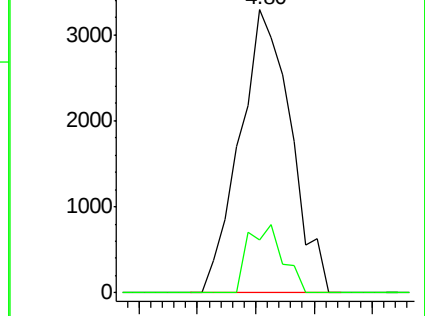
77 100

97 18.5 10.5 31.6

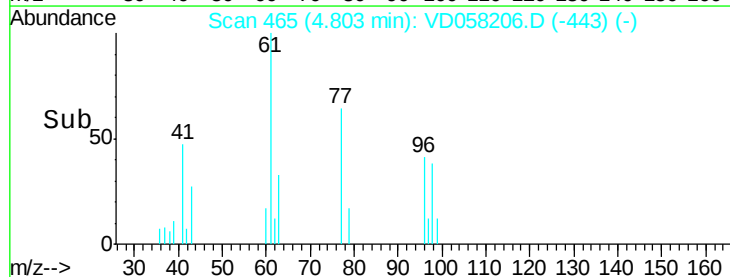


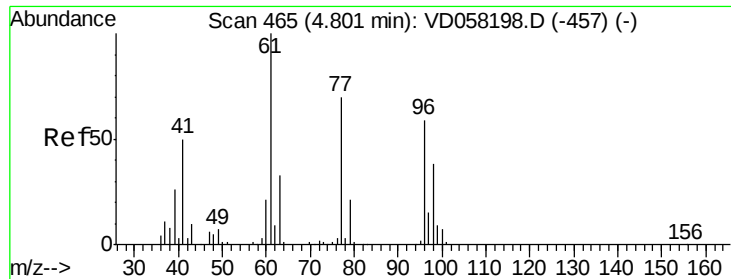
Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



Time--> 4.70 4.75 4.80 4.85 4.90





#27

cis-1,2-Dichloroethene

Concen: 23.53 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

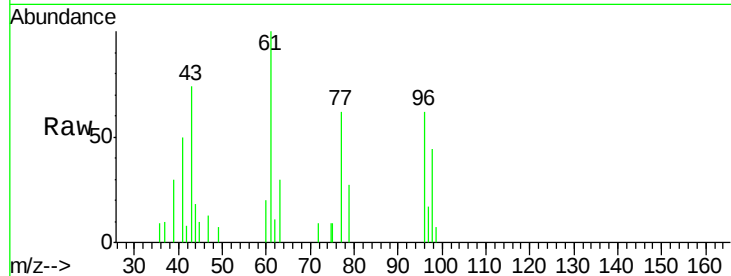
Tot Ion: 96 Resp: 8263

Ion Ratio Lower Upper

96 100

61 160.5 0.0 338.6

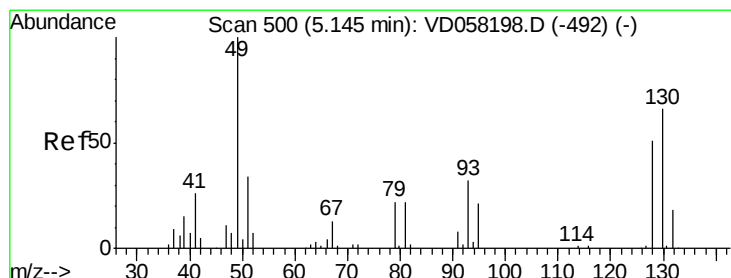
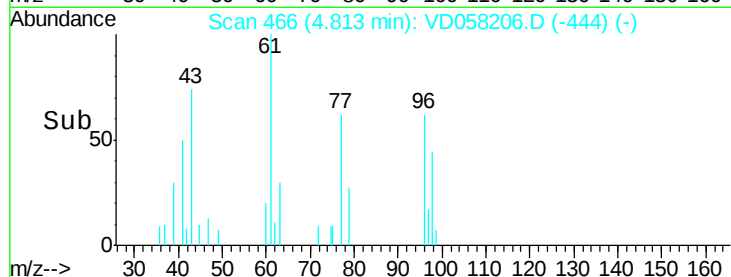
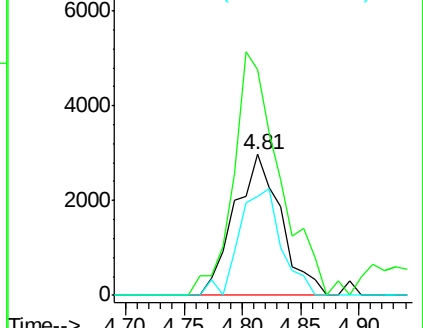
98 70.2 0.0 130.2



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: 29.32 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

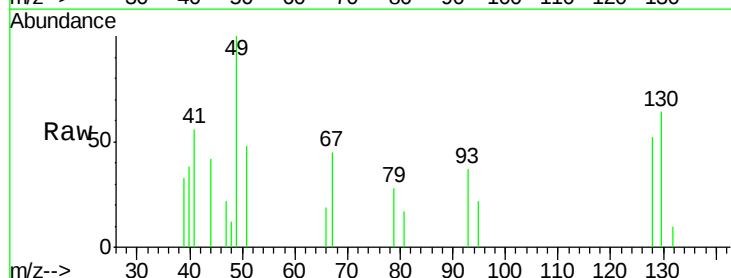
Tgt Ion: 49 Resp: 8418

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

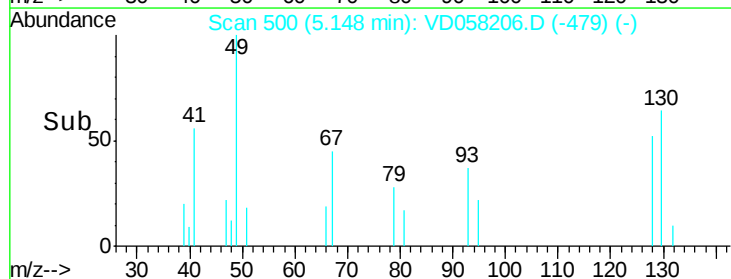
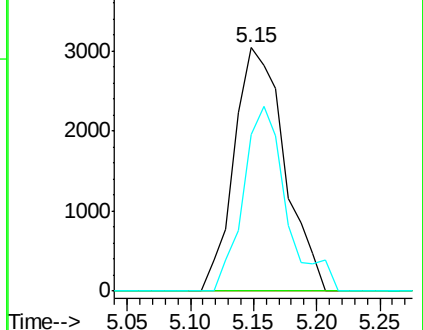
130 64.3 52.6 79.0



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

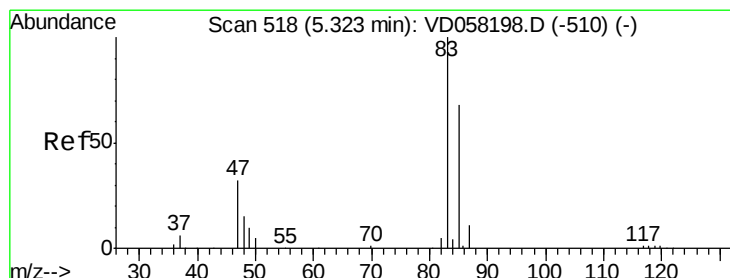
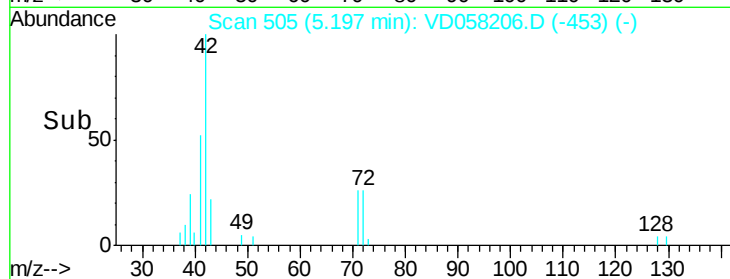
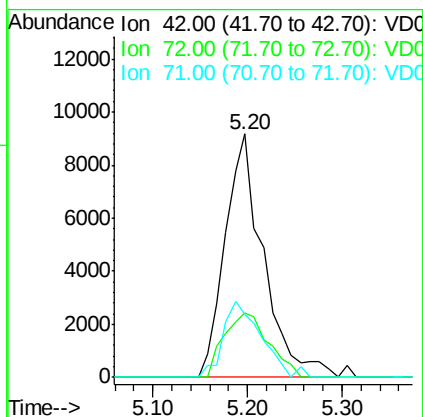
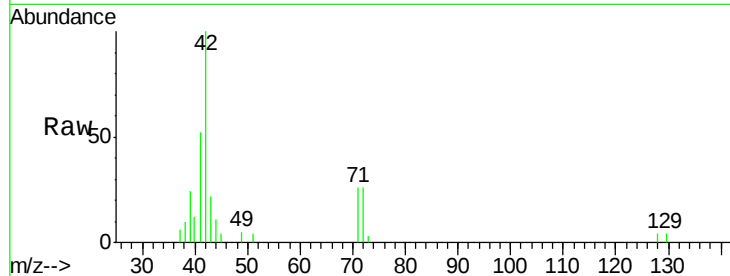




#29  
Tetrahydrofuran  
Concen: 428.71 ug/l  
RT: 5.20 min Scan# 505  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

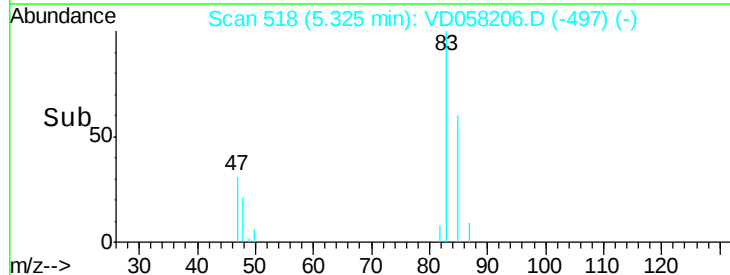
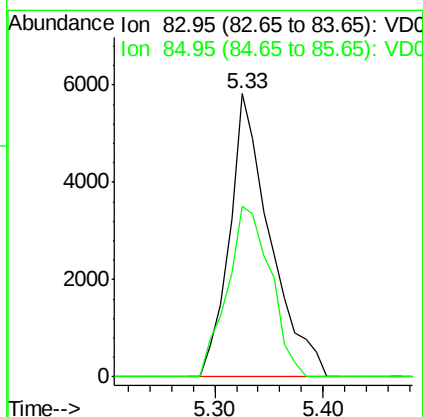
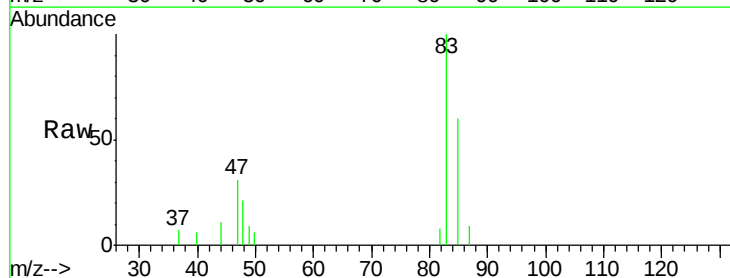
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

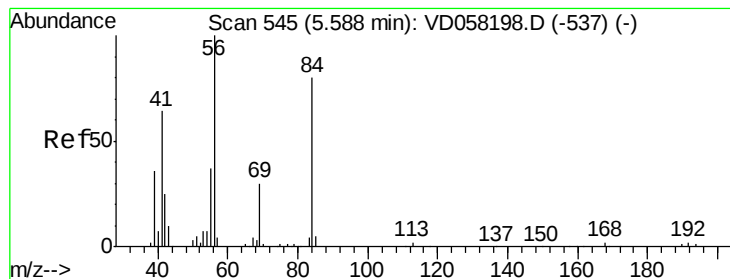
Tot Ion: 42 Resp: 25715  
Ion Ratio Lower Upper  
42 100  
72 30.8 30.2 45.2  
71 31.1 30.1 45.1



#30  
Chloroform  
Concen: 22.54 ug/l  
RT: 5.33 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 83 Resp: 15238  
Ion Ratio Lower Upper  
83 100  
85 60.2 54.8 82.2





#31

Cyclohexane

Concen: 17.82 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

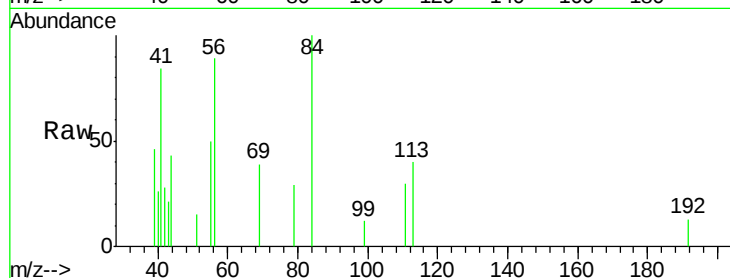
Tot Ion: 56 Resp: 9849

Ion Ratio Lower Upper

56 100

69 43.4 23.6 35.4#

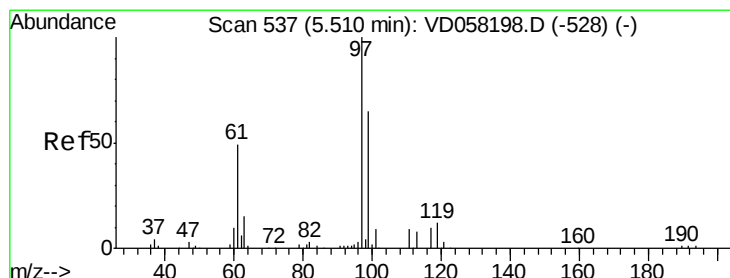
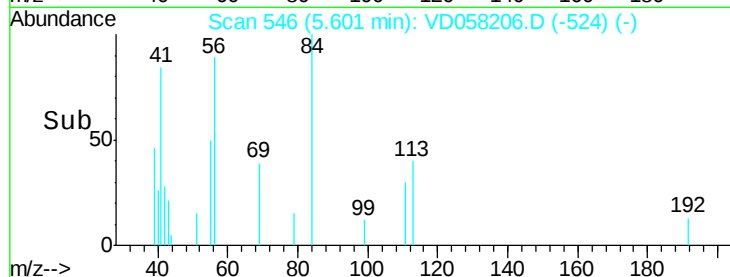
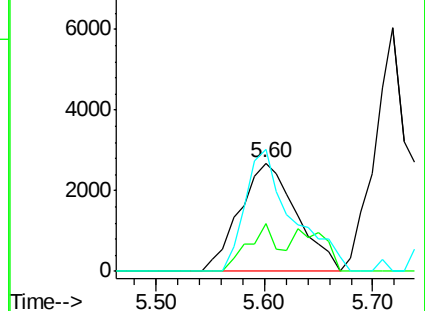
84 112.4 65.2 97.8#



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: 17.64 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

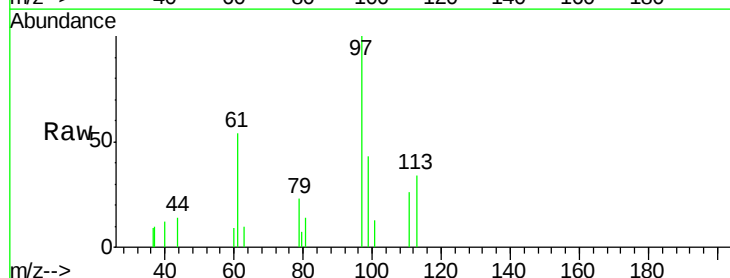
Tgt Ion: 97 Resp: 9853

Ion Ratio Lower Upper

97 100

99 42.9 52.2 78.4#

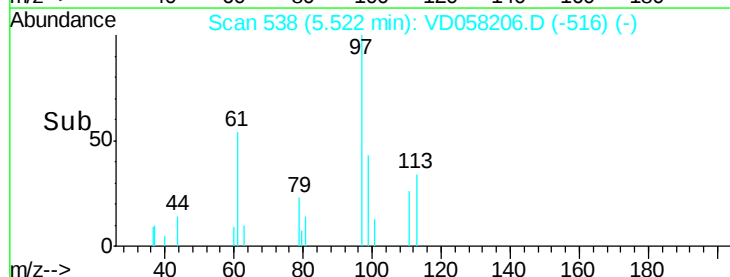
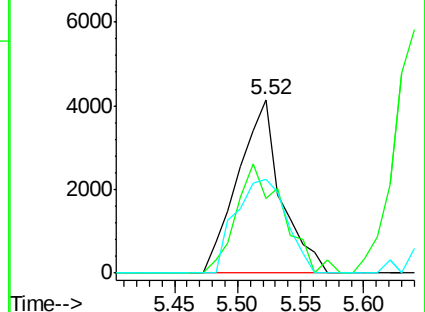
61 53.9 39.0 58.4



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: 17.64 ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

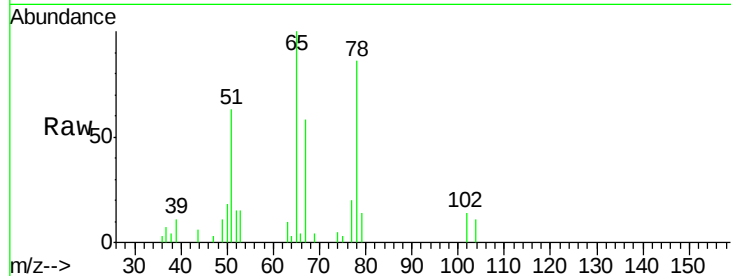
VD0620SBS01

Tot Ion: 65 Resp: 28023

Ion Ratio Lower Upper

65 100

67 57.9 0.0 97.8

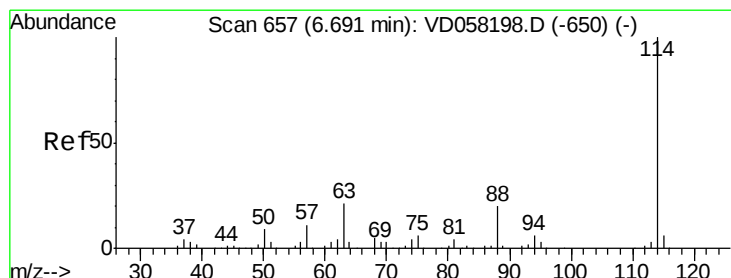
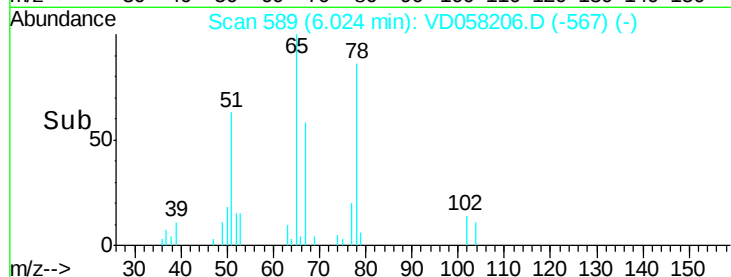


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

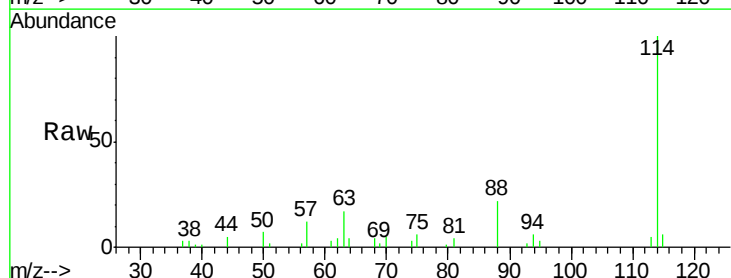
Tgt Ion: 114 Resp: 53574

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.6

88 21.5 0.0 40.6



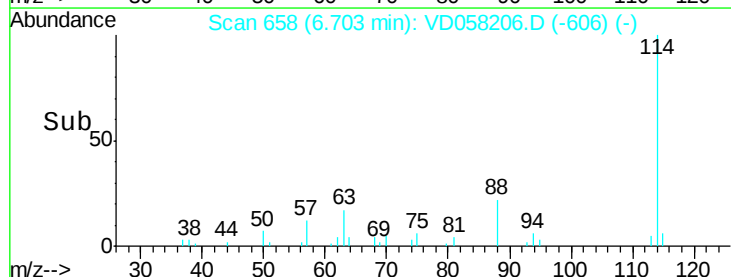
Abundance Ion 114.00 (113.70 to 114.70): V

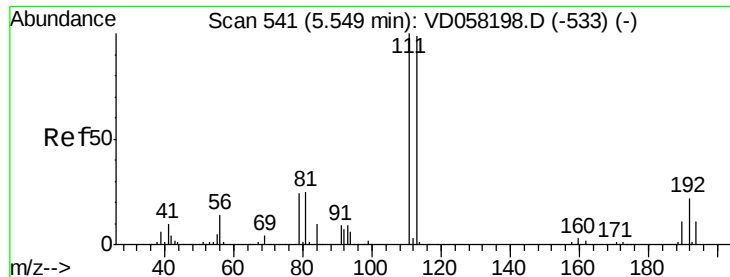
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

6.70

Time--> 6.60 6.70 6.80





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

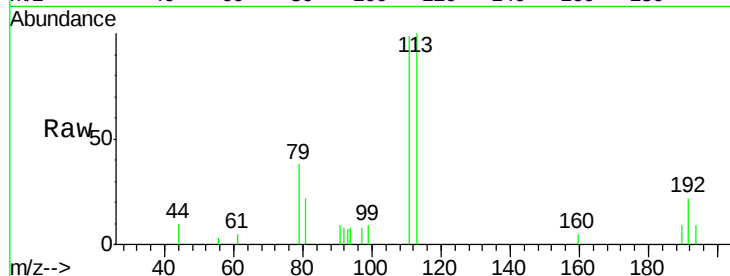
Tot Ion:113 Resp: 25550

Ion Ratio Lower Upper

113 100

111 99.3 80.6 121.0

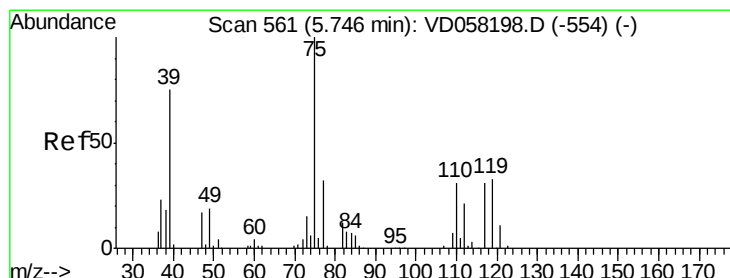
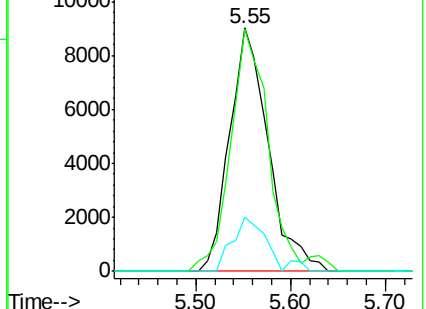
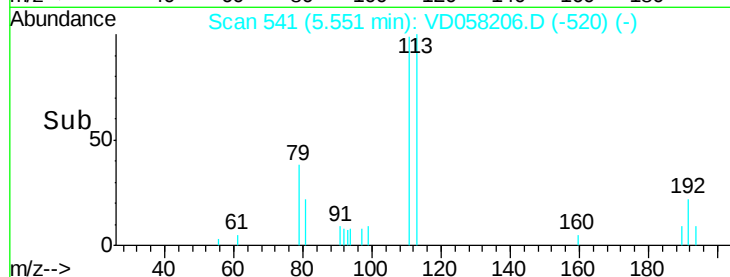
192 22.5 17.8 26.6



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: 19.46 ug/l

RT: 5.76 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

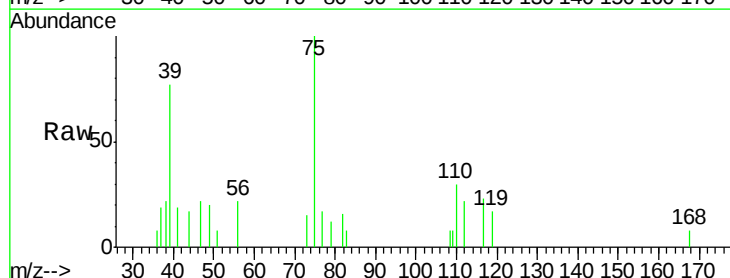
Tgt Ion: 75 Resp: 10312

Ion Ratio Lower Upper

75 100

110 30.4 15.4 46.4

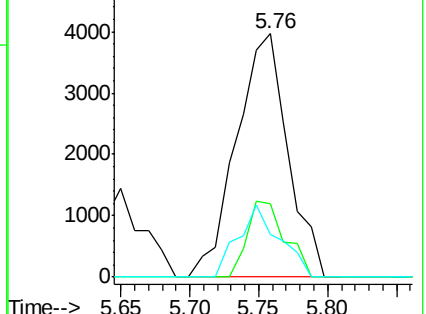
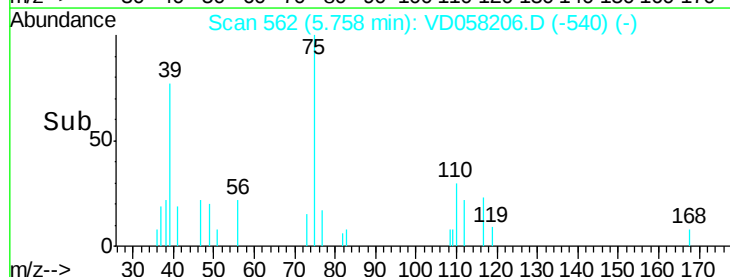
77 17.4 25.4 38.2#

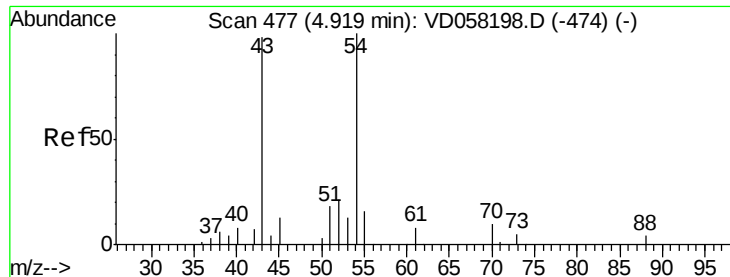


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

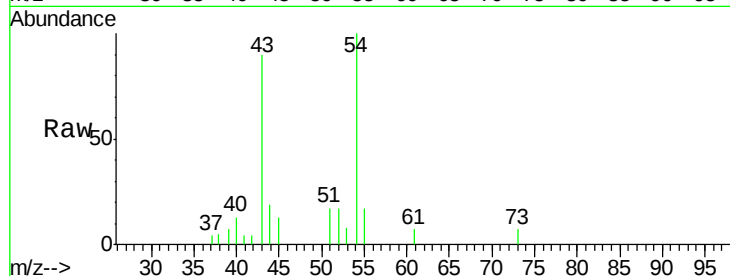




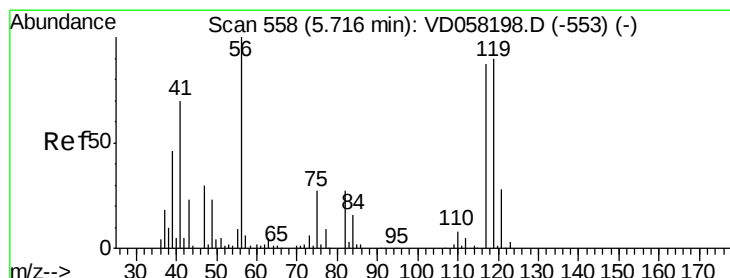
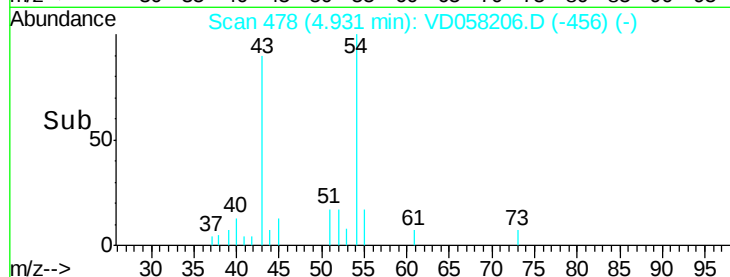
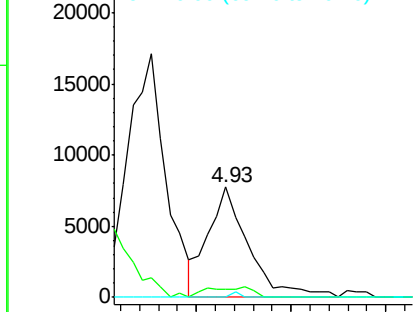
#37  
Ethyl Acetate  
Concen: 76.06 ug/l  
RT: 4.93 min Scan# 478  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

Tot Ion: 43 Resp: 22967  
Ion Ratio Lower Upper  
43 100  
61 7.7 10.3 15.5#  
70 0.0 5.7 8.5#

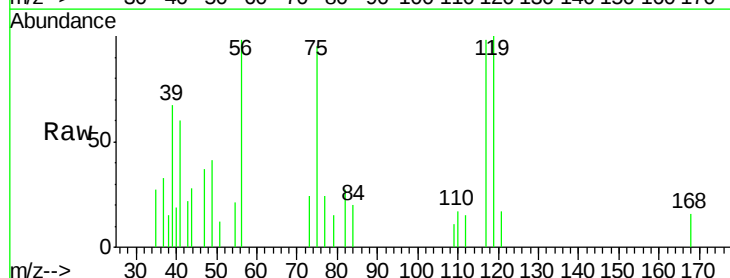


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

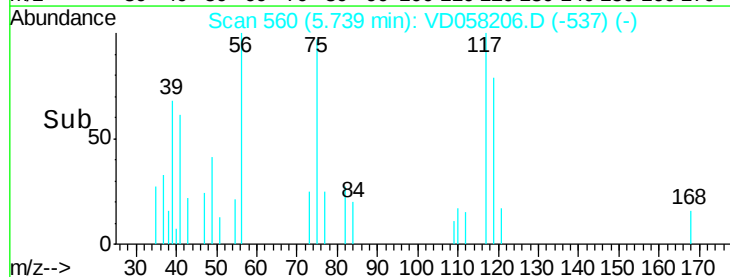
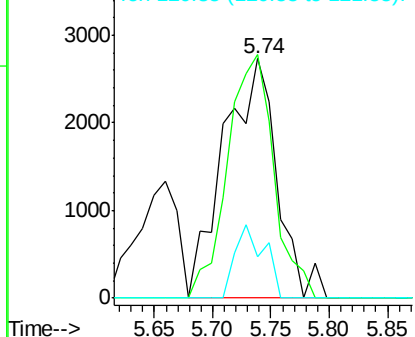


#38  
Carbon Tetrachloride  
Concen: 16.40 ug/l  
RT: 5.74 min Scan# 560  
Delta R.T. 0.02 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 117 Resp: 8636  
Ion Ratio Lower Upper  
117 100  
119 101.7 78.8 118.2  
121 17.1 25.0 37.6#



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: 16.47 ug/l

RT: 7.29 min Scan# 718

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

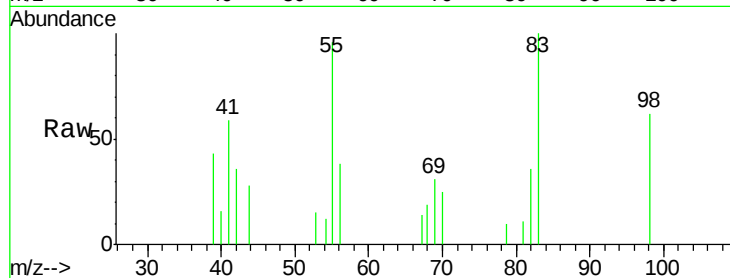
Tot Ion: 83 Resp: 8503

Ion Ratio Lower Upper

83 100

55 96.0 77.4 116.2

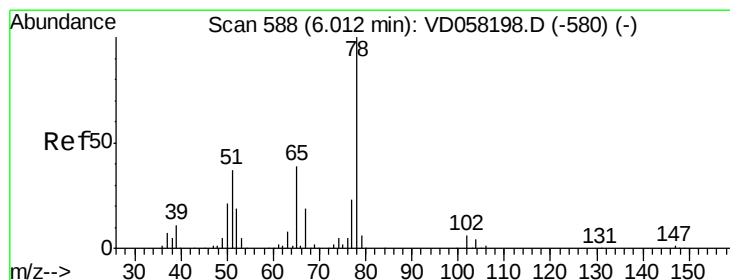
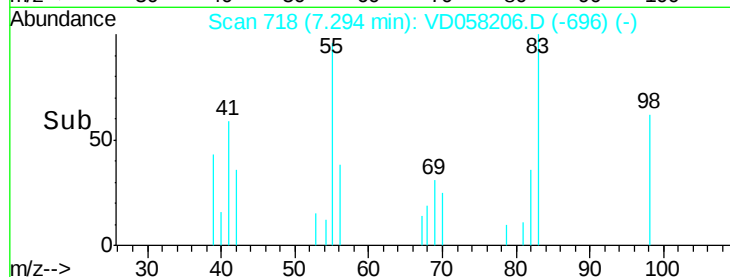
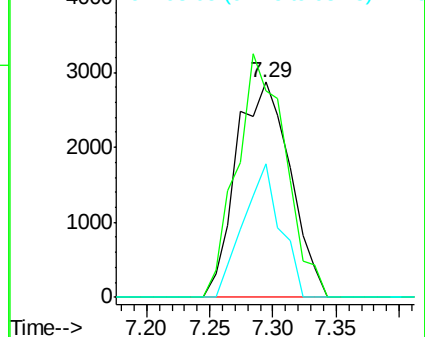
98 61.9 35.9 53.9#



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: 20.13 ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058206.D

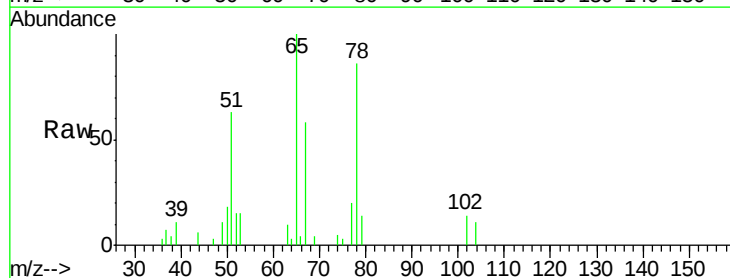
Acq: 20 Jun 2018 13:15

Tgt Ion: 78 Resp: 25418

Ion Ratio Lower Upper

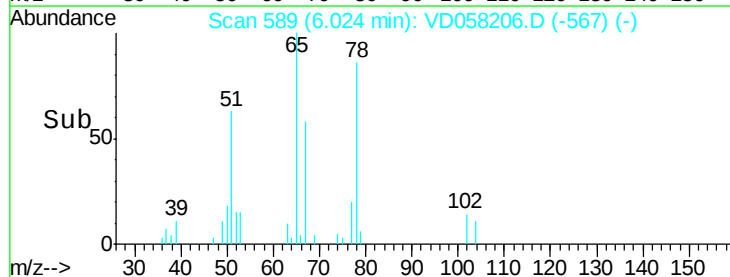
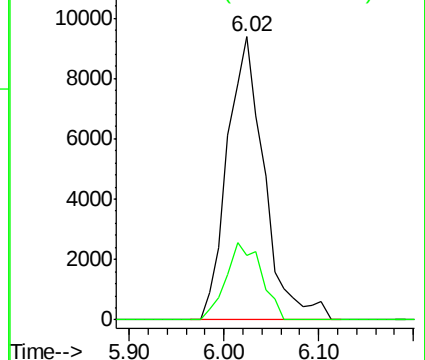
78 100

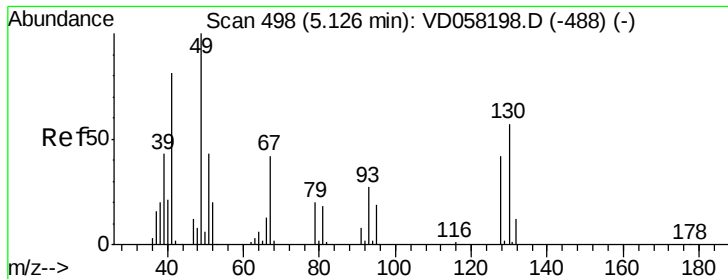
77 22.7 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 44.72 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

Tot Ion: 41 Resp: 6521

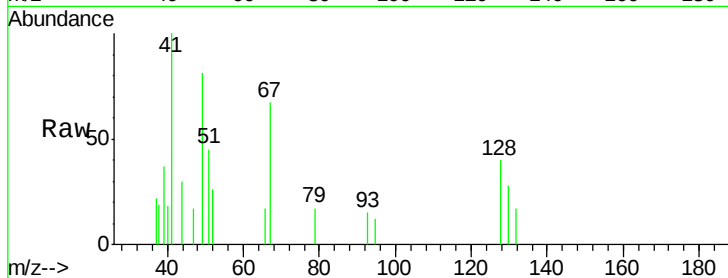
Ion Ratio Lower Upper

41 100

39 37.1 43.4 65.2#

67 66.7 41.7 62.5#

52 26.1 20.6 30.8

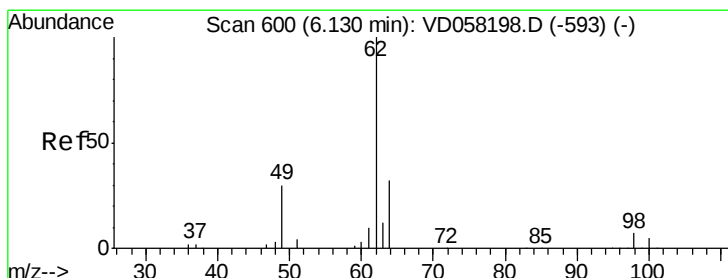
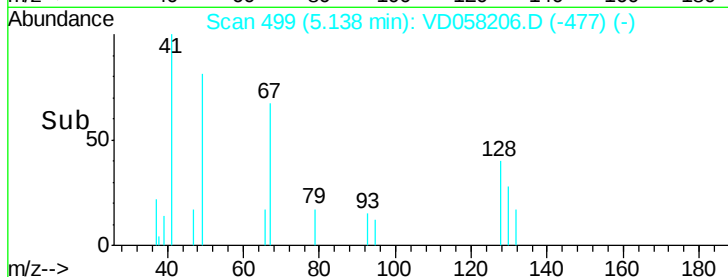
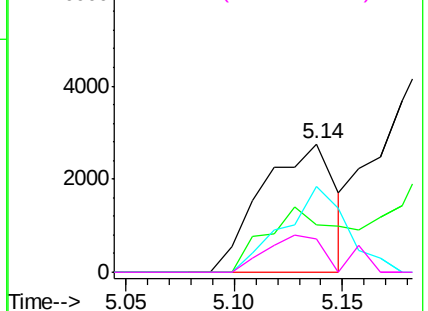


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 26.30 ug/l

RT: 6.13 min Scan# 600

Delta R.T. 0.00 min

Lab File: VD058206.D

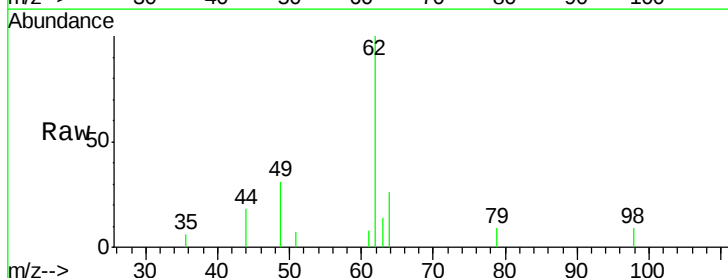
Acq: 20 Jun 2018 13:15

Tgt Ion: 62 Resp: 13387

Ion Ratio Lower Upper

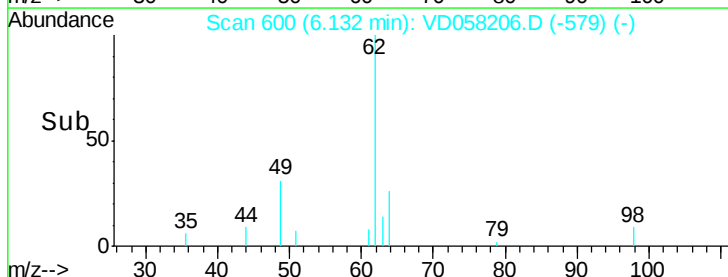
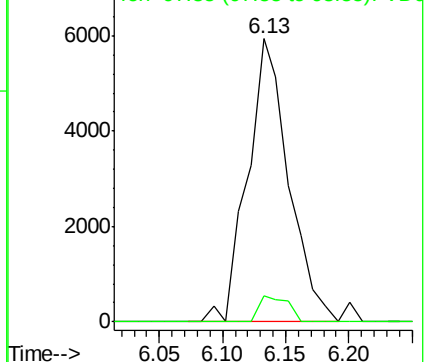
62 100

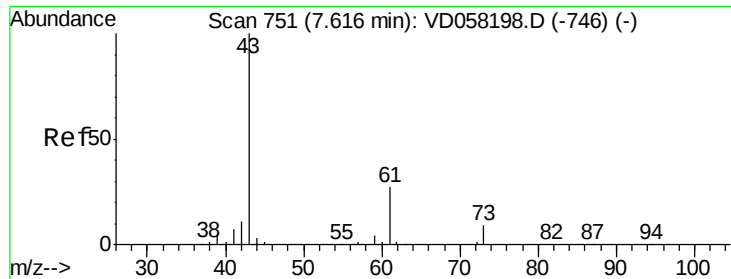
98 9.3 0.0 13.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 61.56 ug/l

RT: 7.63 min Scan# 752

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

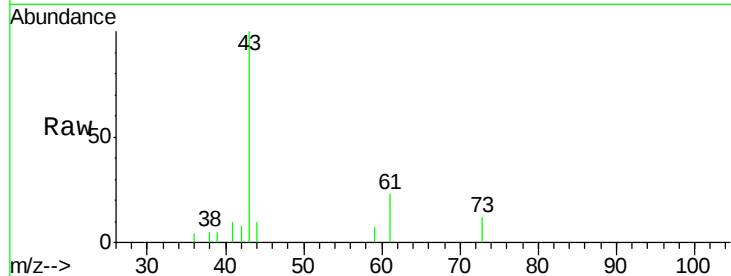
Tot Ion: 43 Resp: 24781

Ion Ratio Lower Upper

43 100

61 22.8 21.8 32.6

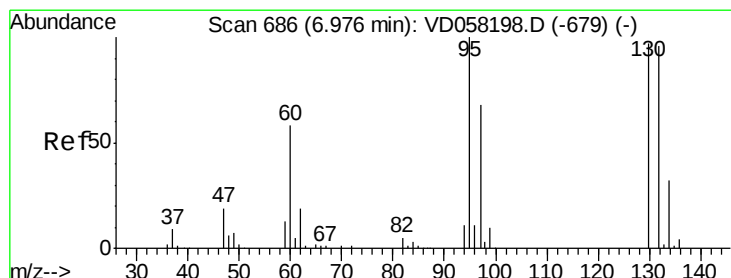
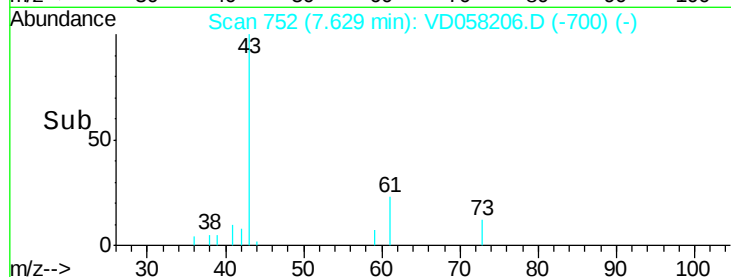
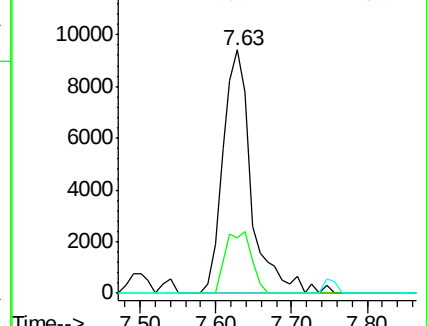
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.50 ug/l

RT: 6.99 min Scan# 687

Delta R.T. 0.01 min

Lab File: VD058206.D

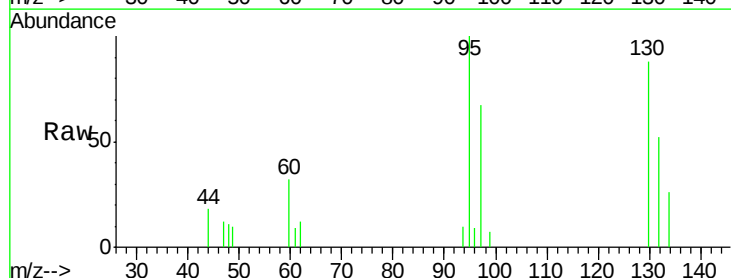
Acq: 20 Jun 2018 13:15

Tgt Ion:130 Resp: 7393

Ion Ratio Lower Upper

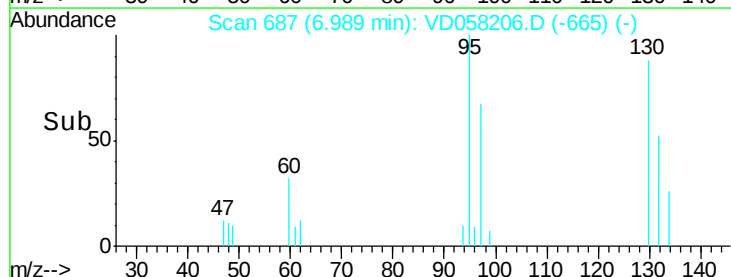
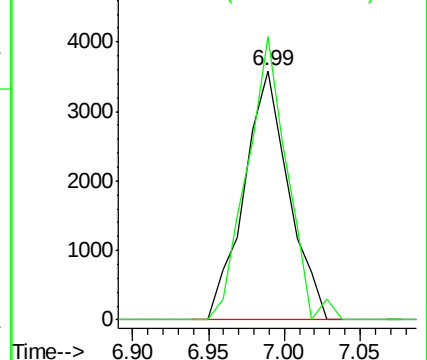
130 100

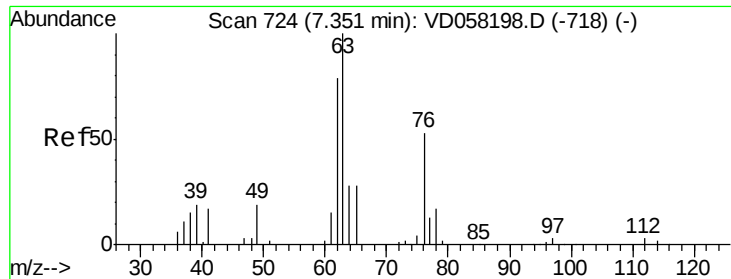
95 113.6 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 23.34 ug/l

RT: 7.36 min Scan# 725

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

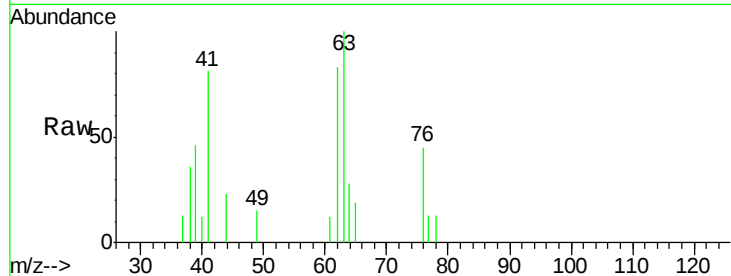
VD0620SBS01

Tot Ion: 63 Resp: 7934

Ion Ratio Lower Upper

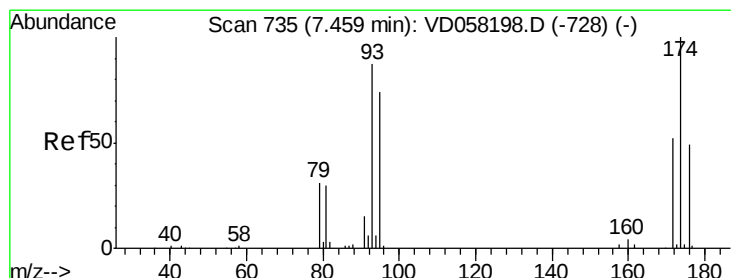
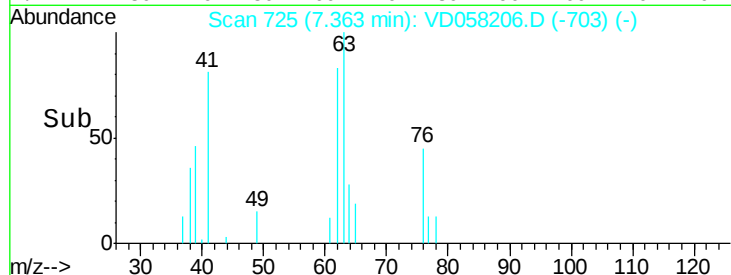
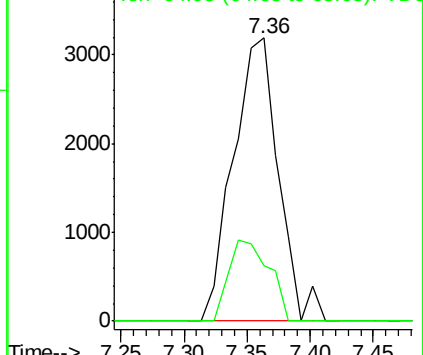
63 100

65 19.5 24.0 36.0#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 28.97 ug/l

RT: 7.47 min Scan# 736

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

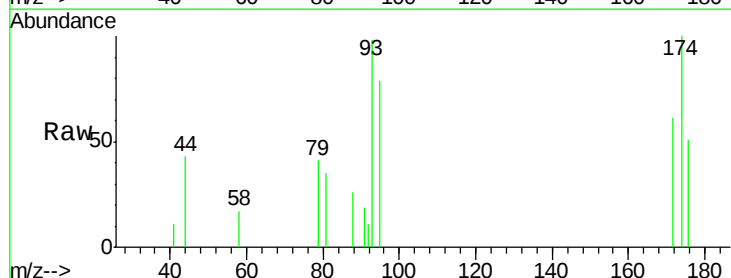
Tgt Ion: 93 Resp: 6725

Ion Ratio Lower Upper

93 100

95 79.9 67.8 101.6

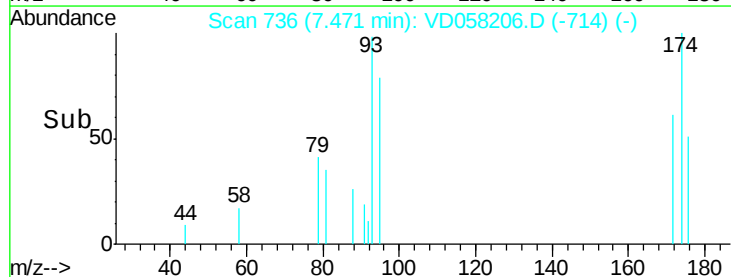
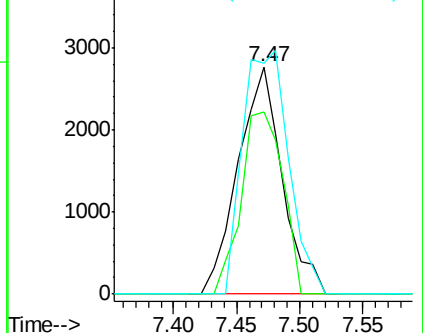
174 101.6 92.2 138.2

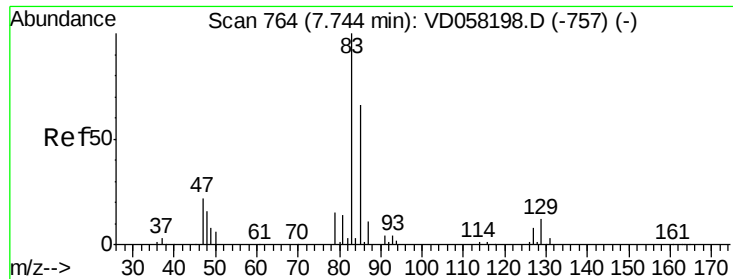


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 20.66 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

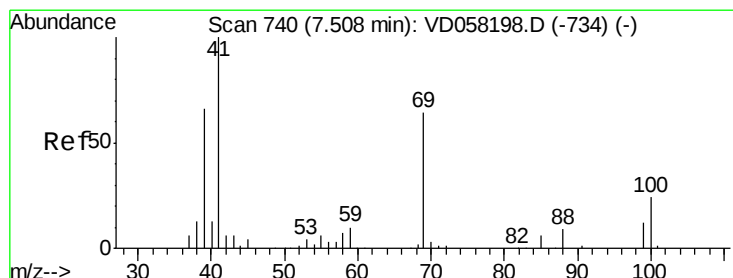
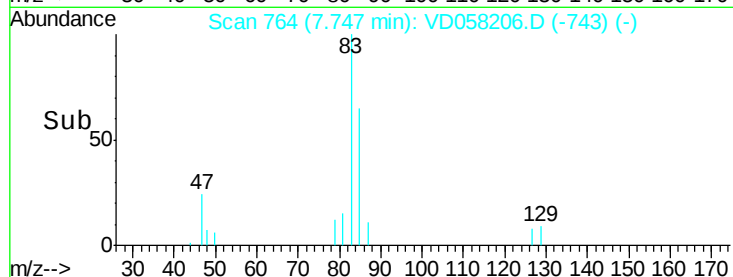
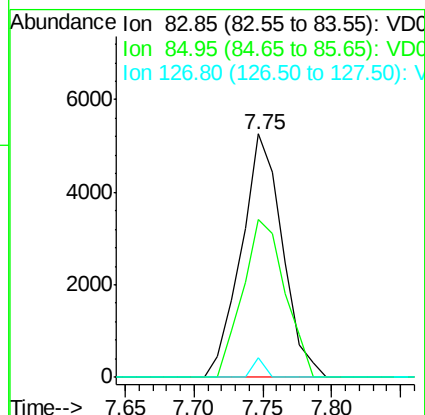
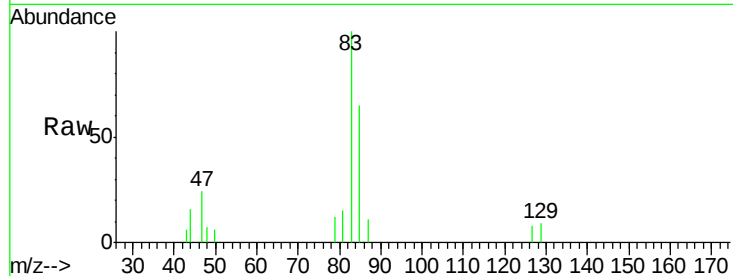
Tot Ion: 83 Resp: 10937

Ion Ratio Lower Upper

83 100

85 65.0 52.6 78.8

127 8.1 6.2 9.4



#48

Methyl methacrylate

Concen: 46.51 ug/l

RT: 7.52 min Scan# 741

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

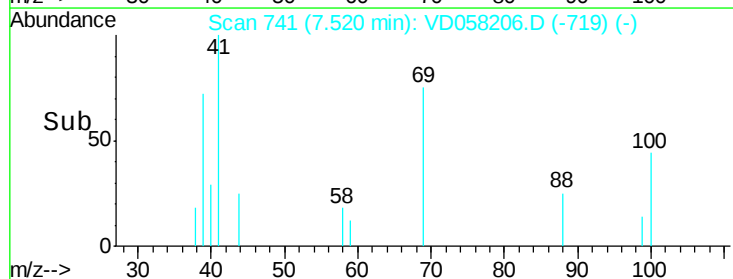
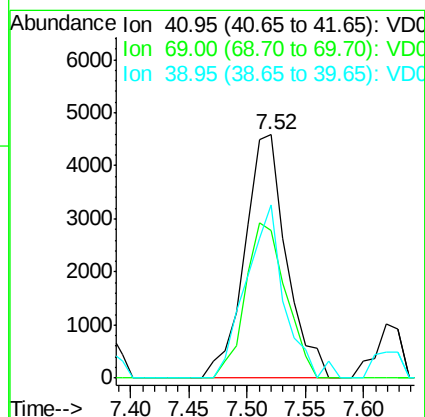
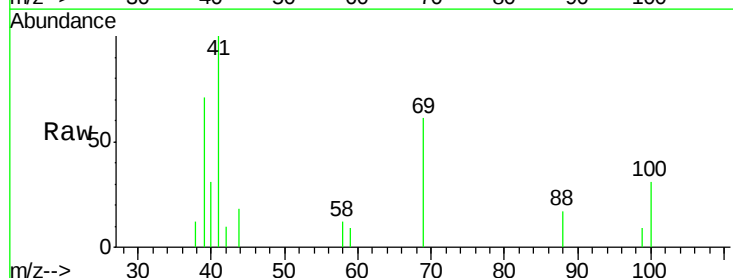
Tgt Ion: 41 Resp: 11381

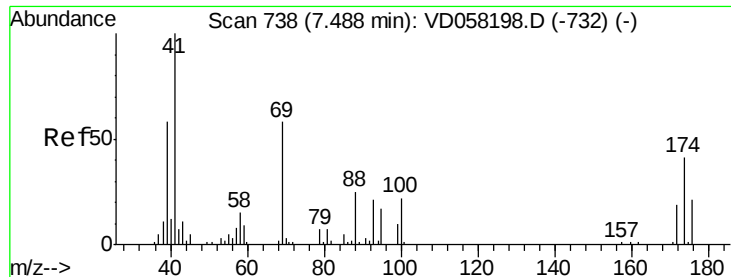
Ion Ratio Lower Upper

41 100

69 60.8 50.7 76.1

39 71.3 52.6 78.8





#49

1,4-Dioxane

Concen: 1786.60 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.02 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

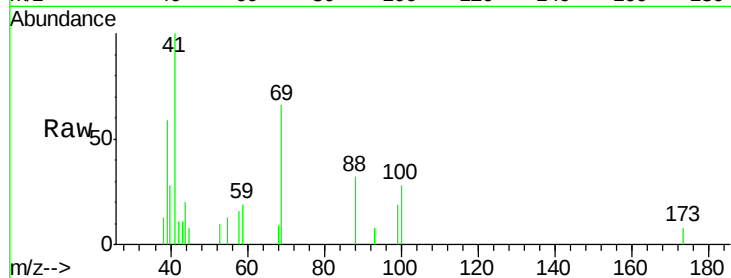
Tot Ion: 88 Resp: 3946

Ion Ratio Lower Upper

88 100

43 35.0 34.2 51.2

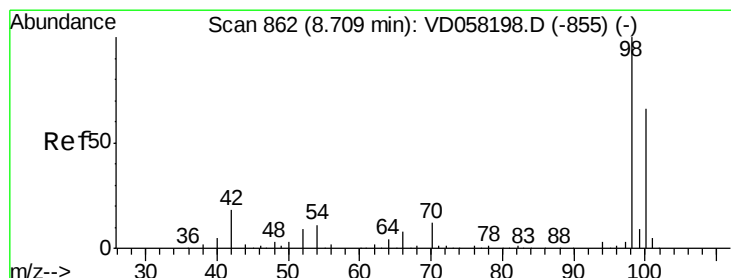
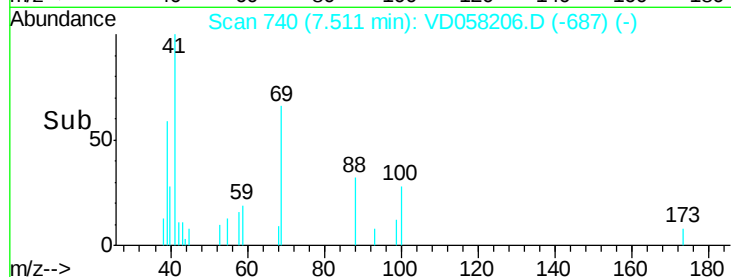
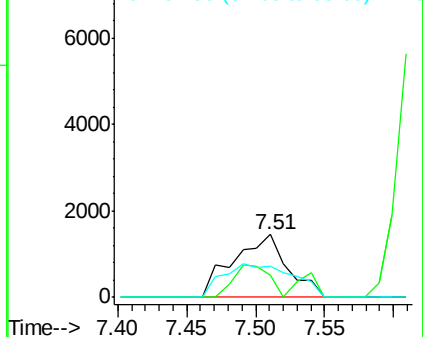
58 48.6 47.9 71.9



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1786.60 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058206.D

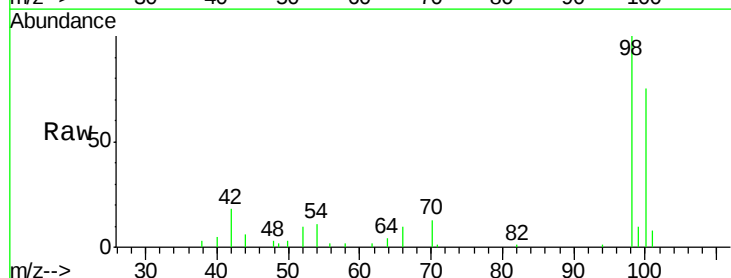
Acq: 20 Jun 2018 13:15

Tgt Ion: 98 Resp: 59874

Ion Ratio Lower Upper

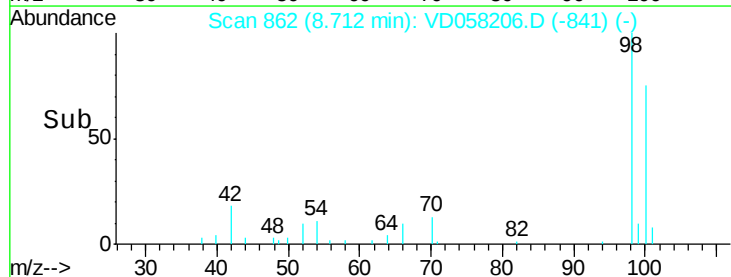
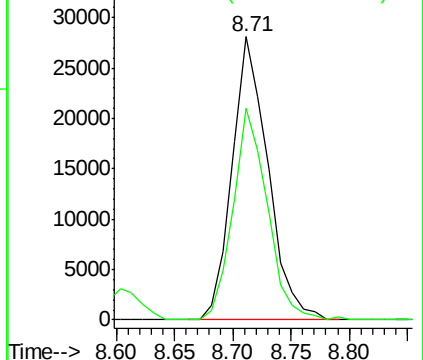
98 100

100 74.8 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 301.31 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

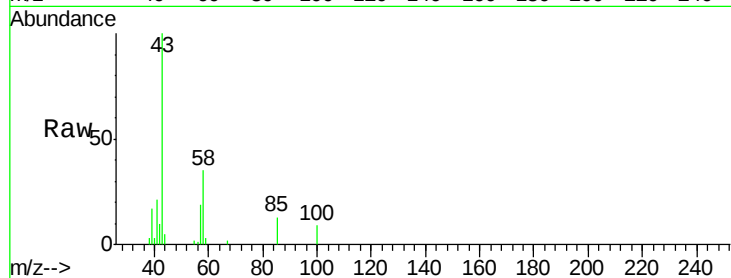
VD0620SBS01

Tot Ion: 43 Resp: 79122

Ion Ratio Lower Upper

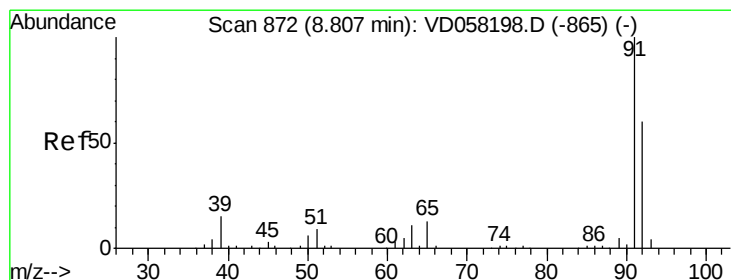
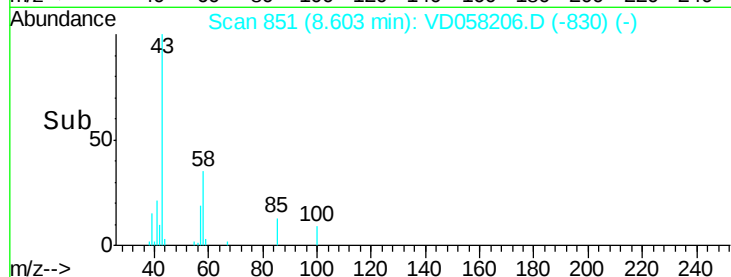
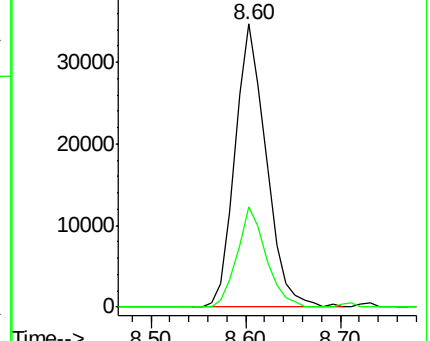
43 100

58 35.3 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 23.64 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD058206.D

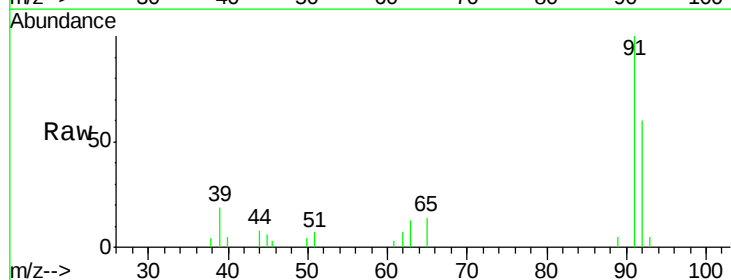
Acq: 20 Jun 2018 13:15

Tgt Ion: 92 Resp: 16996

Ion Ratio Lower Upper

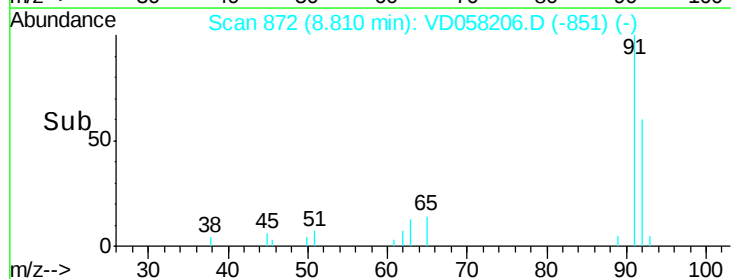
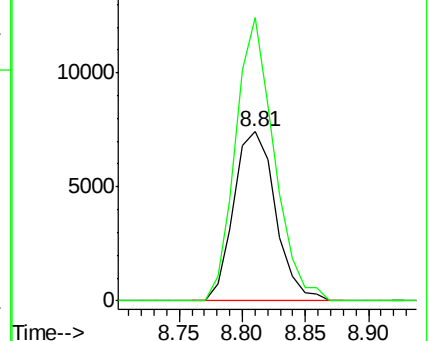
92 100

91 167.2 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

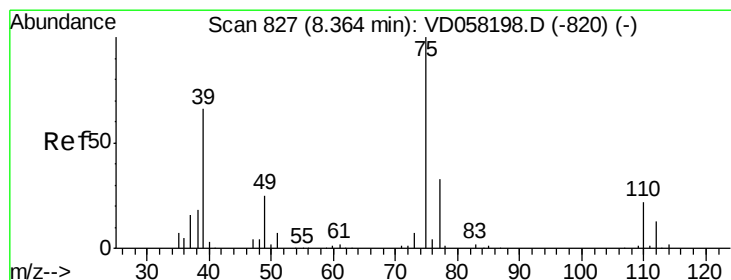
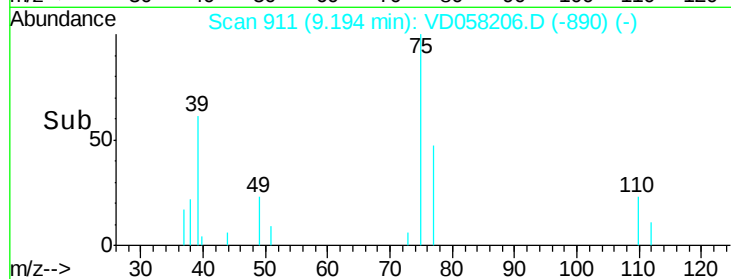
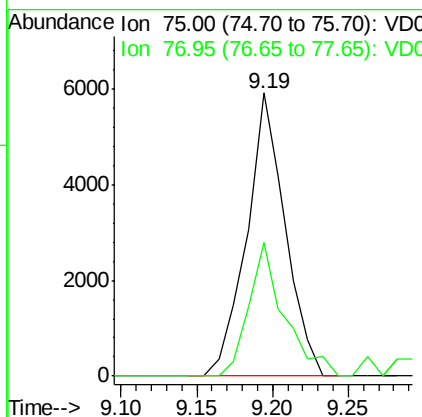
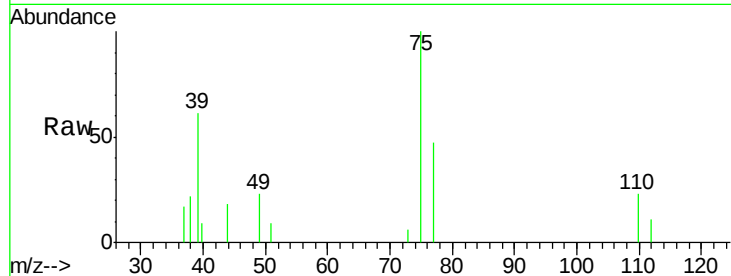




#53  
 t-1,3-Dichloropropene  
 Concen: 22.75 ug/l  
 RT: 9.19 min Scan# 911  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

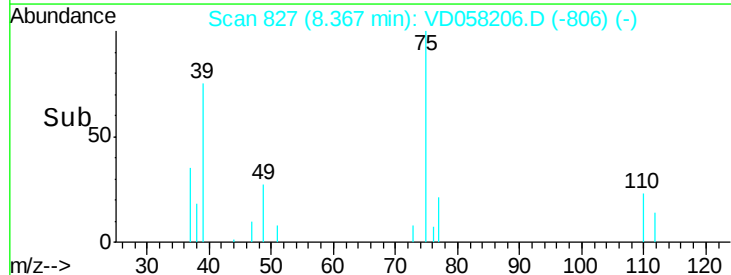
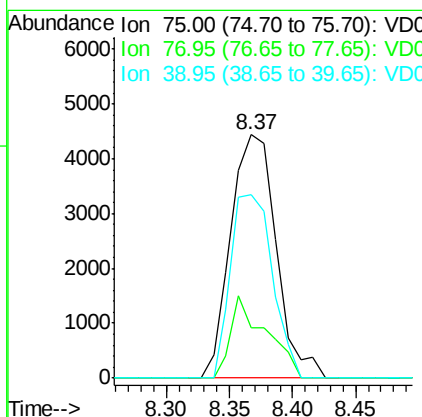
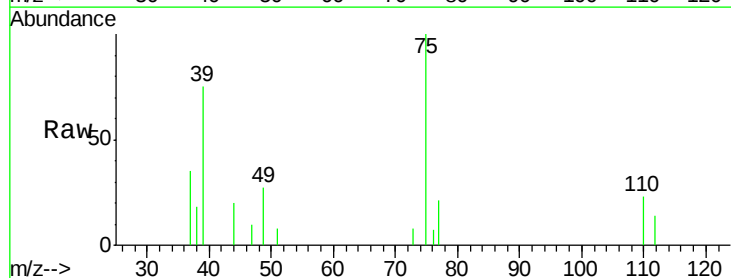
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

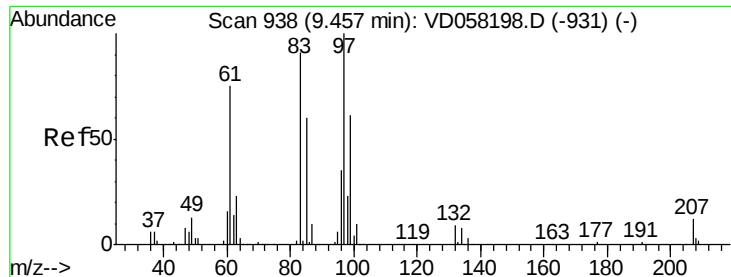
Tot Ion: 75 Resp: 10471  
 Ion Ratio Lower Upper  
 75 100  
 77 47.2 25.8 38.8#



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.65 ug/l  
 RT: 8.37 min Scan# 827  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion: 75 Resp: 11141  
 Ion Ratio Lower Upper  
 75 100  
 77 20.8 26.5 39.7#  
 39 75.5 52.9 79.3





#55

1,1,2-Trichloroethane

Concen: 32.52 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

Tot Ion: 97 Resp: 8270

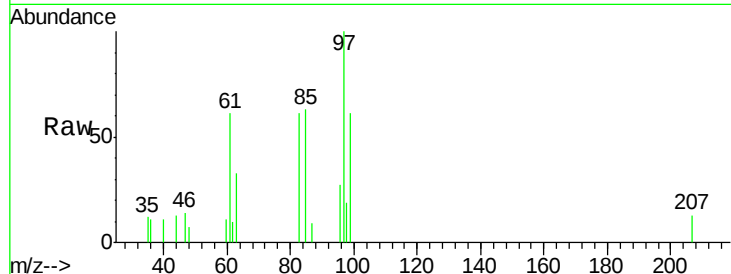
Ion Ratio Lower Upper

97 100

83 61.2 72.9 109.3#

85 63.2 48.2 72.4

99 61.2 48.9 73.3

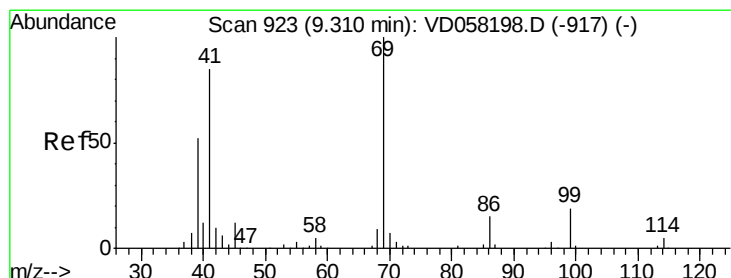
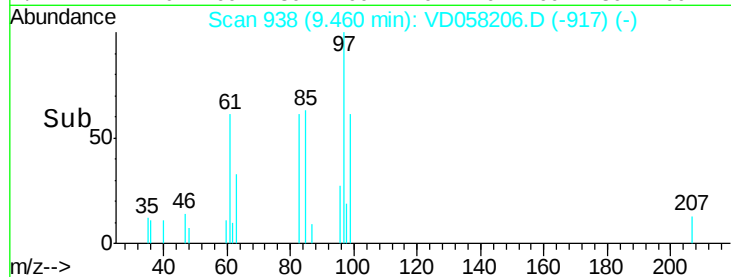
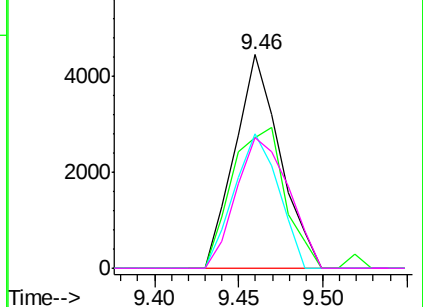


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 31.45 ug/l

RT: 9.32 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

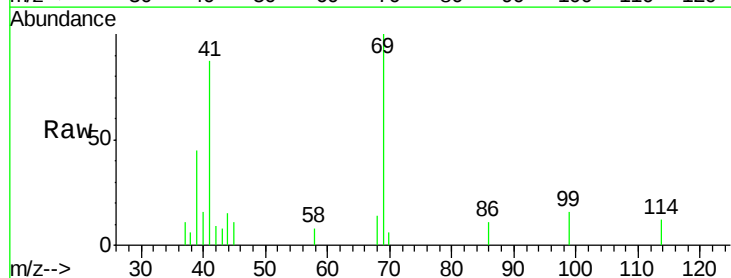
Tgt Ion: 69 Resp: 9565

Ion Ratio Lower Upper

69 100

41 87.0 67.6 101.4

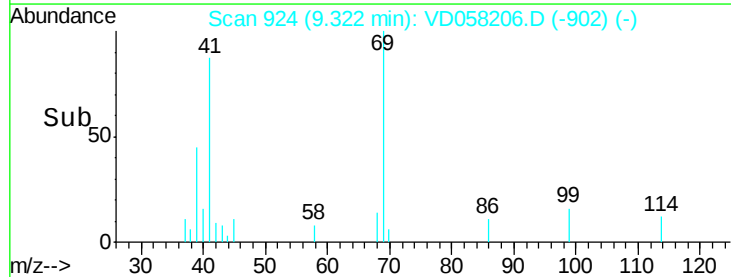
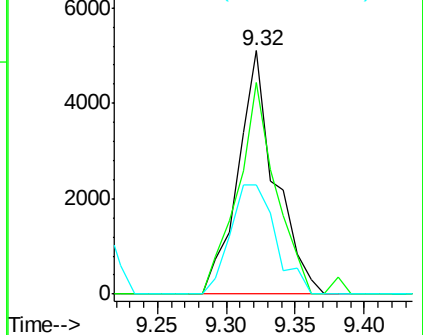
39 45.1 42.2 63.2

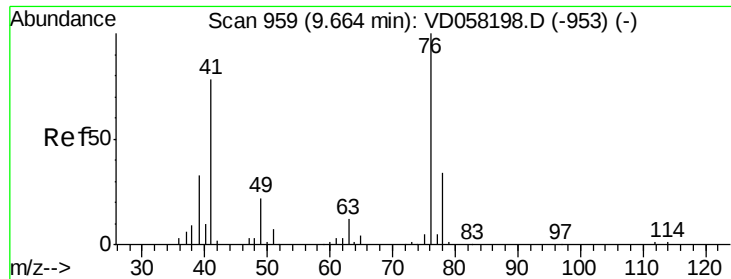


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 31.02 ug/l

RT: 9.68 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

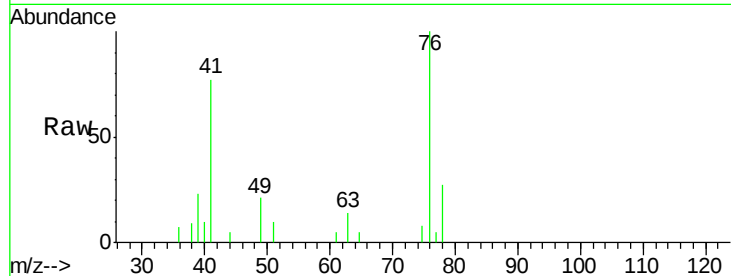
VD0620SBS01

Tot Ion: 76 Resp: 13291

Ion Ratio Lower Upper

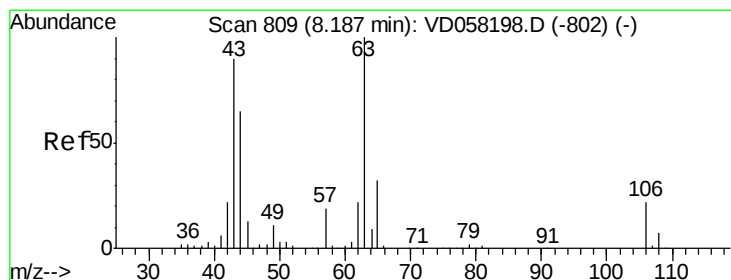
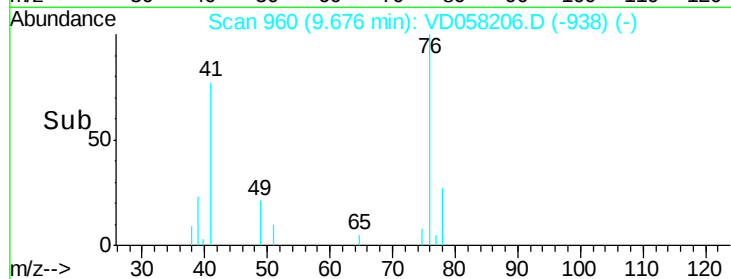
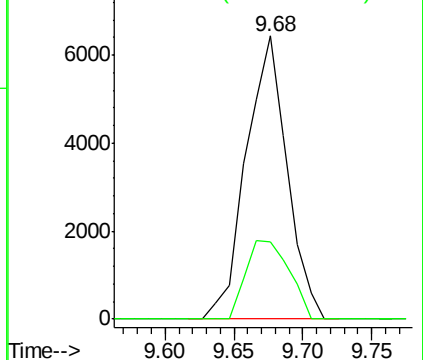
76 100

78 27.3 27.0 40.6



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 174.48 ug/l

RT: 8.20 min Scan# 810

Delta R.T. 0.01 min

Lab File: VD058206.D

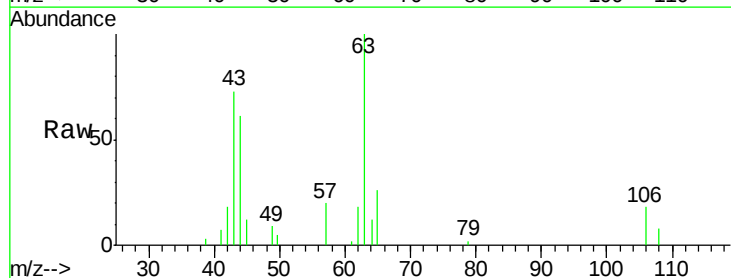
Acq: 20 Jun 2018 13:15

Tgt Ion: 63 Resp: 26274

Ion Ratio Lower Upper

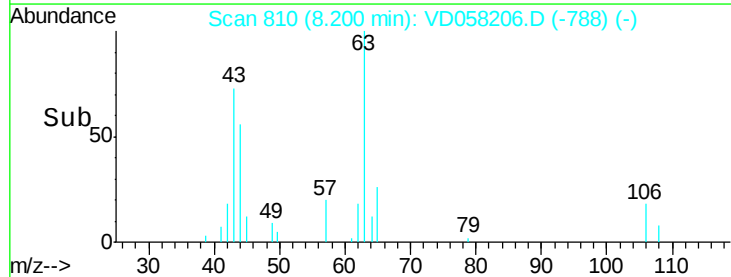
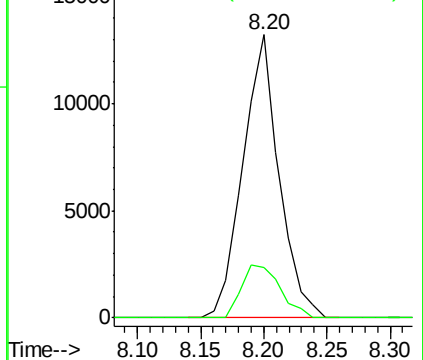
63 100

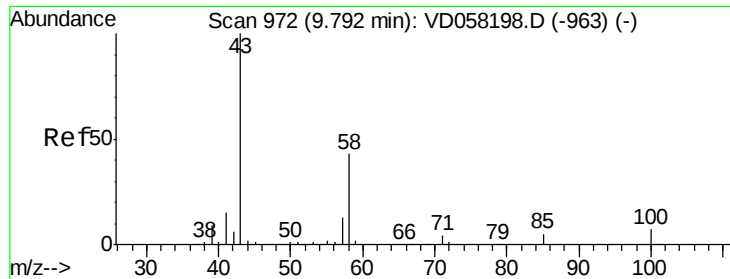
106 17.9 18.0 27.0#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

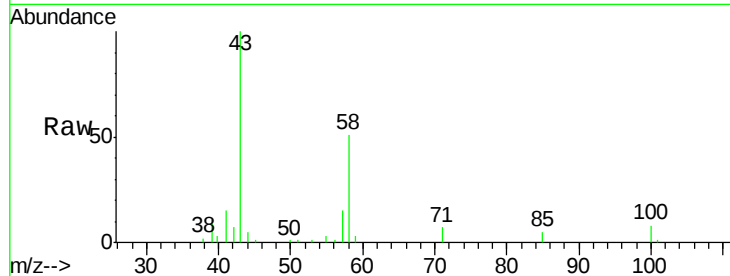




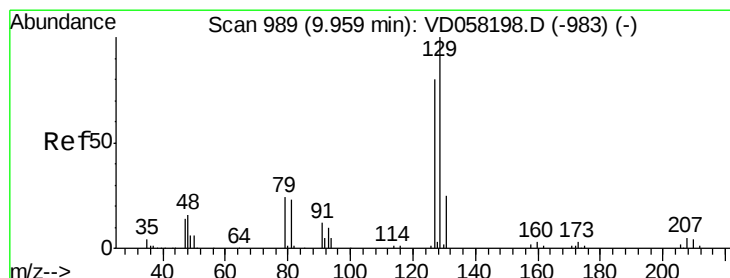
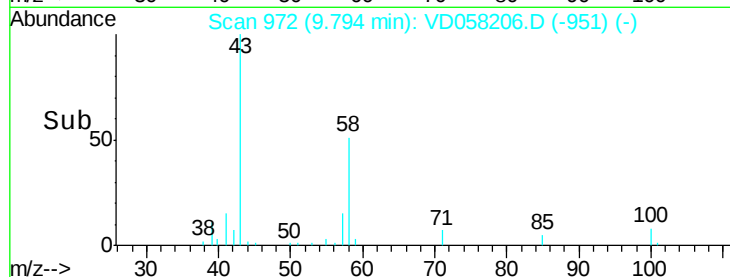
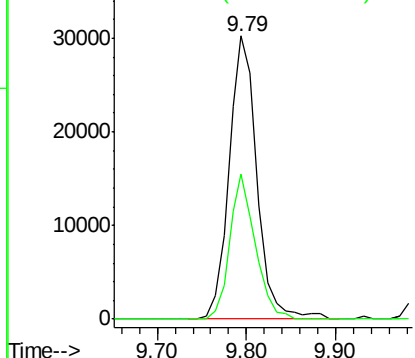
#59  
2-Hexanone  
Concen: 349.41 ug/l  
RT: 9.79 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

Tot Ion: 43 Resp: 66299  
Ion Ratio Lower Upper  
43 100  
58 51.2 21.7 65.1

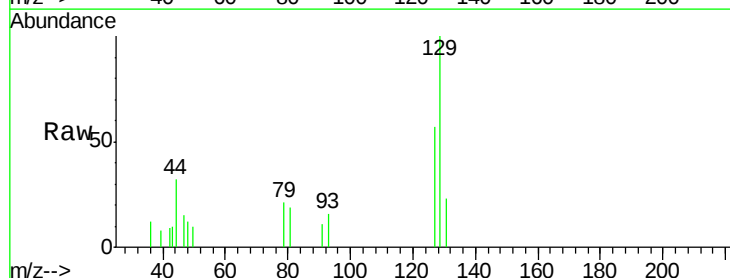


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

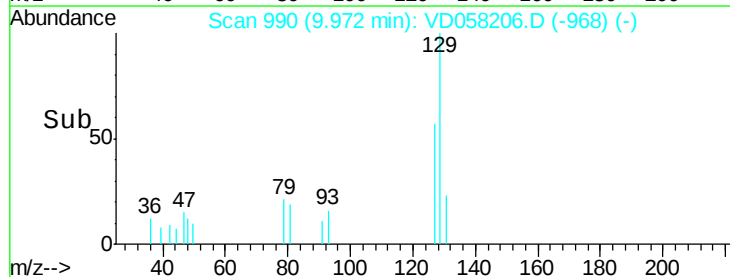
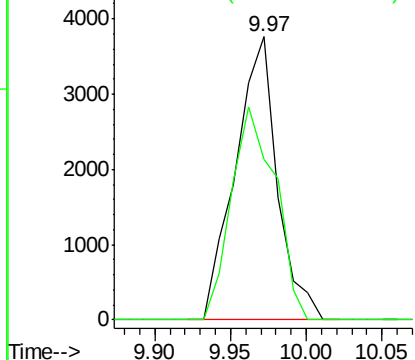


#60  
Dibromochloromethane  
Concen: 21.03 ug/l  
RT: 9.97 min Scan# 990  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 129 Resp: 7260  
Ion Ratio Lower Upper  
129 100  
127 56.5 39.8 119.4



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





#61

1,2-Dibromoethane

Concen: 34.48 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

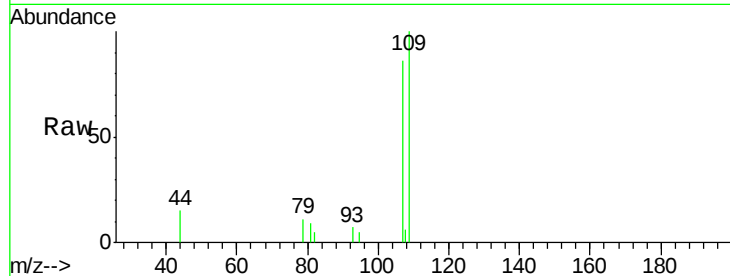
VD0620SBS01

Tot Ion:107 Resp: 9597

Ion Ratio Lower Upper

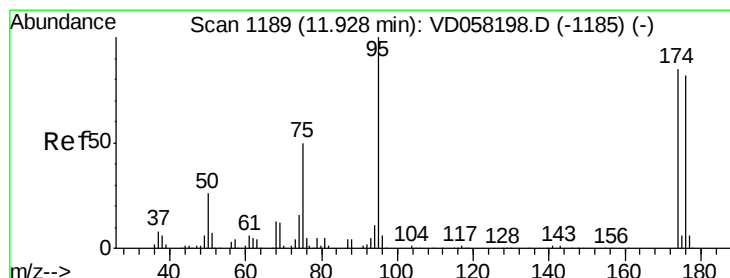
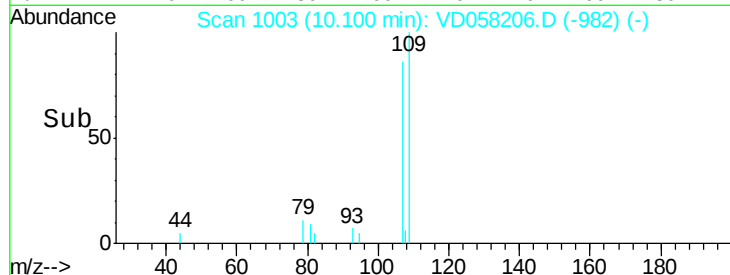
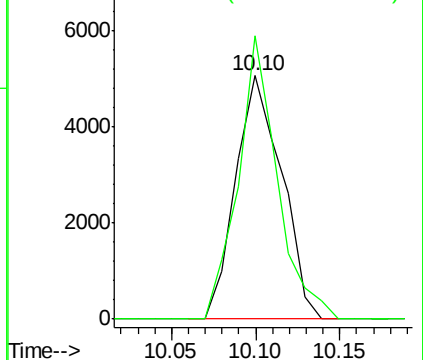
107 100

109 116.4 74.8 112.2#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 34.48 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

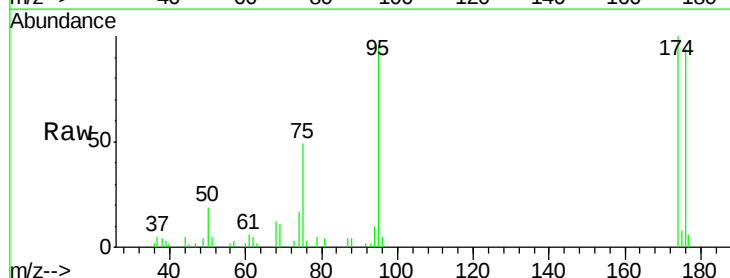
Tgt Ion: 95 Resp: 30088

Ion Ratio Lower Upper

95 100

174 104.1 0.0 170.2

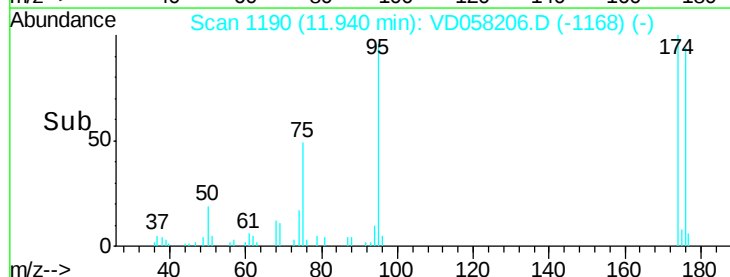
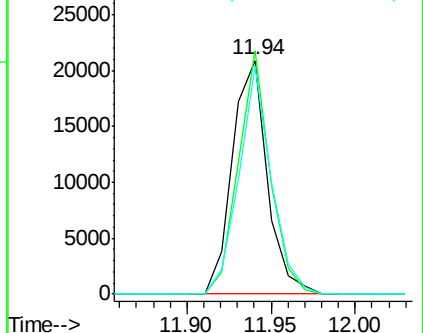
176 97.6 0.0 164.6

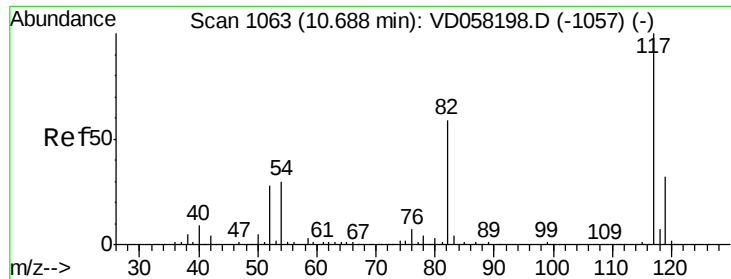


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

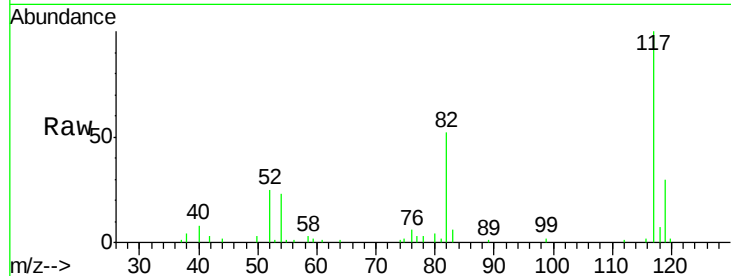




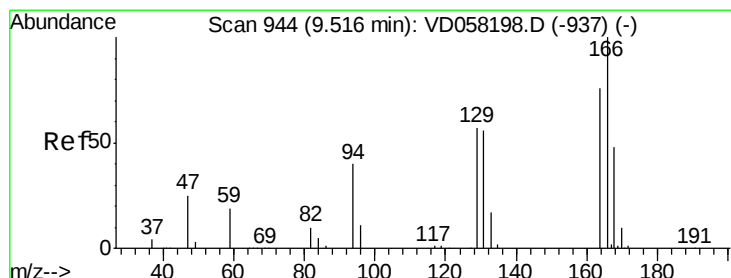
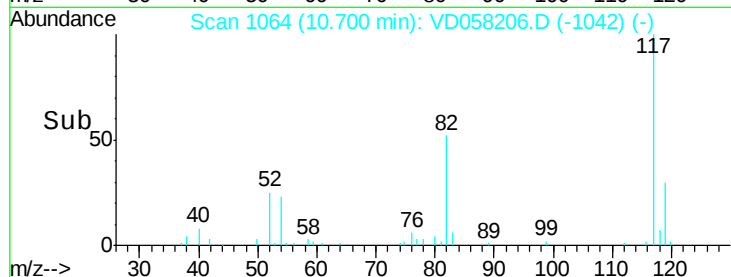
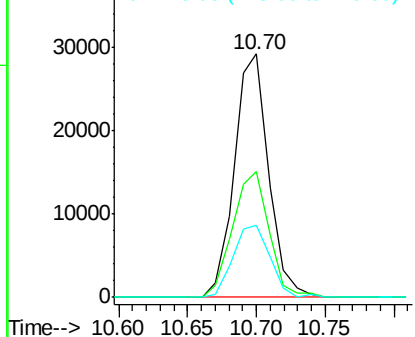
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.70 min Scan# 1064  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

Tot Ion:117 Resp: 50652  
Ion Ratio Lower Upper  
117 100  
82 51.7 47.0 70.6  
119 29.6 25.3 37.9

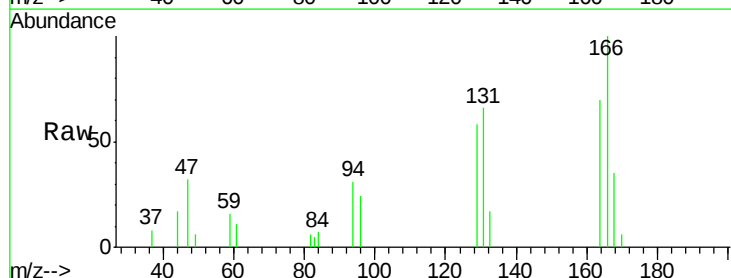


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

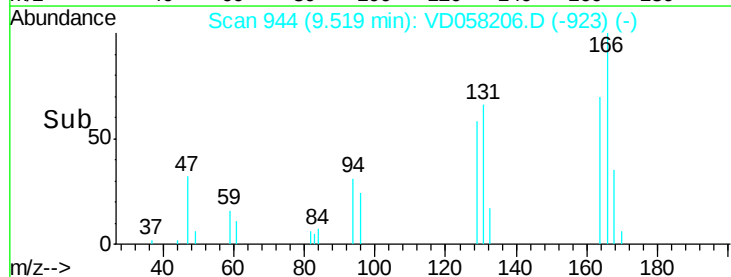
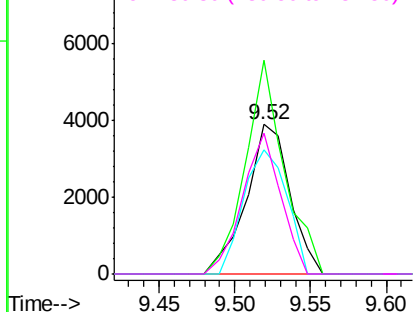


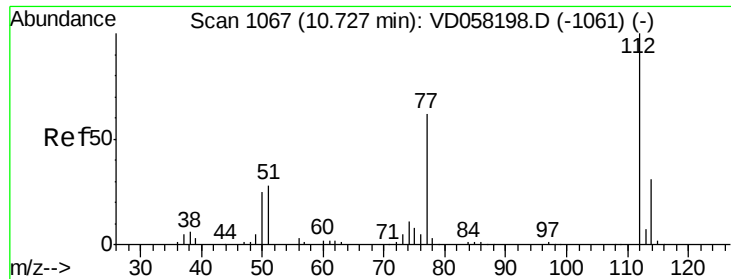
#64  
Tetrachloroethene  
Concen: 18.47 ug/l  
RT: 9.52 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion:164 Resp: 7870  
Ion Ratio Lower Upper  
164 100  
166 143.0 105.4 158.0  
129 83.3 59.6 89.4  
131 94.3 59.4 89.2#



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

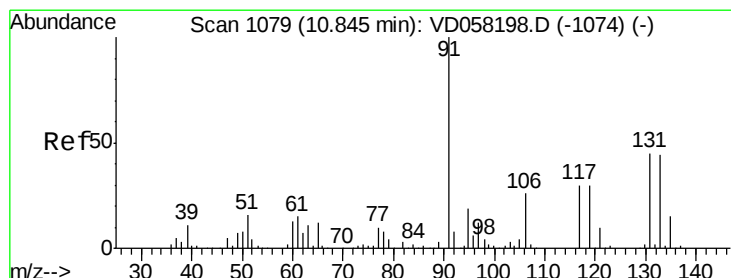
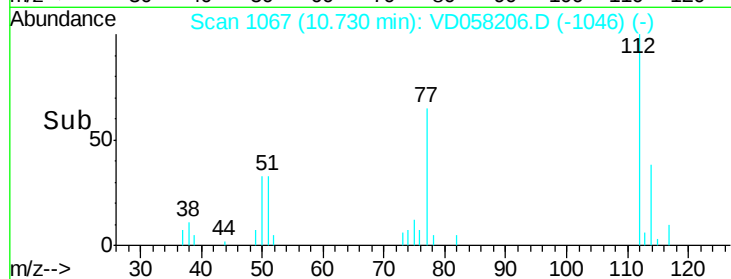
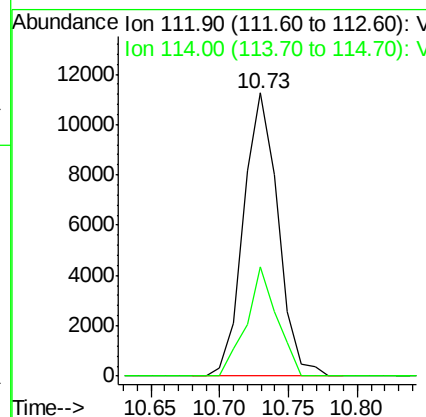
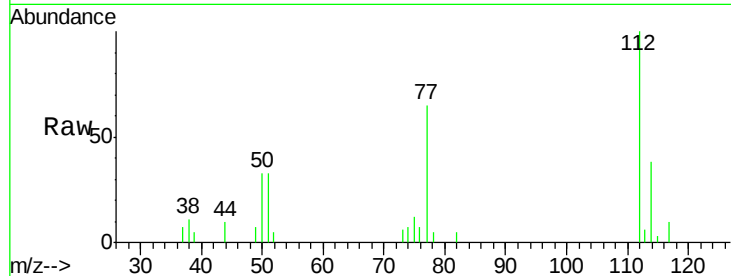




#65  
Chlorobenzene  
Concen: 20.73 ug/l  
RT: 10.73 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

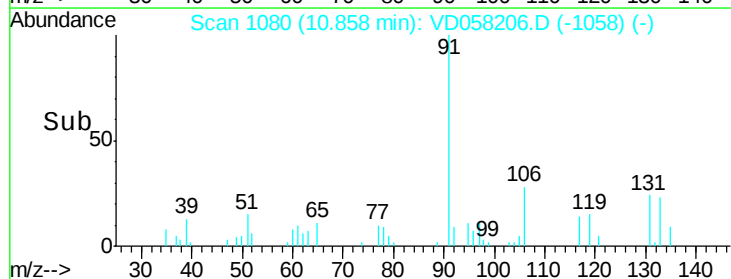
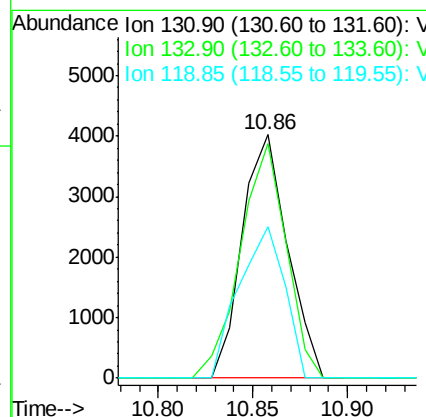
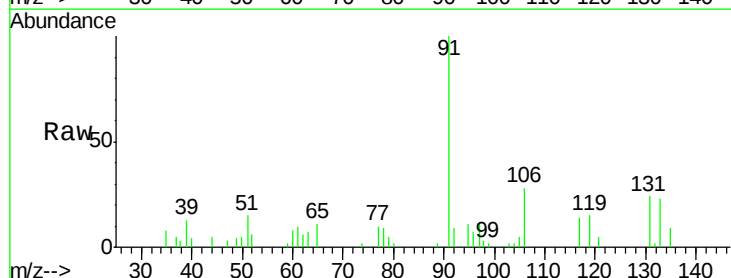
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

Tot Ion:112 Resp: 19641  
Ion Ratio Lower Upper  
112 100  
114 38.5 25.0 37.4#



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.20 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion:131 Resp: 6655  
Ion Ratio Lower Upper  
131 100  
133 96.4 48.6 145.9  
119 62.1 33.0 99.0

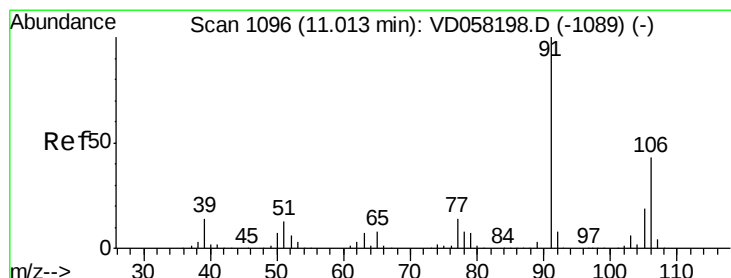
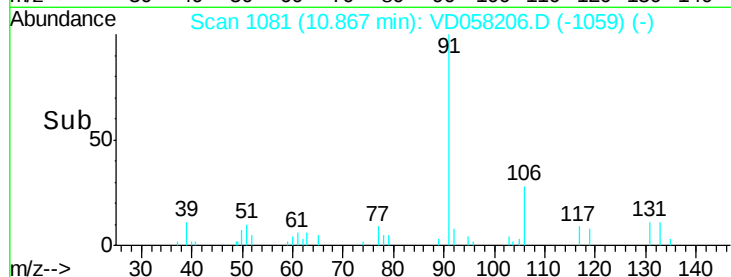
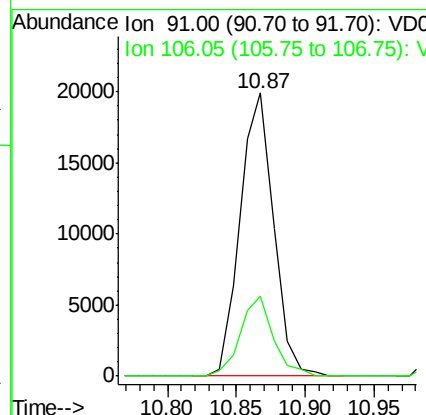
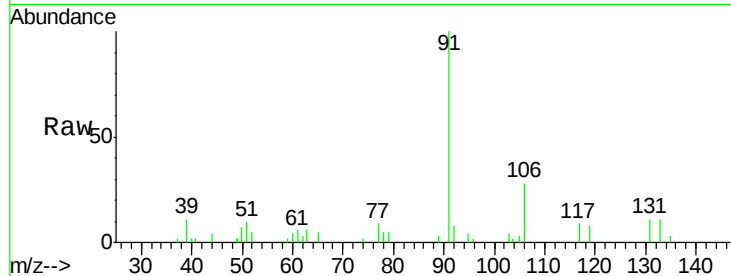




#67  
Ethyl Benzene  
Concen: 20.16 ug/l  
RT: 10.87 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

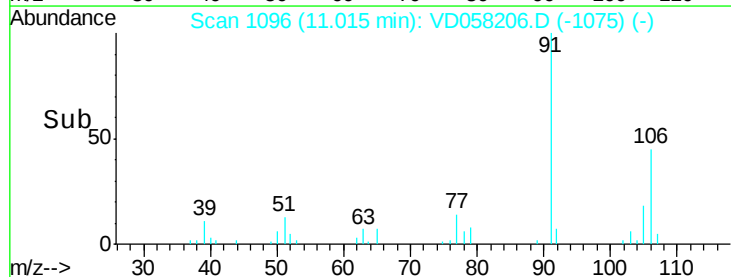
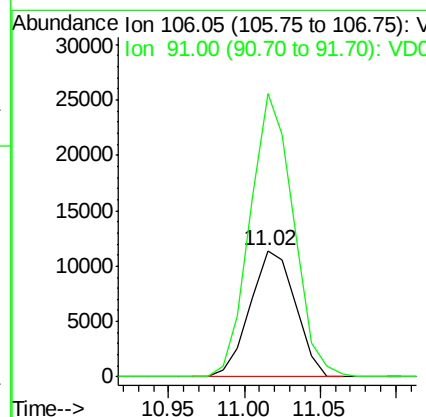
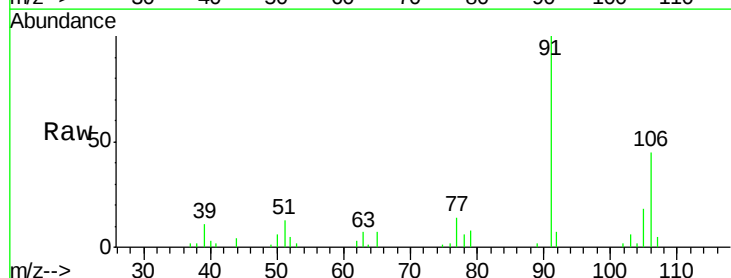
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

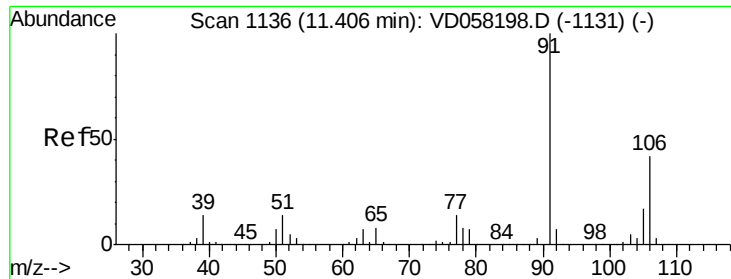
Tot Ion: 91 Resp: 33730  
Ion Ratio Lower Upper  
91 100  
106 28.0 22.0 33.0



#68  
m/p-Xylenes  
Concen: 42.76 ug/l  
RT: 11.02 min Scan# 1096  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 106 Resp: 23852  
Ion Ratio Lower Upper  
106 100  
91 224.3 185.0 277.6

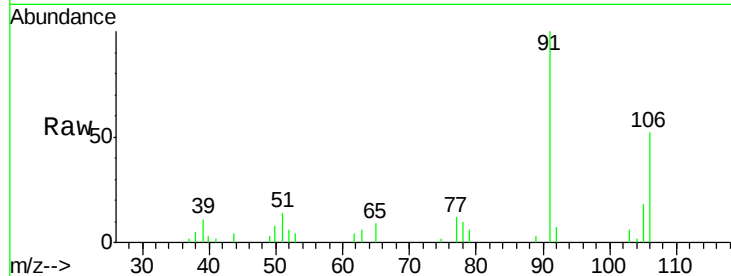




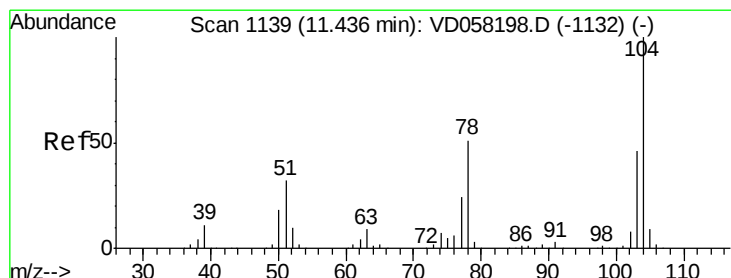
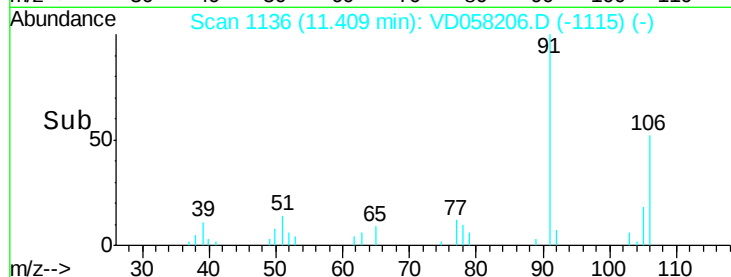
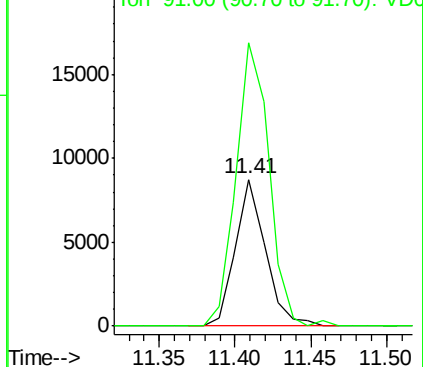
#69  
o-Xylene  
Concen: 22.63 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

Tot Ion:106 Resp: 12056  
Ion Ratio Lower Upper  
106 100  
91 193.0 120.2 360.6

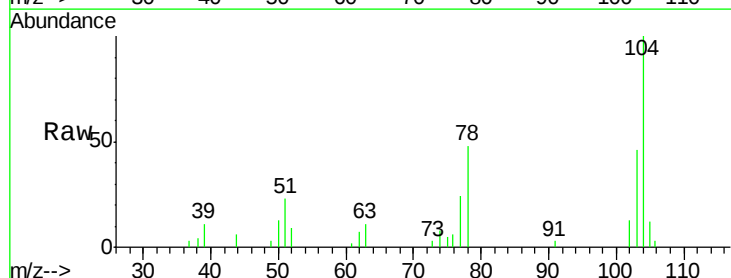


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

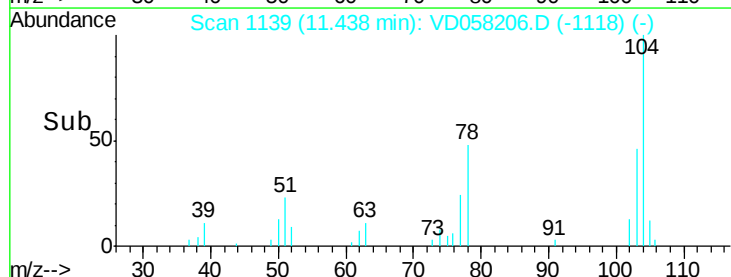
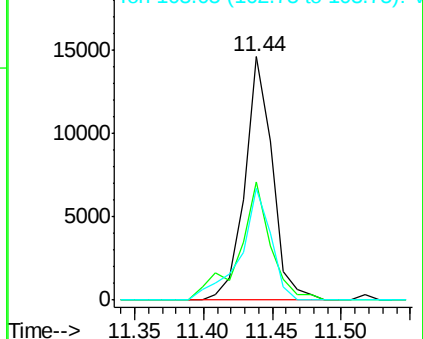


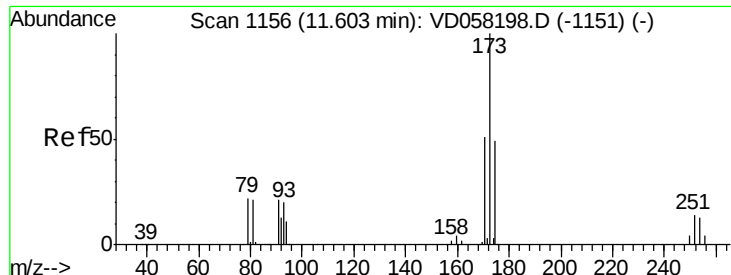
#70  
Styrene  
Concen: 22.36 ug/l  
RT: 11.44 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion:104 Resp: 20326  
Ion Ratio Lower Upper  
104 100  
78 48.3 40.8 61.2  
103 45.9 37.0 55.6



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

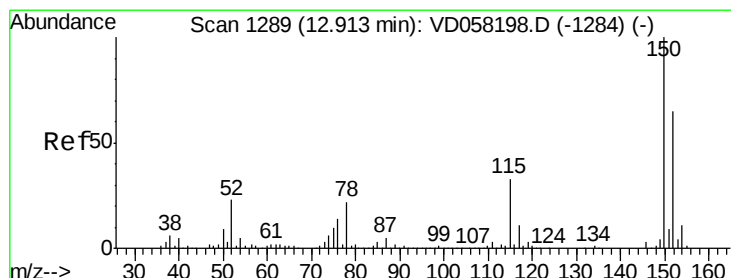
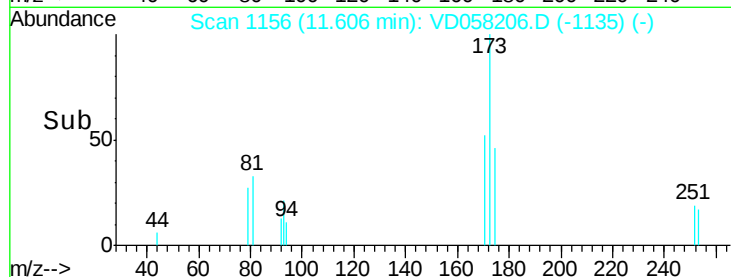
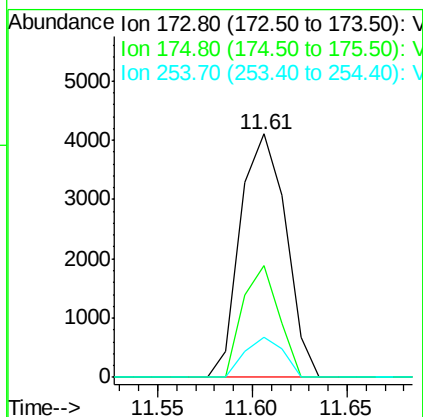
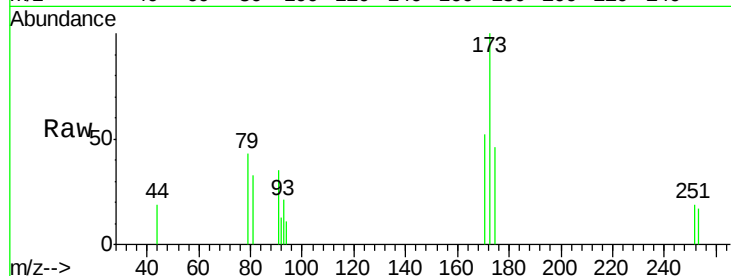




#71  
Bromoform  
Concen: 23.48 ug/l  
RT: 11.61 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

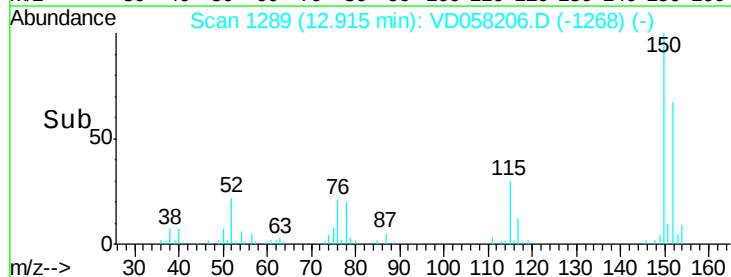
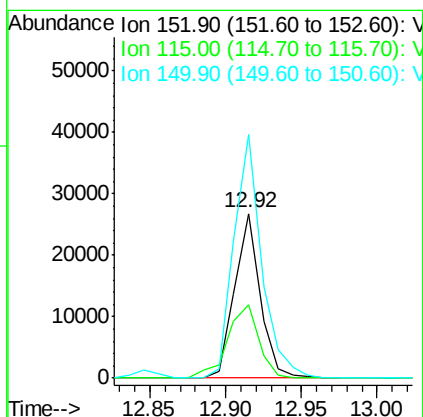
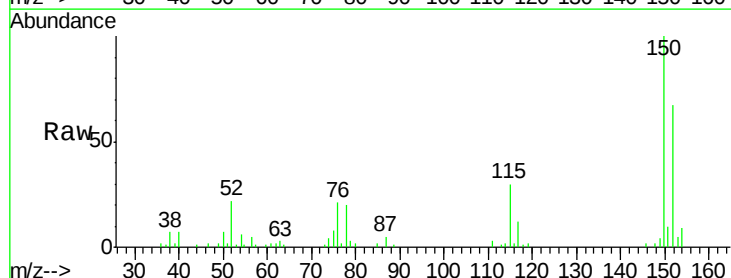
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

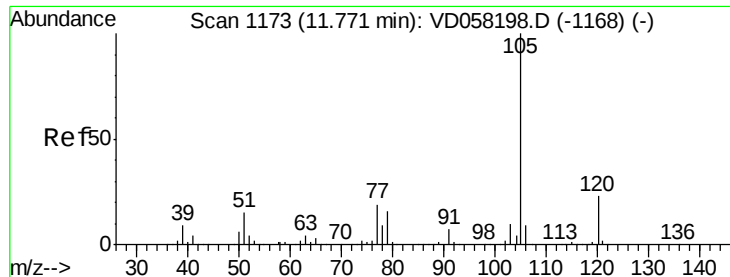
Tot Ion:173 Resp: 6849  
Ion Ratio Lower Upper  
173 100  
175 45.8 24.6 74.0  
254 16.6 10.3 15.5#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.92 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion:152 Resp: 31373  
Ion Ratio Lower Upper  
152 100  
115 44.5 25.1 75.3  
150 148.3 0.0 308.8





#73

Isopropylbenzene

Concen: 15.42 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

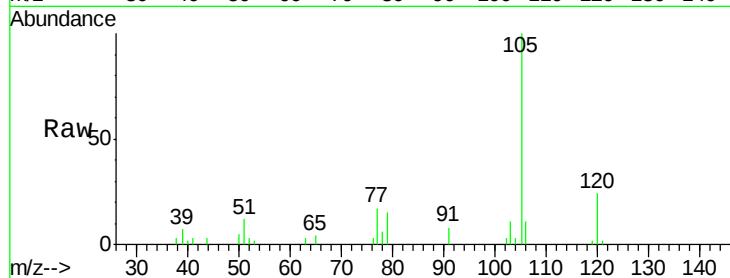
VD0620SBS01

Tot Ion:105 Resp: 28929

Ion Ratio Lower Upper

105 100

120 24.1 11.6 34.8



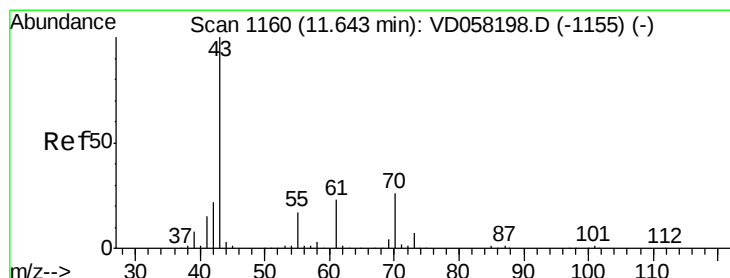
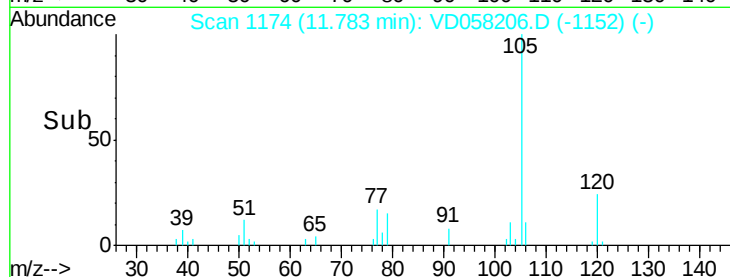
Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

11.75 11.80

Time-->



#74

N-ethyl acetate

Concen: 30.19 ug/l

RT: 11.65 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Tgt Ion: 43 Resp: 21905

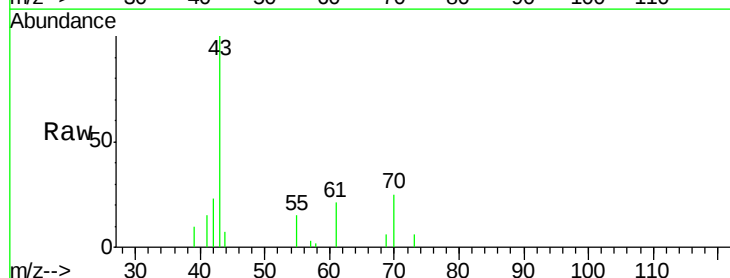
Ion Ratio Lower Upper

43 100

70 25.0 20.9 31.3

55 15.0 13.5 20.3

61 20.8 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

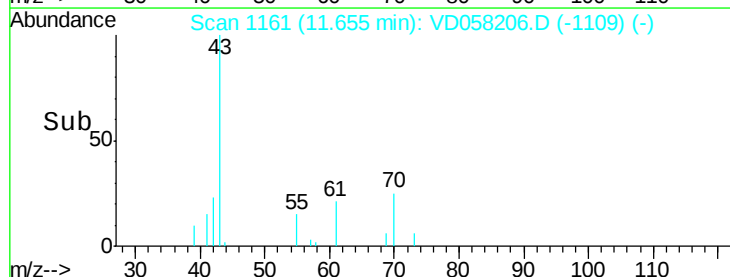
Ion 55.00 (54.70 to 55.70): V

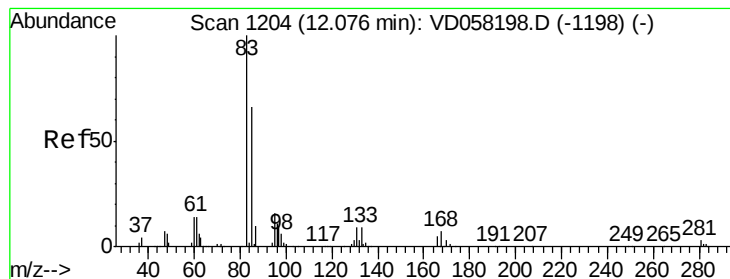
Ion 60.95 (60.65 to 61.65): V

11.65

11.60 11.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 31.96 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

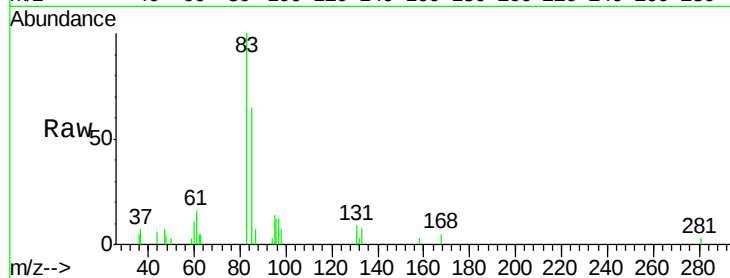
Tot Ion: 83 Resp: 13955

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.3

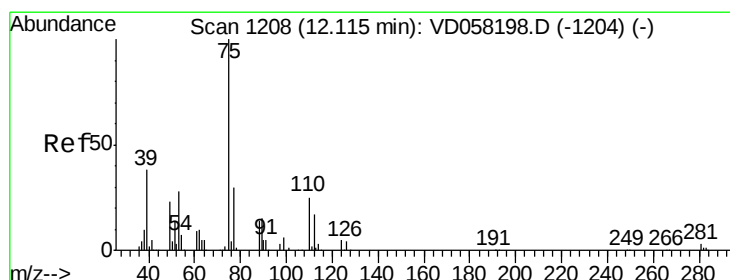
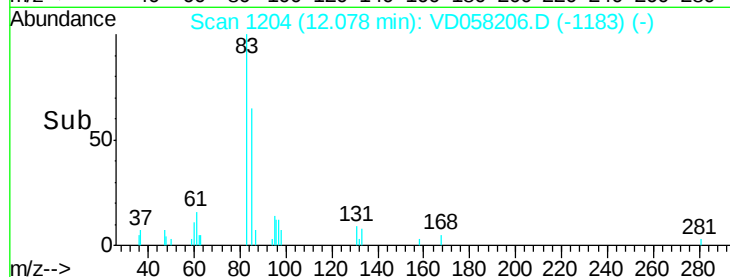
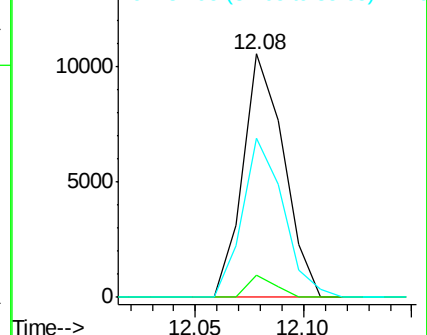
85 65.4 33.1 99.5



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: 34.57 ug/l

RT: 12.12 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VD058206.D

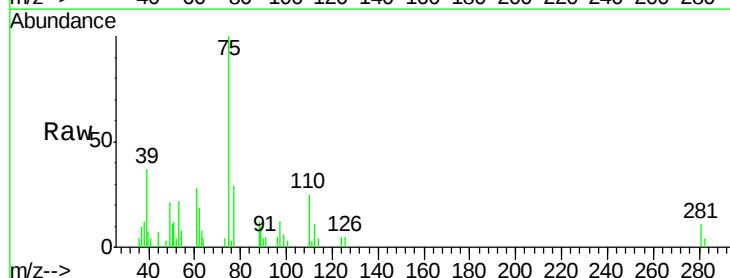
Acq: 20 Jun 2018 13:15

Tgt Ion: 75 Resp: 15834

Ion Ratio Lower Upper

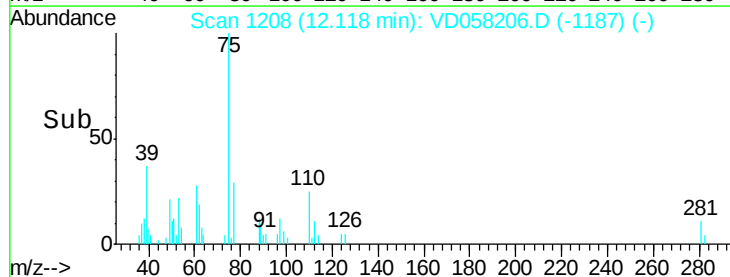
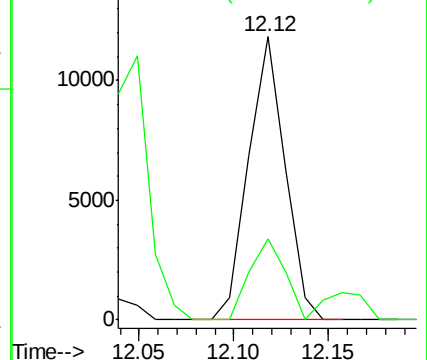
75 100

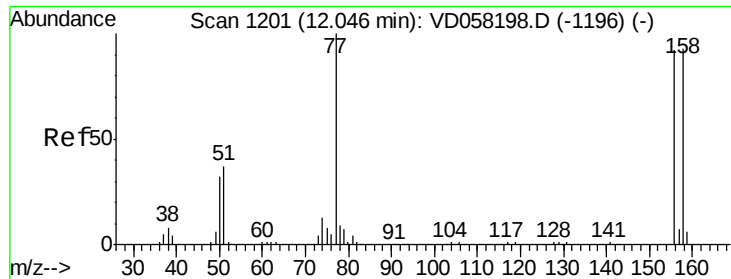
77 28.6 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 18.52 ug/l

RT: 12.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

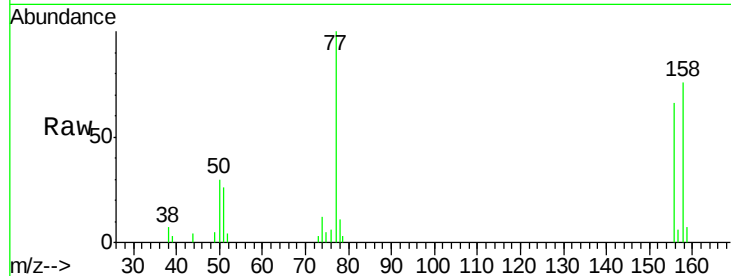
Tot Ion:156 Resp: 10409

Ion Ratio Lower Upper

156 100

77 152.3 54.5 163.6

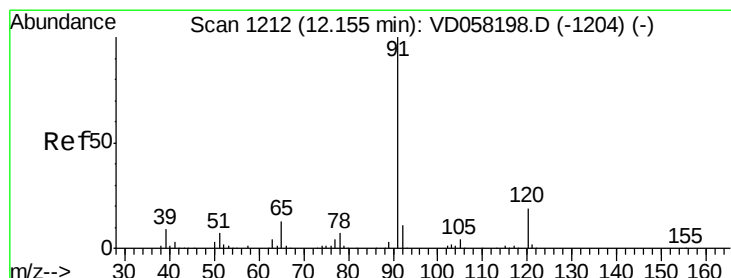
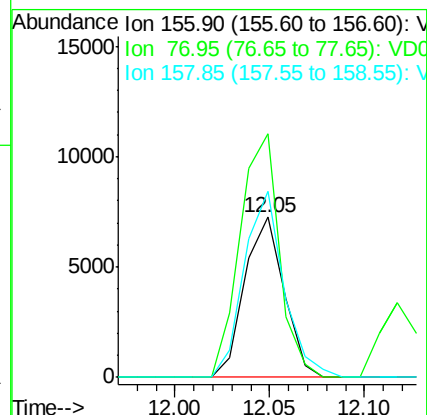
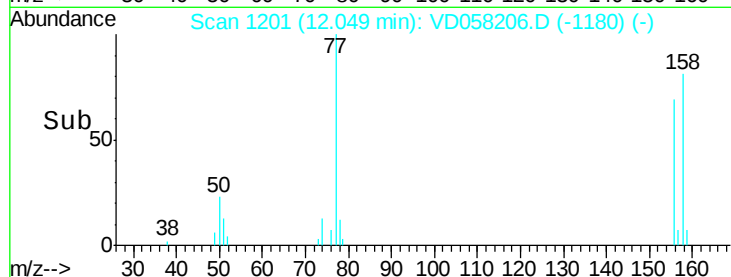
158 116.4 50.8 152.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 15.64 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VD058206.D

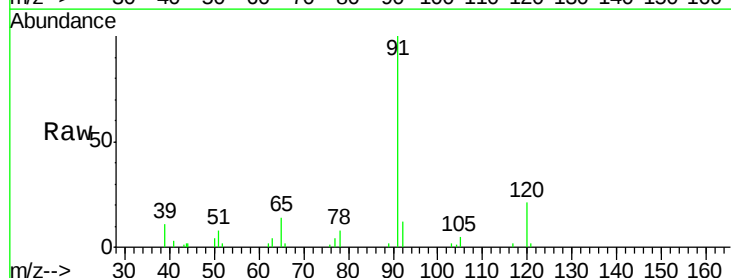
Acq: 20 Jun 2018 13:15

Tgt Ion: 91 Resp: 37901

Ion Ratio Lower Upper

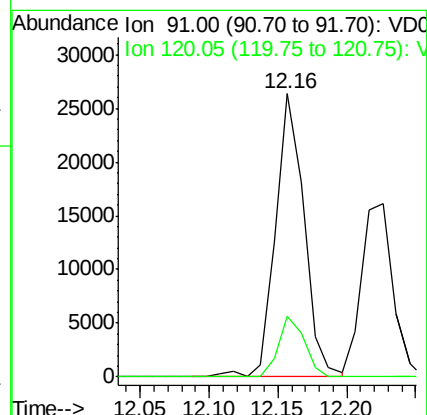
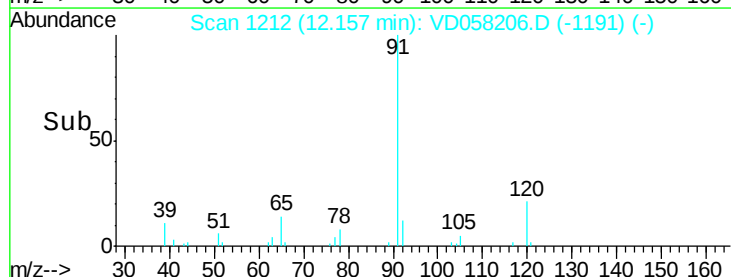
91 100

120 21.5 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 18.47 ug/l

RT: 12.23 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

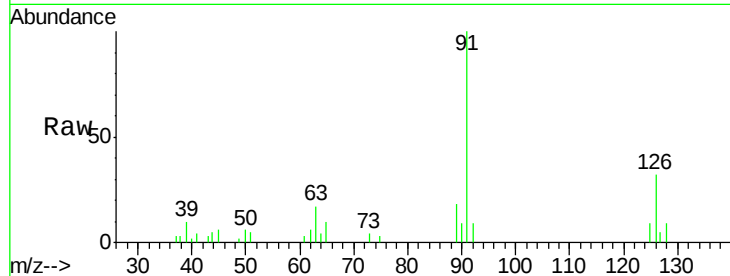
VD0620SBS01

Tot Ion: 91 Resp: 25616

Ion Ratio Lower Upper

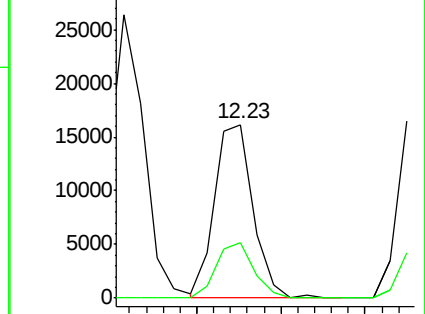
91 100

126 31.8 14.9 44.5

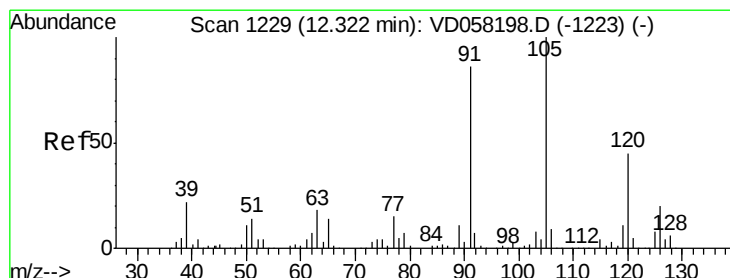
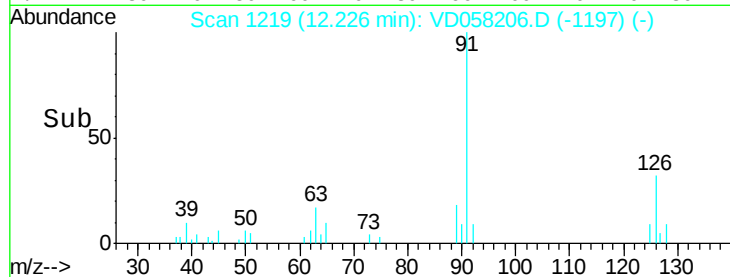


Abundance Ion 91.00 (90.70 to 91.70): VD058198.D (-1215) (-)

Ion 125.95 (125.65 to 126.65): VD058198.D (-1215) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.78 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD058206.D

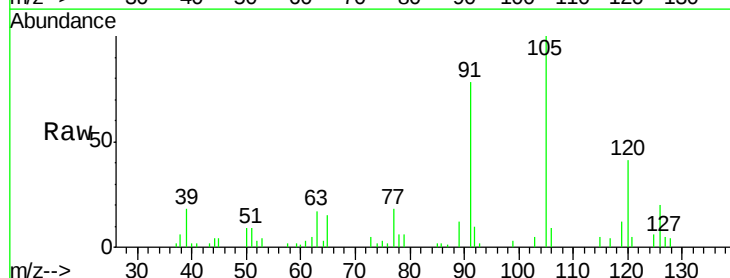
Acq: 20 Jun 2018 13:15

Tgt Ion:105 Resp: 24561

Ion Ratio Lower Upper

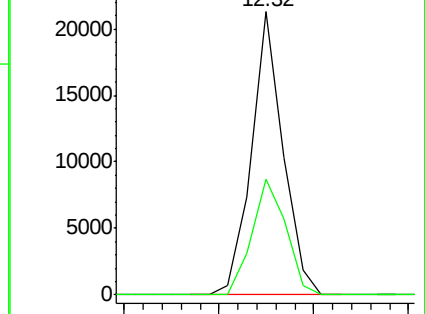
105 100

120 40.9 22.5 67.5

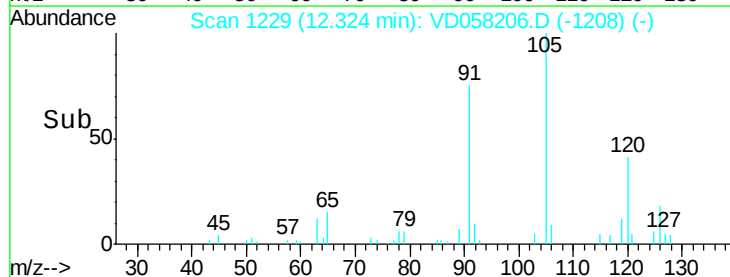


Abundance Ion 105.05 (104.75 to 105.75): VD058198.D (-1223) (-)

Ion 120.05 (119.75 to 120.75): VD058198.D (-1223) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 27.45 ug/l

RT: 11.85 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

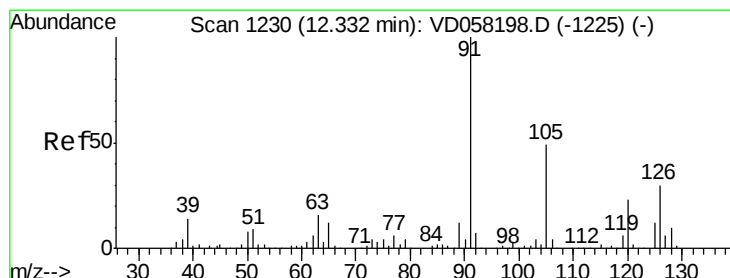
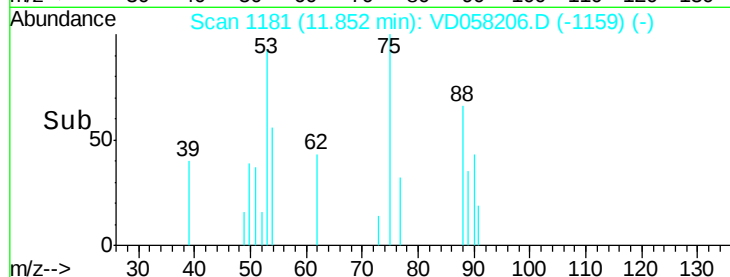
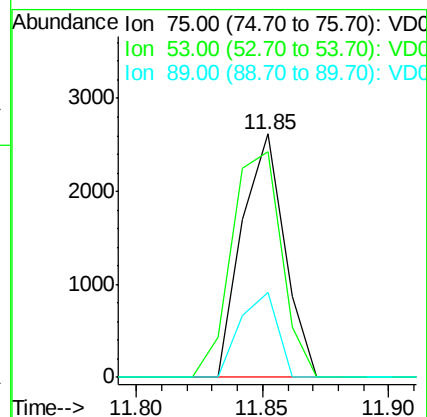
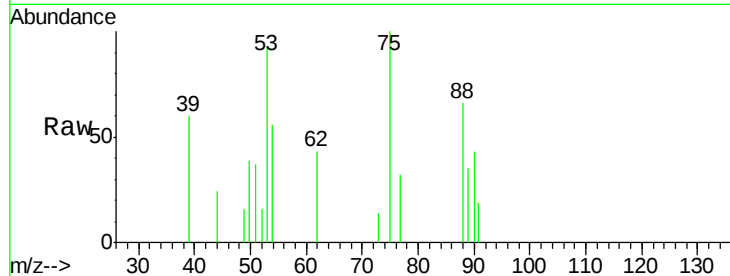
Tot Ion: 75 Resp: 3067

Ion Ratio Lower Upper

75 100

53 92.8 100.8 151.2#

89 34.7 34.6 52.0



#82

4-Chlorotoluene

Concen: 19.47 ug/l

RT: 12.33 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VD058206.D

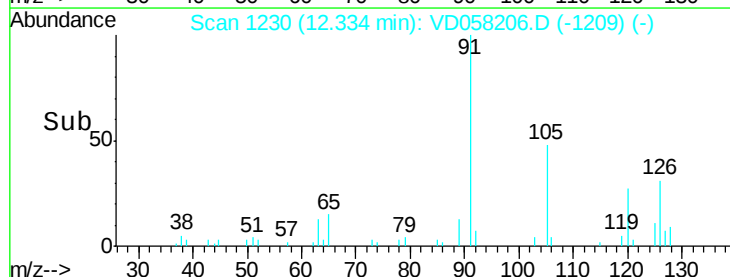
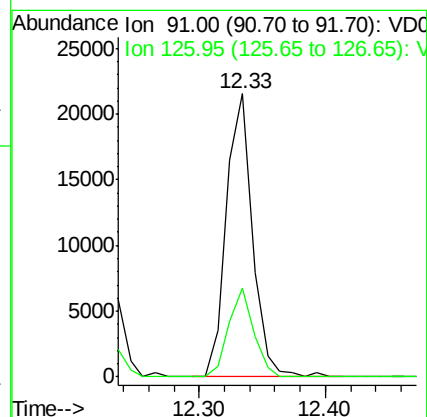
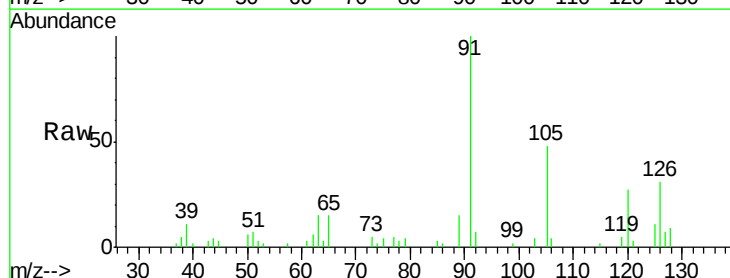
Acq: 20 Jun 2018 13:15

Tgt Ion: 91 Resp: 30796

Ion Ratio Lower Upper

91 100

126 31.3 14.9 44.9

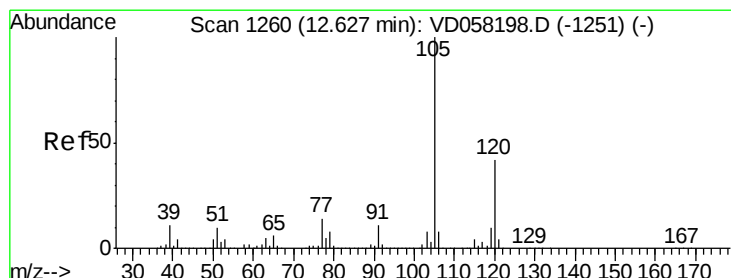
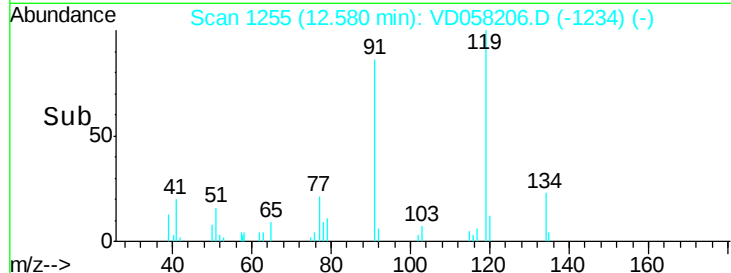
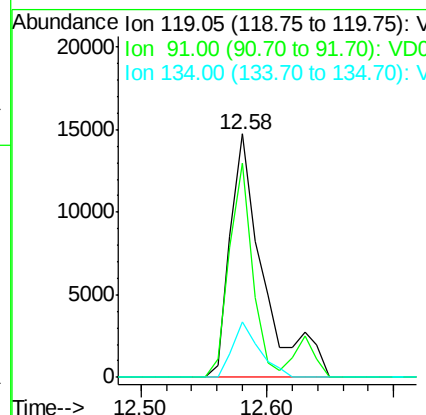
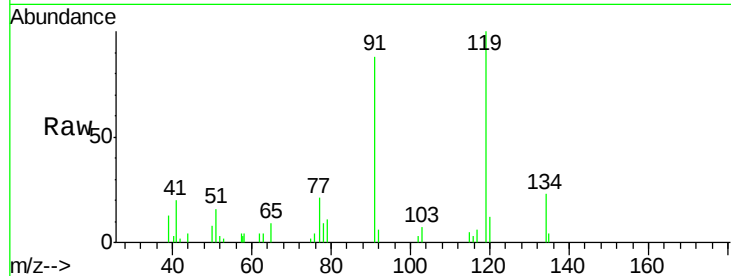




#83  
 tert-Butylbenzene  
 Concen: 16.00 ug/l  
 RT: 12.58 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

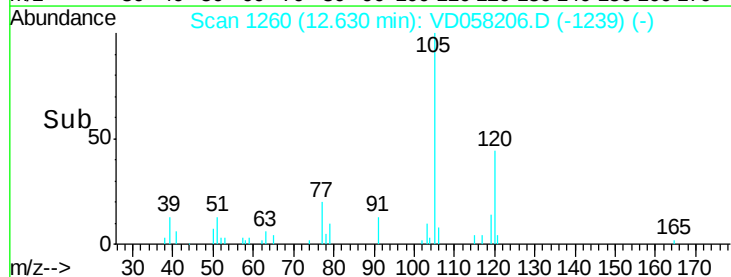
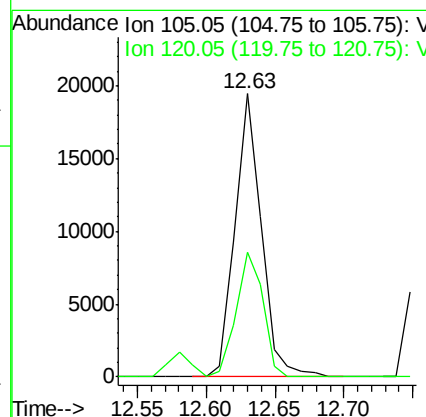
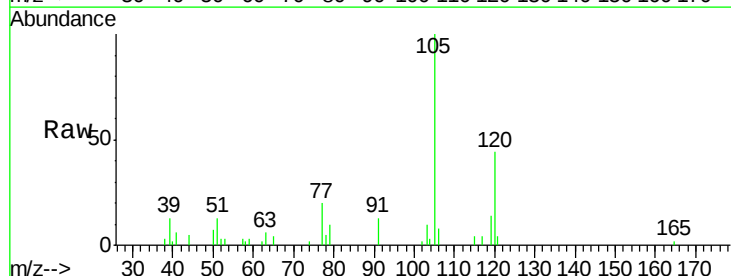
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

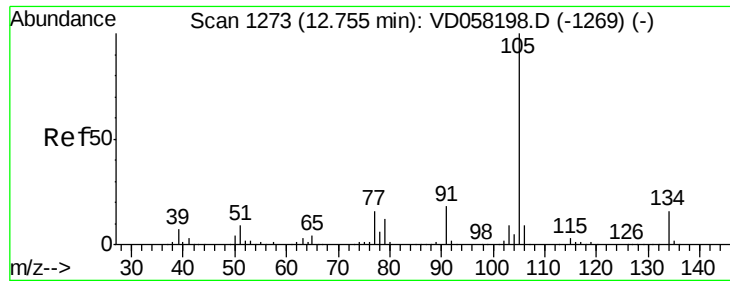
Tot Ion:119 Resp: 26917  
 Ion Ratio Lower Upper  
 119 100  
 91 87.8 38.9 116.6  
 134 23.0 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 16.28 ug/l  
 RT: 12.63 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion:105 Resp: 25909  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 20.8 62.4

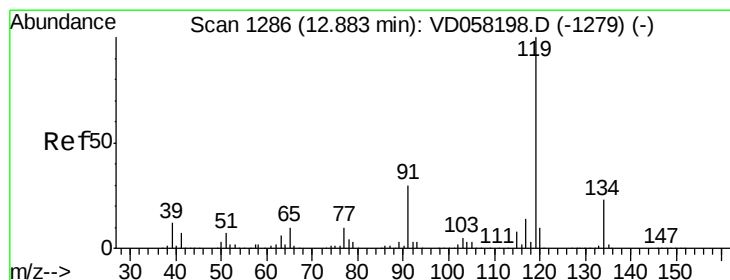
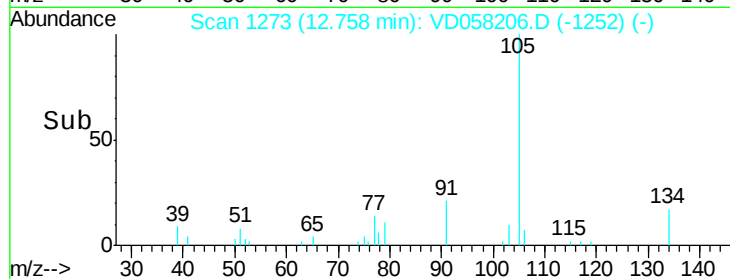
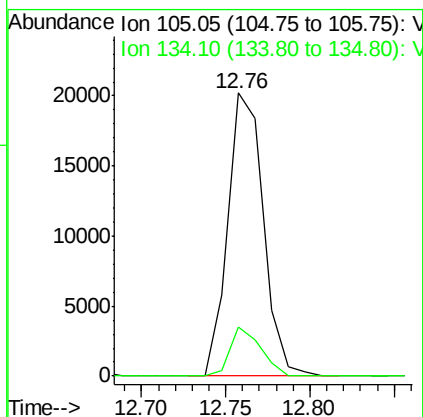
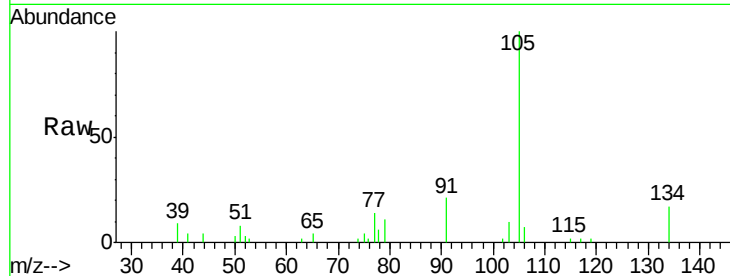




#85  
 sec-Butylbenzene  
 Concen: 15.01 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

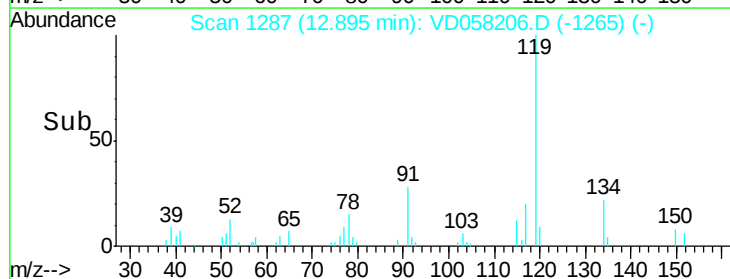
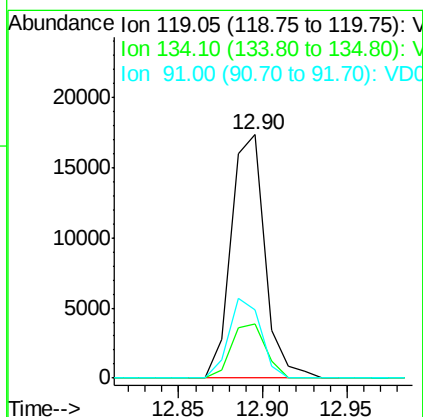
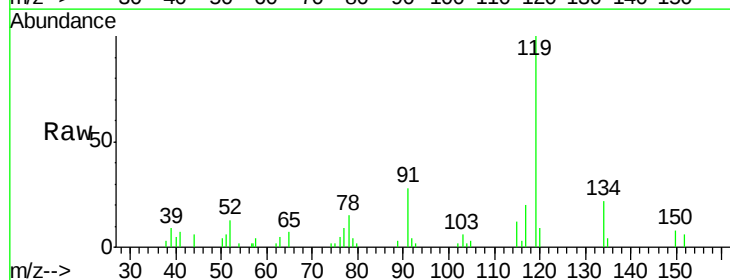
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

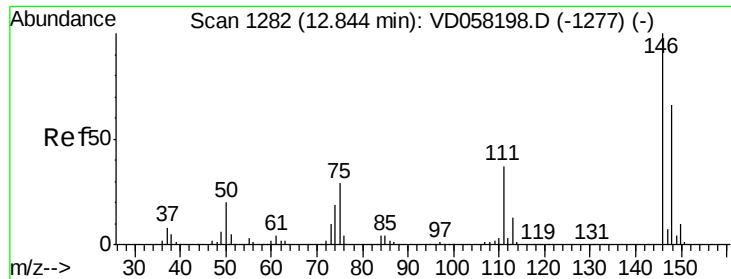
Tot Ion:105 Resp: 29615  
 Ion Ratio Lower Upper  
 105 100  
 134 17.4 8.1 24.3



#86  
 p-Isopropyltoluene  
 Concen: 15.07 ug/l  
 RT: 12.90 min Scan# 1287  
 Delta R.T. 0.01 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion:119 Resp: 24094  
 Ion Ratio Lower Upper  
 119 100  
 134 22.3 11.6 34.8  
 91 28.2 15.0 45.1

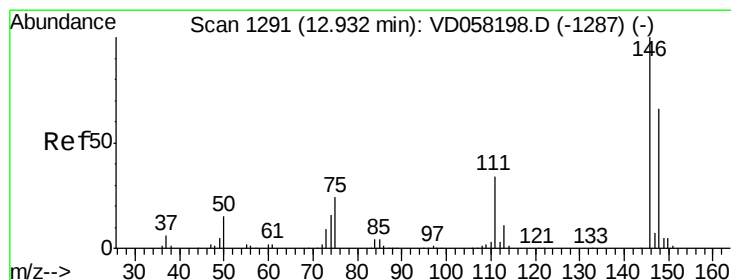
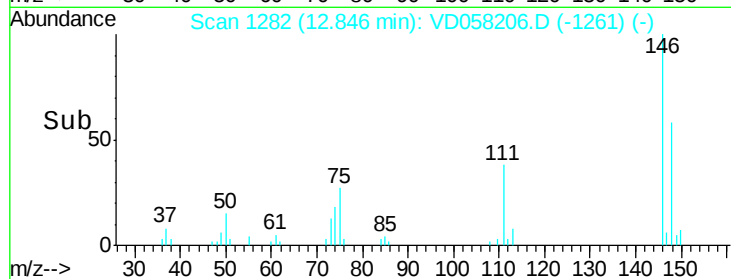
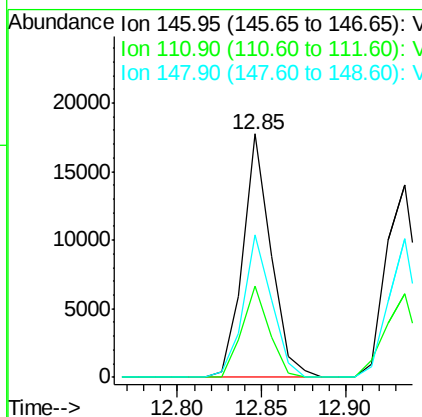
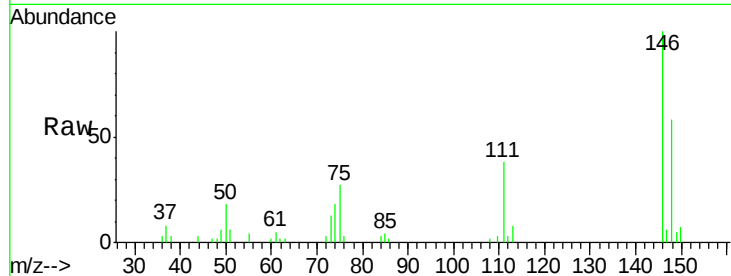




#87  
 1,3-Dichlorobenzene  
 Concen: 21.06 ug/l  
 RT: 12.85 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

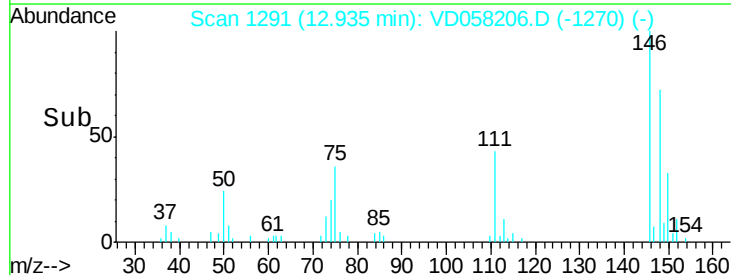
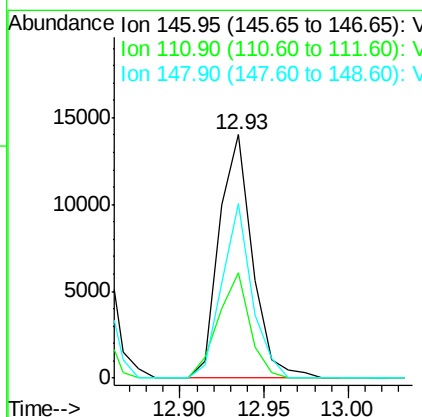
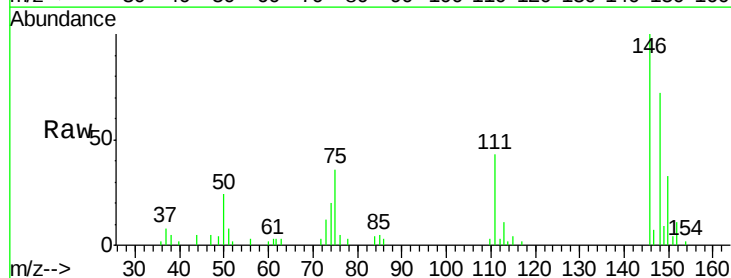
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

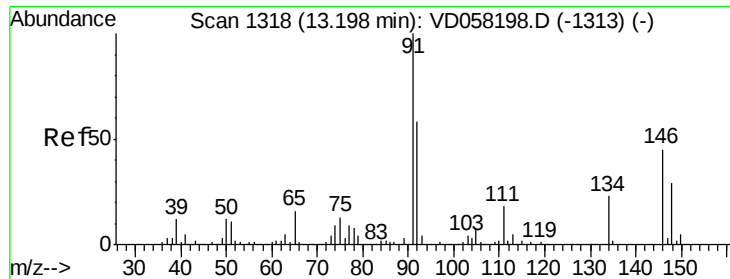
Tot Ion:146 Resp: 20565  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 18.4 55.0  
 148 58.5 32.8 98.4



#88  
 1,4-Dichlorobenzene  
 Concen: 20.12 ug/l  
 RT: 12.93 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion:146 Resp: 19186  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 17.2 51.5  
 148 71.8 33.1 99.3

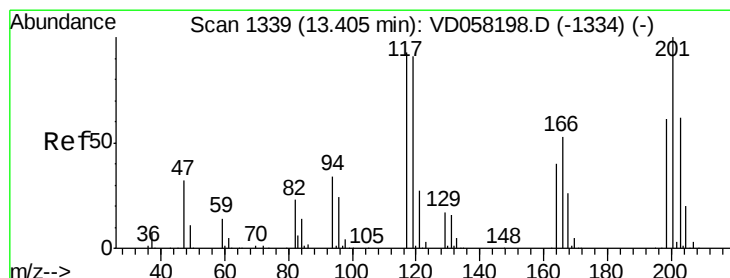
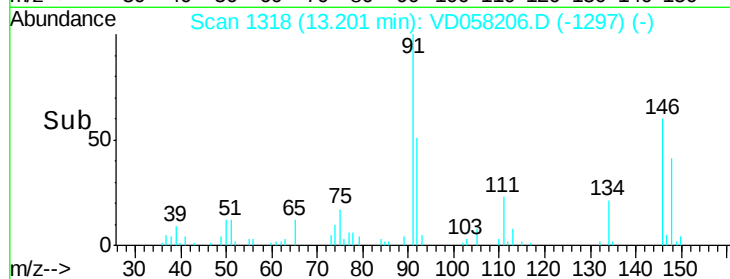
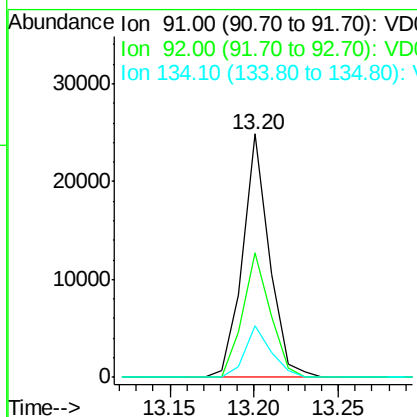
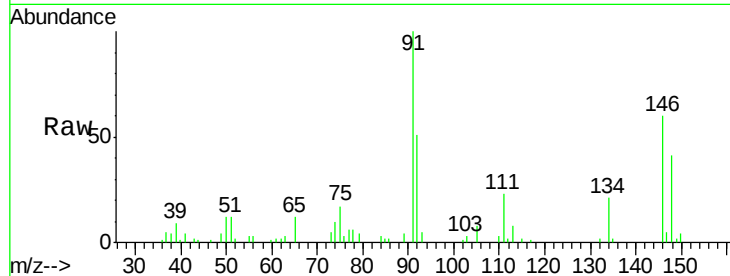




#89  
n-Butylbenzene  
Concen: 16.30 ug/l  
RT: 13.20 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

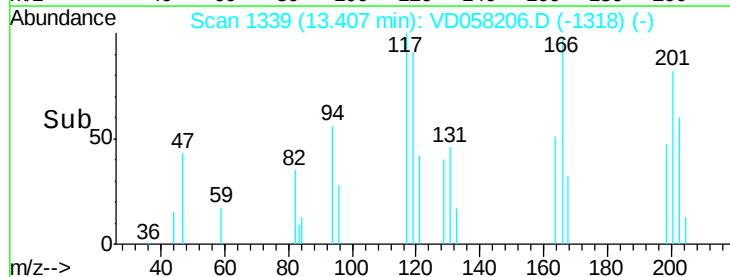
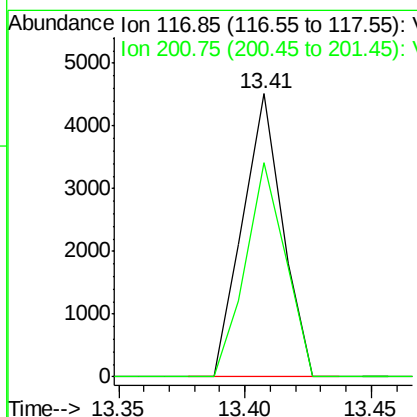
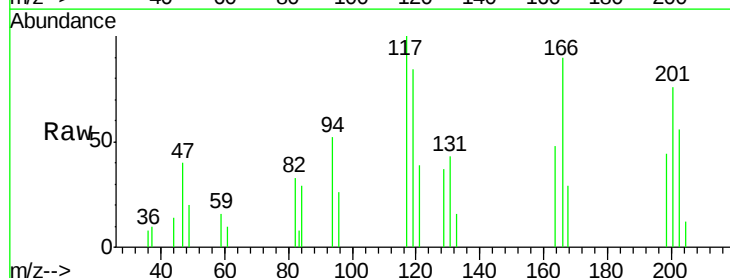
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0620SBS01

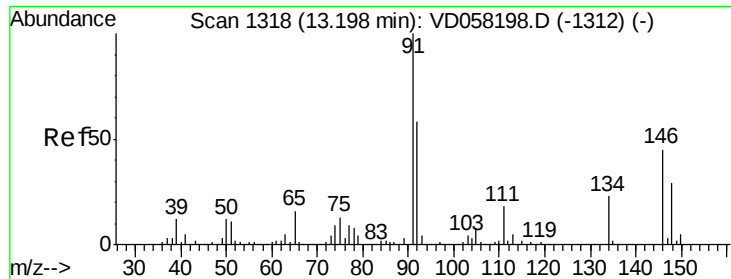
Tot Ion: 91 Resp: 27386  
Ion Ratio Lower Upper  
91 100  
92 51.1 29.2 87.6  
134 21.2 11.3 33.8



#90  
Hexachloroethane  
Concen: 12.00 ug/l  
RT: 13.41 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: VD058206.D  
Acq: 20 Jun 2018 13:15

Tgt Ion: 117 Resp: 4977  
Ion Ratio Lower Upper  
117 100  
201 75.7 53.8 161.4





#91

1,2-Dichlorobenzene

Concen: 21.75 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

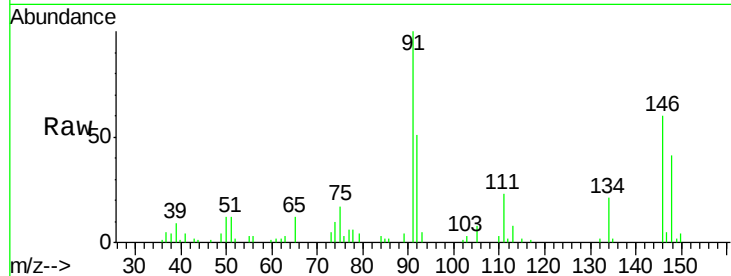
Tot Ion:146 Resp: 18078

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

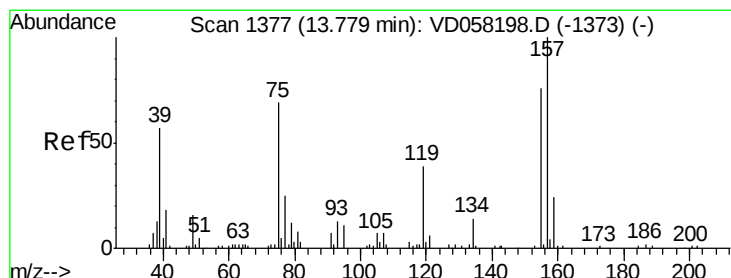
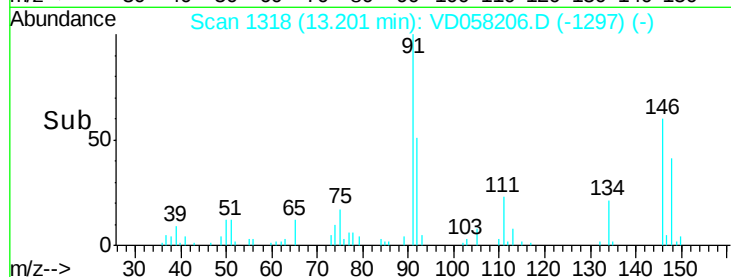
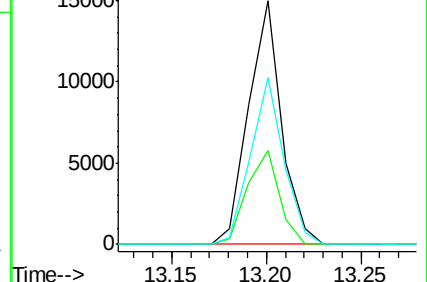
148 68.3 32.0 96.2



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: 38.09 ug/l

RT: 13.78 min Scan# 1377

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

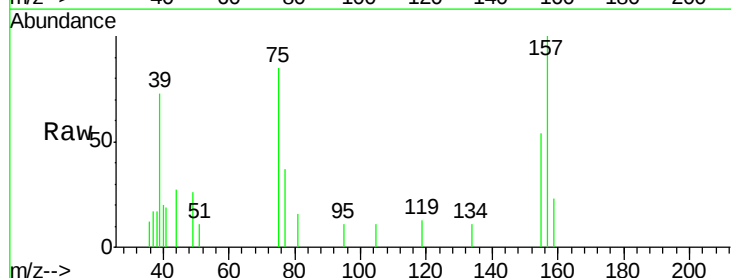
Tgt Ion: 75 Resp: 2647

Ion Ratio Lower Upper

75 100

155 63.2 54.5 163.5

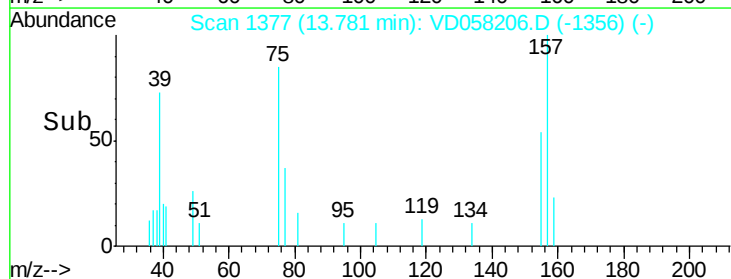
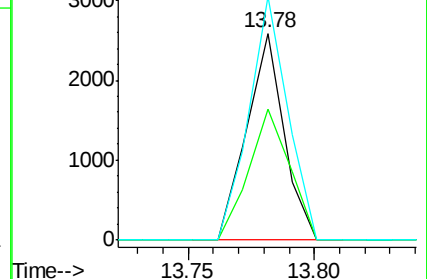
157 117.6 72.0 215.9



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

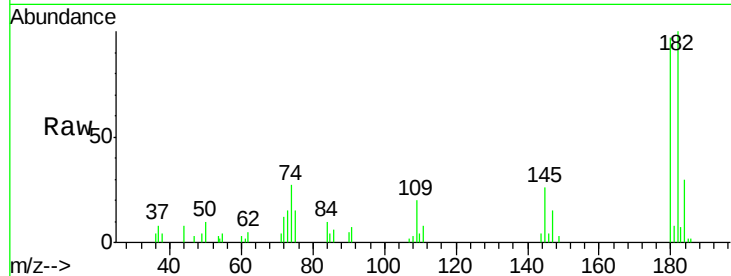




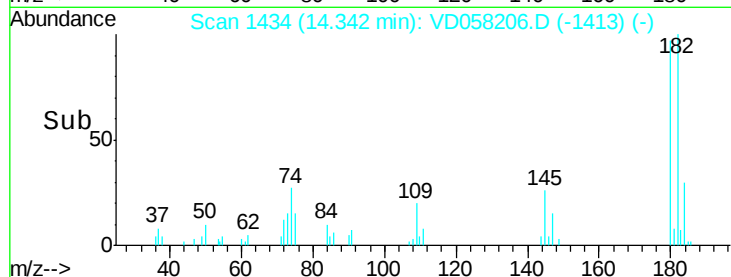
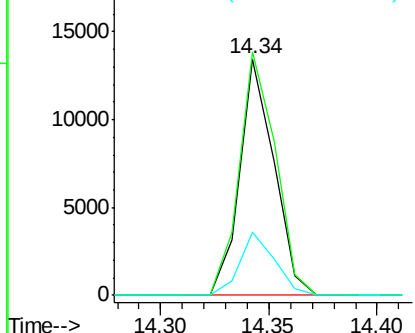
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.81 ug/l  
 RT: 14.34 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0620SBS01

Tot Ion:180 Resp: 14951  
 Ion Ratio Lower Upper  
 180 100  
 182 103.2 47.1 141.3  
 145 26.7 11.7 35.0

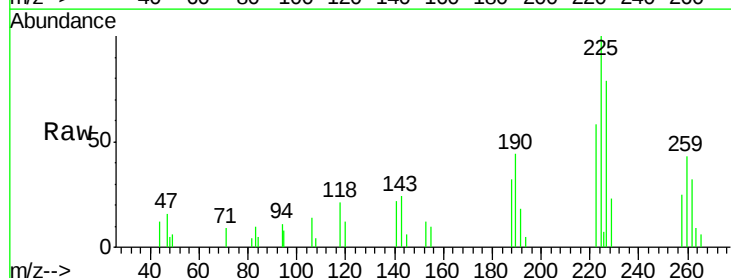


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

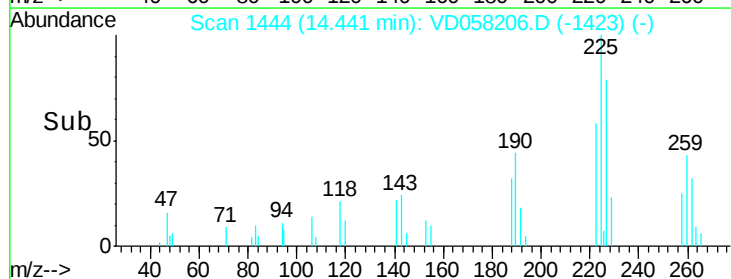
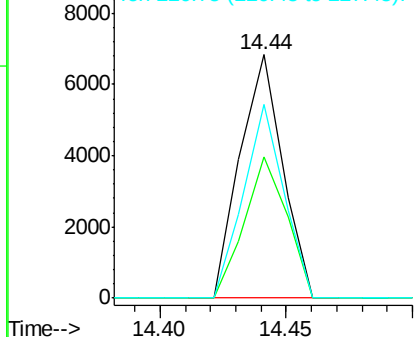


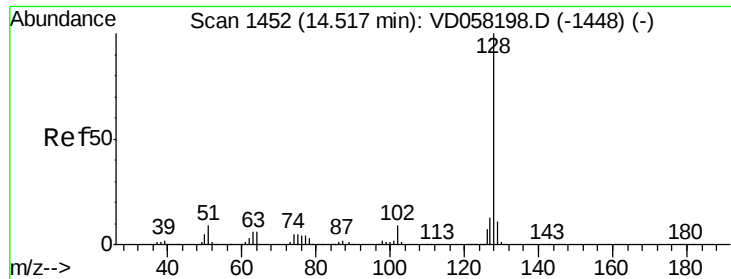
#94  
 Hexachlorobutadiene  
 Concen: 12.89 ug/l  
 RT: 14.44 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: VD058206.D  
 Acq: 20 Jun 2018 13:15

Tgt Ion:225 Resp: 8012  
 Ion Ratio Lower Upper  
 225 100  
 223 57.9 30.1 90.3  
 227 79.3 33.0 98.9



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





#95

Naphthalene

Concen: 27.71 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

Instrument :

MSVOA\_D

ClientSampleId :

VD0620SBS01

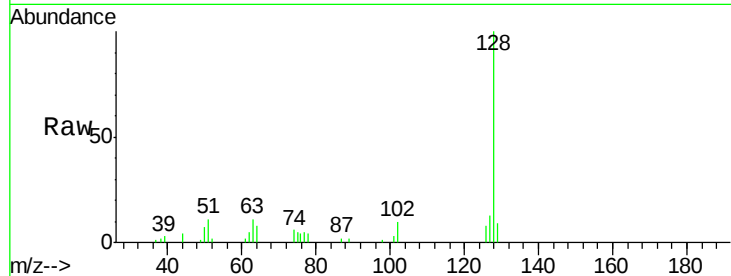
Tot Ion:128 Resp: 29012

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

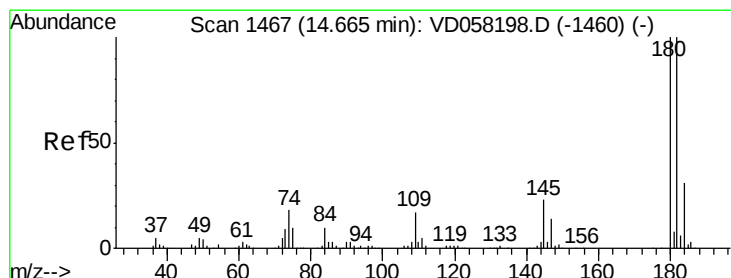
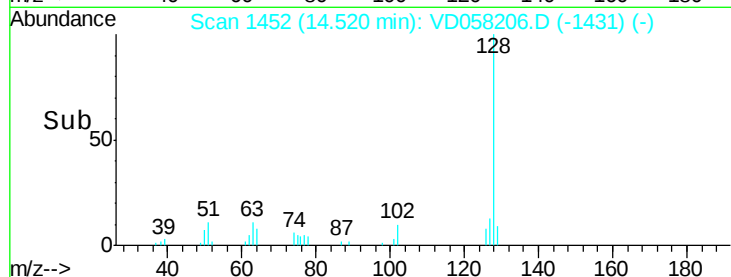
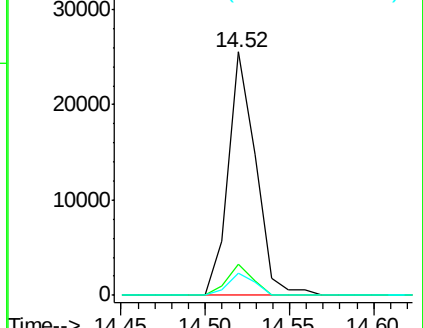
129 9.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.97 ug/l

RT: 14.67 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VD058206.D

Acq: 20 Jun 2018 13:15

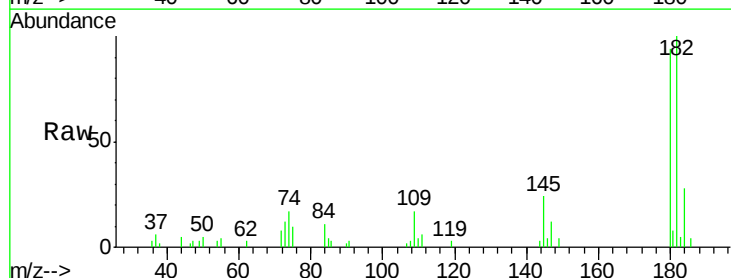
Tgt Ion:180 Resp: 13895

Ion Ratio Lower Upper

180 100

182 106.0 49.9 149.6

145 25.8 11.7 35.1



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

