

Data Path : W:\HPCHEM1\MSVOA\_D\DATA\VD032818\  
 Data File : VD056998.D  
 Acq On : 28 Mar 2018 12:48  
 Operator : JC/SY  
 Sample : VD0328SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBS01

Quant Time: Mar 29 05:50:16 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_D\METHOD\82D031518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 15 13:41:11 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.16  | 168  | 433096   | 50.00 | ug/l  | -0.04    |
| 34) 1,4-Difluorobenzene    | 7.29  | 114  | 774704   | 50.00 | ug/l  | -0.04    |
| 63) Chlorobenzene-d5       | 11.48 | 117  | 607296   | 50.00 | ug/l  | -0.03    |
| 72) 1,4-Dichlorobenzene-d4 | 13.83 | 152  | 250574   | 50.00 | ug/l  | -0.03    |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 6.57   | 65  | 298805   | 61.85 | ug/l    | -0.04 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 123.70% |       |
| 35) Dibromofluoromethane    | 6.06   | 113 | 319255   | 58.03 | ug/l    | -0.04 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 116.06% |       |
| 50) Toluene-d8              | 9.48   | 98  | 890592   | 52.63 | ug/l    | -0.04 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.26% |       |
| 62) 4-Bromofluorobenzene    | 12.76  | 95  | 325983   | 44.05 | ug/l    | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 88.10%  |       |

| Target Compounds              |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.38 | 85  | 98939  | 18.90  | ug/l   | 97     |
| 3) Chloromethane              | 1.53 | 50  | 59915  | 19.29  | ug/l   | 95     |
| 4) Vinyl Chloride             | 1.63 | 62  | 59448  | 20.02  | ug/l   | 94     |
| 5) Bromomethane               | 1.90 | 94  | 34989  | 20.81  | ug/l   | 85     |
| 6) Chloroethane               | 2.01 | 64  | 29425  | 20.87  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.25 | 101 | 100250 | 19.40  | ug/l   | 93     |
| 8) Diethyl Ether              | 2.54 | 74  | 18715  | 21.53  | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.79 | 101 | 52634  | 20.71  | ug/l   | 94     |
| 10) Methyl Iodide             | 2.94 | 142 | 59548  | 20.64  | ug/l   | 93     |
| 11) Tert butyl alcohol        | 3.59 | 59  | 29930  | 93.20  | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 2.77 | 96  | 41494  | 20.12  | ug/l   | 91     |
| 13) Acrolein                  | 2.68 | 56  | 12475  | 93.03  | ug/l   | 89     |
| 14) Allyl chloride            | 3.20 | 41  | 94242  | 21.45  | ug/l   | 90     |
| 15) Acrylonitrile             | 3.71 | 53  | 112818 | 104.13 | ug/l   | 98     |
| 16) Acetone                   | 2.84 | 43  | 73746  | 99.77  | ug/l   | 93     |
| 17) Carbon Disulfide          | 3.02 | 76  | 140687 | 19.31  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.22 | 43  | 30150  | 20.60  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 3.77 | 73  | 209217 | 20.12  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.38 | 84  | 51507  | 22.03  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 3.75 | 96  | 108631 | 19.83  | ug/l   | 95     |
| 22) Diisopropyl ether         | 4.51 | 45  | 396912 | 20.41  | ug/l   | 98     |
| 23) Vinyl Acetate             | 4.46 | 43  | 960640 | 104.71 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.41 | 63  | 222875 | 20.54  | ug/l   | 99     |
| 25) 2-Butanone                | 5.30 | 43  | 192006 | 112.38 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 5.27 | 77  | 181264 | 19.80  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 5.28 | 96  | 126864 | 21.09  | ug/l   | 94     |
| 28) Bromochloromethane        | 5.64 | 49  | 93291  | 23.27  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 5.68 | 42  | 103533 | 107.87 | ug/l   | 96     |
| 30) Chloroform                | 5.83 | 83  | 219011 | 20.50  | ug/l   | 100    |
| 31) Cyclohexane               | 6.12 | 56  | 224920 | 21.13  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.03 | 97  | 166710 | 19.27  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 6.28 | 75  | 179642 | 21.19  | ug/l   | 99     |
| 37) Ethyl Acetate             | 5.40 | 43  | 84766  | 21.14  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 6.26 | 117 | 144875 | 19.91  | ug/l   | 99     |

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 MSVOA\_X  
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 Quant Method : W:\HPCHEM1\MSVOA\_D\METHOD\82D031518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 15 13:41:11 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.94  | 83   | 185648   | 19.15  | ug/l   | 89       |
| 40) Benzene                    | 6.57  | 78   | 451910   | 21.36  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.61  | 41   | 52190    | 23.03  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 6.68  | 62   | 142351   | 22.85  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.27  | 43   | 133118   | 22.25  | ug/l # | 98       |
| 44) Trichloroethene            | 7.61  | 130  | 114491   | 19.34  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 8.01  | 63   | 132681   | 21.00  | ug/l   | 95       |
| 46) Dibromomethane             | 8.12  | 93   | 66276    | 20.94  | ug/l   | 89       |
| 47) Bromodichloromethane       | 8.42  | 83   | 158997   | 19.44  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.94  | 41   | 114961   | 21.74  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 8.14  | 88   | 10875    | 392.72 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.34  | 43   | 454473   | 113.05 | ug/l   | 99       |
| 52) Toluene                    | 9.58  | 92   | 268069   | 19.67  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.99  | 75   | 147800   | 18.34  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.09  | 75   | 190805   | 19.50  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.27 | 97   | 81267    | 19.62  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.12 | 69   | 105581   | 18.62  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.49 | 76   | 155346   | 20.25  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.89  | 63   | 291294   | 93.60  | ug/l   | 91       |
| 59) 2-Hexanone                 | 10.59 | 43   | 318195   | 102.32 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.78 | 129  | 91675    | 17.29  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.91 | 107  | 83239    | 18.88  | ug/l   | 93       |
| 64) Tetrachloroethene          | 10.35 | 164  | 87480    | 22.44  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.51 | 112  | 286108   | 21.21  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.63 | 131  | 89204    | 19.57  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.64 | 91   | 527644   | 21.59  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.79 | 106  | 370948   | 42.23  | ug/l   | 96       |
| 69) o-Xylene                   | 12.20 | 106  | 170806   | 20.13  | ug/l   | 82       |
| 70) Styrene                    | 12.23 | 104  | 286316   | 20.77  | ug/l   | 98       |
| 71) Bromoform                  | 12.41 | 173  | 41596    | 16.72  | ug/l   | 93       |
| 73) Isopropylbenzene           | 12.58 | 105  | 493864   | 21.16  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.42 | 43   | 162763   | 22.51  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.91 | 83   | 85600    | 19.97  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.96 | 75   | 99656    | 21.04  | ug/l   | 96       |
| 77) Bromobenzene               | 12.89 | 156  | 94466    | 19.80  | ug/l   | 72       |
| 78) n-propylbenzene            | 13.00 | 91   | 628549   | 21.73  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.07 | 91   | 339483   | 21.62  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene     | 13.17 | 105  | 381704   | 21.17  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-buten | 12.66 | 75   | 23309    | 16.99  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 13.19 | 91   | 387992   | 19.73  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.46 | 119  | 412790   | 20.67  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.51 | 105  | 390274   | 21.53  | ug/l   | 92       |
| 85) sec-Butylbenzene           | 13.66 | 105  | 507330   | 21.39  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.79 | 119  | 405524   | 20.74  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.76 | 146  | 188191   | 20.61  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.86 | 146  | 184226   | 20.10  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.14 | 91   | 416220   | 21.18  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.41 | 117  | 70678    | 15.80  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 14.17 | 146  | 161151   | 20.77  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.81 | 75   | 11109    | 20.14  | ug/l   | 78       |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
VD0328SBSD01

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Quant Title : SW846 8260  
QLast Update : Thu Mar 15 13:41:11 2018  
Response via : Initial Calibration

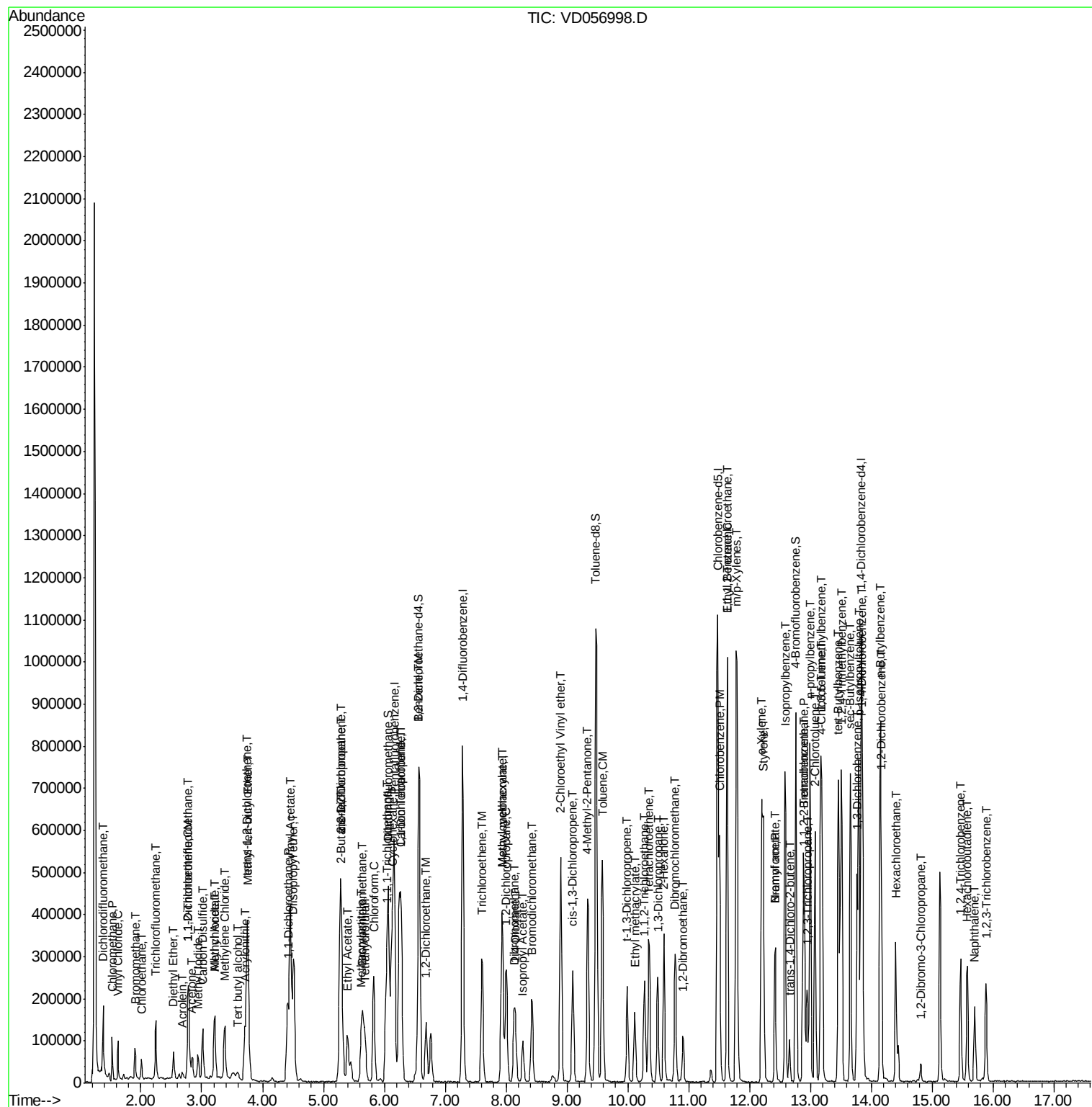
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.47 | 180  | 93764    | 19.15 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 15.58 | 225  | 53533    | 19.14 | ug/l  | 93       |
| 95) Naphthalene            | 15.70 | 128  | 160259   | 18.14 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.89 | 180  | 79651    | 19.83 | ug/l  | 92       |

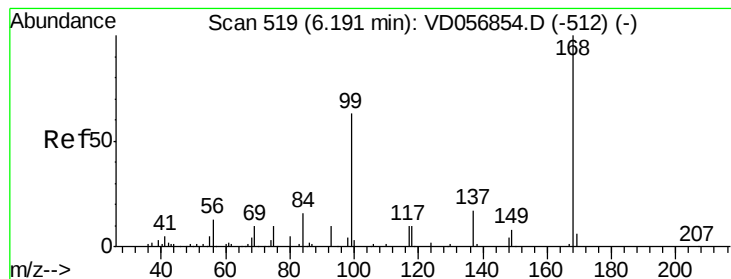
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Mar 15 13:41:11 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.16 min Scan# 516

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

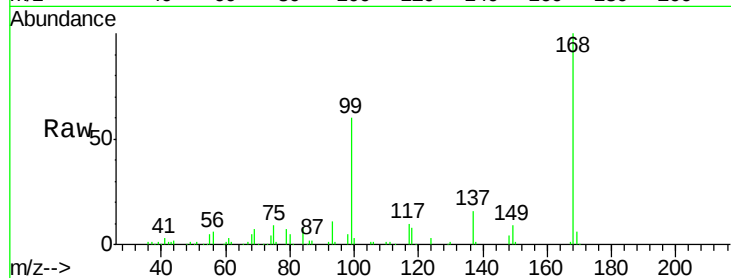
VD0328SBSD01

Tgt Ion:168 Resp: 433096

Ion Ratio Lower Upper

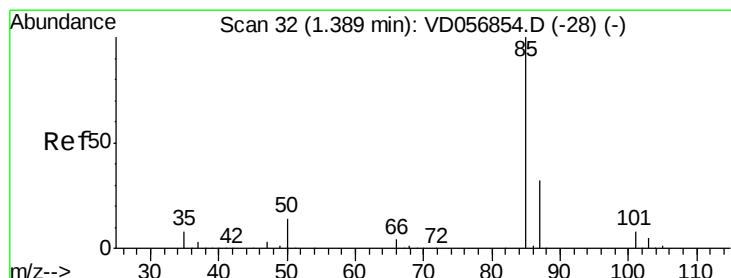
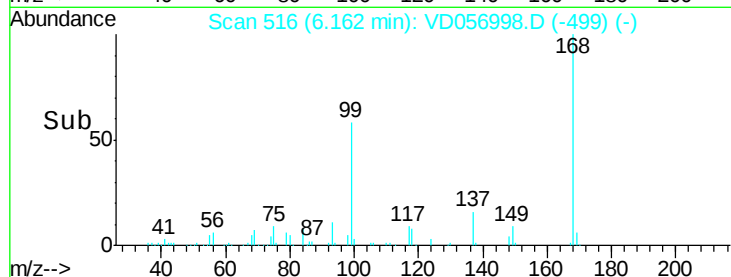
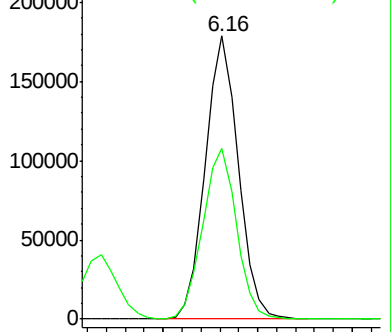
168 100

99 60.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 18.90 ug/l

RT: 1.38 min Scan# 31

Delta R.T. -0.01 min

Lab File: VD056998.D

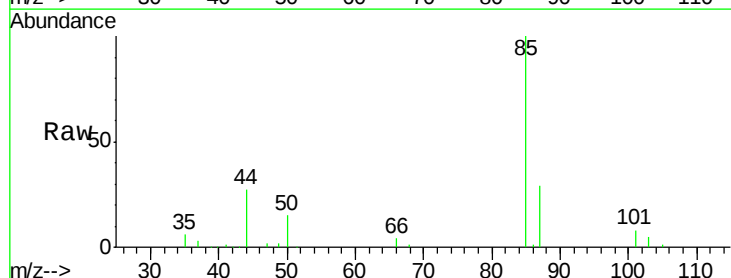
Acq: 28 Mar 2018 12:48

Tgt Ion: 85 Resp: 98939

Ion Ratio Lower Upper

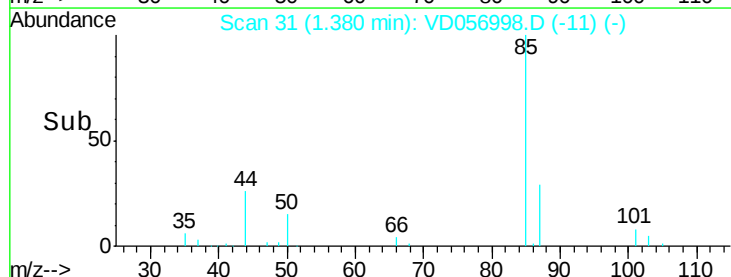
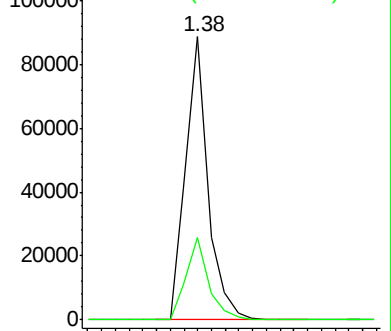
85 100

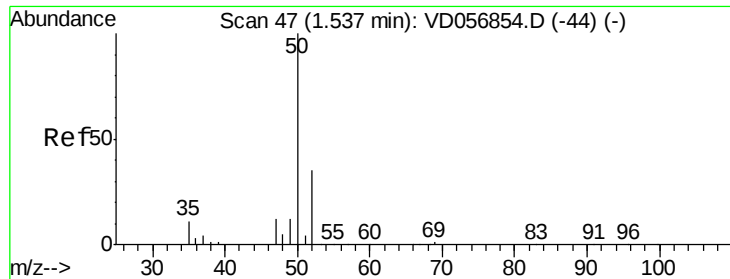
87 28.9 15.2 45.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.29 ug/l

RT: 1.53 min Scan# 46

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

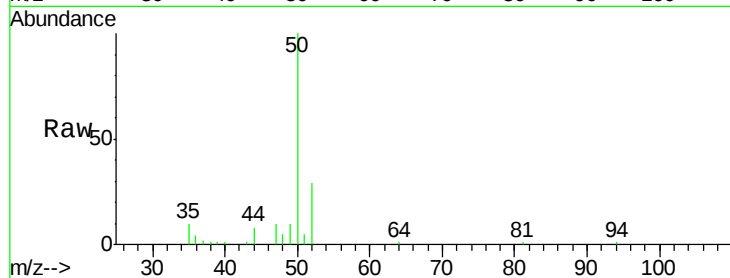
VD0328SBSD01

Tgt Ion: 50 Resp: 59915

Ion Ratio Lower Upper

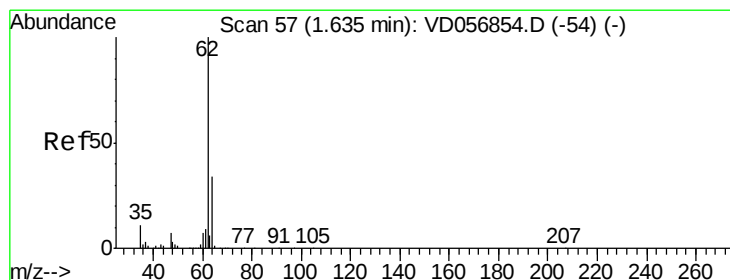
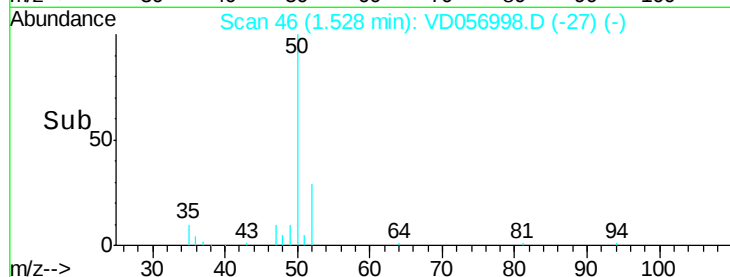
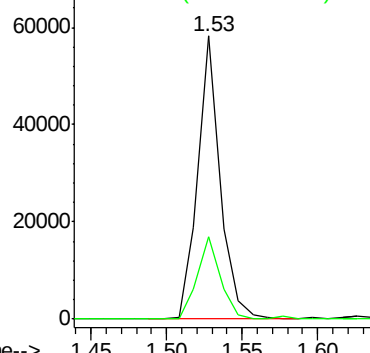
50 100

52 29.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.02 ug/l

RT: 1.63 min Scan# 56

Delta R.T. -0.02 min

Lab File: VD056998.D

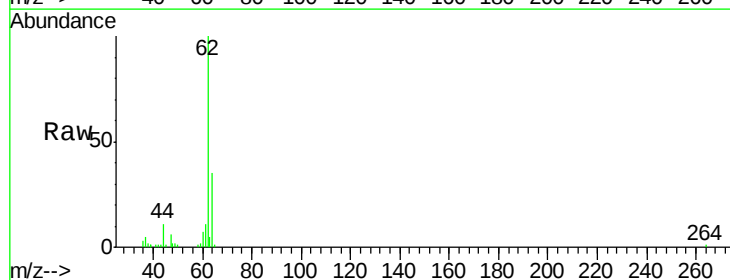
Acq: 28 Mar 2018 12:48

Tgt Ion: 62 Resp: 59448

Ion Ratio Lower Upper

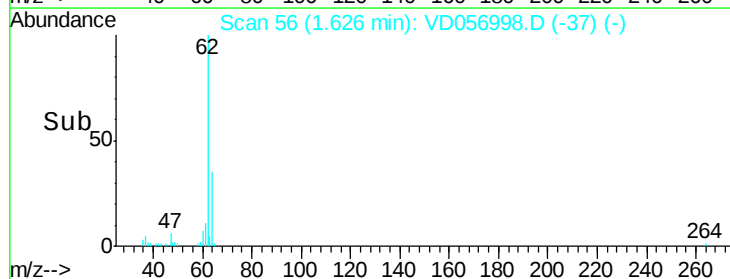
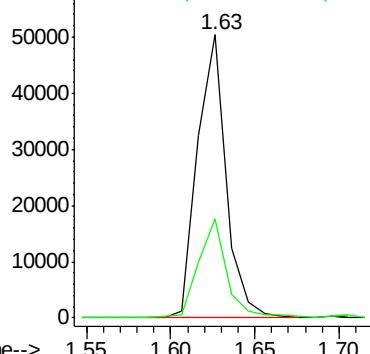
62 100

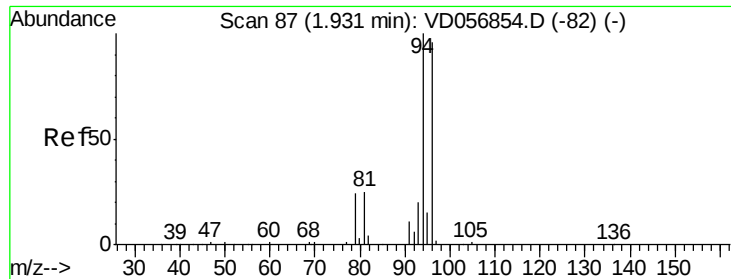
64 34.9 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 20.81 ug/l

RT: 1.90 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

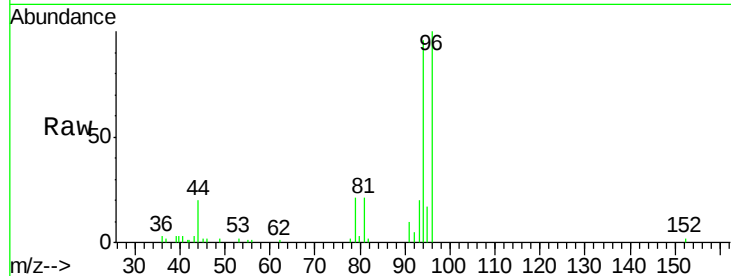
VD0328SBSD01

Tgt Ion: 94 Resp: 34989

Ion Ratio Lower Upper

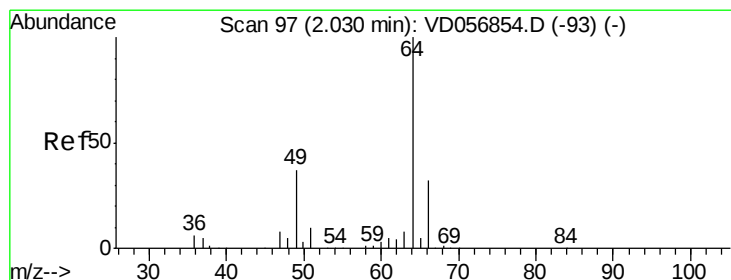
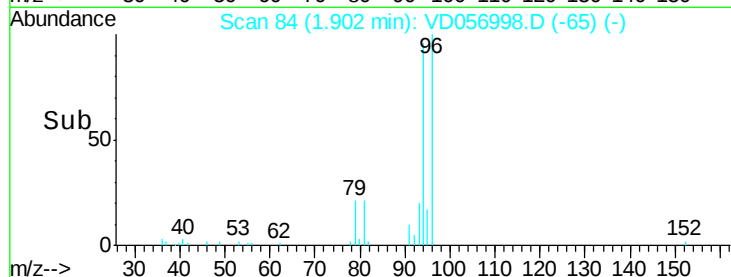
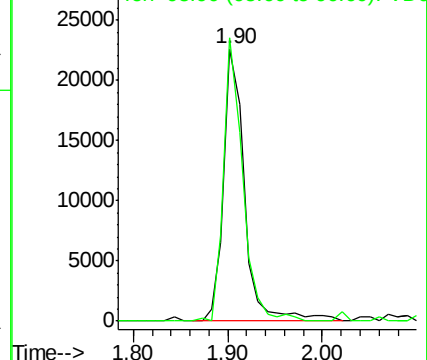
94 100

96 103.9 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.87 ug/l

RT: 2.01 min Scan# 95

Delta R.T. -0.02 min

Lab File: VD056998.D

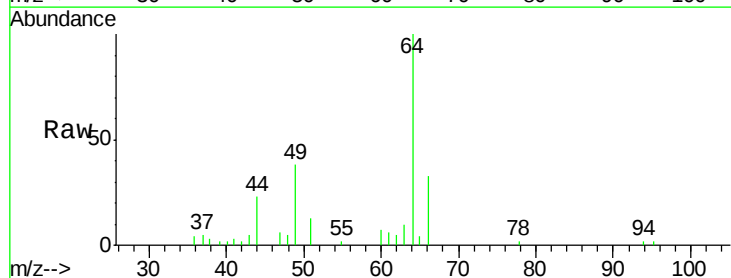
Acq: 28 Mar 2018 12:48

Tgt Ion: 64 Resp: 29425

Ion Ratio Lower Upper

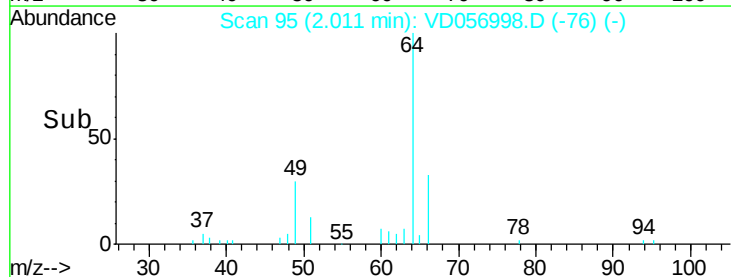
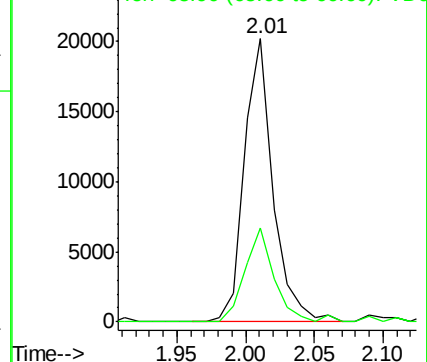
64 100

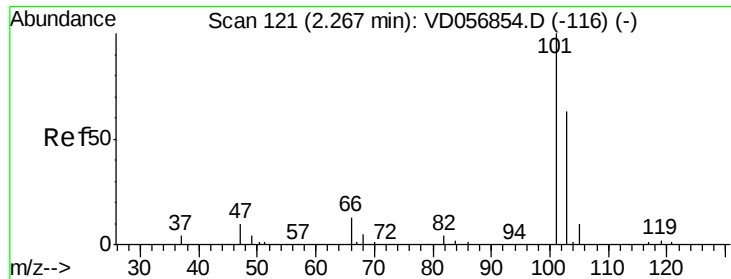
66 33.3 26.1 39.1



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 19.40 ug/l

RT: 2.25 min Scan# 119

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

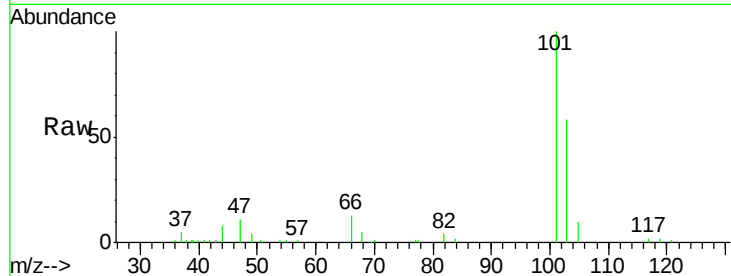
VD0328SBSD01

Tgt Ion:101 Resp: 100250

Ion Ratio Lower Upper

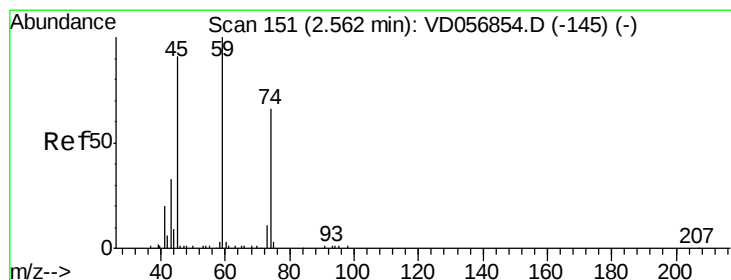
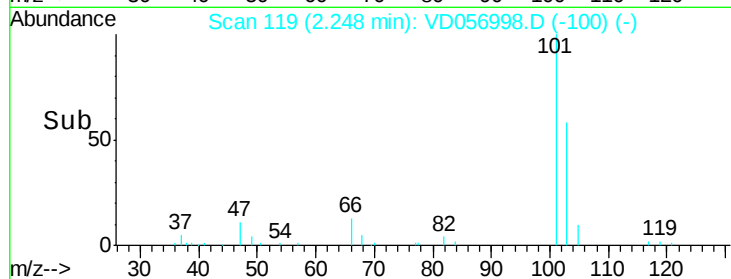
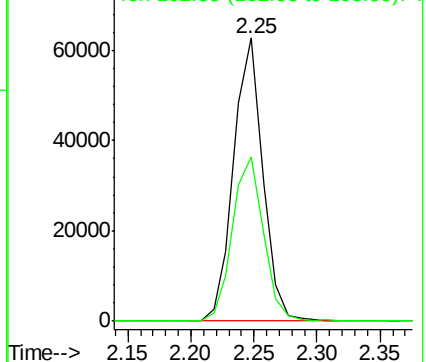
101 100

103 58.3 51.0 76.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 21.53 ug/l

RT: 2.54 min Scan# 149

Delta R.T. -0.02 min

Lab File: VD056998.D

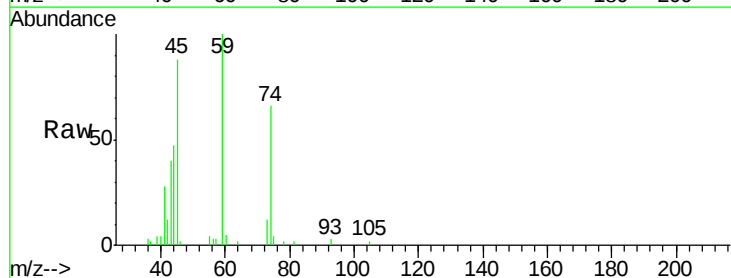
Acq: 28 Mar 2018 12:48

Tgt Ion: 74 Resp: 18715

Ion Ratio Lower Upper

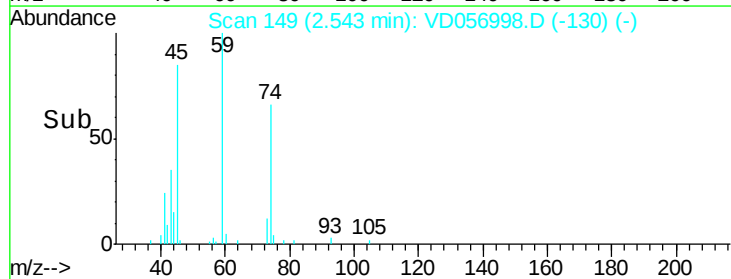
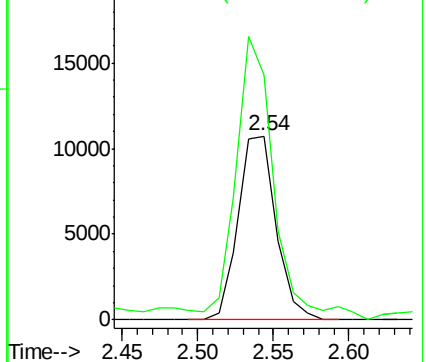
74 100

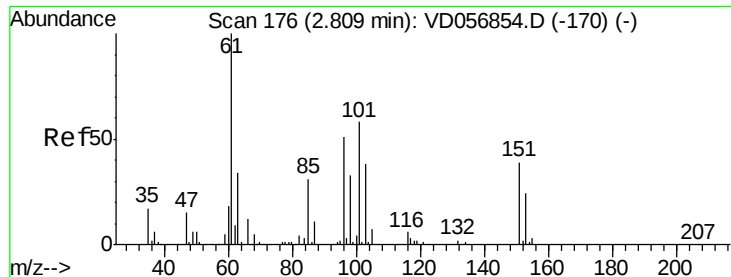
45 133.2 72.9 218.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.71 ug/l

RT: 2.79 min Scan# 174

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

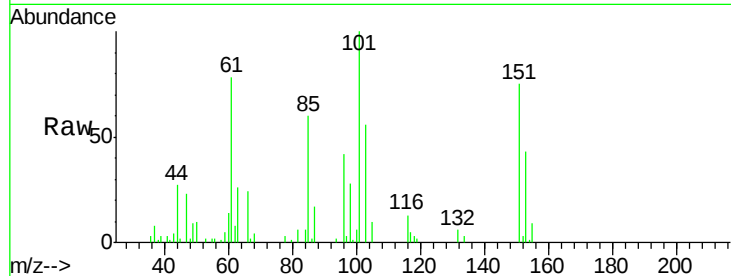
Tgt Ion:101 Resp: 52634

Ion Ratio Lower Upper

101 100

85 60.1 42.3 63.5

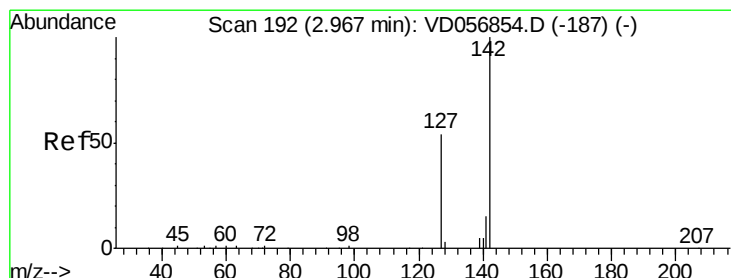
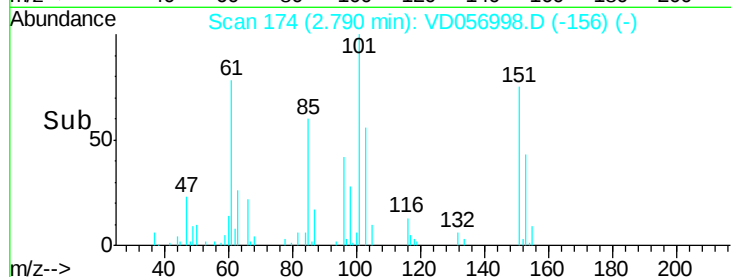
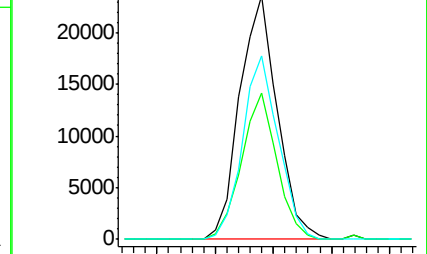
151 75.4 58.5 87.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VD

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 20.64 ug/l

RT: 2.94 min Scan# 189

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

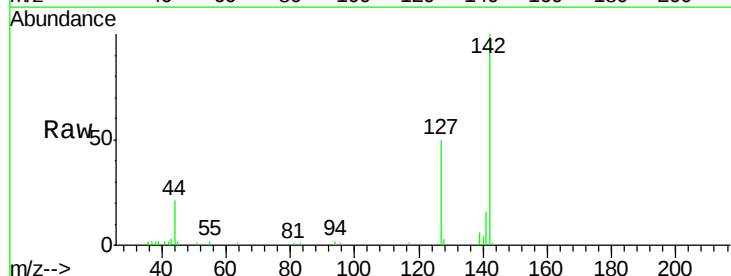
Tgt Ion:142 Resp: 59548

Ion Ratio Lower Upper

142 100

127 49.8 44.3 66.5

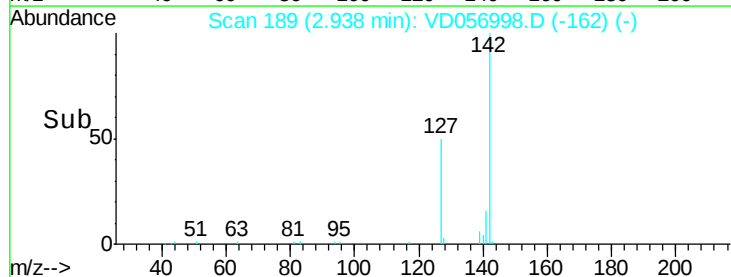
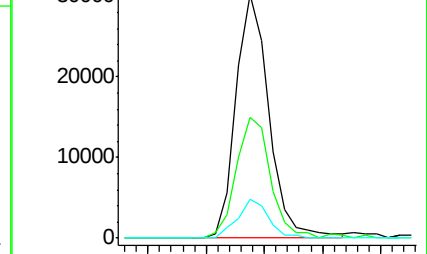
141 15.9 11.8 17.6

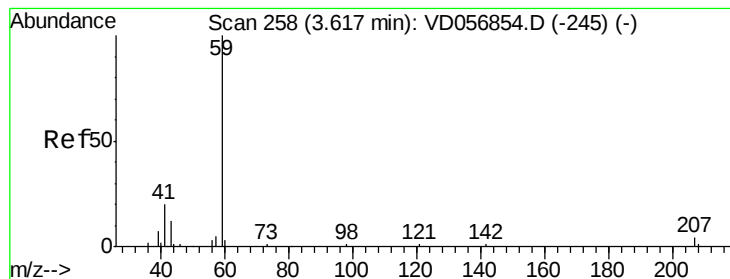


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 93.20 ug/l

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

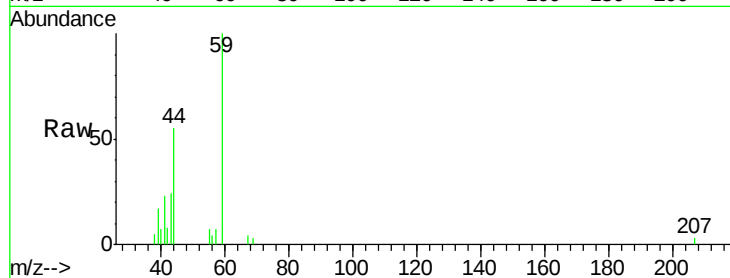
VD0328SBSD01

Tgt Ion: 59 Resp: 29930

Ion Ratio Lower Upper

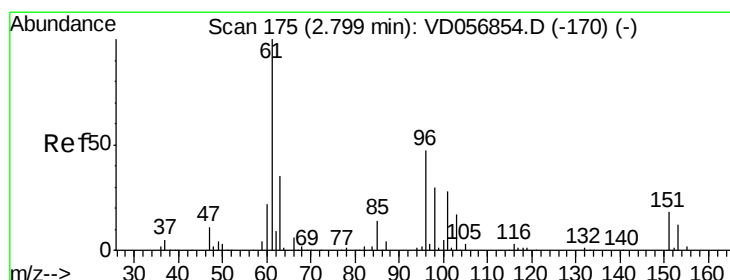
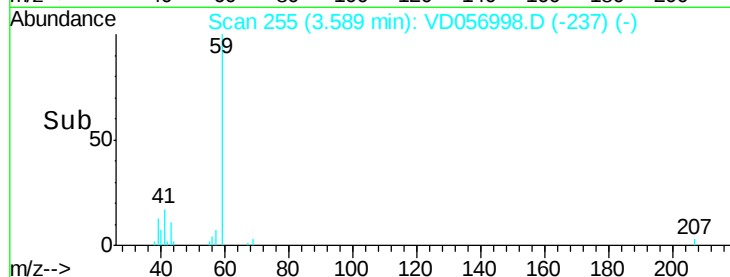
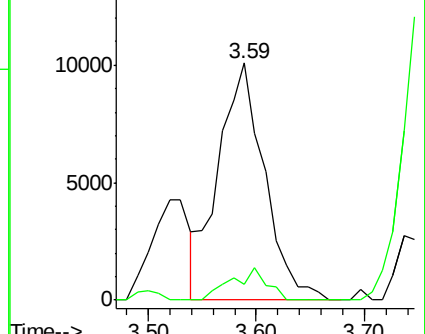
59 100

57 7.0 8.1 12.1#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 20.12 ug/l

RT: 2.77 min Scan# 172

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

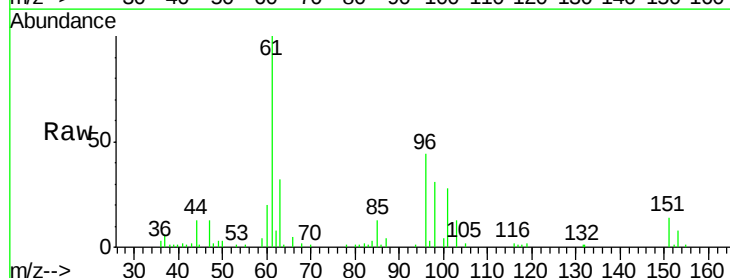
Tgt Ion: 96 Resp: 41494

Ion Ratio Lower Upper

96 100

61 228.3 172.2 258.4

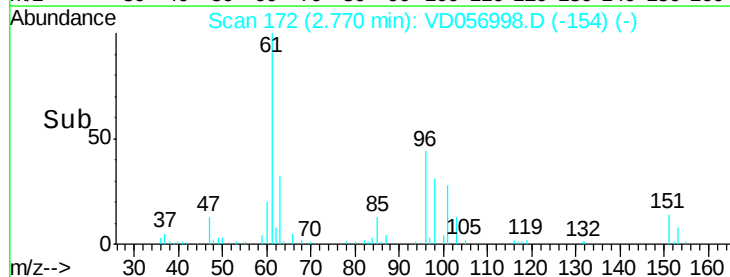
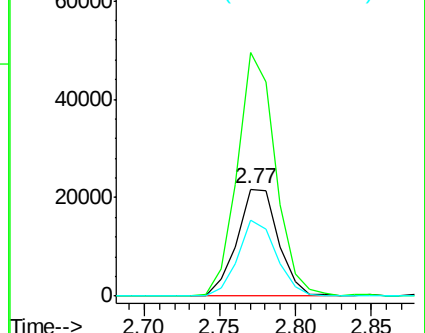
98 71.4 49.4 74.0

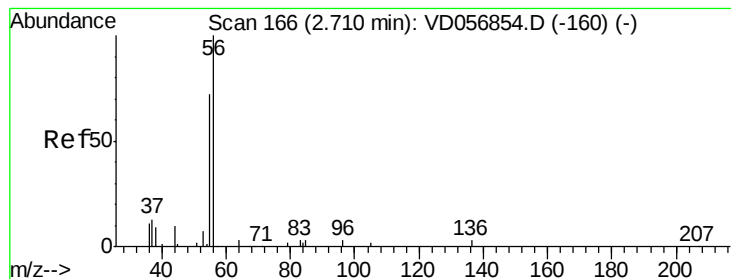


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 93.03 ug/l

RT: 2.68 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

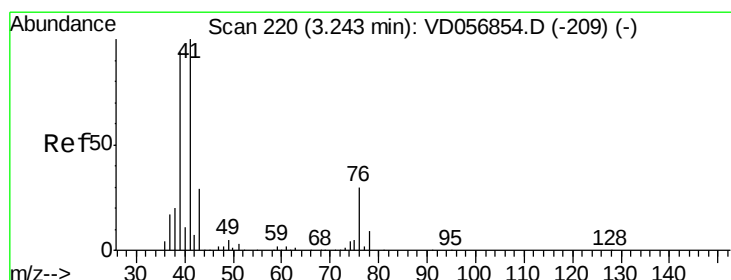
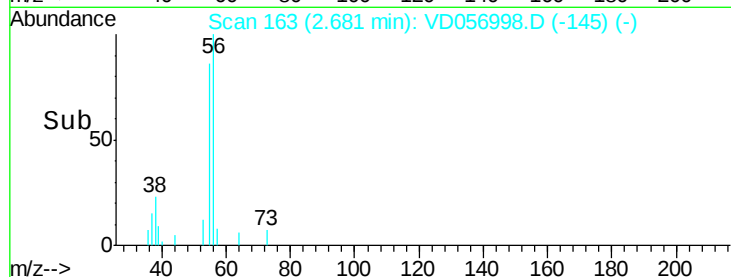
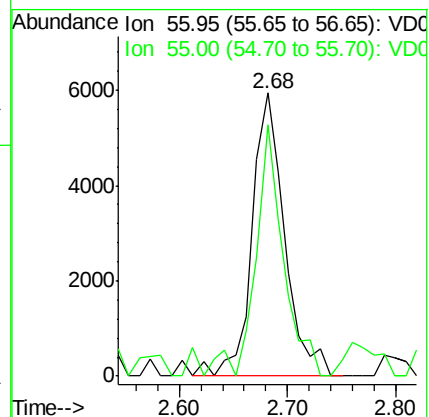
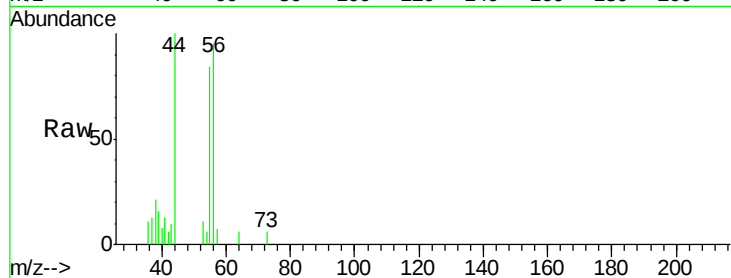
VD0328SBSD01

Tgt Ion: 56 Resp: 12475

Ion Ratio Lower Upper

56 100

55 88.7 63.2 94.8



#14

Allyl chloride

Concen: 21.45 ug/l

RT: 3.20 min Scan# 216

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

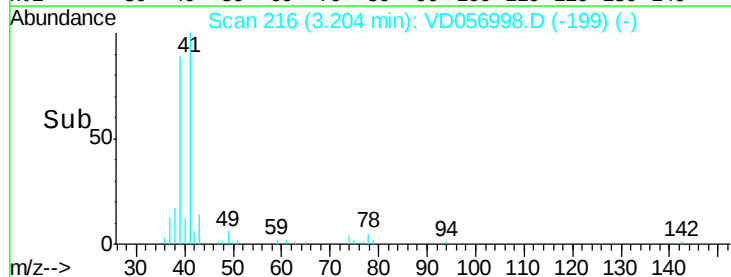
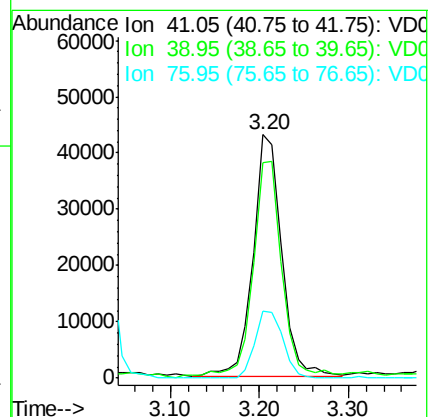
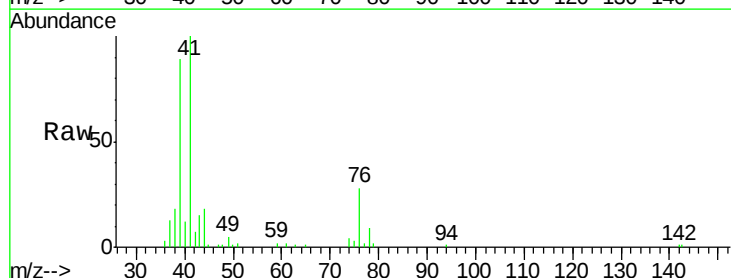
Tgt Ion: 41 Resp: 94242

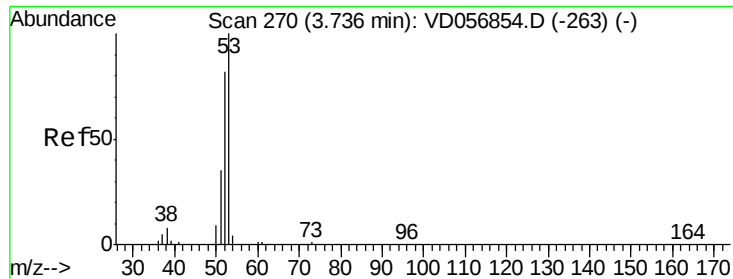
Ion Ratio Lower Upper

41 100

39 88.7 81.0 121.6

76 27.5 22.9 34.3





#15

Acrylonitrile

Concen: 104.13 ug/l

RT: 3.71 min Scan# 267

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

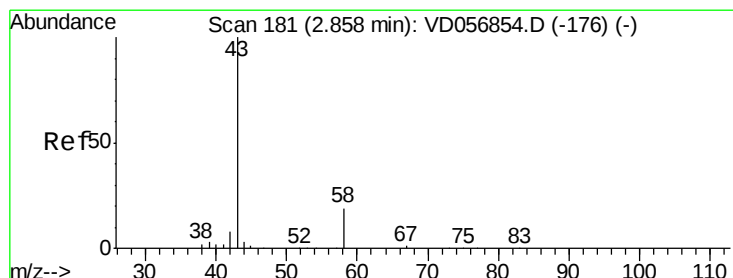
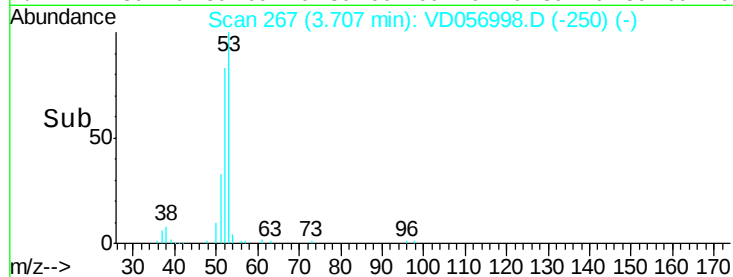
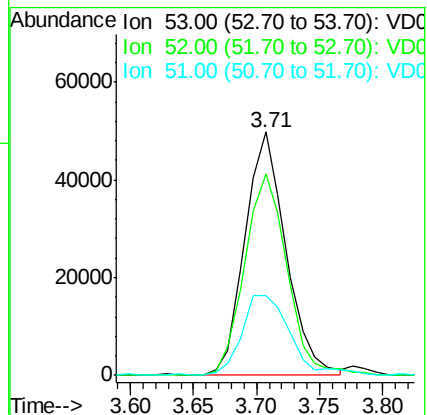
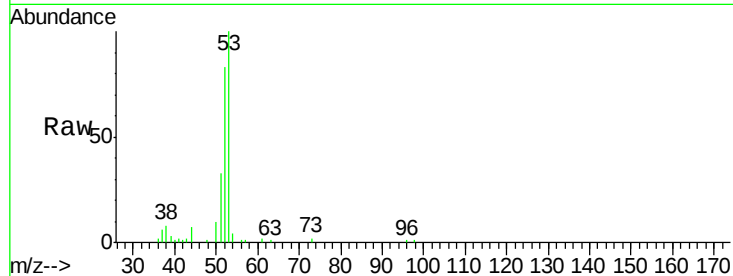
Tgt Ion: 53 Resp: 112818

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

51 32.9 29.6 44.4



#16

Acetone

Concen: 99.77 ug/l

RT: 2.84 min Scan# 179

Delta R.T. -0.03 min

Lab File: VD056998.D

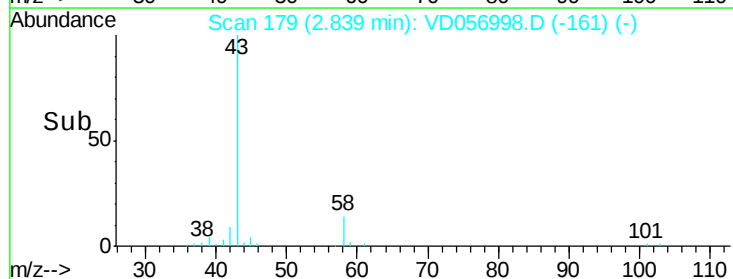
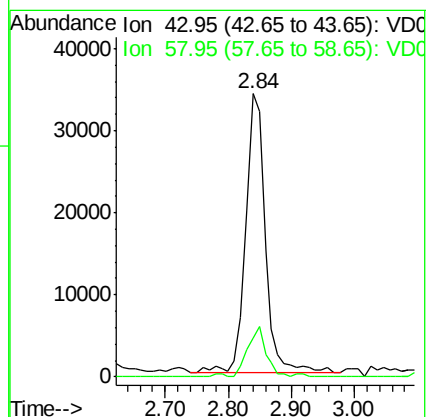
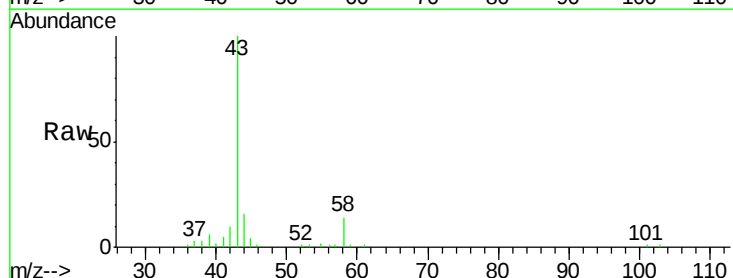
Acq: 28 Mar 2018 12:48

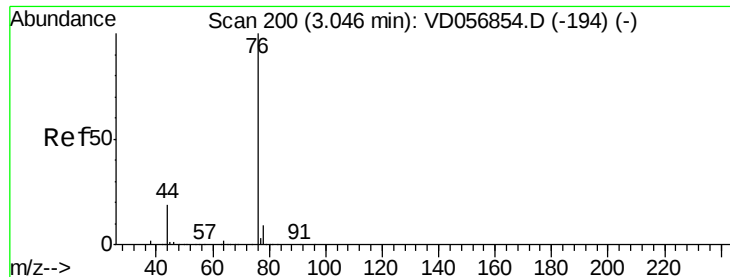
Tgt Ion: 43 Resp: 73746

Ion Ratio Lower Upper

43 100

58 13.8 13.6 20.4

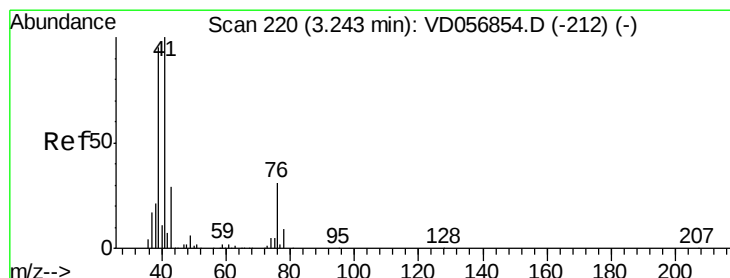
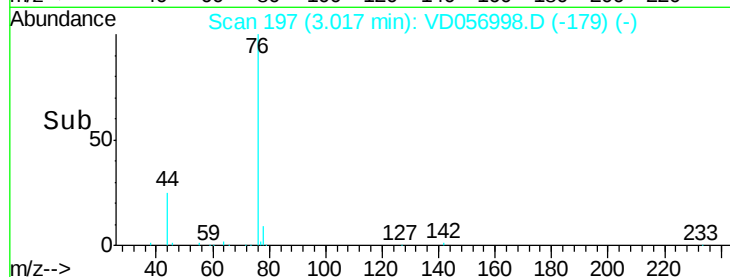
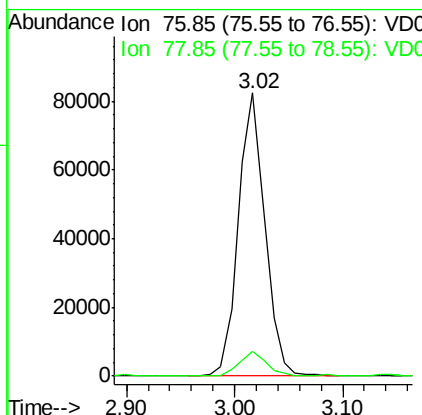
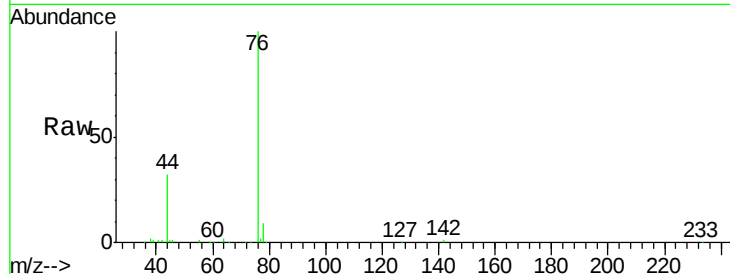




#17  
Carbon Disulfide  
Concen: 19.31 ug/l  
RT: 3.02 min Scan# 197  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

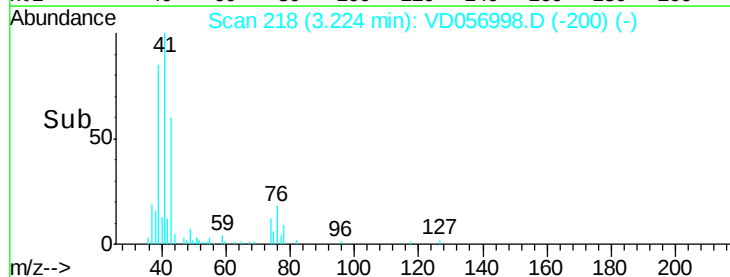
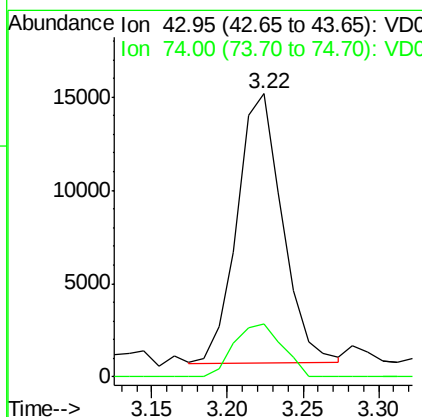
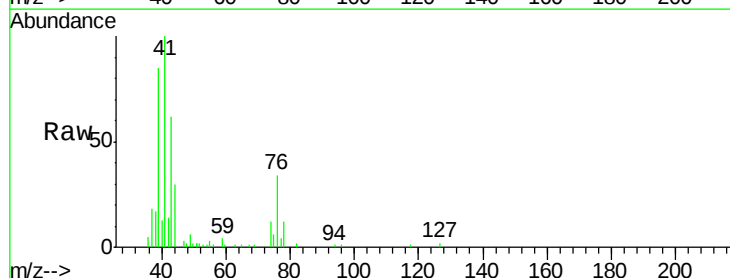
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

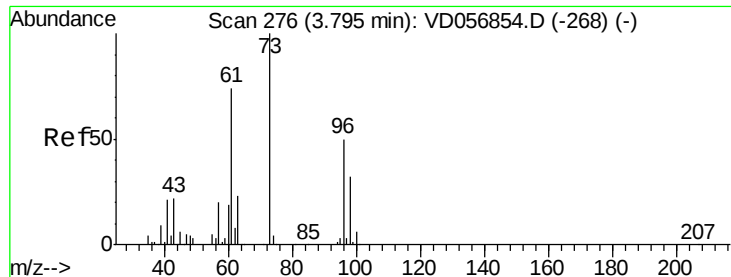
Tgt Ion: 76 Resp: 140687  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.60 ug/l  
RT: 3.22 min Scan# 218  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 43 Resp: 30150  
Ion Ratio Lower Upper  
43 100  
74 18.8 15.6 23.4

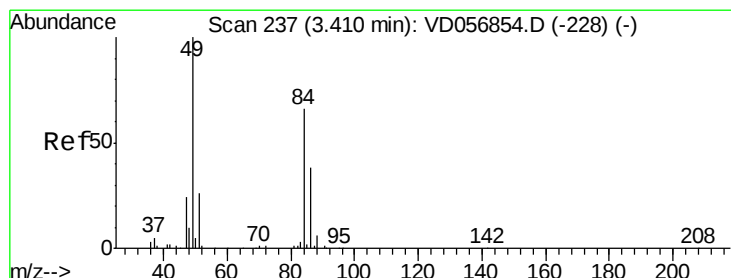
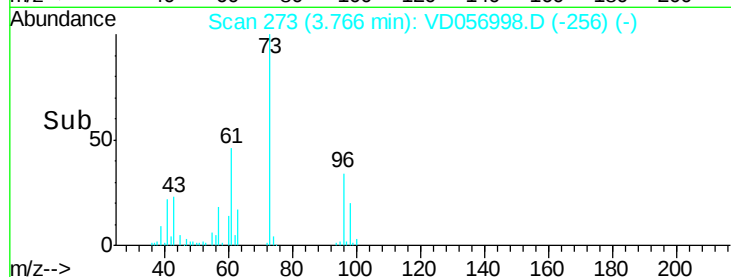
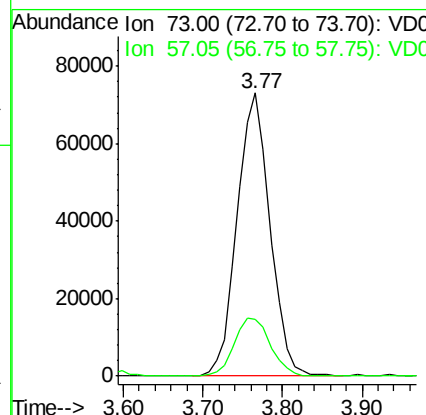
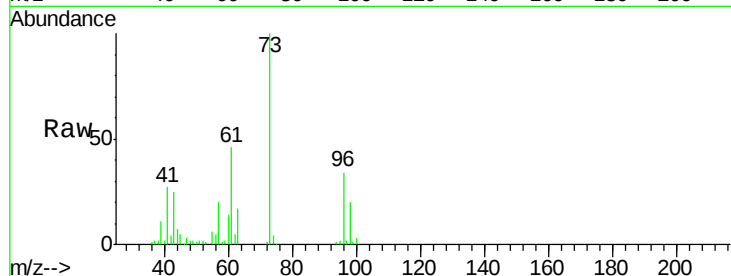




#19  
Methyl tert-butyl Ether  
Concen: 20.12 ug/l  
RT: 3.77 min Scan# 273  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

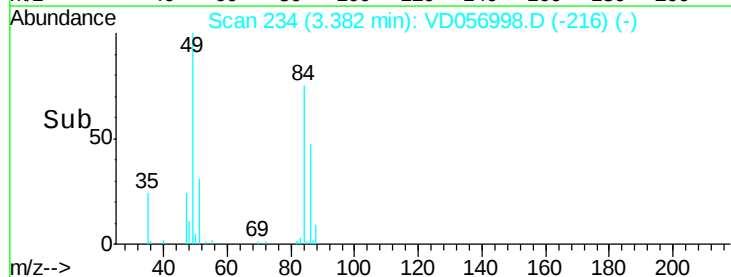
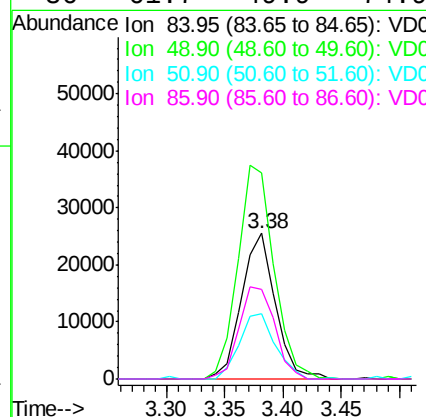
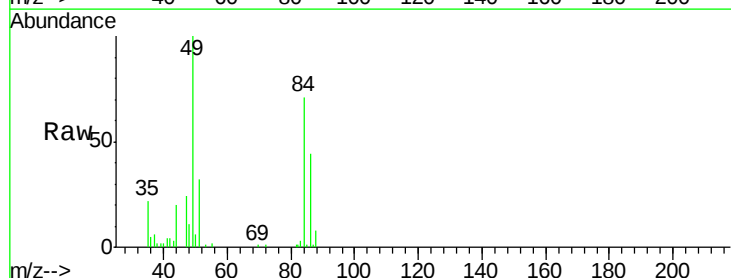
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

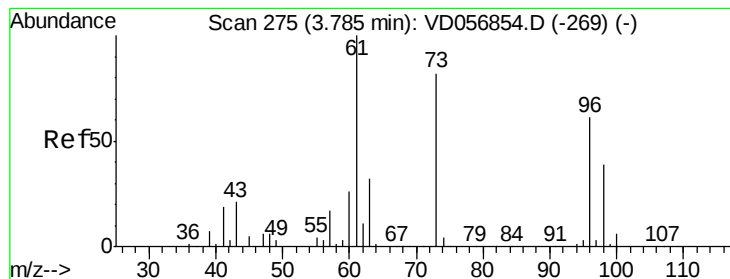
Tgt Ion: 73 Resp: 209217  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.6 24.8



#20  
Methylene Chloride  
Concen: 22.03 ug/l  
RT: 3.38 min Scan# 234  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 84 Resp: 51507  
Ion Ratio Lower Upper  
84 100  
49 141.8 124.5 186.7  
51 45.2 35.1 52.7  
86 61.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.83 ug/l

RT: 3.75 min Scan# 271

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

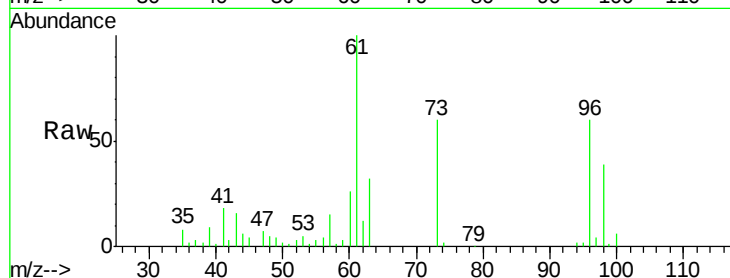
Tgt Ion: 96 Resp: 108631

Ion Ratio Lower Upper

96 100

61 165.5 127.1 190.7

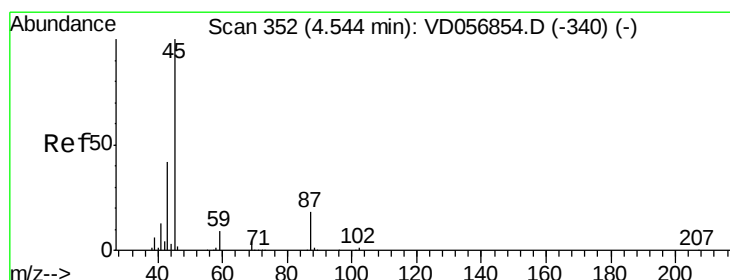
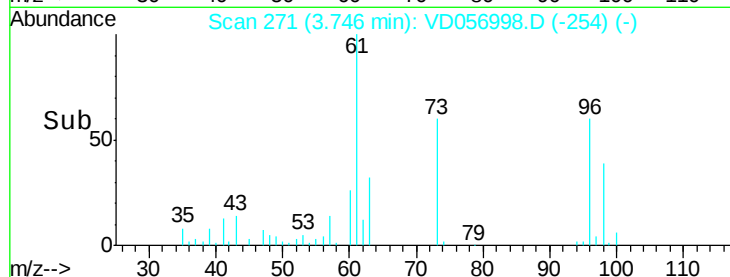
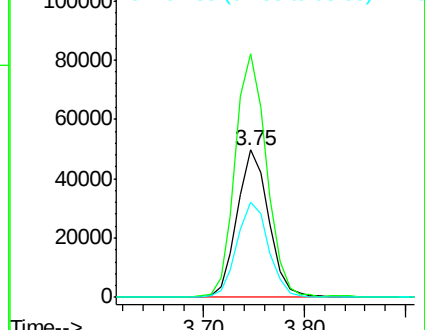
98 64.5 49.3 73.9



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: 20.41 ug/l

RT: 4.51 min Scan# 348

Delta R.T. -0.05 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Tgt Ion: 45 Resp: 396912

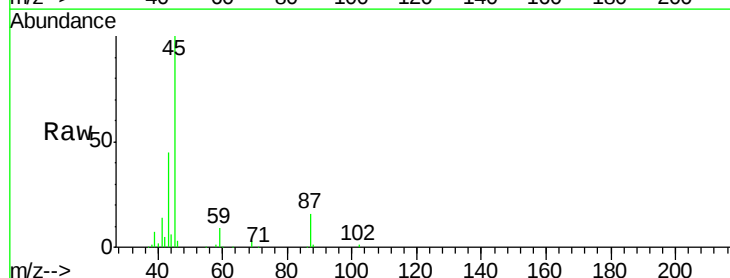
Ion Ratio Lower Upper

45 100

43 44.5 35.0 52.4

87 16.2 14.2 21.4

59 9.1 8.2 12.2

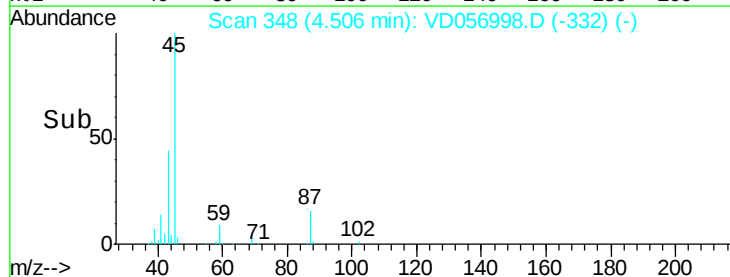
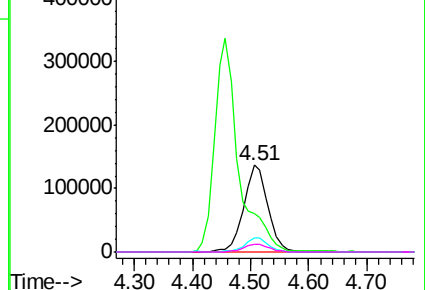


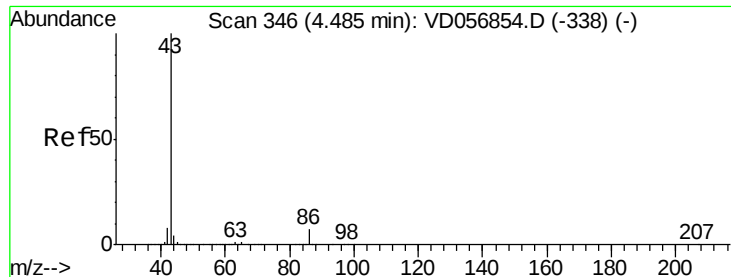
Abundance Ion 45.05 (44.75 to 45.75): VDC

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

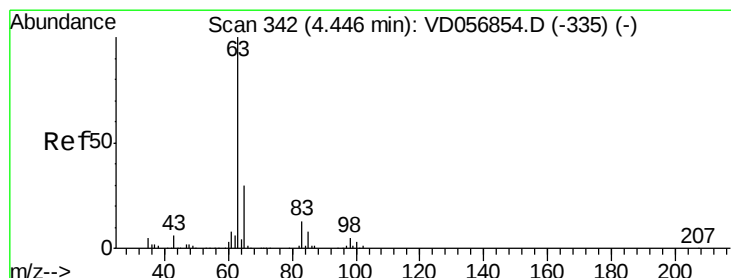
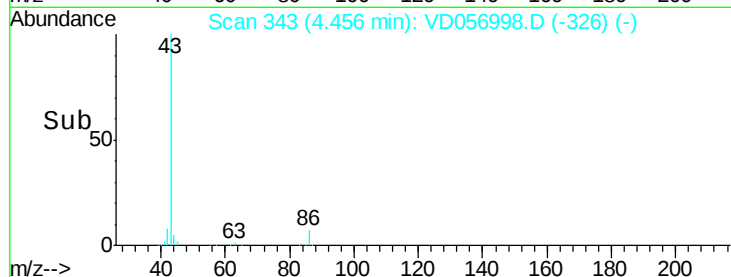
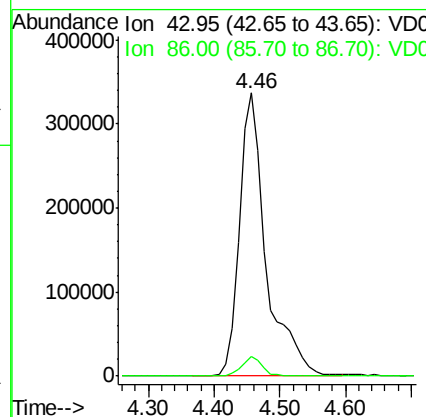
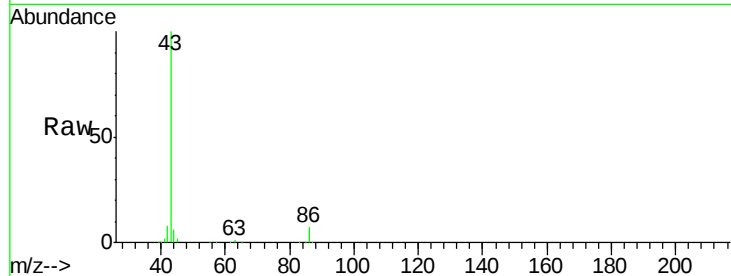




#23  
 Vinyl Acetate  
 Concen: 104.71 ug/l  
 RT: 4.46 min Scan# 343  
 Delta R.T. -0.04 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

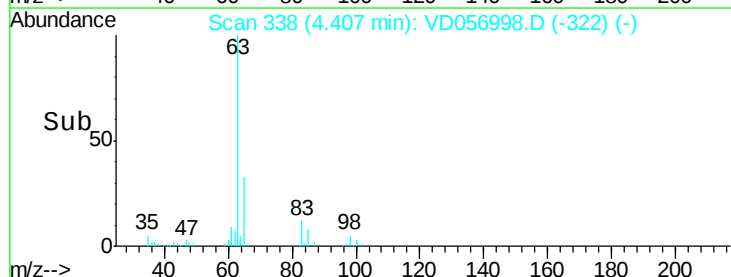
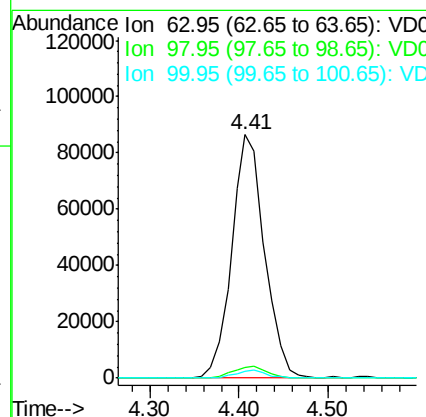
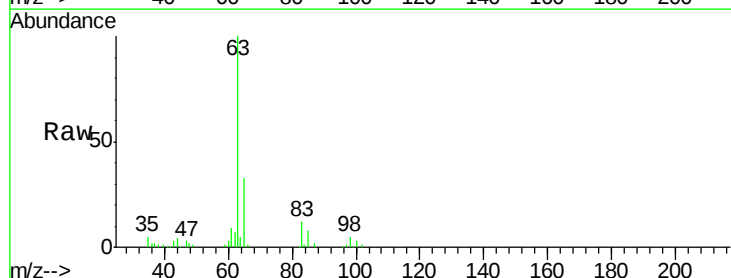
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

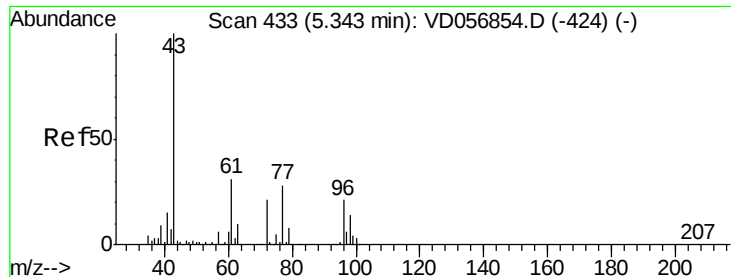
Tgt Ion: 43 Resp: 960640  
 Ion Ratio Lower Upper  
 43 100  
 86 6.8 5.8 8.6



#24  
 1,1-Dichloroethane  
 Concen: 20.54 ug/l  
 RT: 4.41 min Scan# 338  
 Delta R.T. -0.05 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion: 63 Resp: 222875  
 Ion Ratio Lower Upper  
 63 100  
 98 4.6 2.5 7.4  
 100 3.1 1.5 4.5

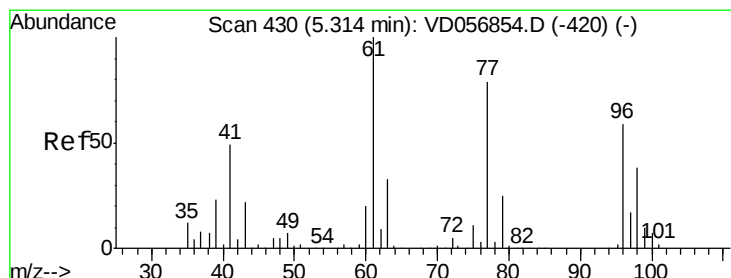
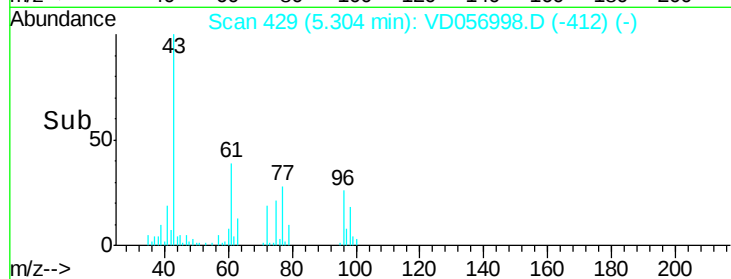
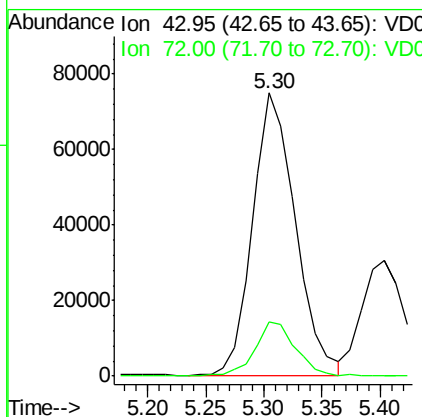
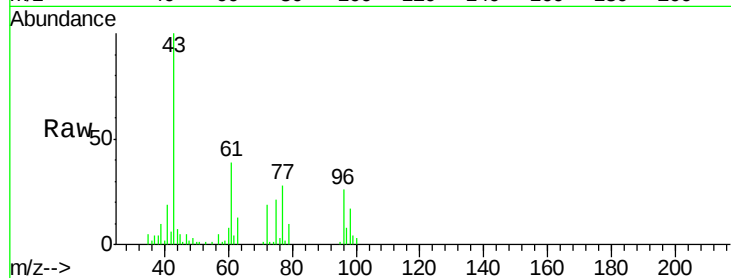




#25  
2-Butanone  
Concen: 112.38 ug/l  
RT: 5.30 min Scan# 429  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

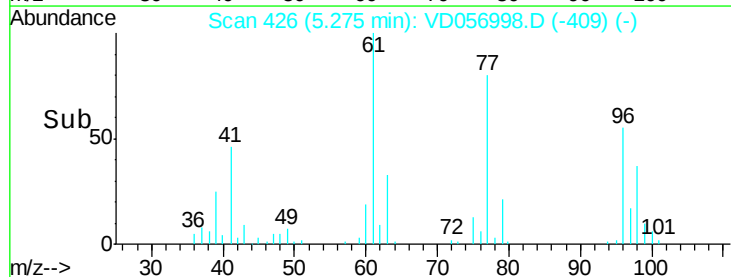
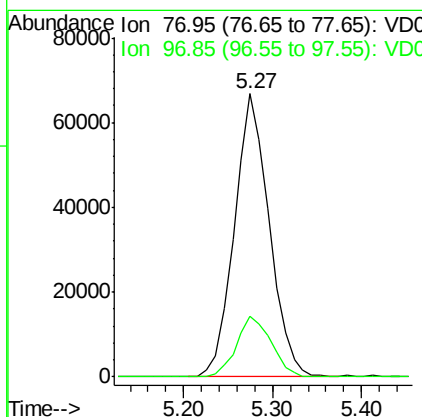
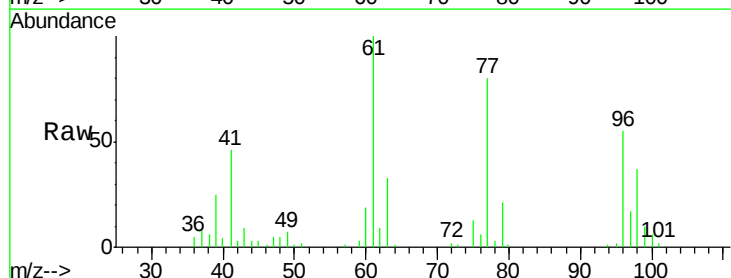
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

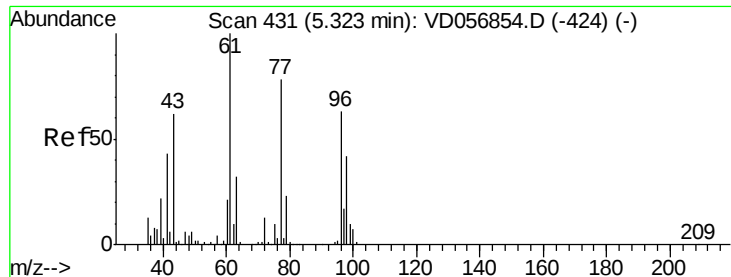
Tgt Ion: 43 Resp: 192006  
Ion Ratio Lower Upper  
43 100  
72 19.3 16.6 24.8



#26  
2,2-Dichloropropane  
Concen: 19.80 ug/l  
RT: 5.27 min Scan# 426  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 77 Resp: 181264  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 5.28 min Scan# 427

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

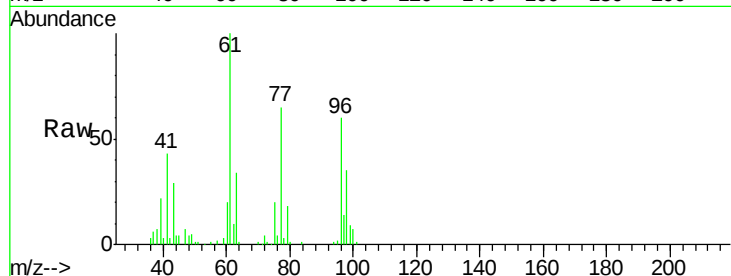
Tgt Ion: 96 Resp: 126864

Ion Ratio Lower Upper

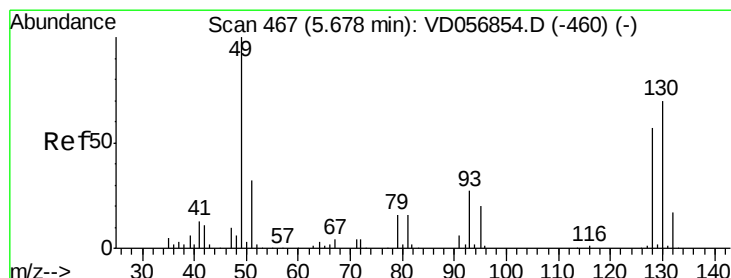
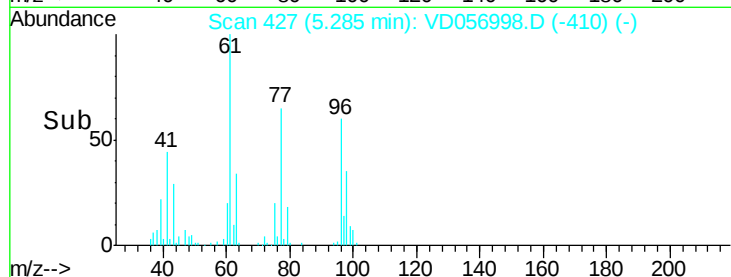
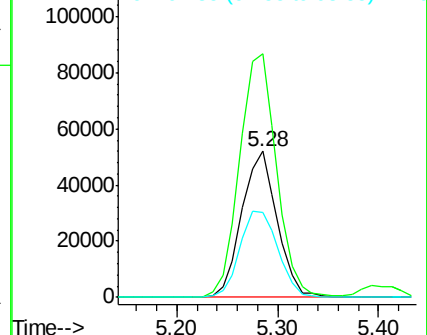
96 100

61 166.5 0.0 319.4

98 57.9 0.0 129.0



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



#28

Bromochloromethane

Concen: 23.27 ug/l

RT: 5.64 min Scan# 463

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

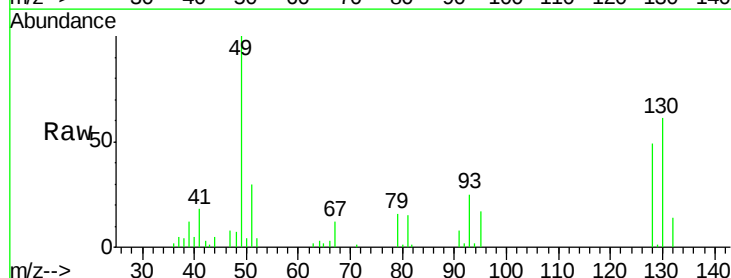
Tgt Ion: 49 Resp: 93291

Ion Ratio Lower Upper

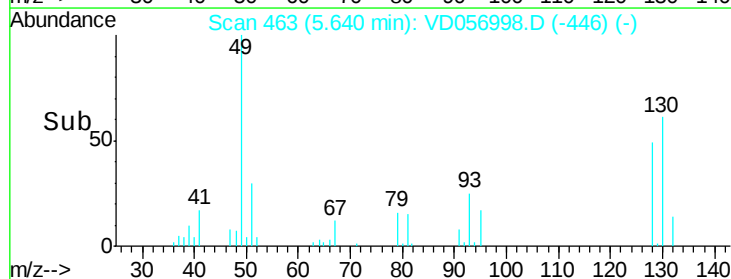
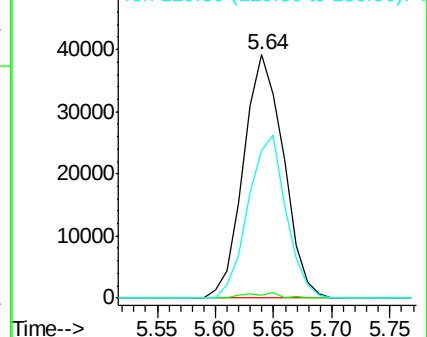
49 100

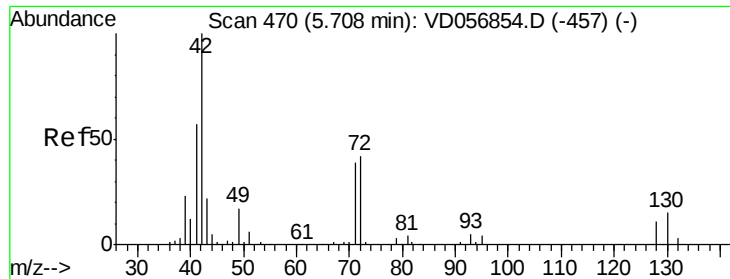
129 1.3 0.0 3.4

130 60.6 53.0 79.6



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

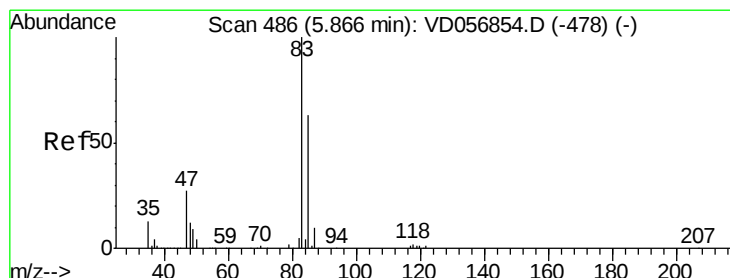
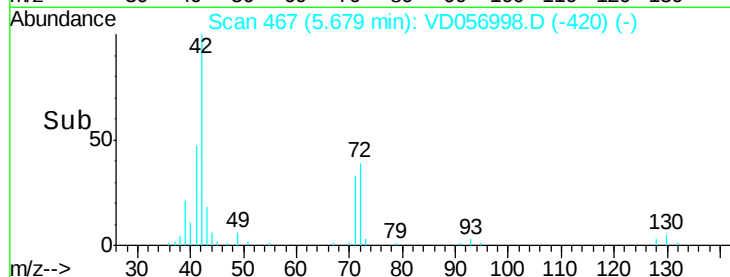
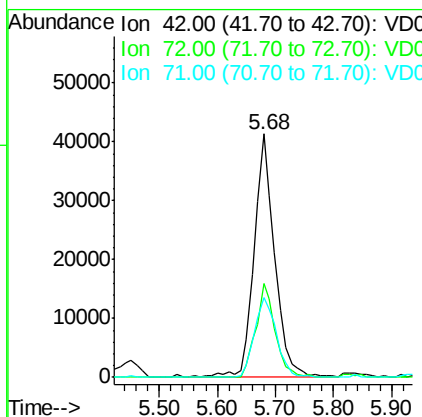
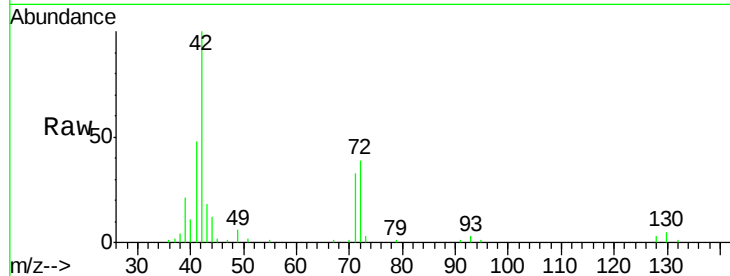




#29  
Tetrahydrofuran  
Concen: 107.87 ug/l  
RT: 5.68 min Scan# 467  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

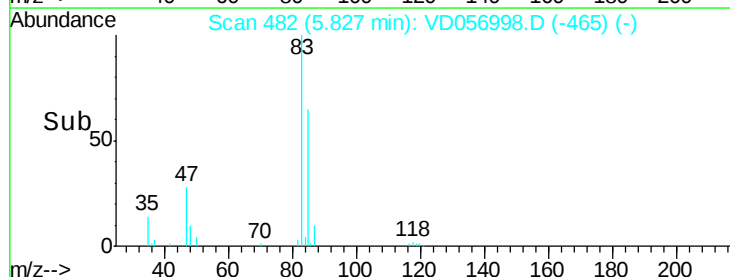
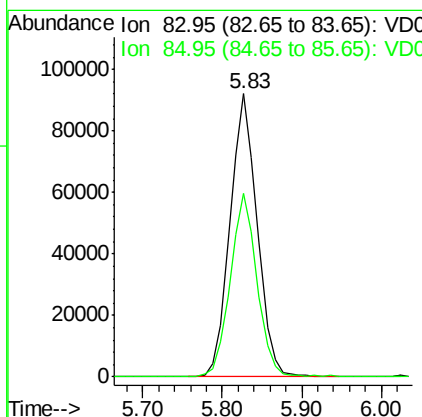
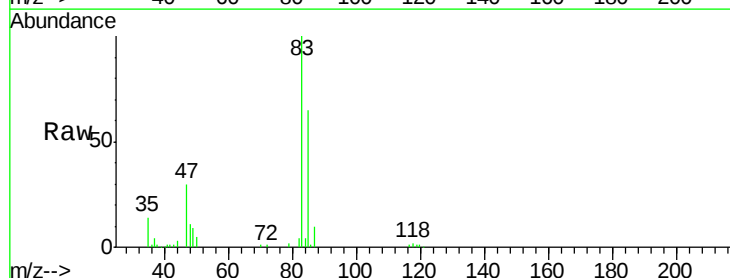
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

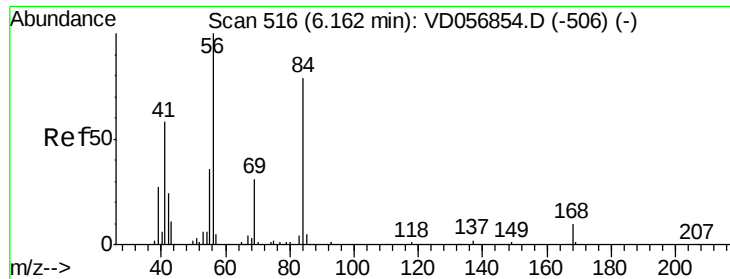
Tgt Ion: 42 Resp: 103533  
Ion Ratio Lower Upper  
42 100  
72 36.3 30.9 46.3  
71 35.1 30.4 45.6



#30  
Chloroform  
Concen: 20.50 ug/l  
RT: 5.83 min Scan# 482  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 83 Resp: 219011  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.9 77.9

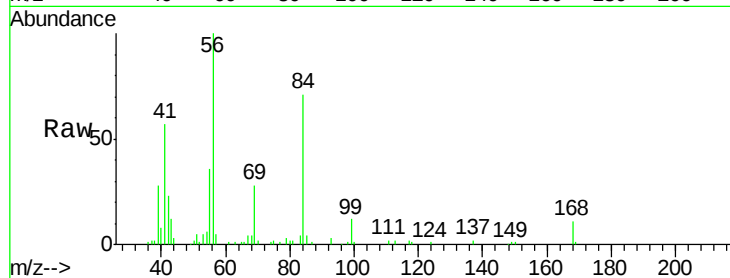




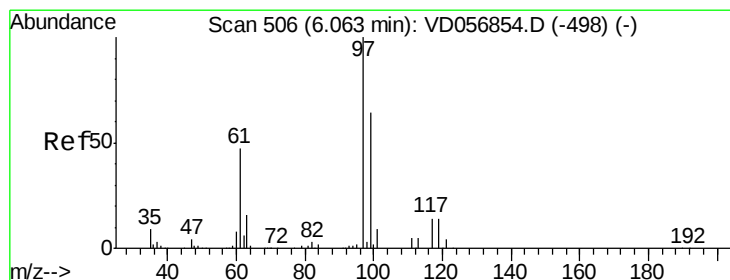
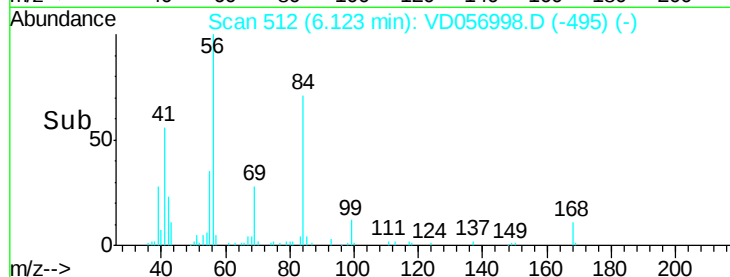
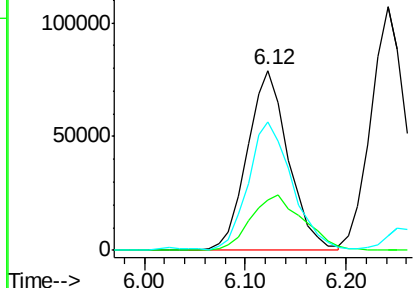
#31  
Cyclohexane  
Concen: 21.13 ug/l  
RT: 6.12 min Scan# 512  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

Tgt Ion: 56 Resp: 224920  
Ion Ratio Lower Upper  
56 100  
69 28.2 23.1 34.7  
84 71.4 60.2 90.2

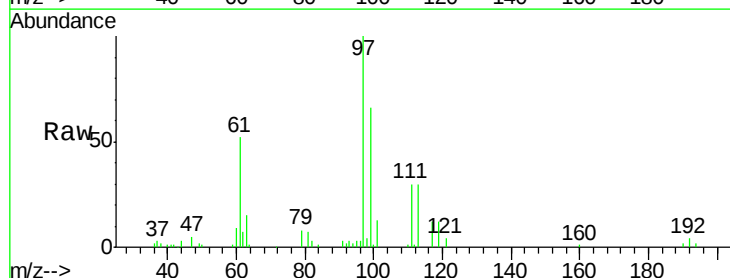


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

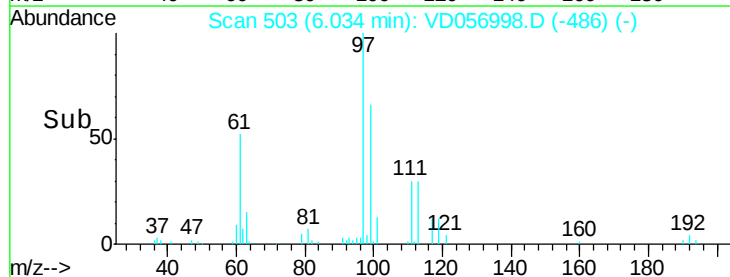
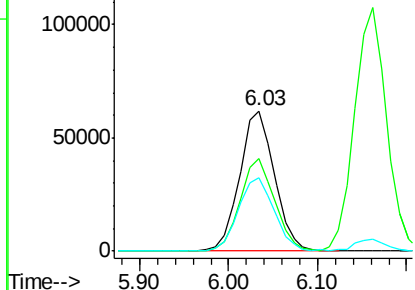


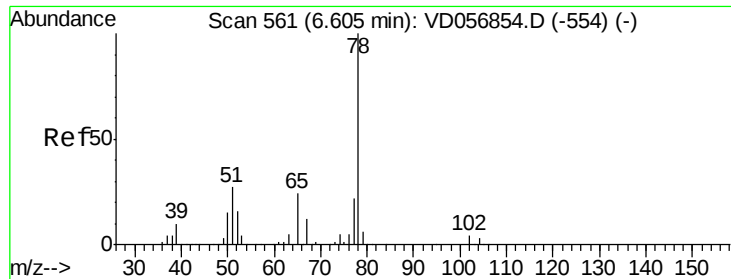
#32  
1,1,1-Trichloroethane  
Concen: 19.27 ug/l  
RT: 6.03 min Scan# 503  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 97 Resp: 166710  
Ion Ratio Lower Upper  
97 100  
99 66.4 51.2 76.8  
61 52.0 38.8 58.2



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: 19.27 ug/l

RT: 6.57 min Scan# 557

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

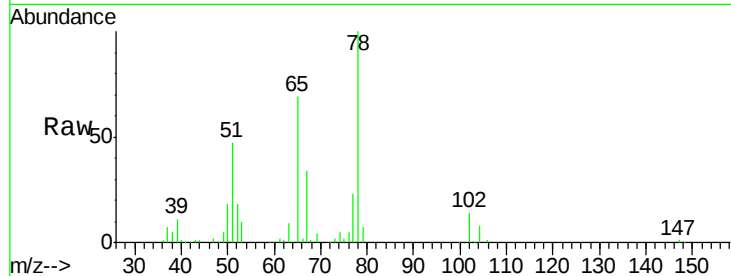
VD0328SBSD01

Tgt Ion: 65 Resp: 298805

Ion Ratio Lower Upper

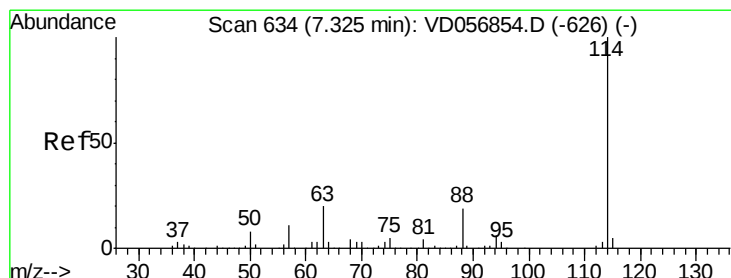
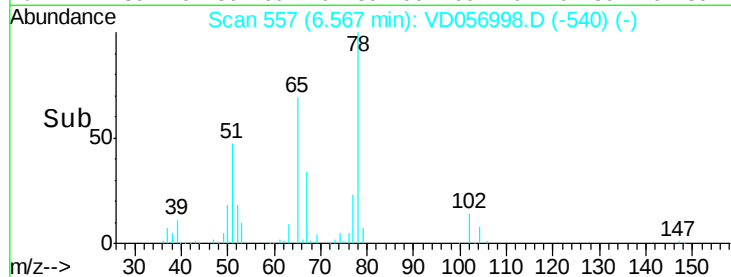
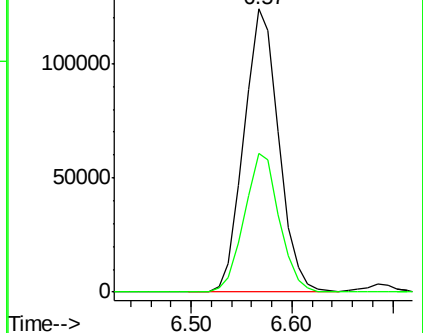
65 100

67 49.2 0.0 104.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.29 min Scan# 630

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

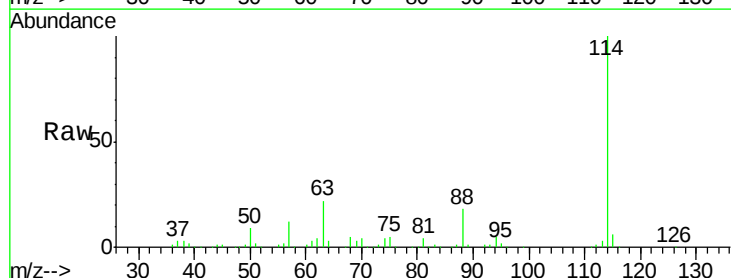
Tgt Ion: 114 Resp: 774704

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

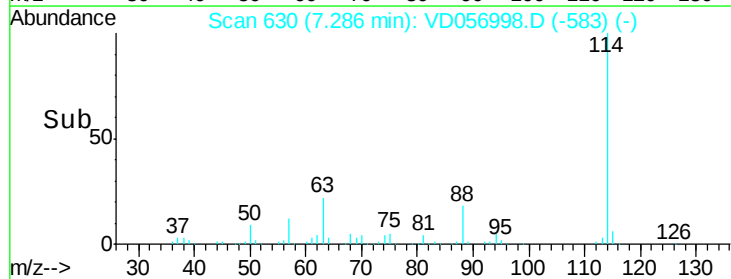
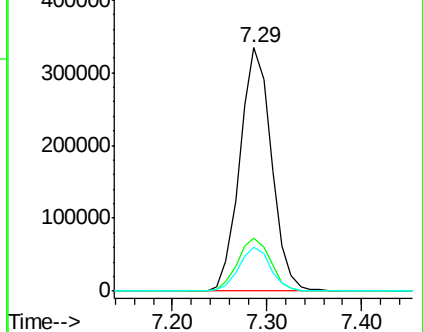
88 18.1 0.0 35.2

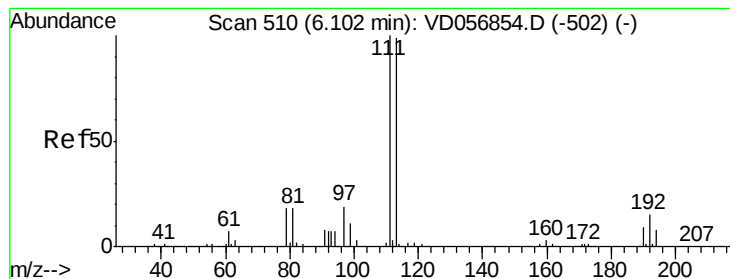


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.06 min Scan# 506

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

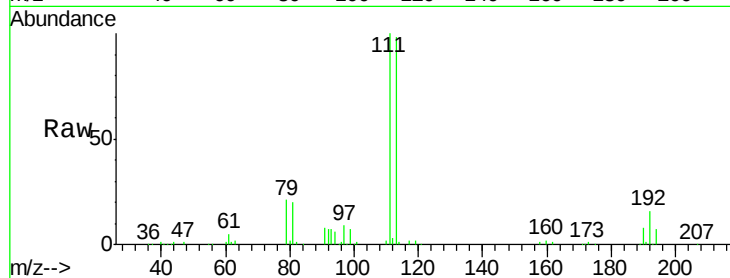
Tgt Ion:113 Resp: 319255

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

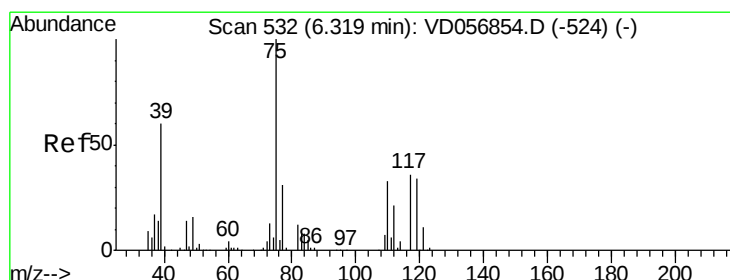
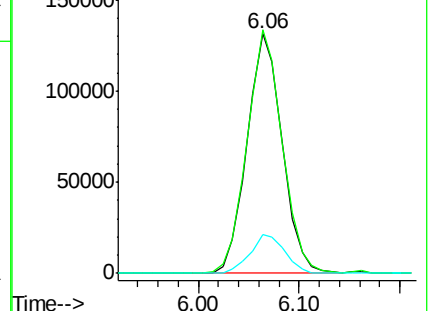
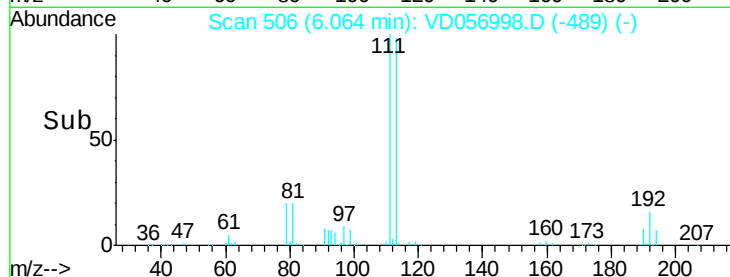
192 16.1 12.6 19.0



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: 21.19 ug/l

RT: 6.28 min Scan# 528

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

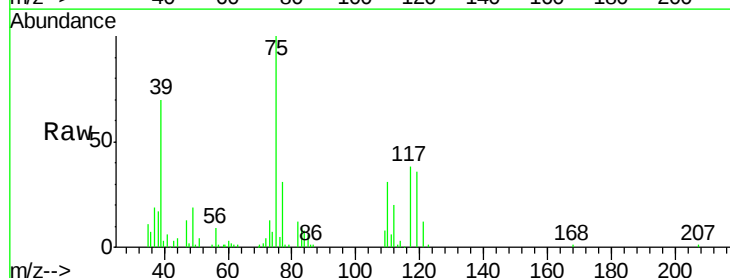
Tgt Ion: 75 Resp: 179642

Ion Ratio Lower Upper

75 100

110 31.0 15.9 47.6

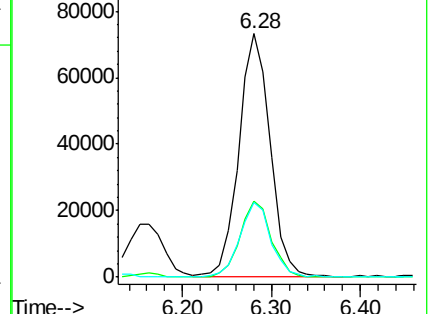
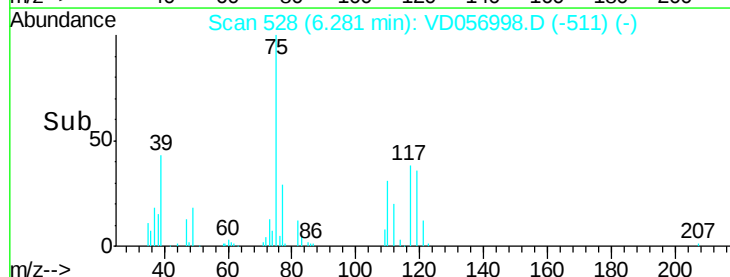
77 30.6 23.8 35.6

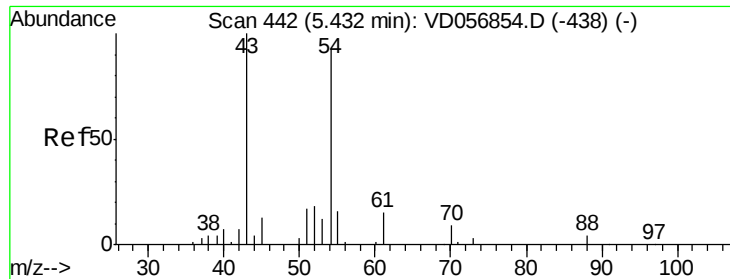


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

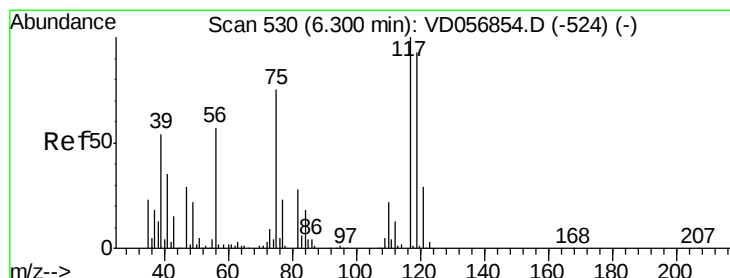
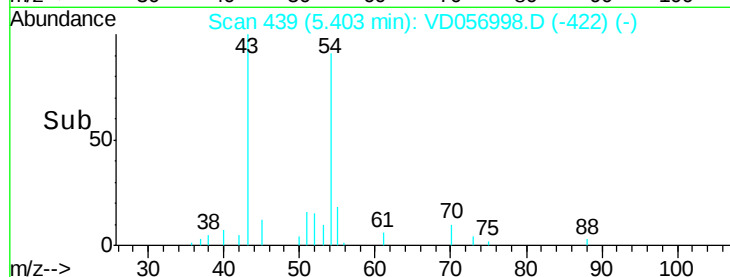
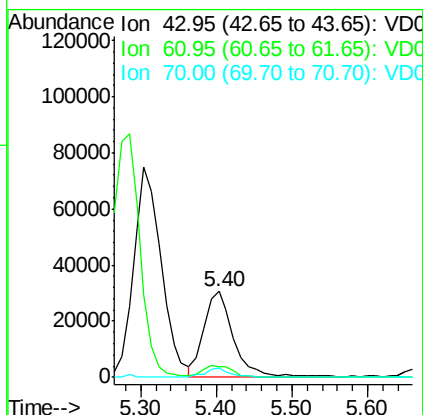
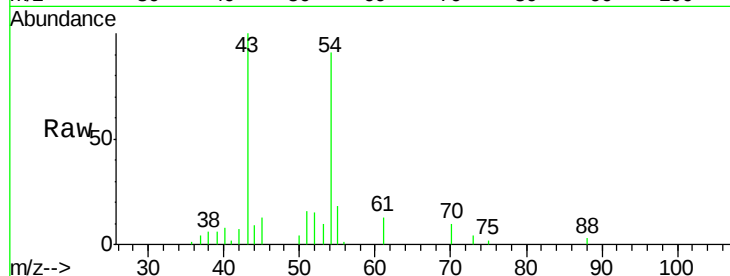




#37  
Ethyl Acetate  
Concen: 21.14 ug/l  
RT: 5.40 min Scan# 439  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

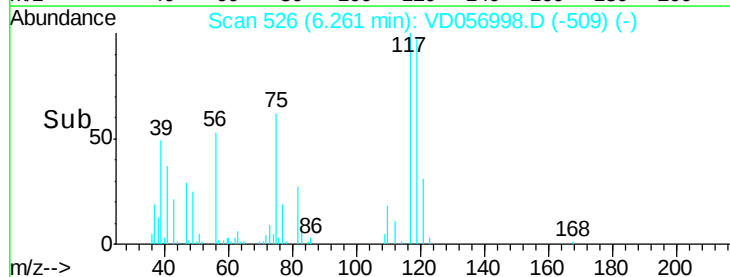
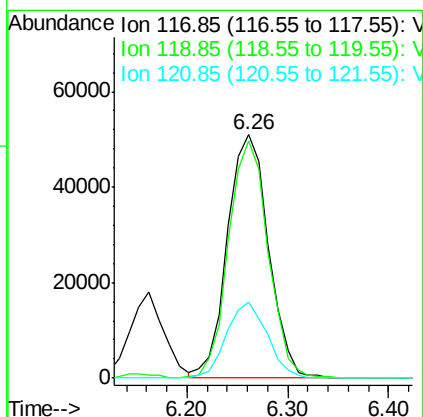
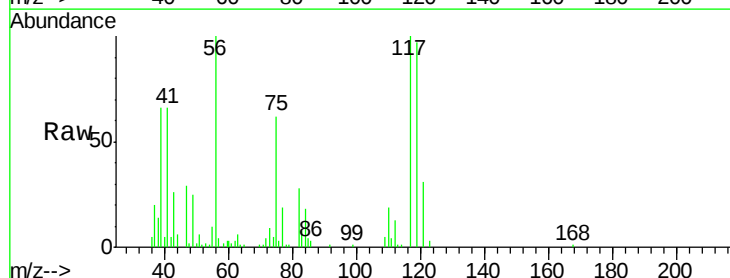
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

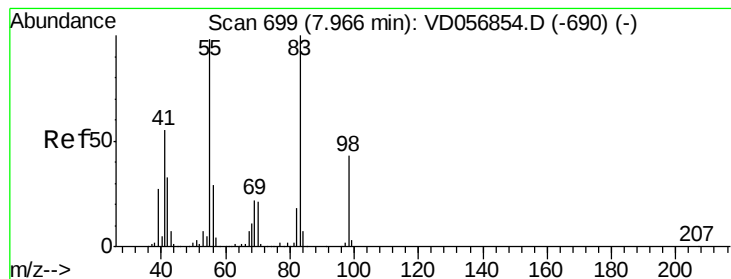
Tgt Ion: 43 Resp: 84766  
Ion Ratio Lower Upper  
43 100  
61 12.8 10.0 15.0  
70 10.4 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 19.91 ug/l  
RT: 6.26 min Scan# 526  
Delta R.T. -0.04 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 117 Resp: 144875  
Ion Ratio Lower Upper  
117 100  
119 97.2 78.2 117.2  
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 19.15 ug/l

RT: 7.94 min Scan# 696

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

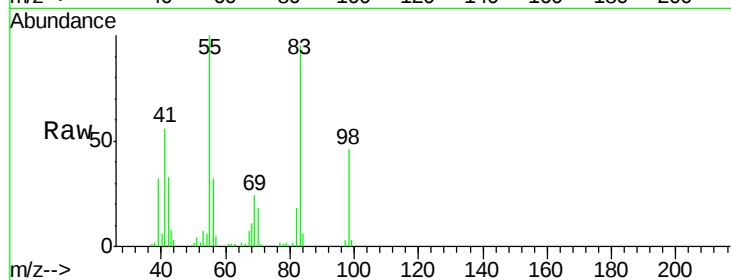
Tgt Ion: 83 Resp: 185648

Ion Ratio Lower Upper

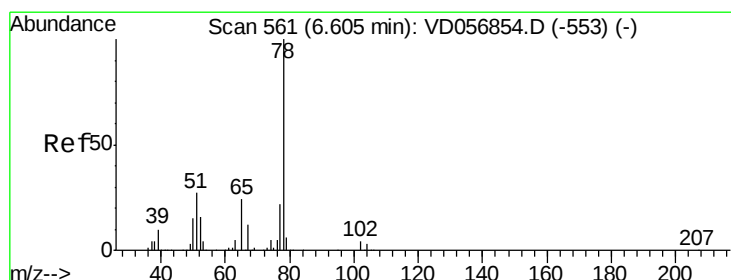
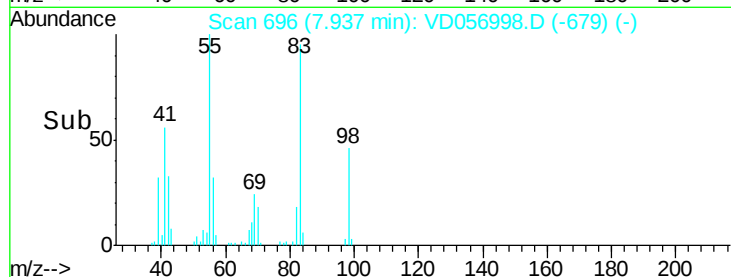
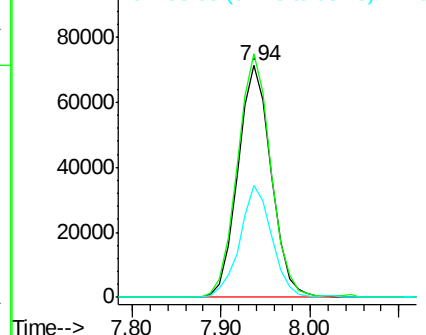
83 100

55 105.0 73.4 110.0

98 48.3 36.5 54.7



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



#40

Benzene

Concen: 21.36 ug/l

RT: 6.57 min Scan# 557

Delta R.T. -0.05 min

Lab File: VD056998.D

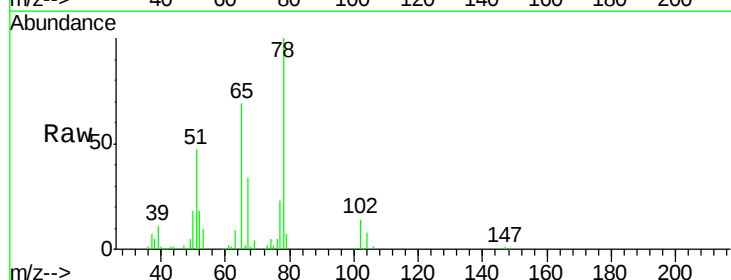
Acq: 28 Mar 2018 12:48

Tgt Ion: 78 Resp: 451910

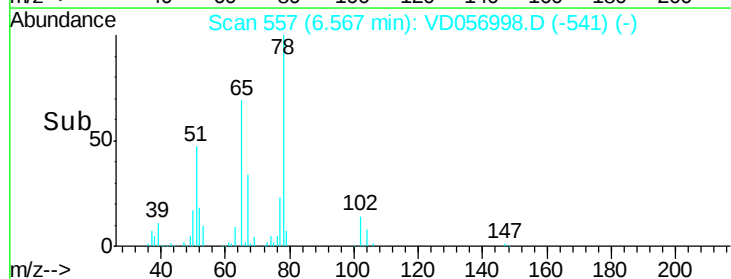
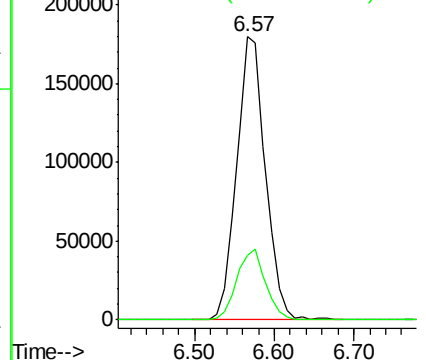
Ion Ratio Lower Upper

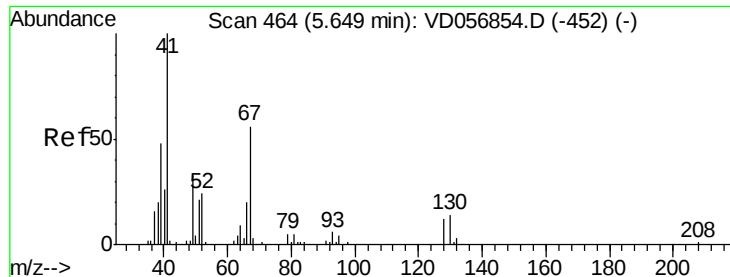
78 100

77 22.9 18.6 28.0



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





#41

Methacrylonitrile

Concen: 23.03 ug/l

RT: 5.61 min Scan# 460

Delta R.T. -0.05 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

Tgt Ion: 41 Resp: 52190

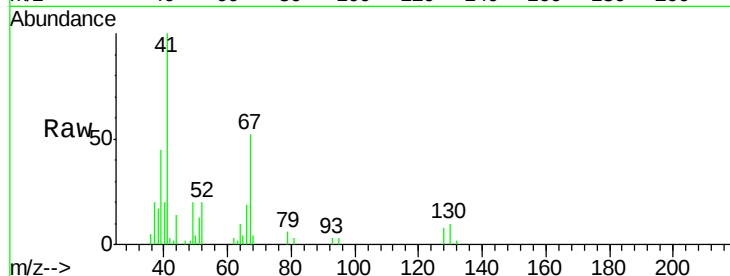
Ion Ratio Lower Upper

41 100

39 45.2 43.0 64.4

67 51.9 48.3 72.5

52 20.3 17.4 26.2

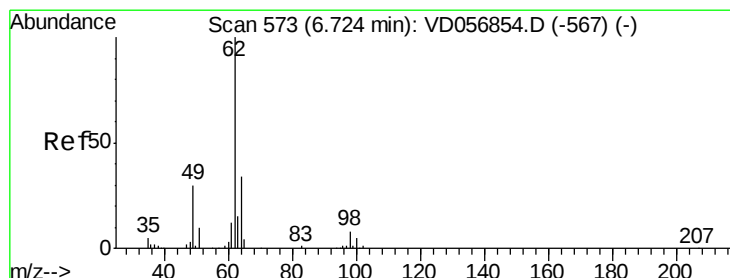
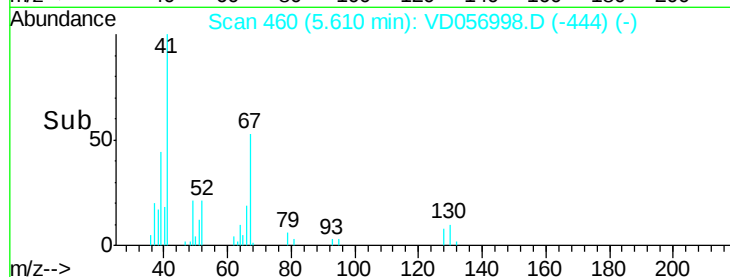
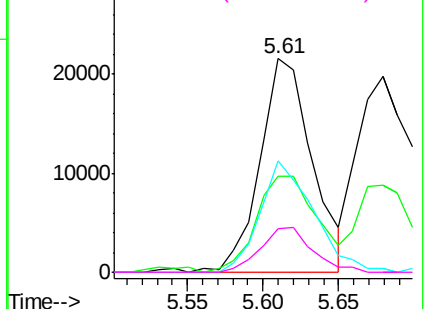


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 22.85 ug/l

RT: 6.68 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD056998.D

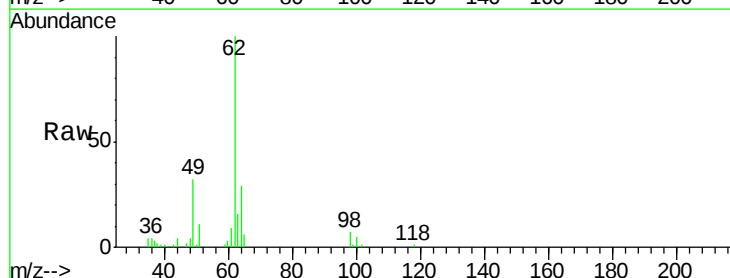
Acq: 28 Mar 2018 12:48

Tgt Ion: 62 Resp: 142351

Ion Ratio Lower Upper

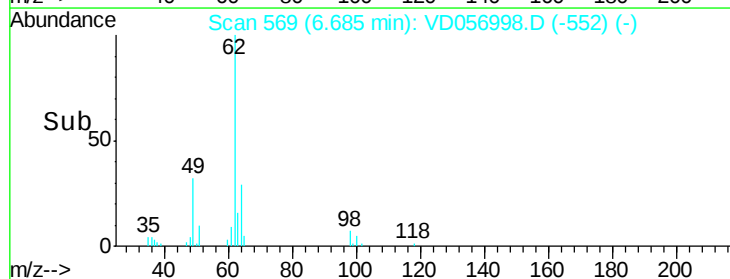
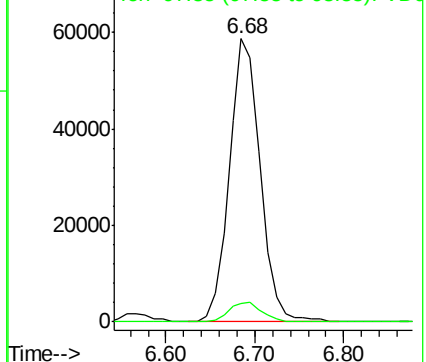
62 100

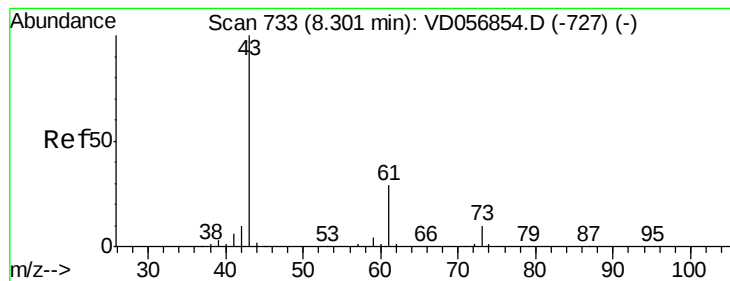
98 6.6 0.0 16.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 22.25 ug/l

RT: 8.27 min Scan# 730

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

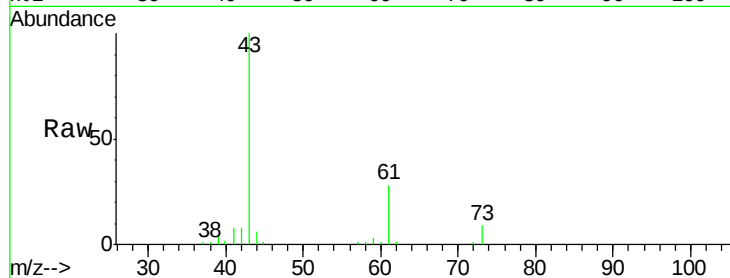
Tgt Ion: 43 Resp: 133118

Ion Ratio Lower Upper

43 100

61 28.3 23.4 35.0

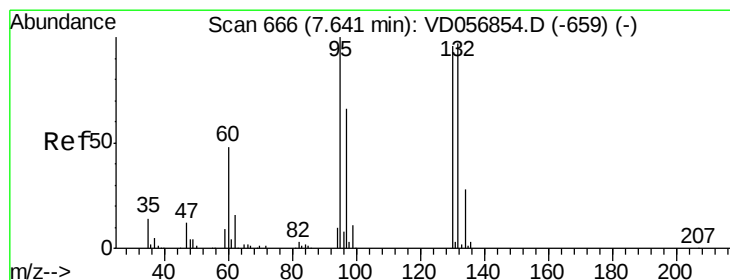
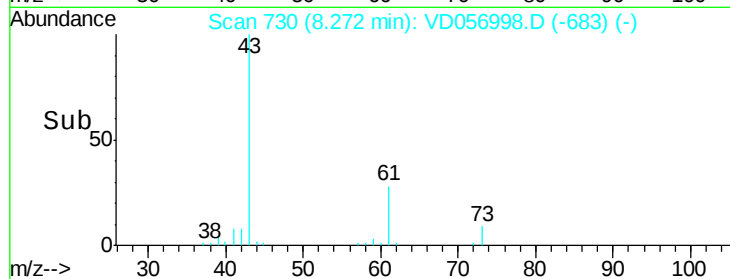
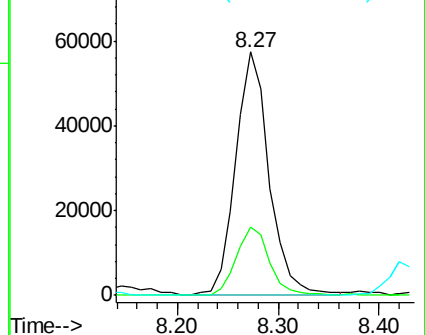
87 0.0 0.2 0.4#



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: 19.34 ug/l

RT: 7.61 min Scan# 663

Delta R.T. -0.04 min

Lab File: VD056998.D

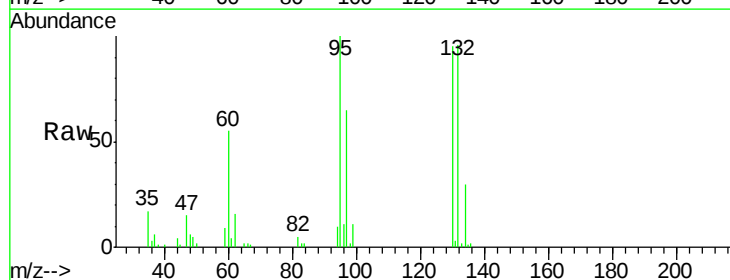
Acq: 28 Mar 2018 12:48

Tgt Ion:130 Resp: 114491

Ion Ratio Lower Upper

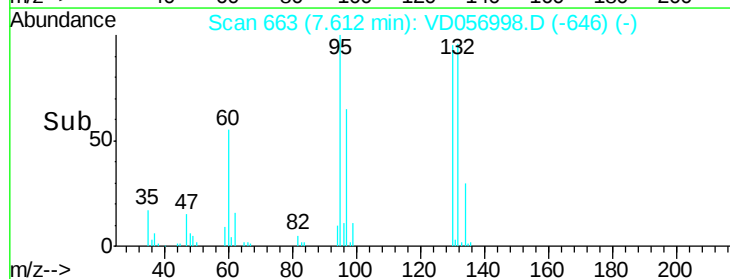
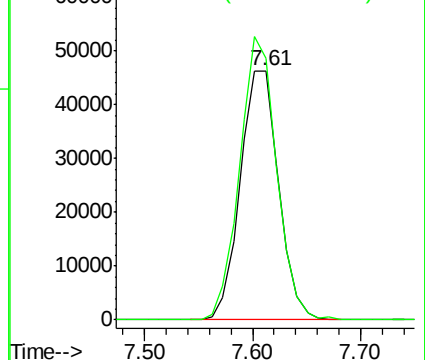
130 100

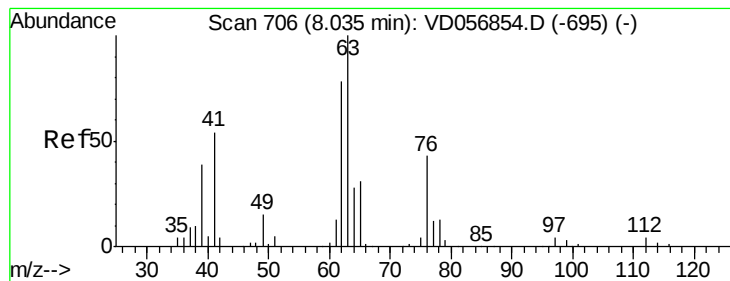
95 105.1 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.00 ug/l

RT: 8.01 min Scan# 703

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

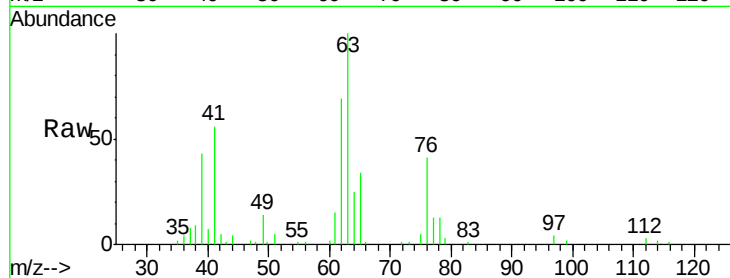
VD0328SBS01

Tgt Ion: 63 Resp: 132681

Ion Ratio Lower Upper

63 100

65 33.8 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.01

60000

50000

40000

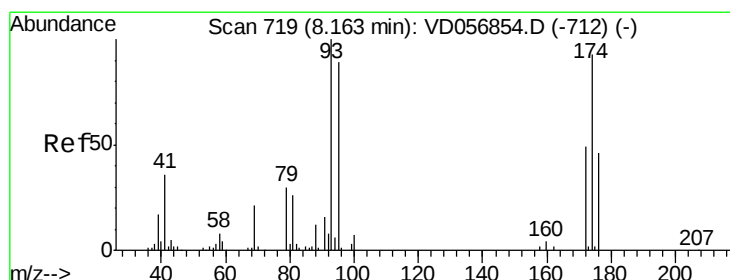
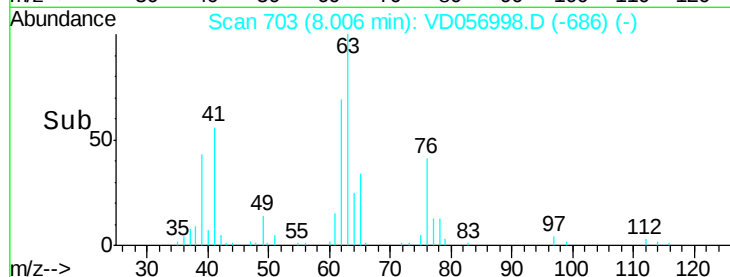
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#46

Dibromomethane

Concen: 20.94 ug/l

RT: 8.12 min Scan# 715

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

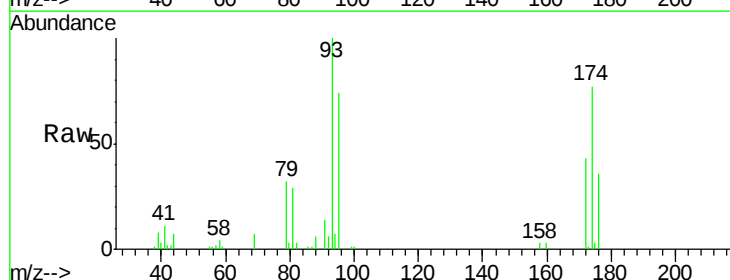
Tgt Ion: 93 Resp: 66276

Ion Ratio Lower Upper

93 100

95 73.7 65.0 97.6

174 76.5 71.8 107.8



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

8.12

40000

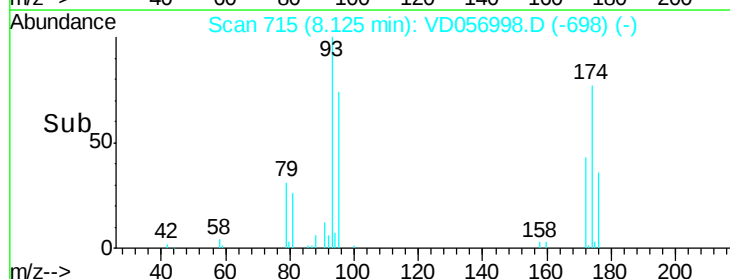
30000

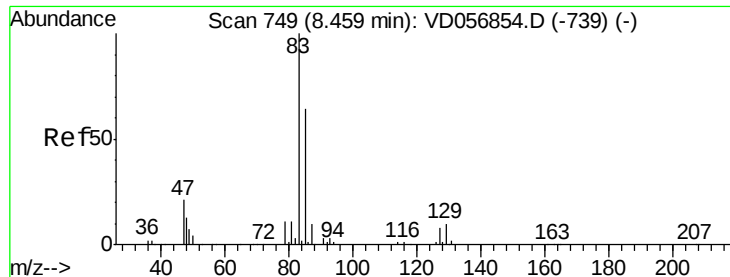
20000

10000

0

Time--> 8.05 8.10 8.15 8.20





#47

Bromodichloromethane

Concen: 19.44 ug/l

RT: 8.42 min Scan# 745

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

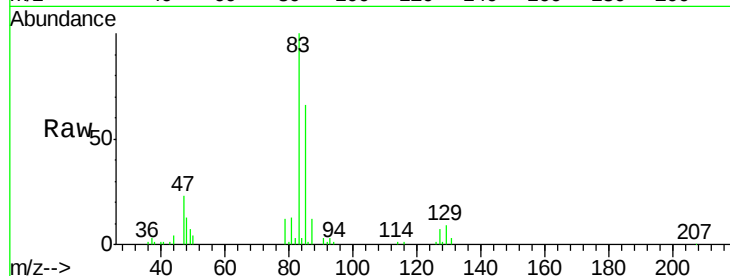
Tgt Ion: 83 Resp: 158997

Ion Ratio Lower Upper

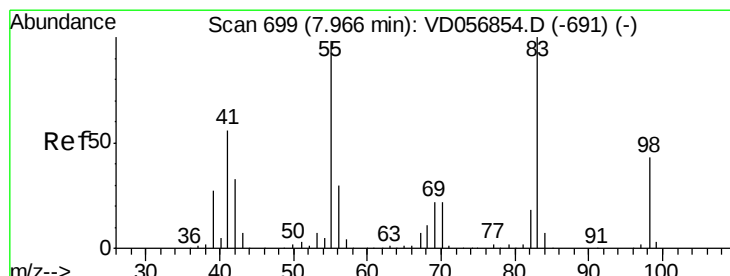
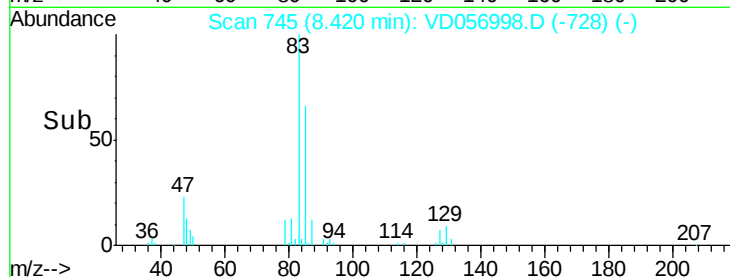
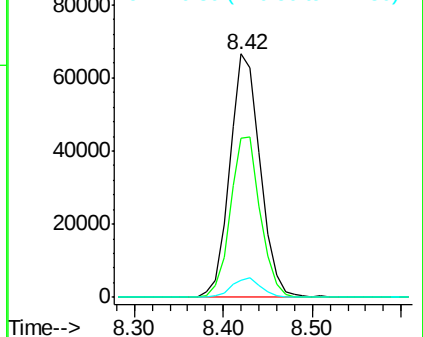
83 100

85 65.6 50.2 75.4

127 7.1 6.4 9.6



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 21.74 ug/l

RT: 7.94 min Scan# 696

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

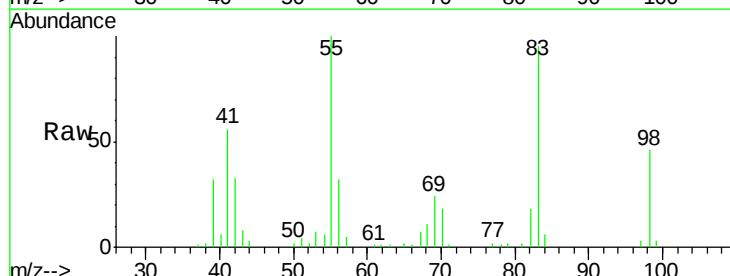
Tgt Ion: 41 Resp: 114961

Ion Ratio Lower Upper

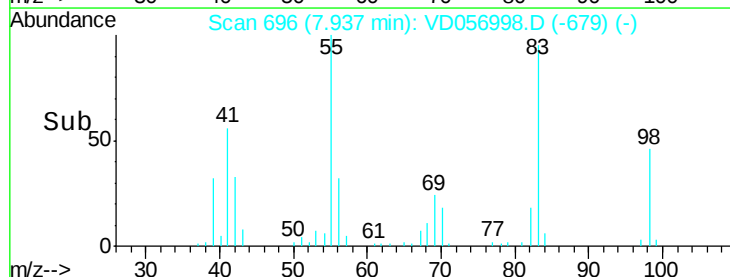
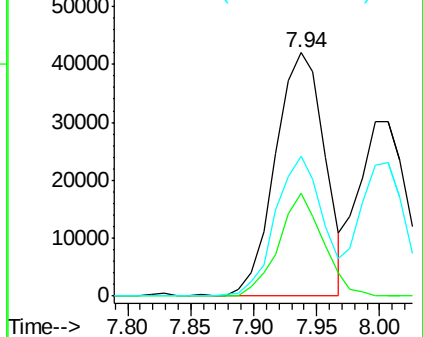
41 100

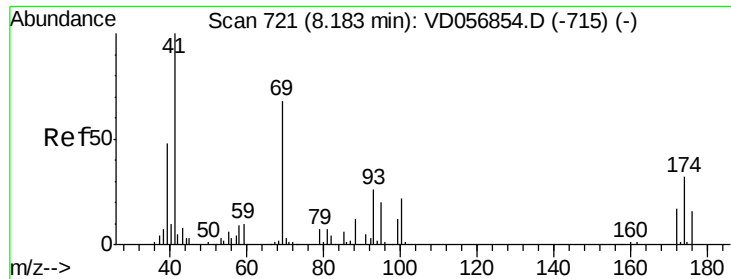
69 42.1 34.8 52.2

39 57.6 43.3 64.9



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 392.72 ug/l

RT: 8.14 min Scan# 717

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

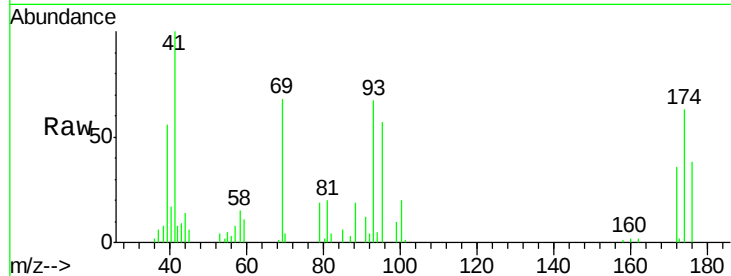
Tgt Ion: 88 Resp: 10875

Ion Ratio Lower Upper

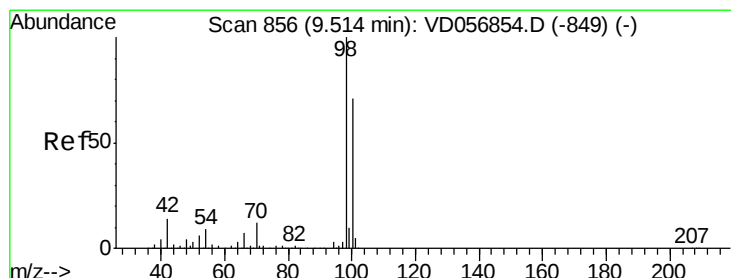
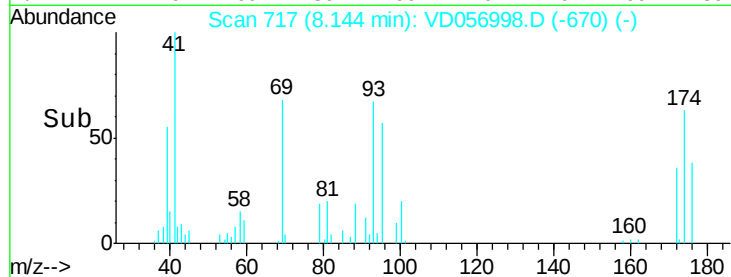
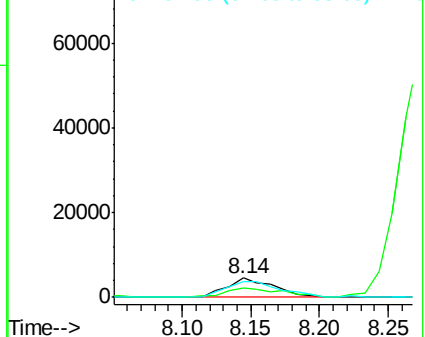
88 100

43 50.0 46.2 69.4

58 79.1 65.8 98.8



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: 392.72 ug/l

RT: 9.48 min Scan# 852

Delta R.T. -0.04 min

Lab File: VD056998.D

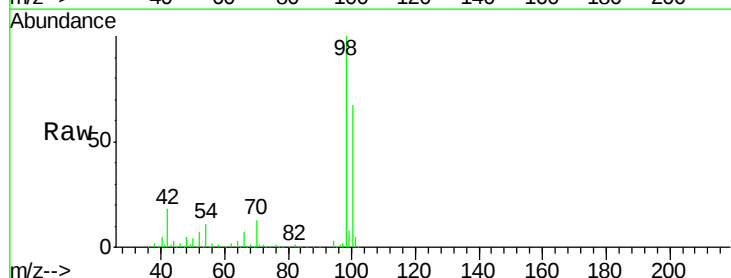
Acq: 28 Mar 2018 12:48

Tgt Ion: 98 Resp: 890592

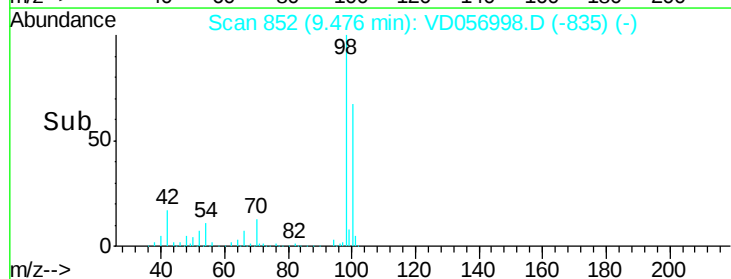
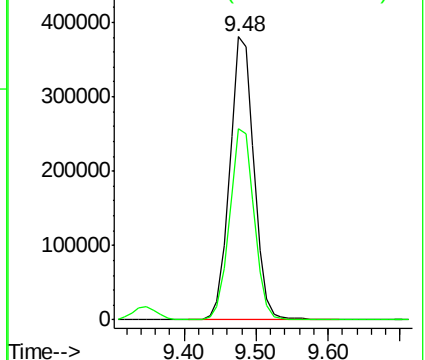
Ion Ratio Lower Upper

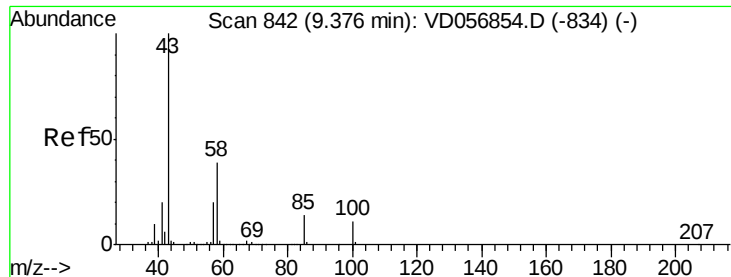
98 100

100 67.4 56.2 84.4



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

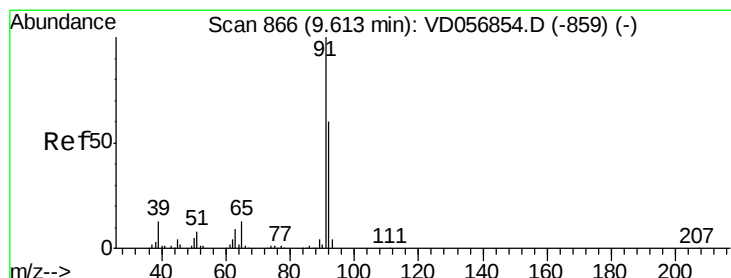
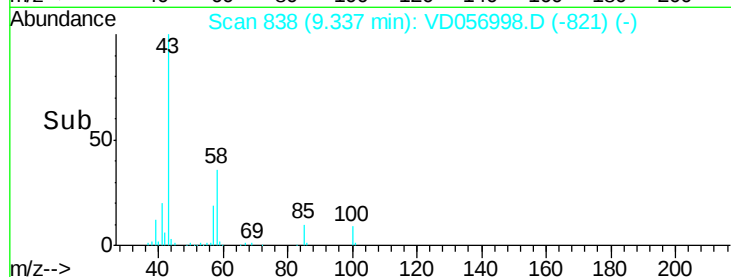
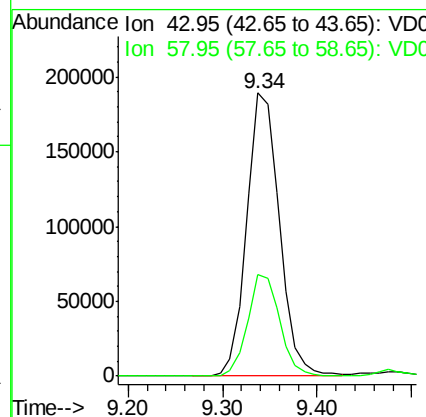
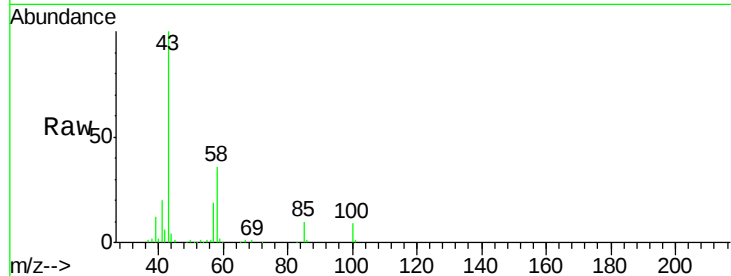




#51  
 4-Methyl-2-Pentanone  
 Concen: 113.05 ug/l  
 RT: 9.34 min Scan# 838  
 Delta R.T. -0.04 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

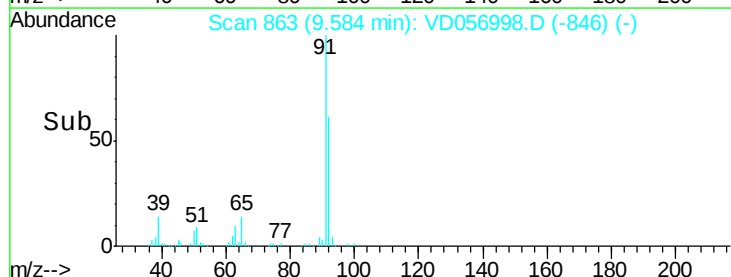
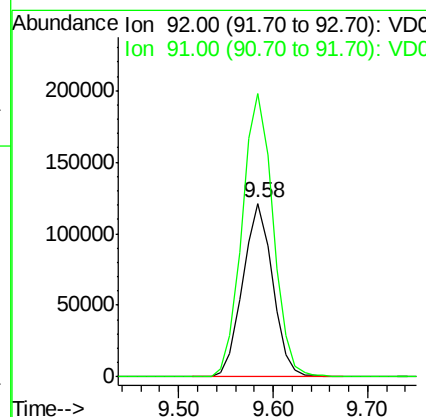
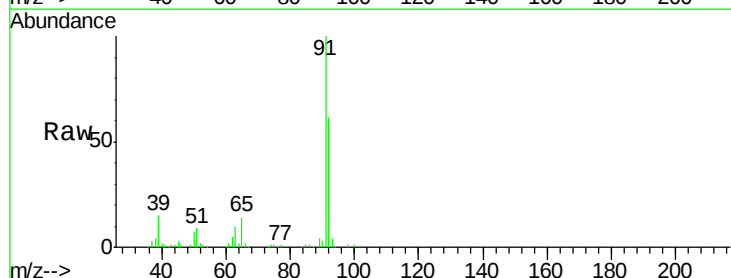
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

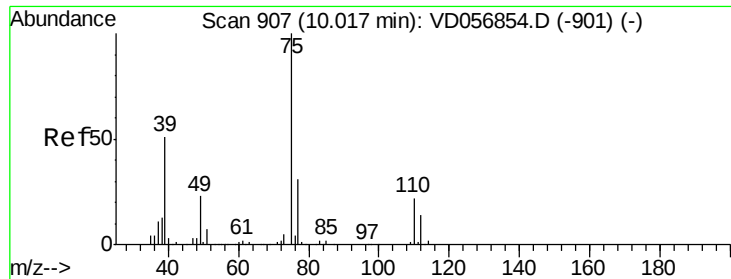
Tgt Ion: 43 Resp: 454473  
 Ion Ratio Lower Upper  
 43 100  
 58 36.1 29.4 44.2



#52  
 Toluene  
 Concen: 19.67 ug/l  
 RT: 9.58 min Scan# 863  
 Delta R.T. -0.04 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion: 92 Resp: 268069  
 Ion Ratio Lower Upper  
 92 100  
 91 163.1 133.5 200.3

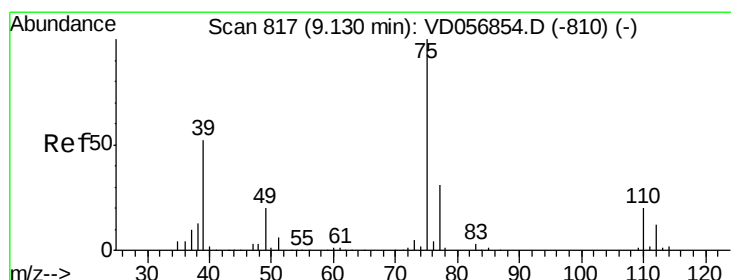
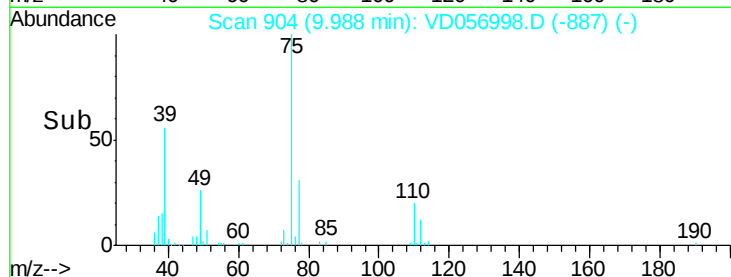
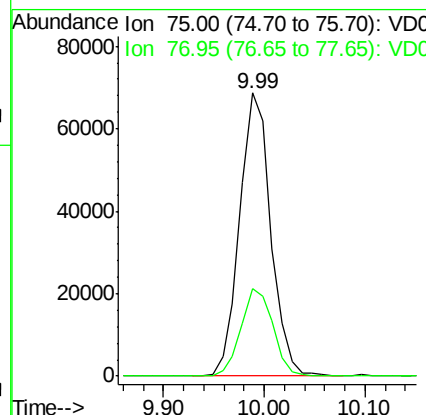
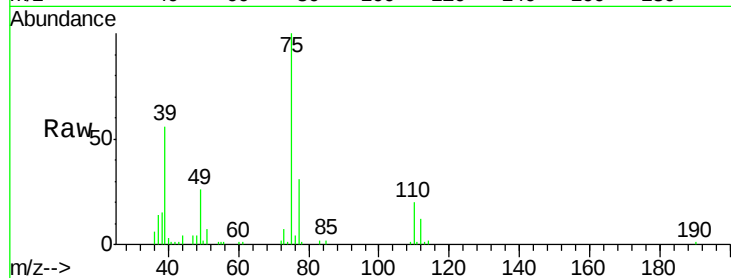




#53  
 t-1,3-Dichloropropene  
 Concen: 18.34 ug/l  
 RT: 9.99 min Scan# 904  
 Delta R.T. -0.04 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

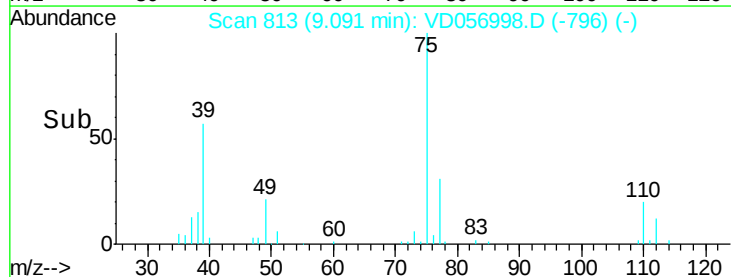
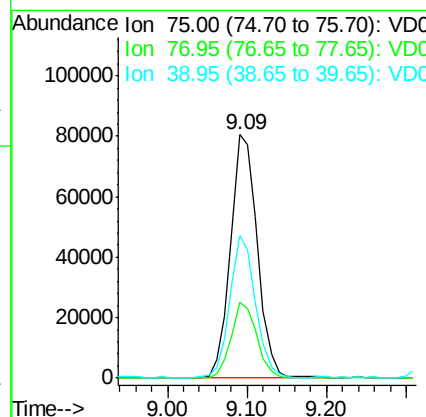
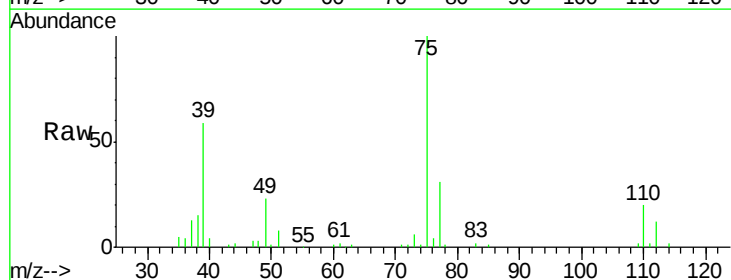
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

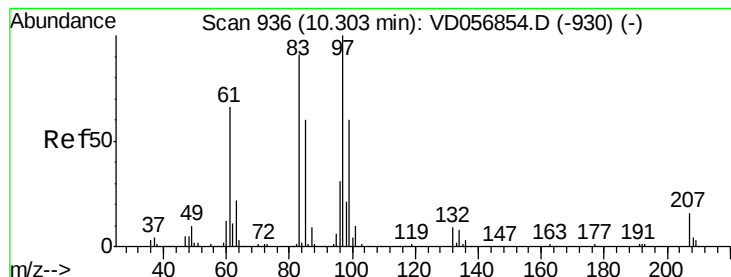
Tgt Ion: 75 Resp: 147800  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.50 ug/l  
 RT: 9.09 min Scan# 813  
 Delta R.T. -0.04 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion: 75 Resp: 190805  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.6  
 39 58.7 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 19.62 ug/l

RT: 10.27 min Scan# 933

Delta R.T. -0.04 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

Tgt Ion: 97 Resp: 81267

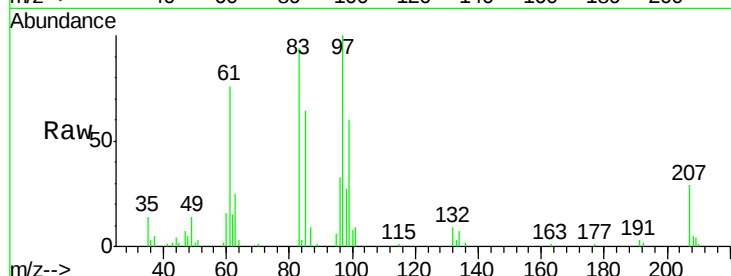
Ion Ratio Lower Upper

97 100

83 93.6 74.2 111.4

85 64.0 48.5 72.7

99 60.5 51.4 77.0

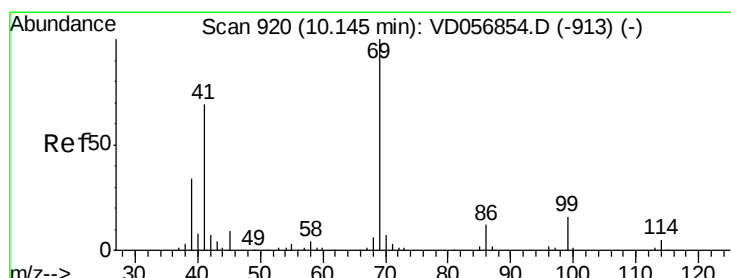
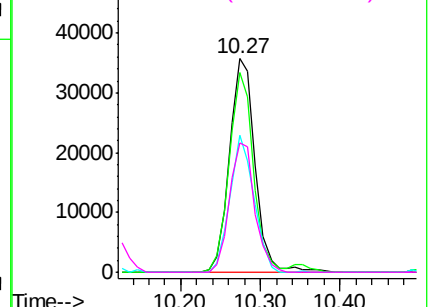
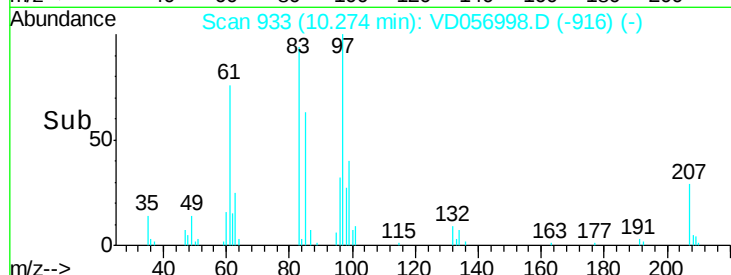


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 18.62 ug/l

RT: 10.12 min Scan# 917

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

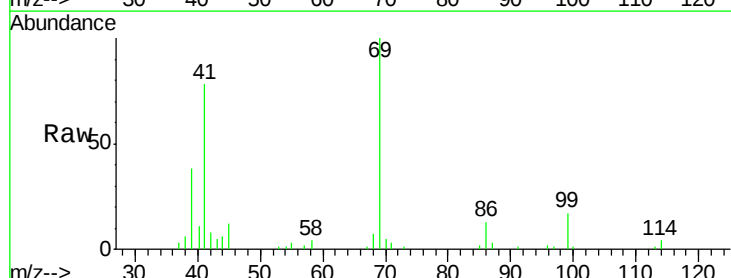
Tgt Ion: 69 Resp: 105581

Ion Ratio Lower Upper

69 100

41 78.0 59.7 89.5

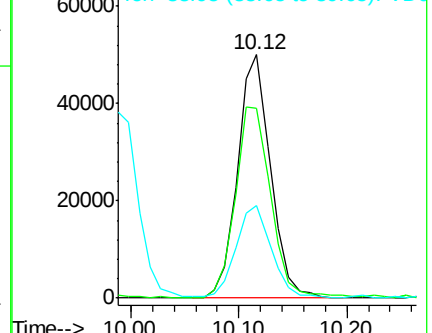
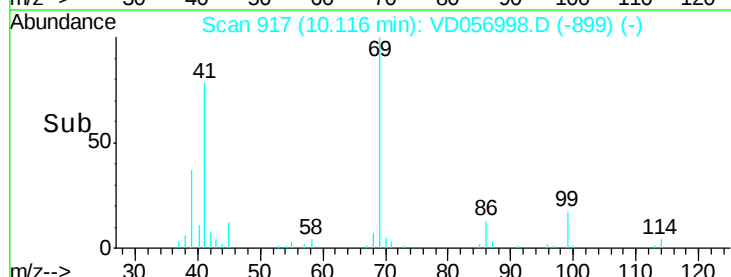
39 37.8 29.0 43.6

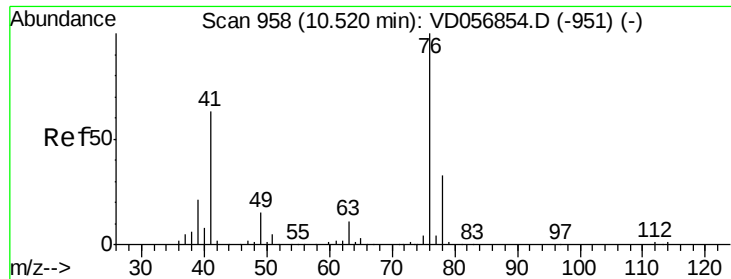


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 20.25 ug/l

RT: 10.49 min Scan# 955

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

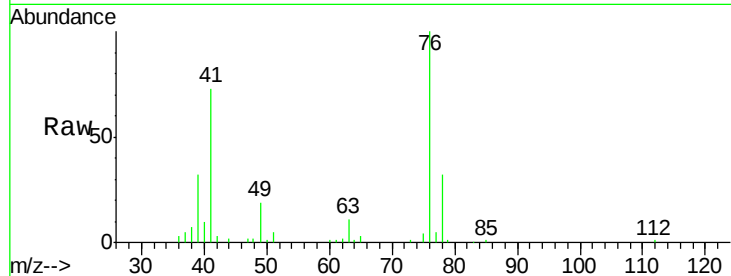
VD0328SBSD01

Tgt Ion: 76 Resp: 155346

Ion Ratio Lower Upper

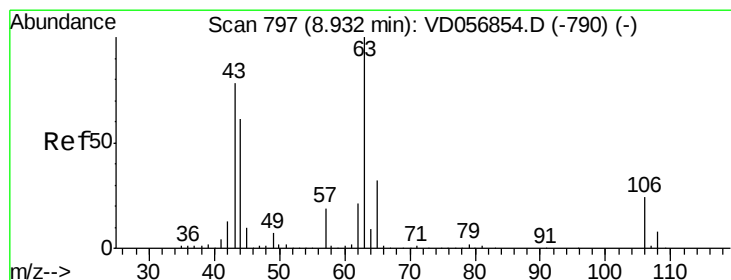
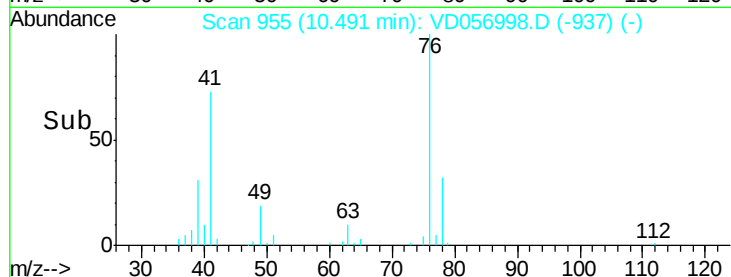
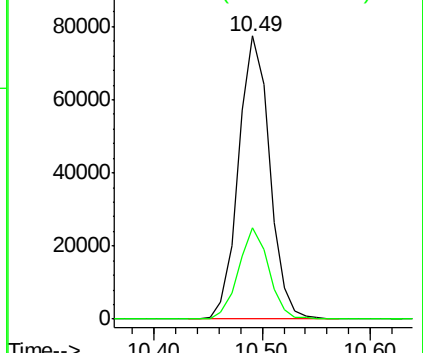
76 100

78 32.5 26.2 39.2



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: 93.60 ug/l

RT: 8.89 min Scan# 793

Delta R.T. -0.04 min

Lab File: VD056998.D

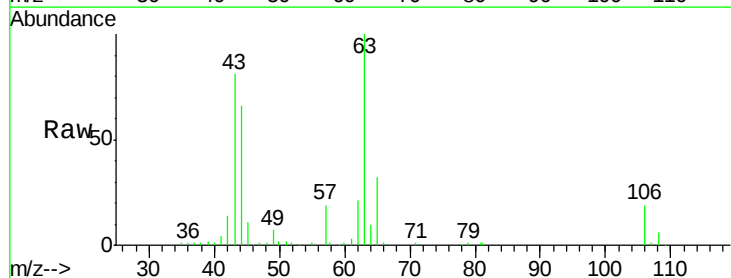
Acq: 28 Mar 2018 12:48

Tgt Ion: 63 Resp: 291294

Ion Ratio Lower Upper

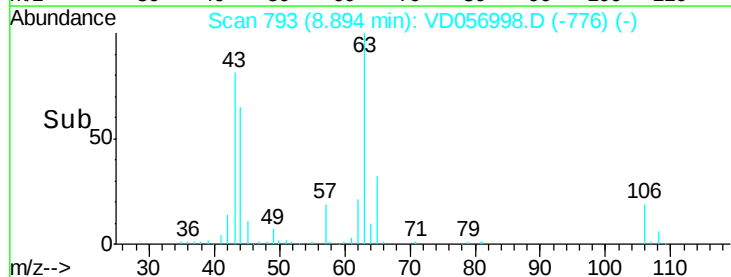
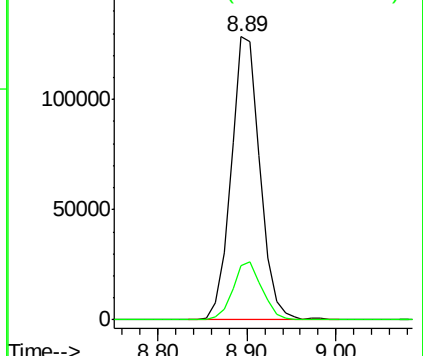
63 100

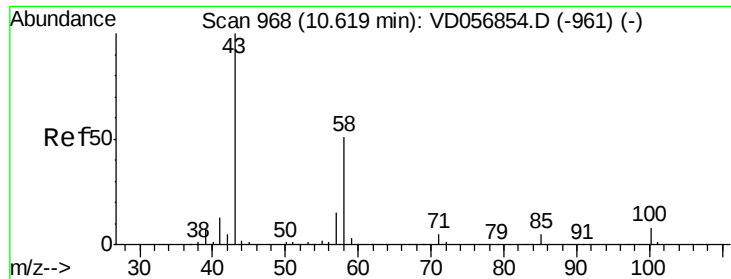
106 19.4 18.9 28.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

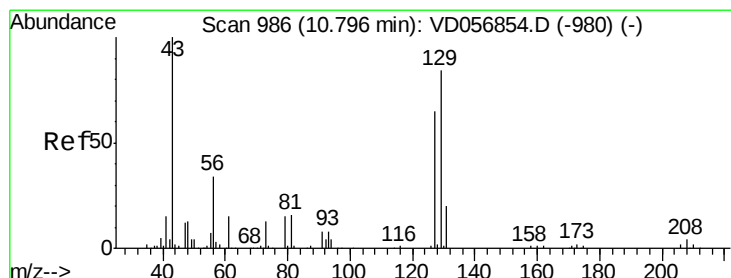
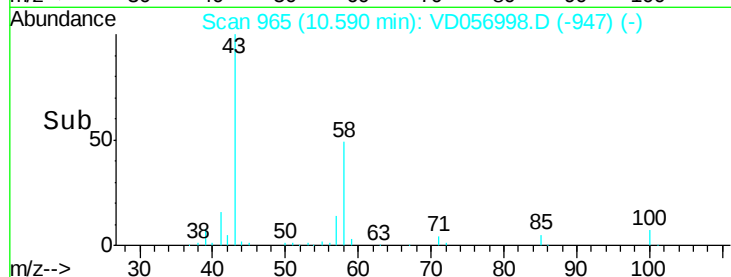
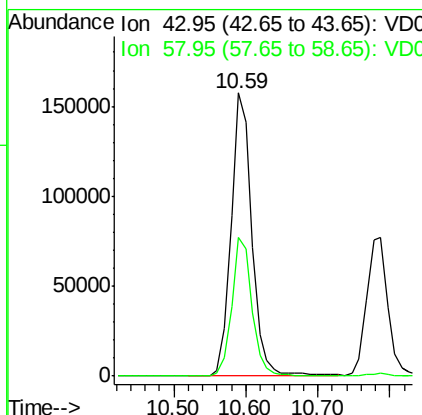
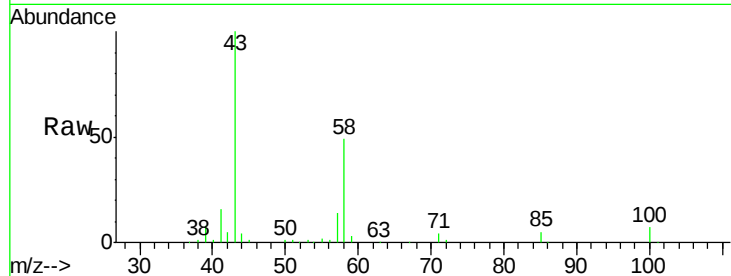




#59  
2-Hexanone  
Concen: 102.32 ug/l  
RT: 10.59 min Scan# 965  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

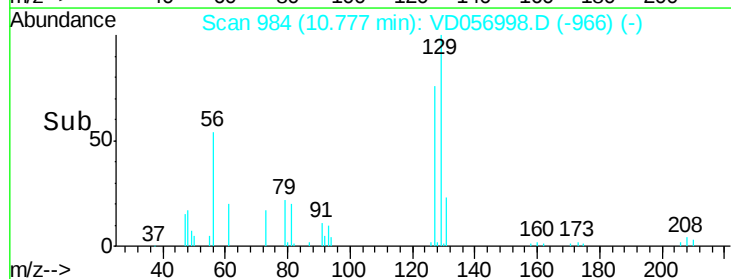
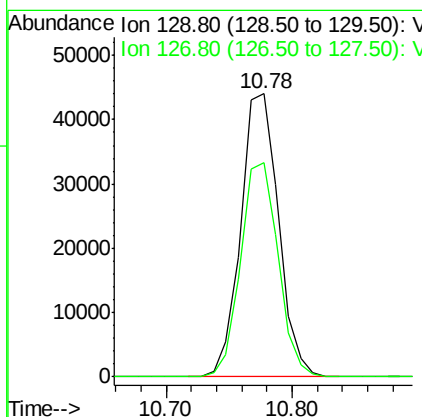
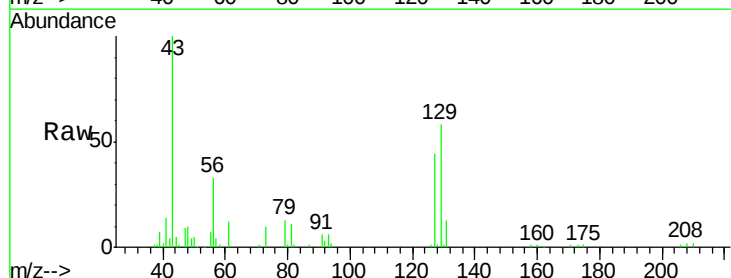
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

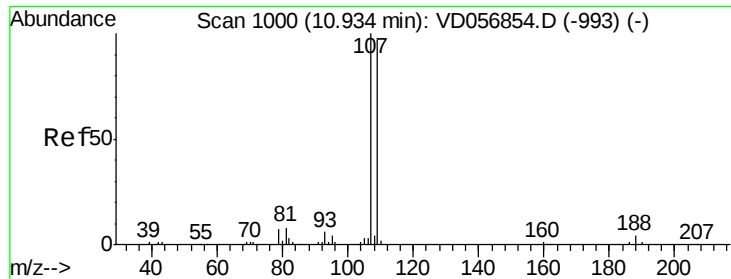
Tgt Ion: 43 Resp: 318195  
Ion Ratio Lower Upper  
43 100  
58 48.9 25.1 75.4



#60  
Dibromochloromethane  
Concen: 17.29 ug/l  
RT: 10.78 min Scan# 984  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 129 Resp: 91675  
Ion Ratio Lower Upper  
129 100  
127 75.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.88 ug/l

RT: 10.91 min Scan# 997

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

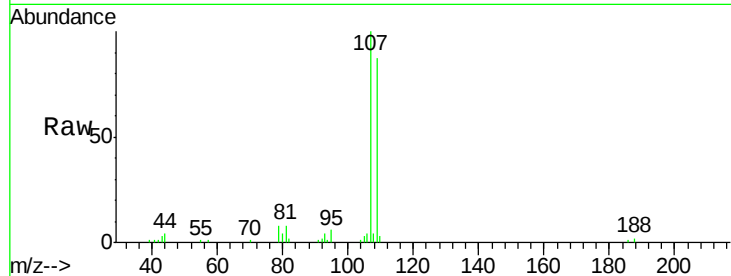
VD0328SBSD01

Tgt Ion: 107 Resp: 83239

Ion Ratio Lower Upper

107 100

109 87.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.91

40000

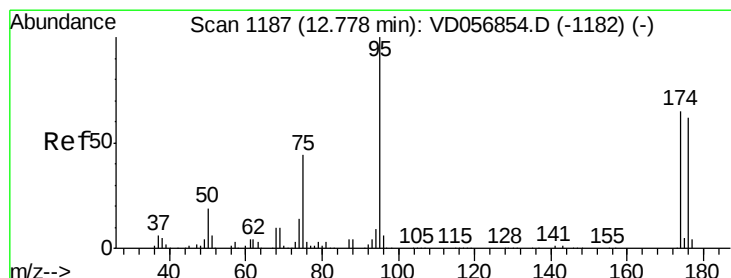
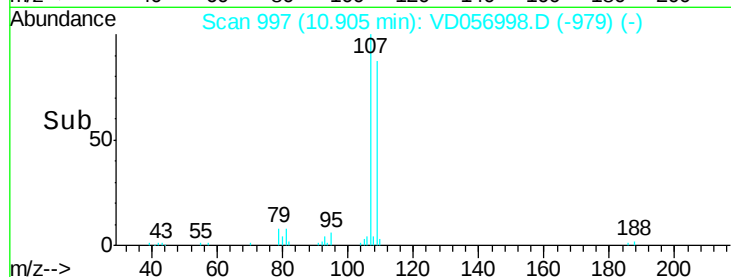
30000

20000

10000

0

Time--> 10.80 10.90 11.00



#62

4-Bromofluorobenzene

Concen: 18.88 ug/l

RT: 12.76 min Scan# 1185

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

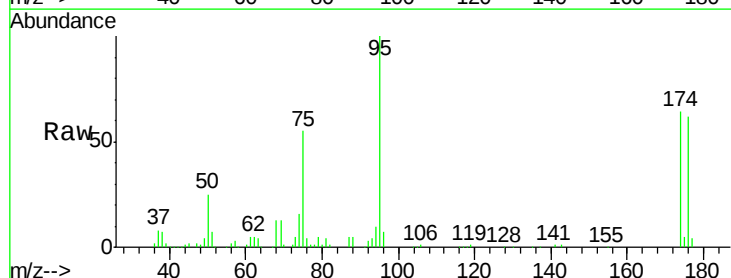
Tgt Ion: 95 Resp: 325983

Ion Ratio Lower Upper

95 100

174 63.8 0.0 143.6

176 61.6 0.0 141.2



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

250000

200000

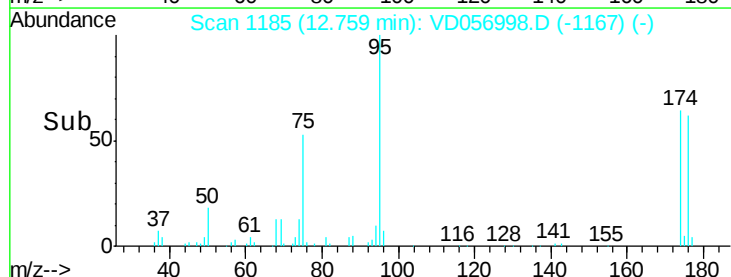
150000

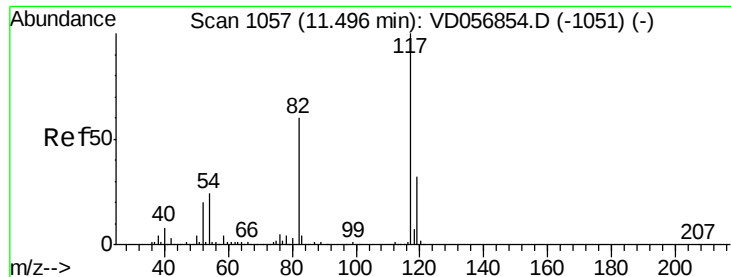
100000

50000

0

Time--> 12.70 12.80 12.90

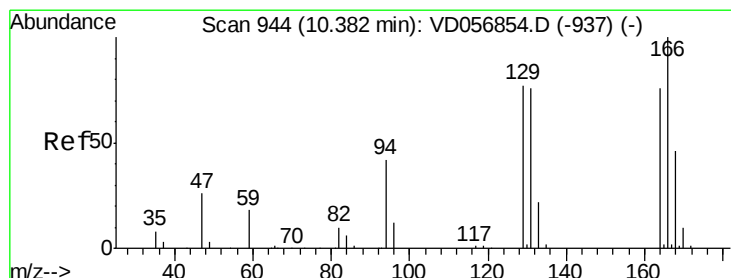
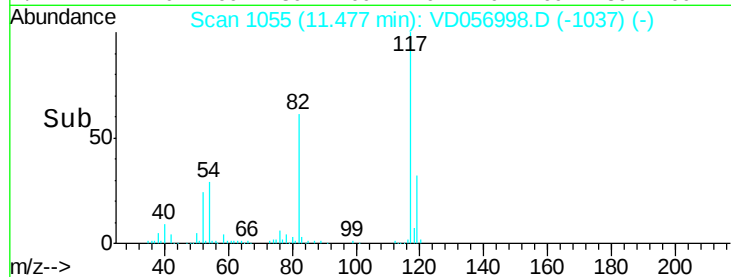
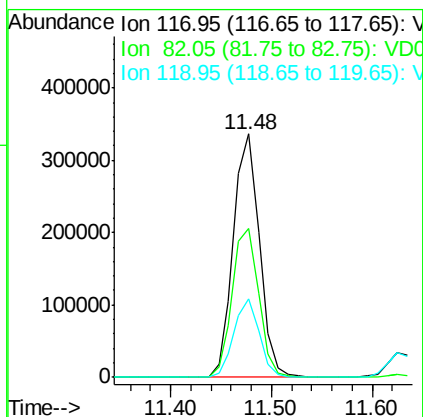
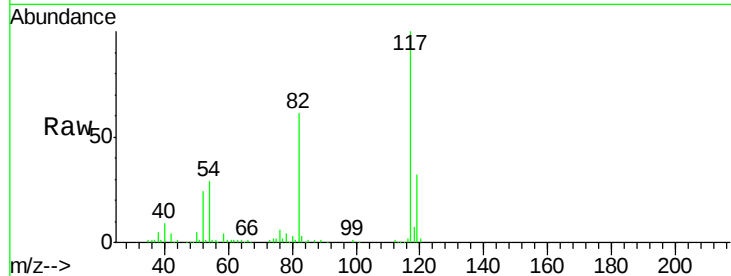




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.48 min Scan# 1055  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

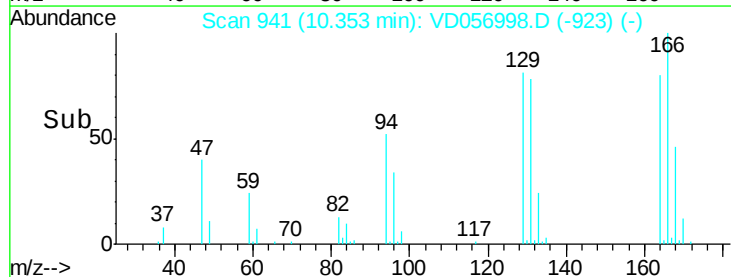
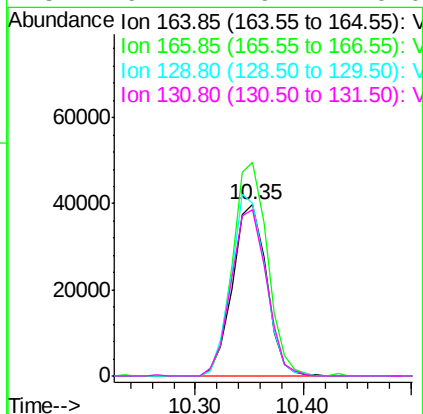
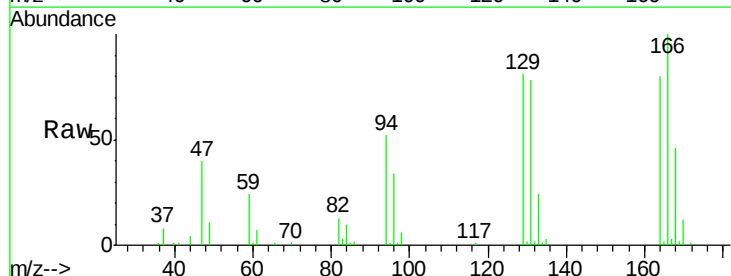
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

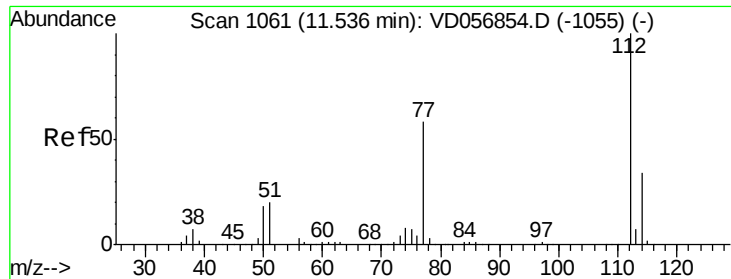
Tgt Ion:117 Resp: 607296  
Ion Ratio Lower Upper  
117 100  
82 61.3 46.2 69.4  
119 32.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 22.44 ug/l  
RT: 10.35 min Scan# 941  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion:164 Resp: 87480  
Ion Ratio Lower Upper  
164 100  
166 124.8 105.1 157.7  
129 101.3 82.4 123.6  
131 97.2 79.4 119.0

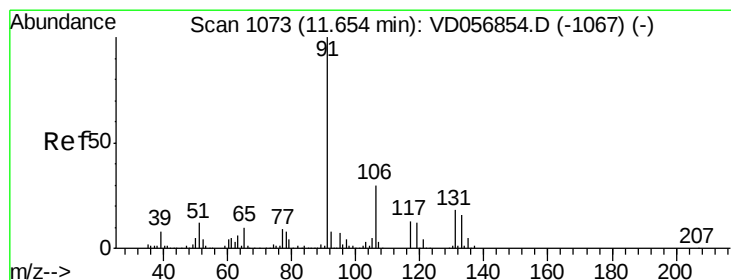
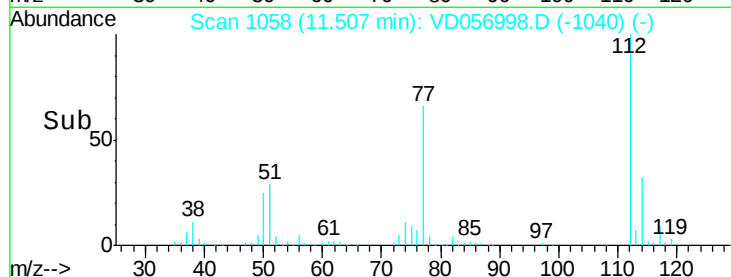
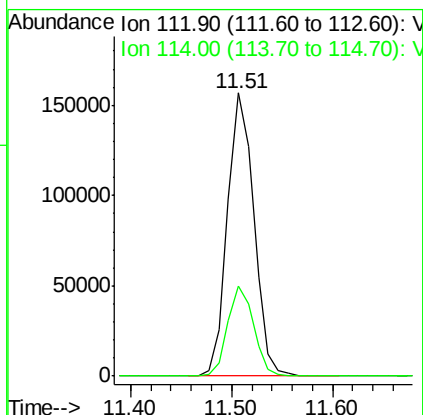
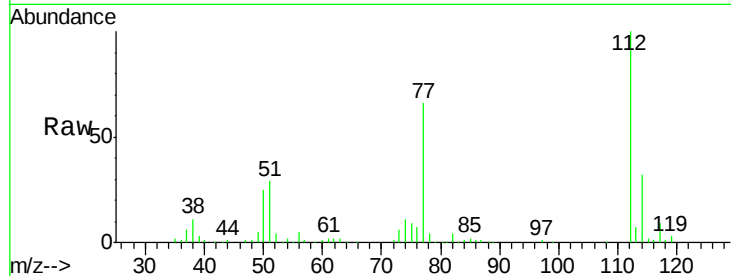




#65  
Chlorobenzene  
Concen: 21.21 ug/l  
RT: 11.51 min Scan# 1058  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

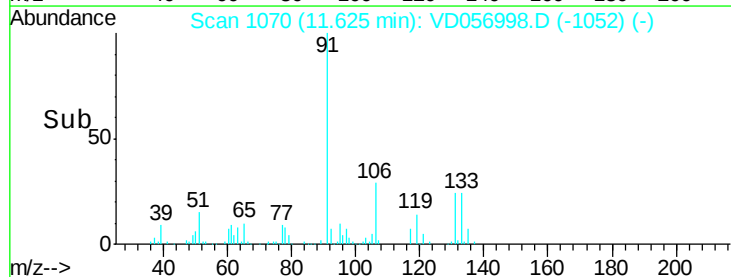
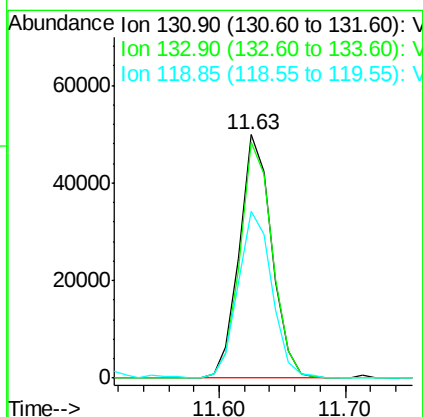
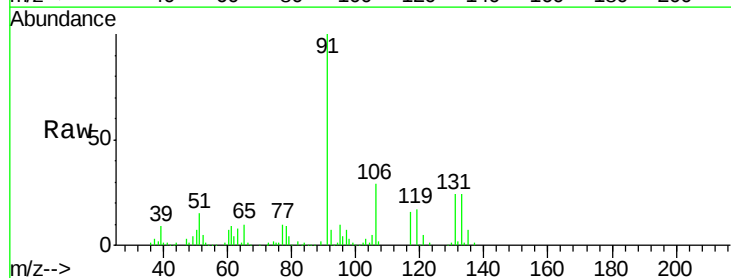
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

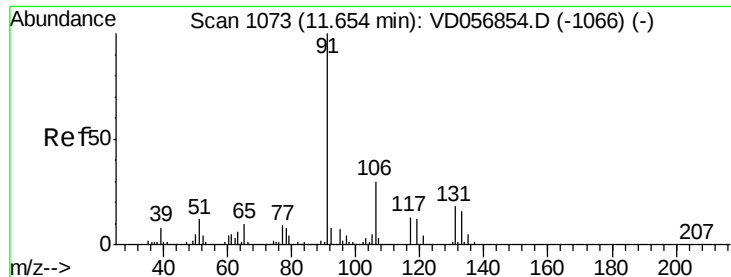
Tgt Ion:112 Resp: 286108  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.57 ug/l  
RT: 11.63 min Scan# 1070  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion:131 Resp: 89204  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.4 142.2  
119 68.8 35.4 106.1





#67

Ethyl Benzene

Concen: 21.59 ug/l

RT: 11.64 min Scan# 1071

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

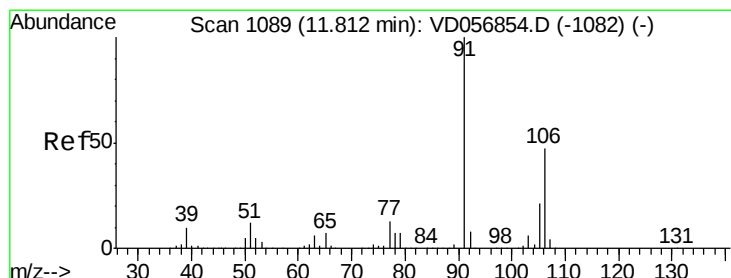
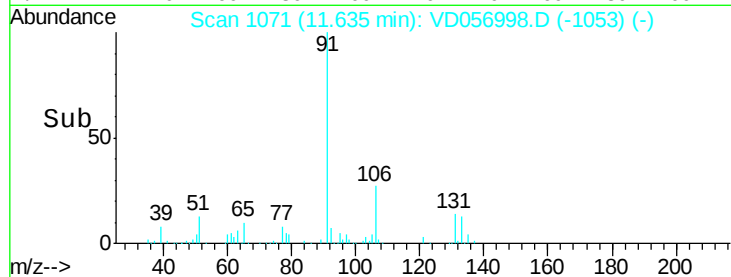
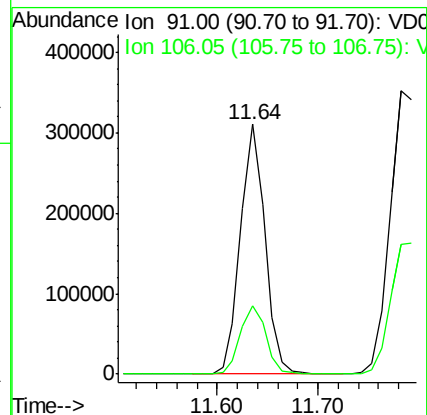
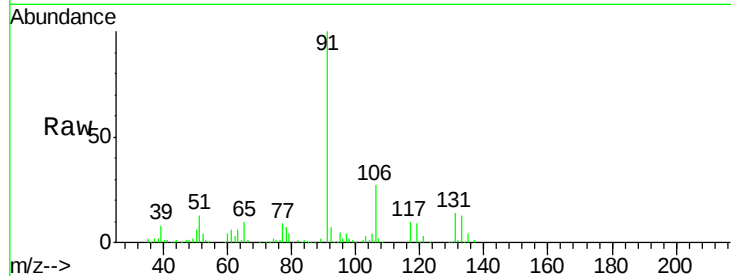
VD0328SBSD01

Tgt Ion: 91 Resp: 527644

Ion Ratio Lower Upper

91 100

106 27.4 23.6 35.4



#68

m/p-Xylenes

Concen: 42.23 ug/l

RT: 11.79 min Scan# 1087

Delta R.T. -0.03 min

Lab File: VD056998.D

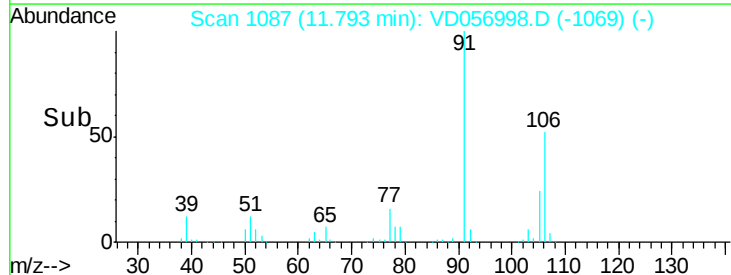
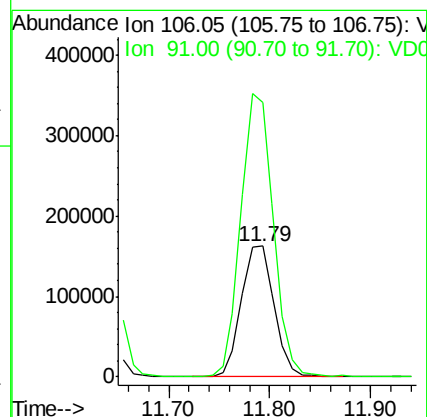
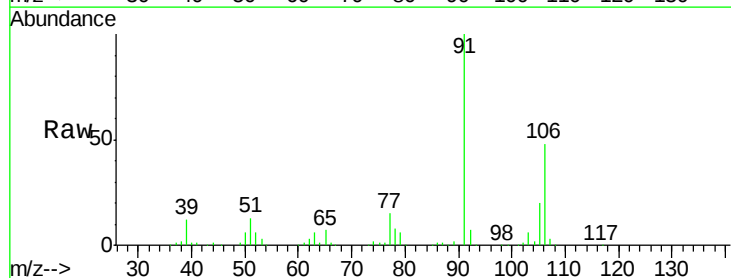
Acq: 28 Mar 2018 12:48

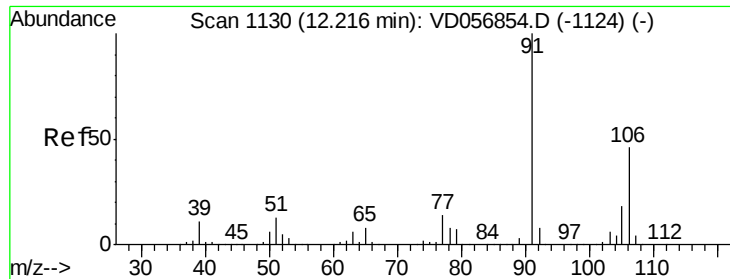
Tgt Ion: 106 Resp: 370948

Ion Ratio Lower Upper

106 100

91 210.0 162.6 244.0

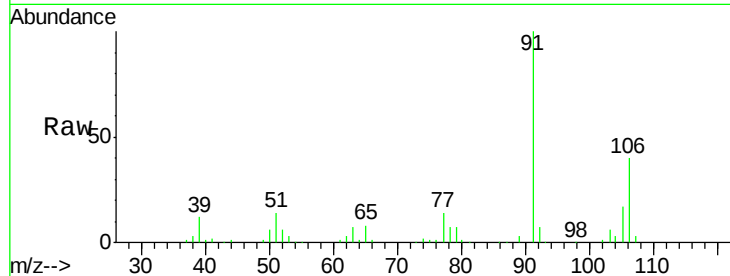




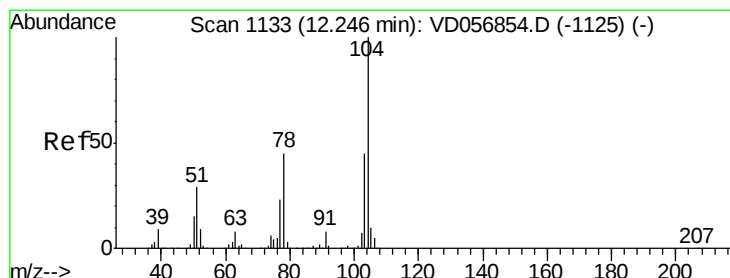
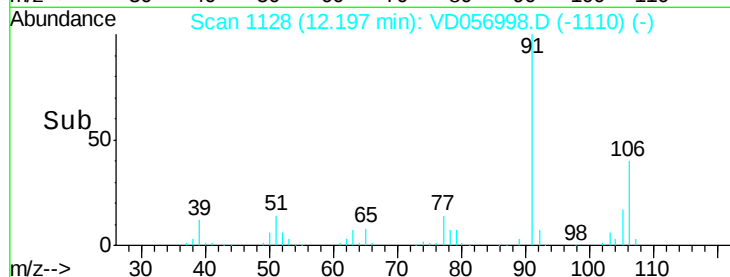
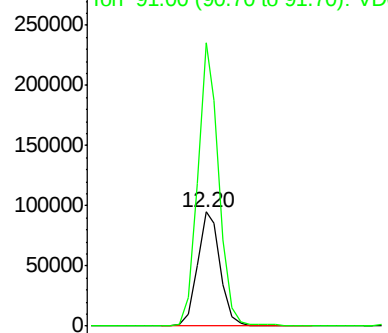
#69  
o-Xylene  
Concen: 20.13 ug/l  
RT: 12.20 min Scan# 1128  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

Tgt Ion:106 Resp: 170806  
Ion Ratio Lower Upper  
106 100  
91 248.3 109.6 328.6

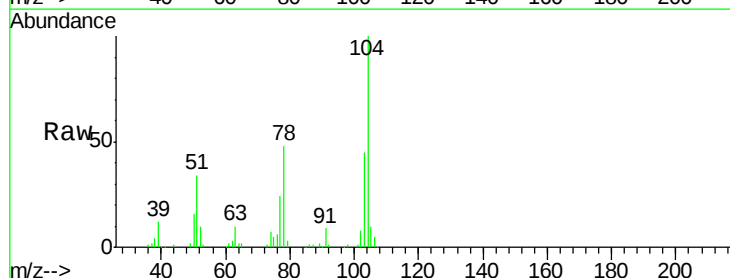


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

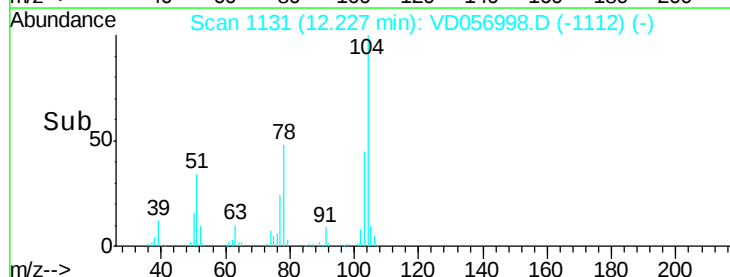
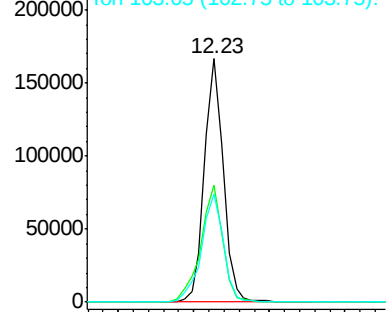


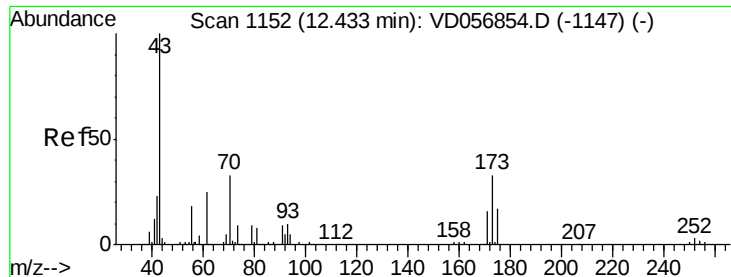
#70  
Styrene  
Concen: 20.77 ug/l  
RT: 12.23 min Scan# 1131  
Delta R.T. -0.02 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion:104 Resp: 286316  
Ion Ratio Lower Upper  
104 100  
78 47.8 39.4 59.2  
103 44.5 36.9 55.3



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

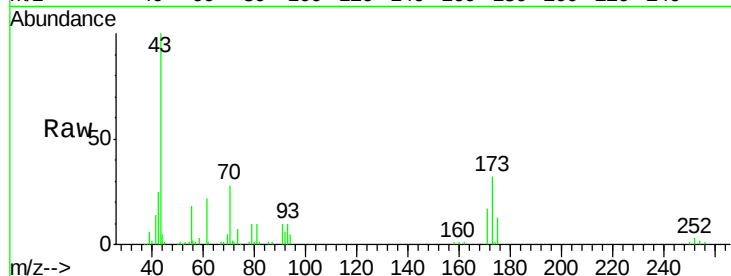




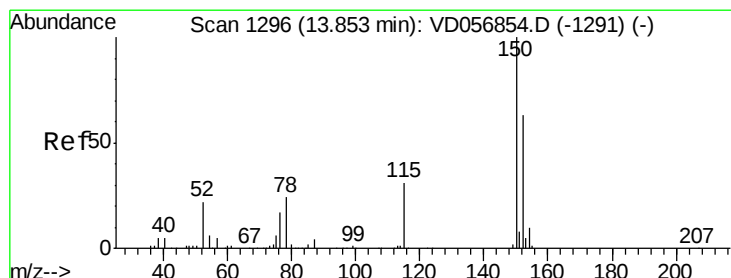
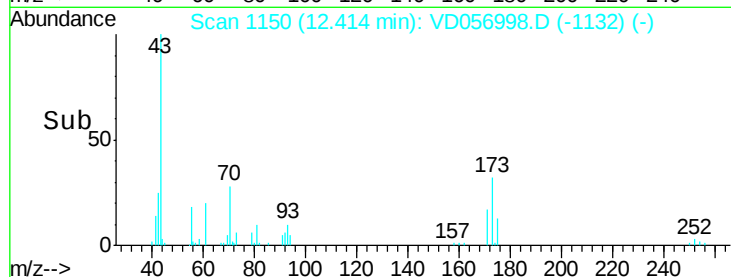
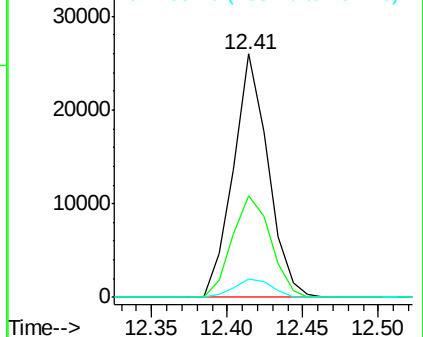
#71  
Bromoform  
Concen: 16.72 ug/l  
RT: 12.41 min Scan# 1150  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

Tgt Ion:173 Resp: 41596  
Ion Ratio Lower Upper  
173 100  
175 41.7 23.3 69.9  
254 7.7 7.4 11.2

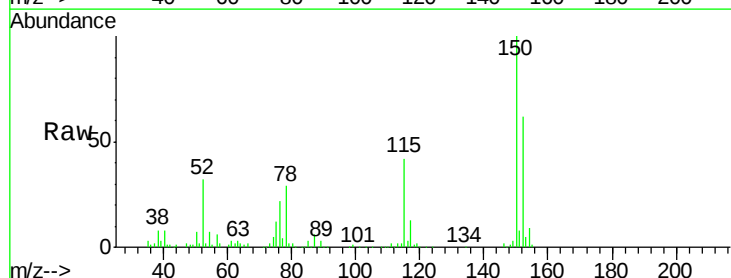


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

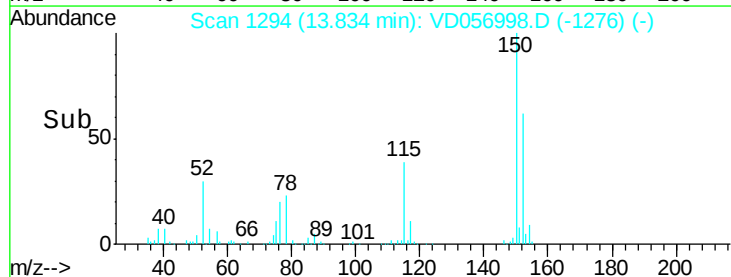
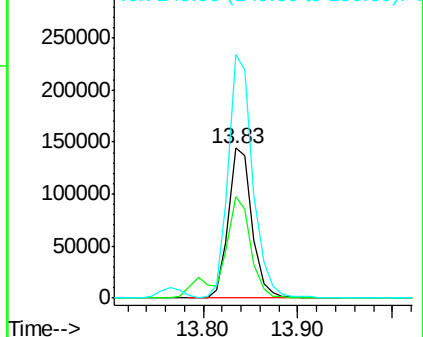


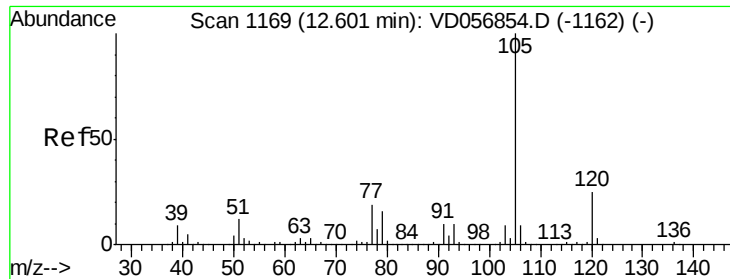
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.83 min Scan# 1294  
Delta R.T. -0.03 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion:152 Resp: 250574  
Ion Ratio Lower Upper  
152 100  
115 67.9 31.2 93.6  
150 162.4 0.0 334.8



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





#73

Isopropylbenzene

Concen: 21.16 ug/l

RT: 12.58 min Scan# 1167

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

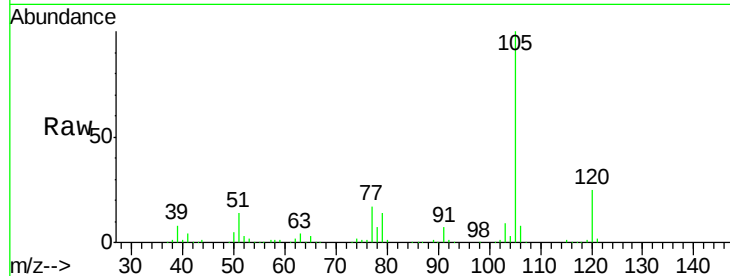
VD0328SBSD01

Tgt Ion: 105 Resp: 493864

Ion Ratio Lower Upper

105 100

120 24.5 12.7 38.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.58

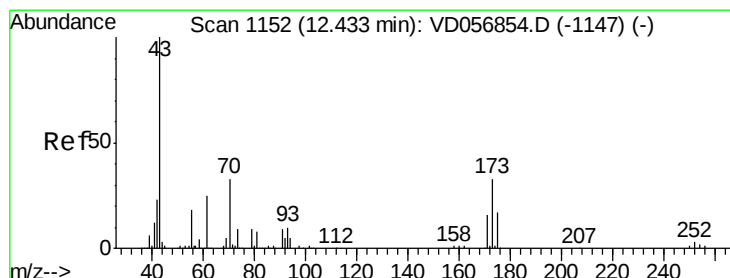
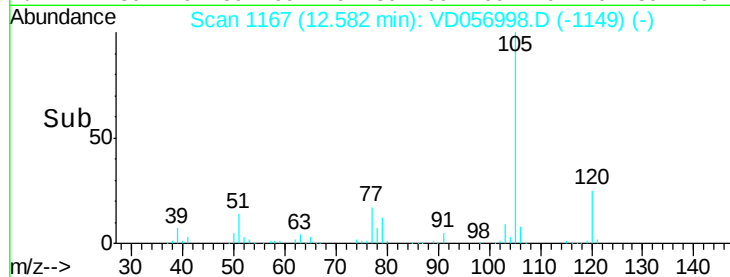
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.51 ug/l

RT: 12.42 min Scan# 1151

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Tgt Ion: 43 Resp: 162763

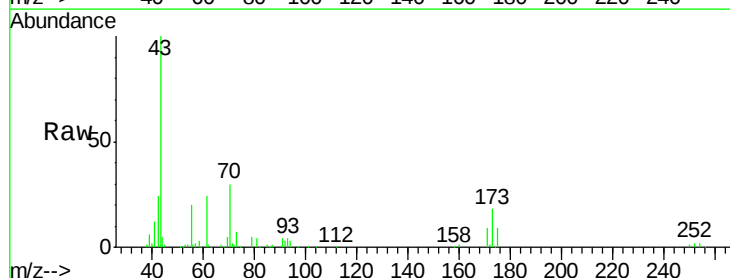
Ion Ratio Lower Upper

43 100

70 30.4 27.4 41.2

55 19.6 15.2 22.8

61 23.8 20.6 31.0



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

12.42

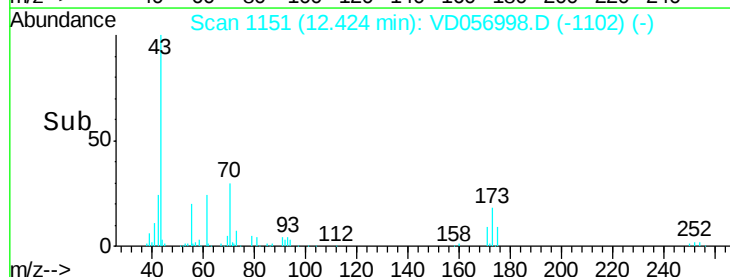
150000

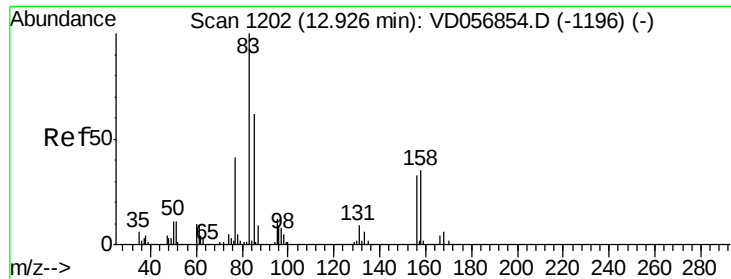
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.97 ug/l

RT: 12.91 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBS01

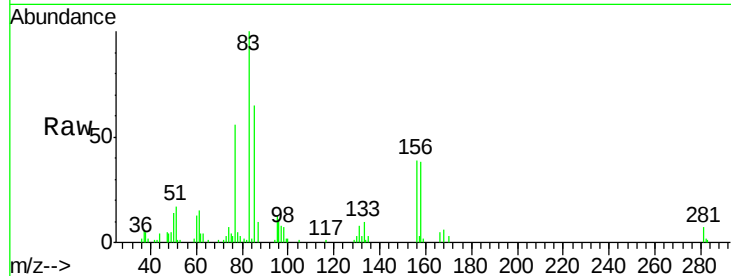
Tgt Ion: 83 Resp: 85600

Ion Ratio Lower Upper

83 100

131 7.6 4.1 12.3

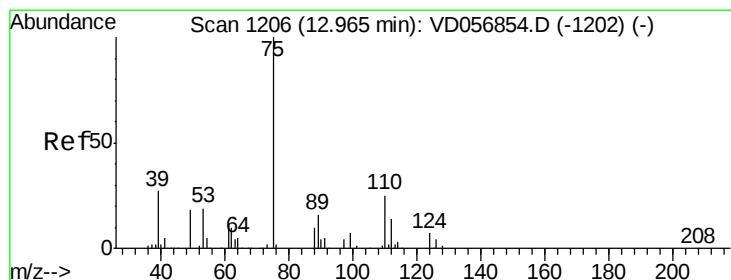
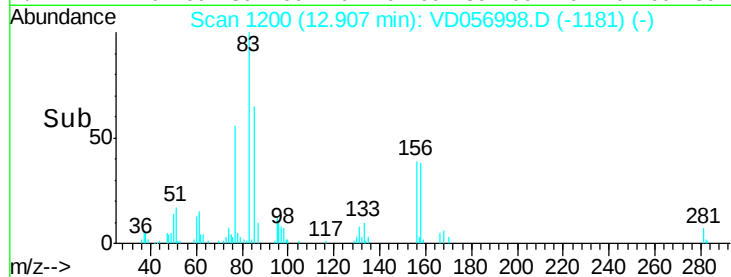
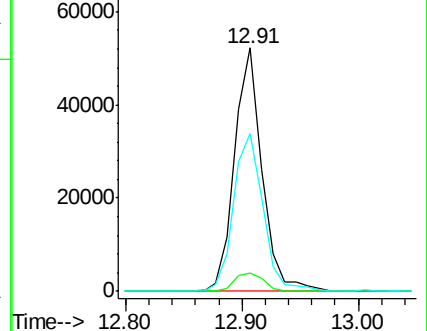
85 64.7 32.0 96.2



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: 21.04 ug/l

RT: 12.96 min Scan# 1205

Delta R.T. -0.02 min

Lab File: VD056998.D

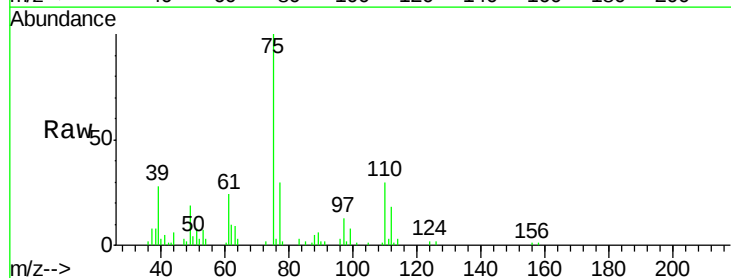
Acq: 28 Mar 2018 12:48

Tgt Ion: 75 Resp: 99656

Ion Ratio Lower Upper

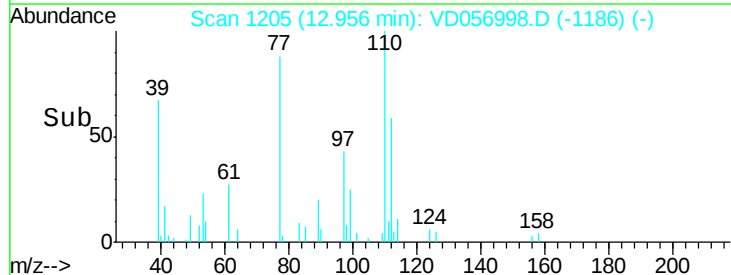
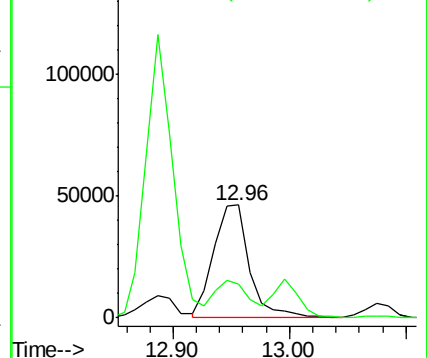
75 100

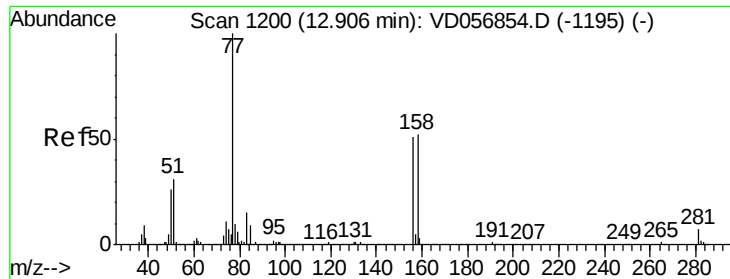
77 29.7 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 19.80 ug/l

RT: 12.89 min Scan# 1198

Delta R.T. -0.03 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

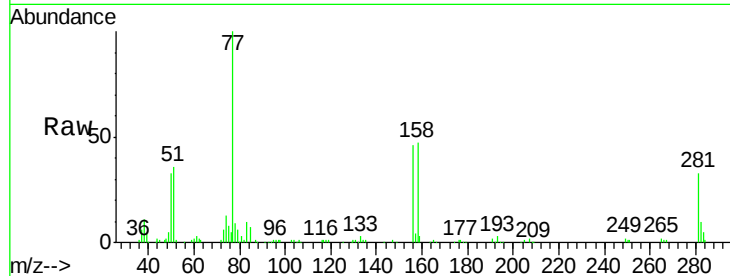
Tgt Ion:156 Resp: 94466

Ion Ratio Lower Upper

156 100

77 218.1 81.7 244.9

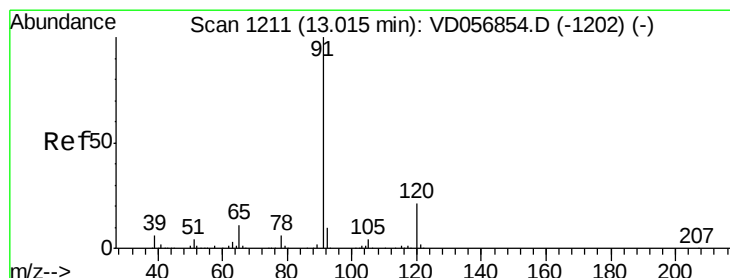
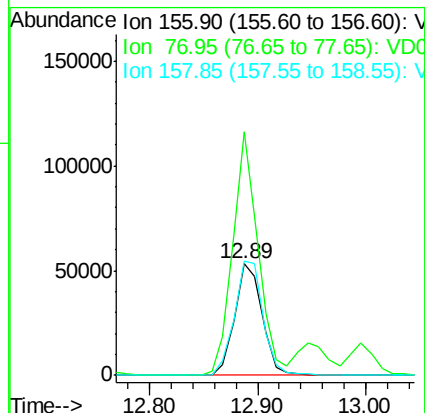
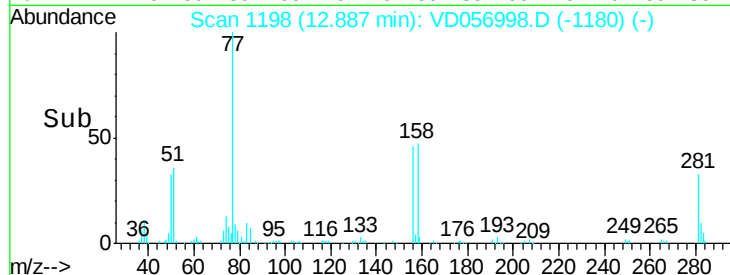
158 102.2 48.1 144.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.73 ug/l

RT: 13.00 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VD056998.D

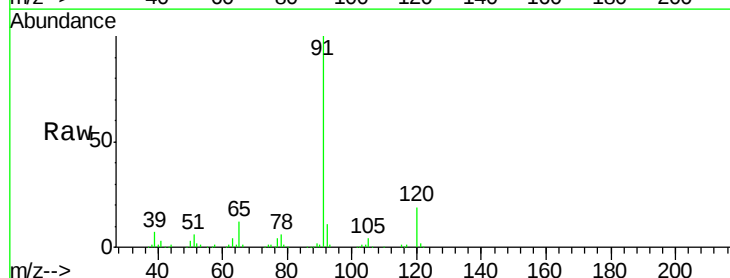
Acq: 28 Mar 2018 12:48

Tgt Ion: 91 Resp: 628549

Ion Ratio Lower Upper

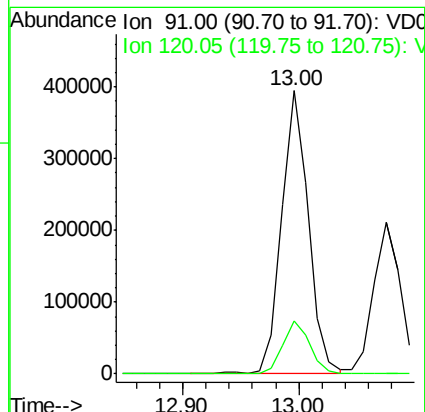
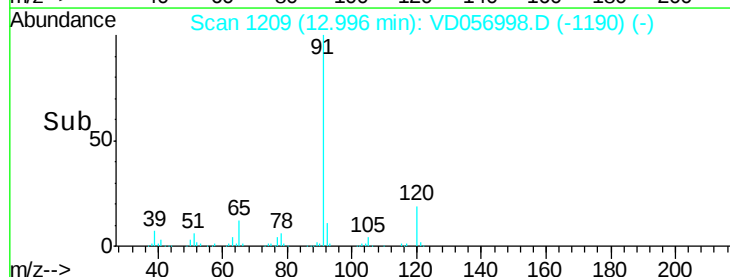
91 100

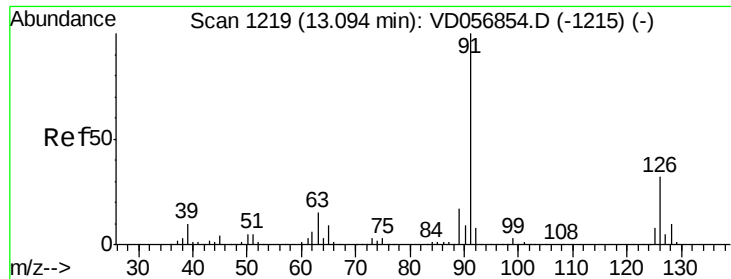
120 18.7 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

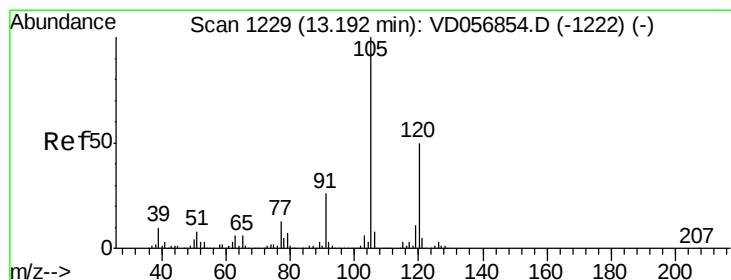
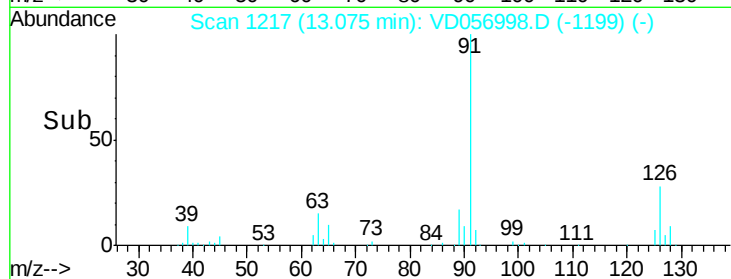
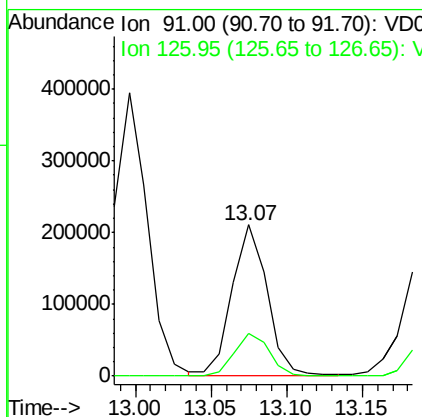
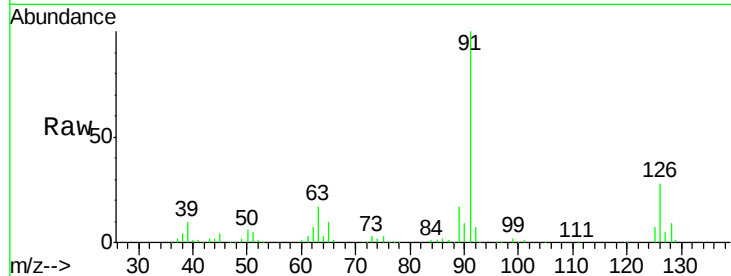




#79  
 2-Chlorotoluene  
 Concen: 21.62 ug/l  
 RT: 13.07 min Scan# 1217  
 Delta R.T. -0.03 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

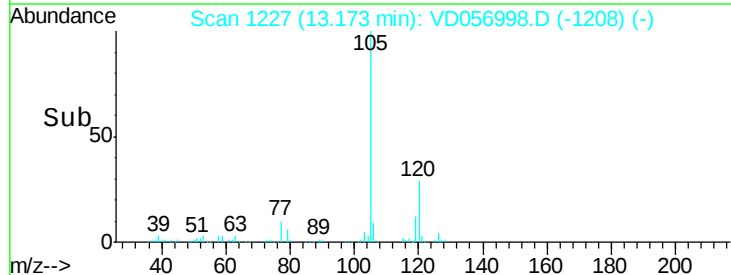
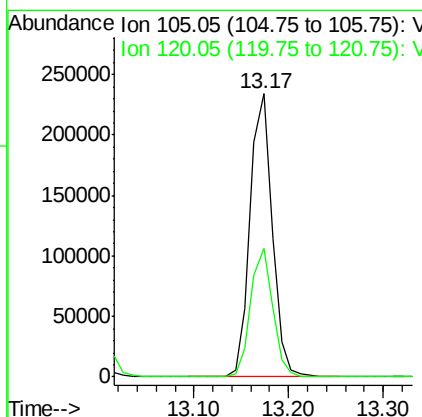
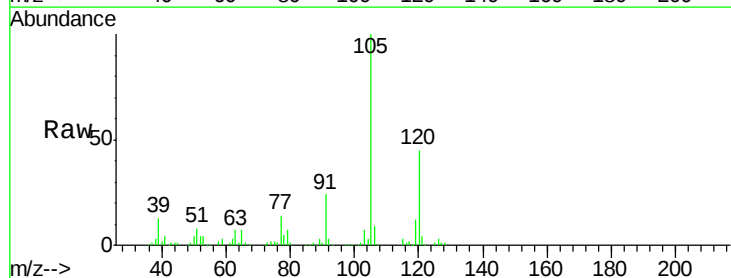
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

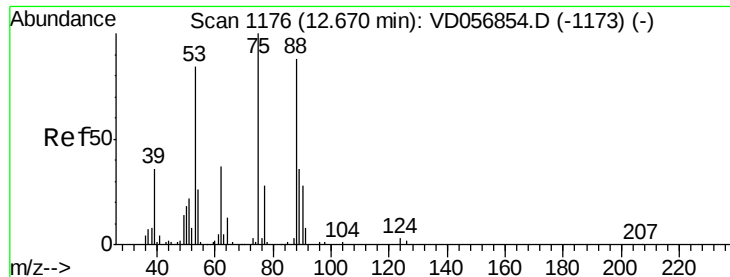
Tgt Ion: 91 Resp: 339483  
 Ion Ratio Lower Upper  
 91 100  
 126 28.2 17.0 50.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.17 ug/l  
 RT: 13.17 min Scan# 1227  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion: 105 Resp: 381704  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.99 ug/l

RT: 12.66 min Scan# 1175

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

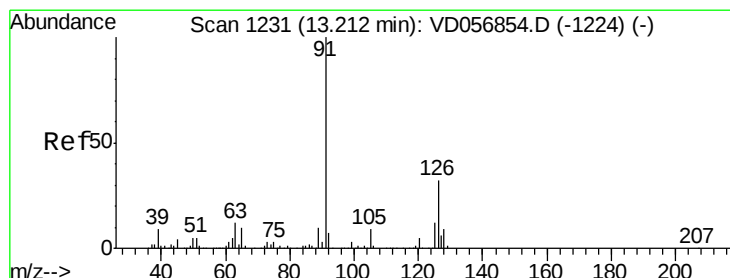
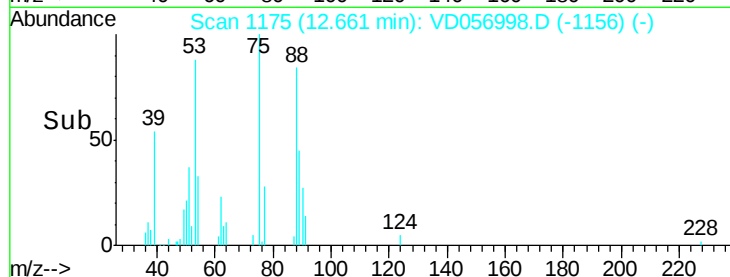
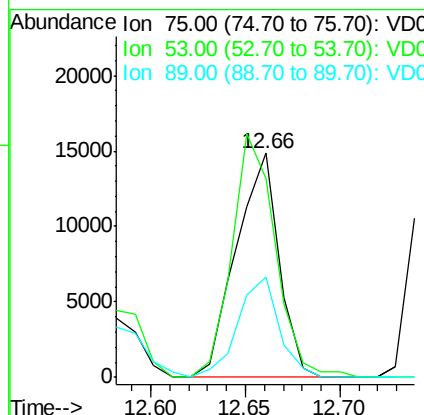
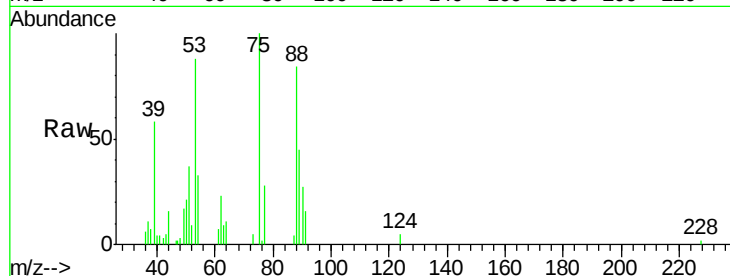
Tgt Ion: 75 Resp: 23309

Ion Ratio Lower Upper

75 100

53 88.5 64.5 96.7

89 44.8 31.6 47.4



#82

4-Chlorotoluene

Concen: 19.73 ug/l

RT: 13.19 min Scan# 1229

Delta R.T. -0.02 min

Lab File: VD056998.D

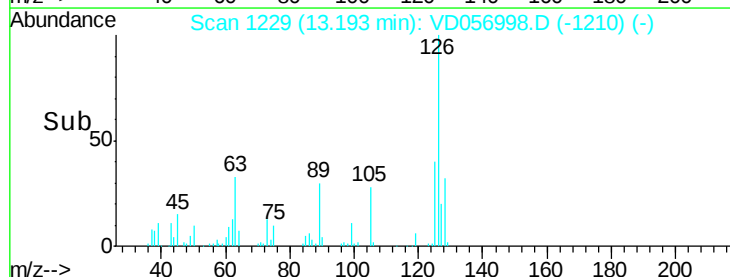
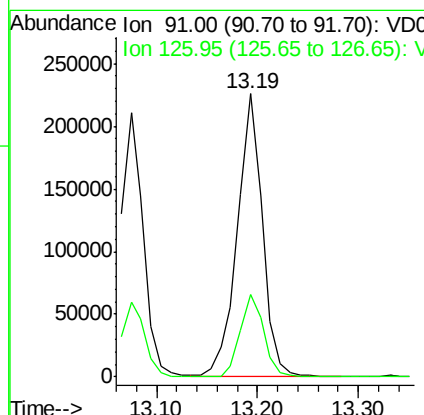
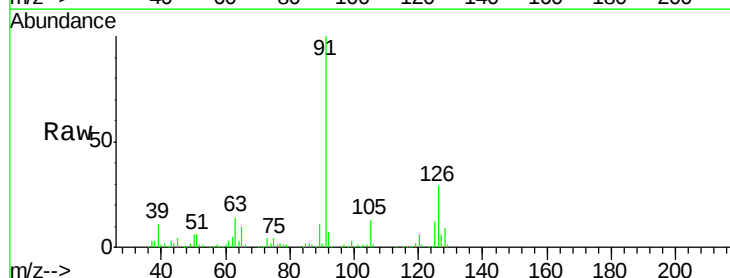
Acq: 28 Mar 2018 12:48

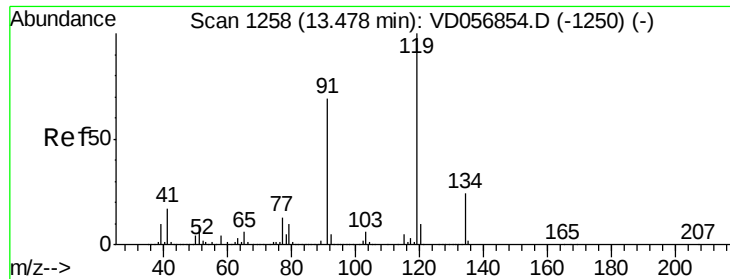
Tgt Ion: 91 Resp: 387992

Ion Ratio Lower Upper

91 100

126 29.1 14.9 44.7

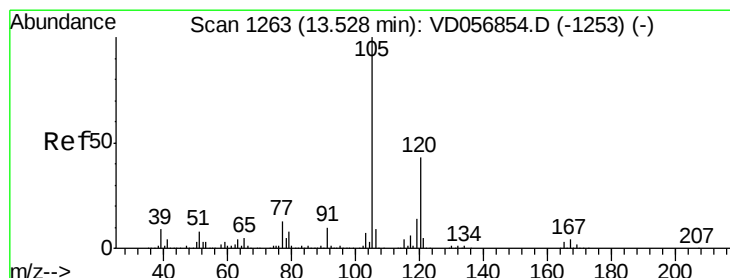
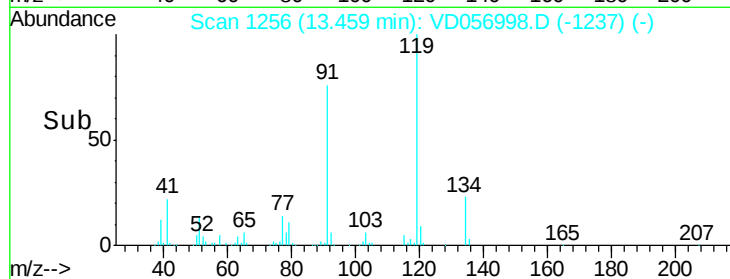
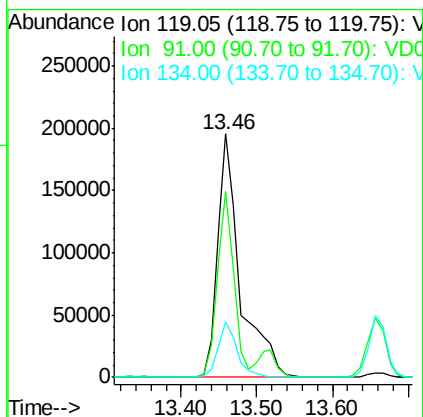
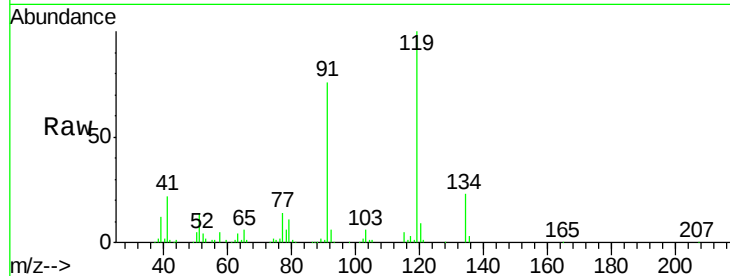




#83  
 tert-Butylbenzene  
 Concen: 20.67 ug/l  
 RT: 13.46 min Scan# 1256  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

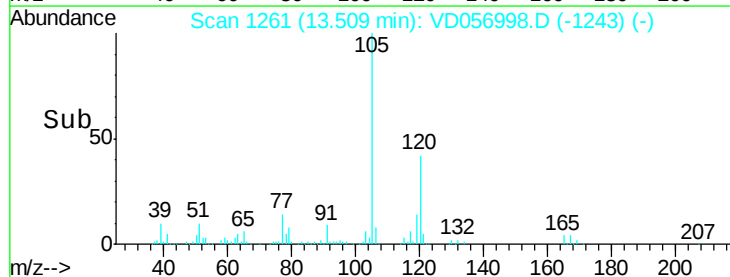
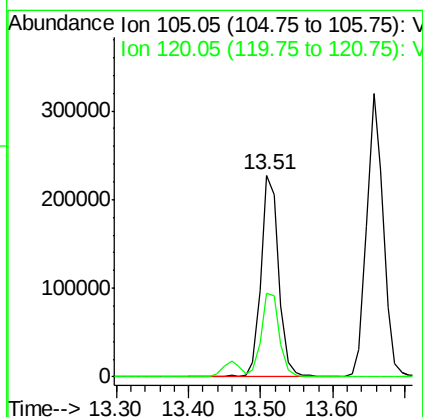
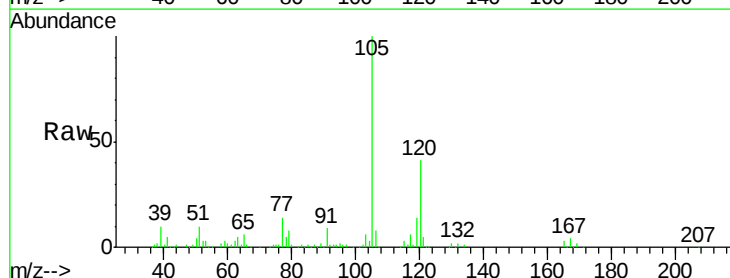
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

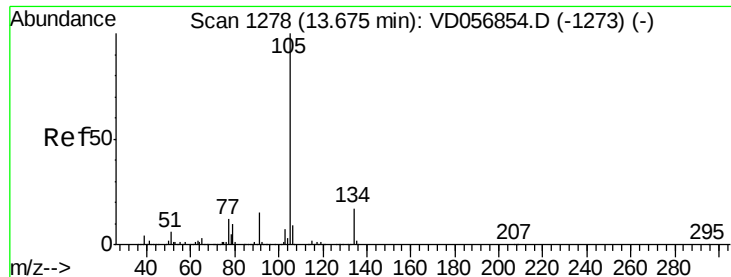
Tgt Ion:119 Resp: 412790  
 Ion Ratio Lower Upper  
 119 100  
 91 76.5 35.6 106.8  
 134 22.8 11.9 35.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.53 ug/l  
 RT: 13.51 min Scan# 1261  
 Delta R.T. -0.03 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion:105 Resp: 390274  
 Ion Ratio Lower Upper  
 105 100  
 120 41.4 23.5 70.5

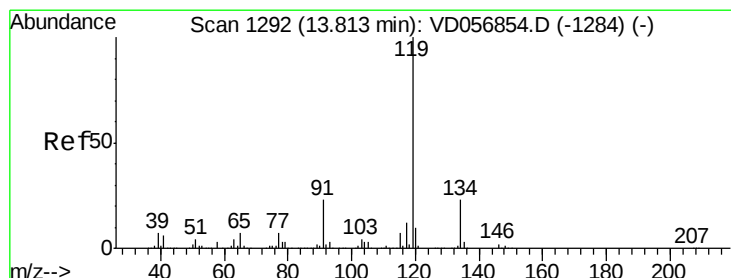
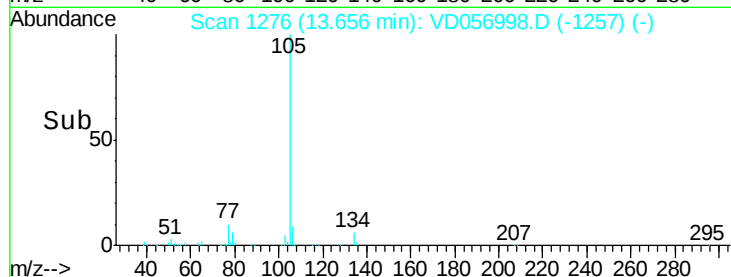
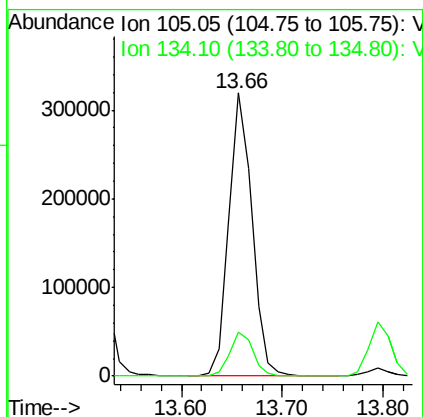
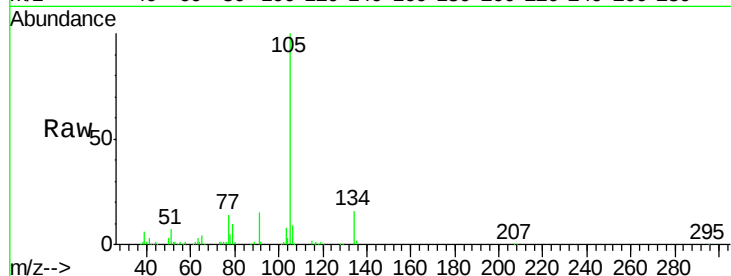




#85  
 sec-Butylbenzene  
 Concen: 21.39 ug/l  
 RT: 13.66 min Scan# 1276  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

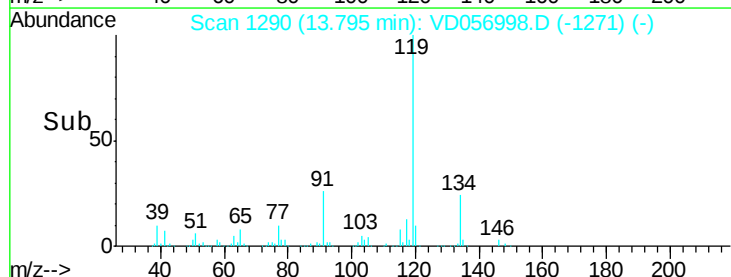
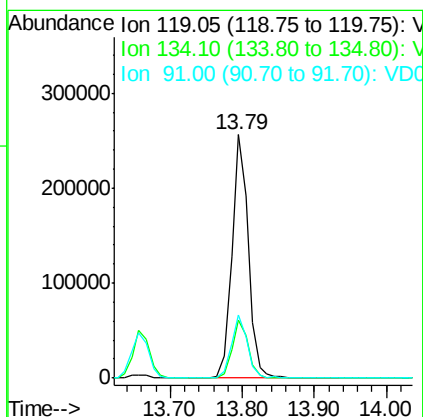
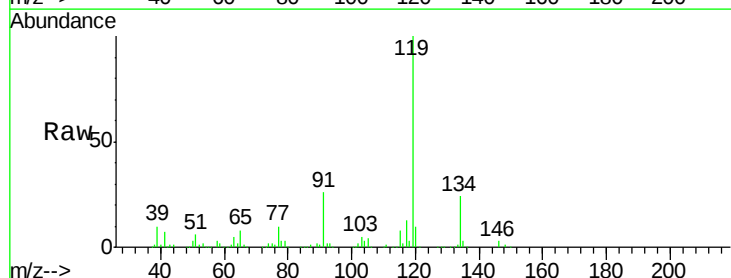
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

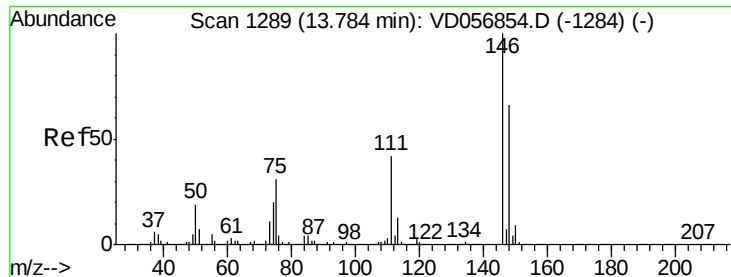
Tgt Ion:105 Resp: 507330  
 Ion Ratio Lower Upper  
 105 100  
 134 15.6 8.6 25.7



#86  
 p-Isopropyltoluene  
 Concen: 20.74 ug/l  
 RT: 13.79 min Scan# 1290  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion:119 Resp: 405524  
 Ion Ratio Lower Upper  
 119 100  
 134 23.8 12.0 36.1  
 91 25.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.61 ug/l

RT: 13.76 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

Instrument :

MSVOA\_X

ClientSampleId :

VD0328SBSD01

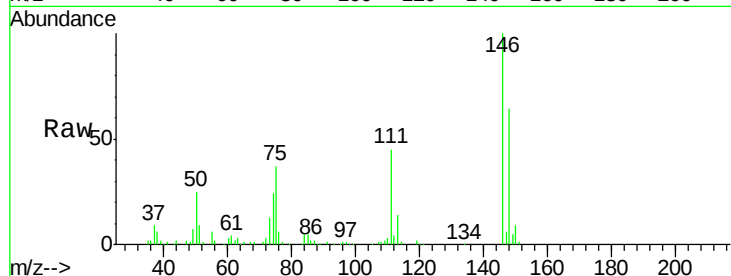
Tgt Ion:146 Resp: 188191

Ion Ratio Lower Upper

146 100

111 44.8 21.5 64.5

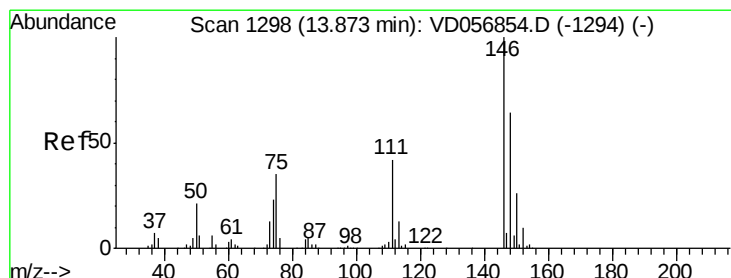
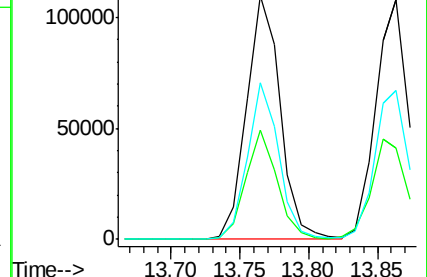
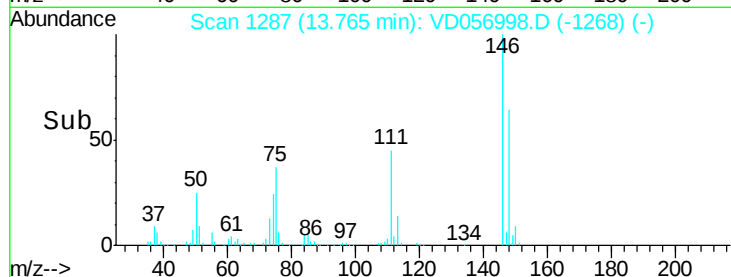
148 64.1 31.4 94.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.10 ug/l

RT: 13.86 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VD056998.D

Acq: 28 Mar 2018 12:48

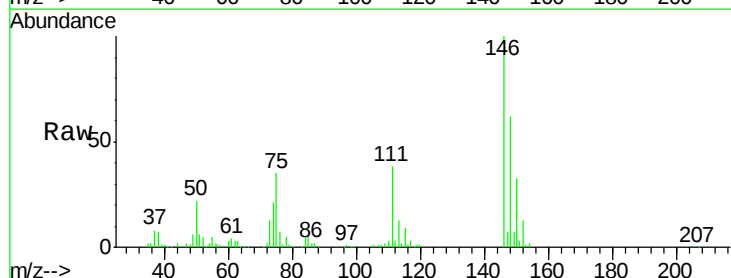
Tgt Ion:146 Resp: 184226

Ion Ratio Lower Upper

146 100

111 38.4 20.1 60.3

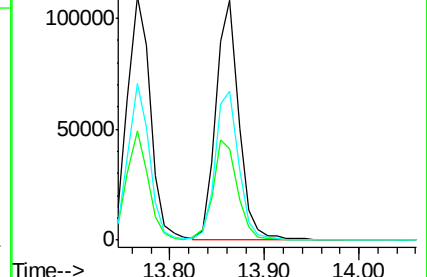
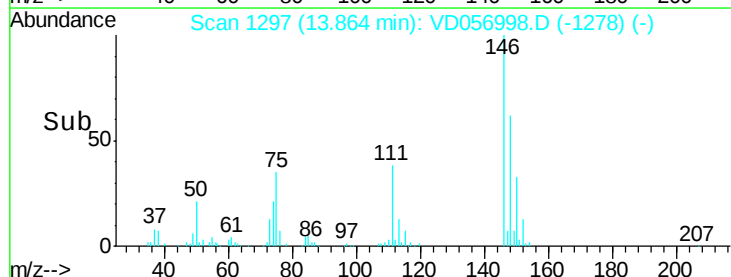
148 62.1 31.8 95.4

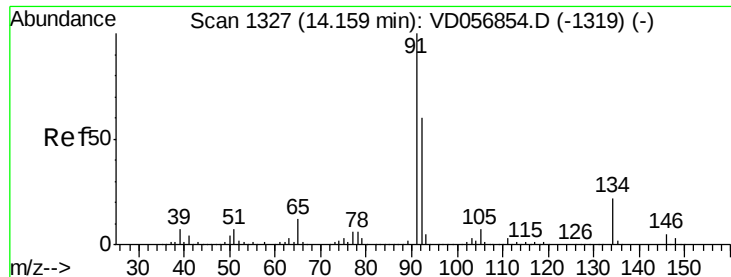


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

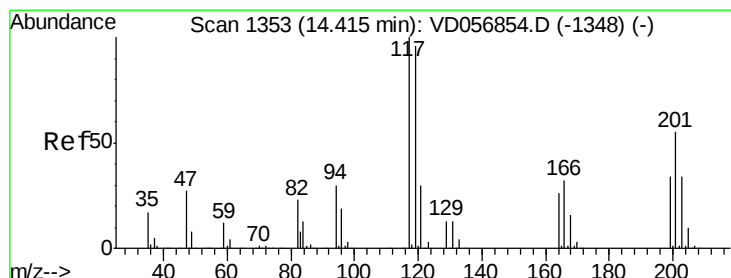
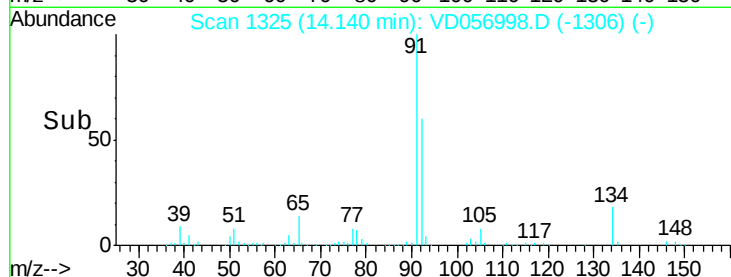
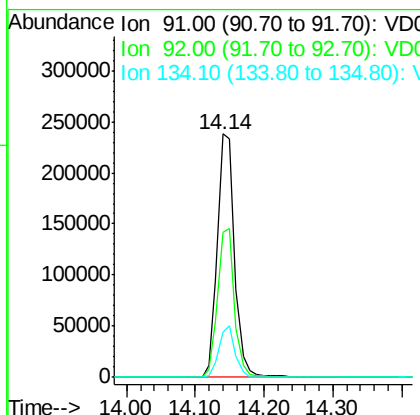
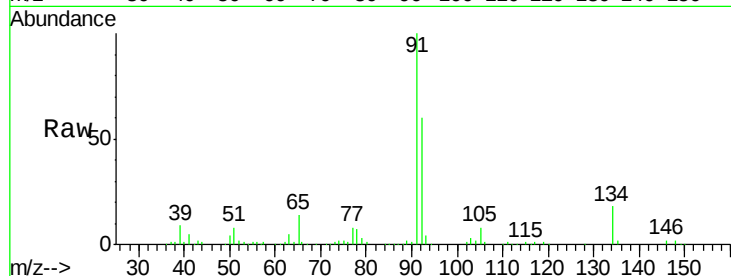




#89  
n-Butylbenzene  
Concen: 21.18 ug/l  
RT: 14.14 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

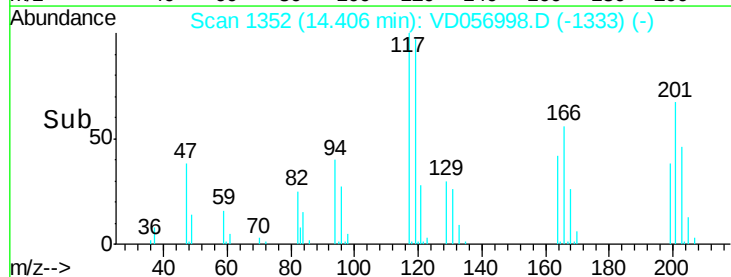
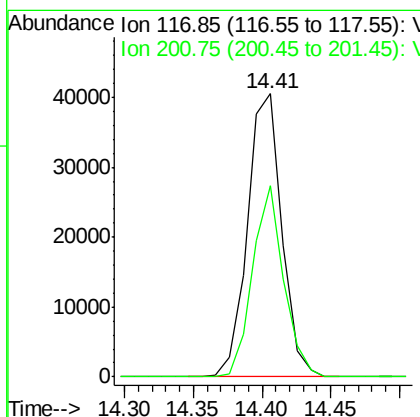
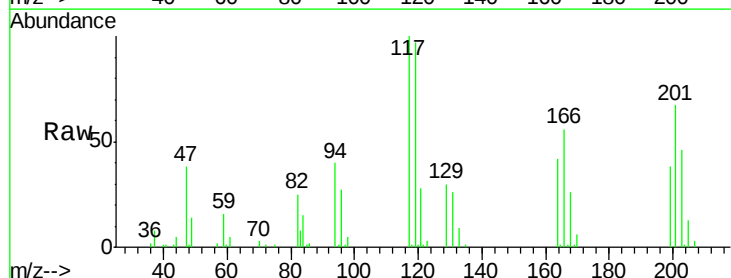
Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

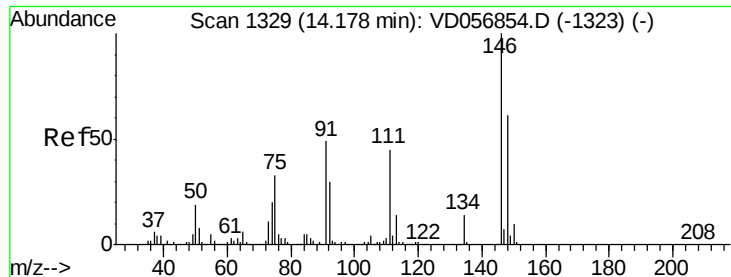
Tgt Ion: 91 Resp: 416220  
Ion Ratio Lower Upper  
91 100  
92 59.6 30.2 90.6  
134 18.4 10.4 31.4



#90  
Hexachloroethane  
Concen: 15.80 ug/l  
RT: 14.41 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion: 117 Resp: 70678  
Ion Ratio Lower Upper  
117 100  
201 67.3 32.2 96.6

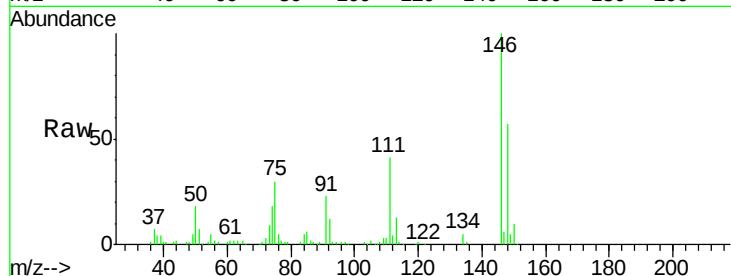




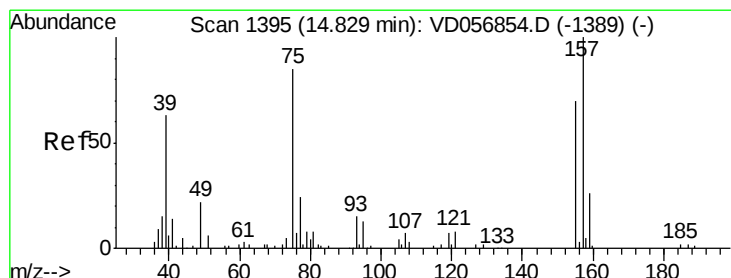
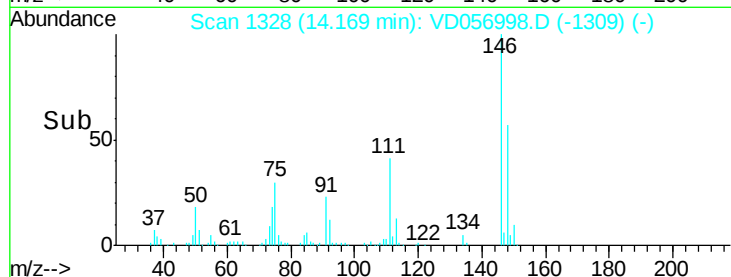
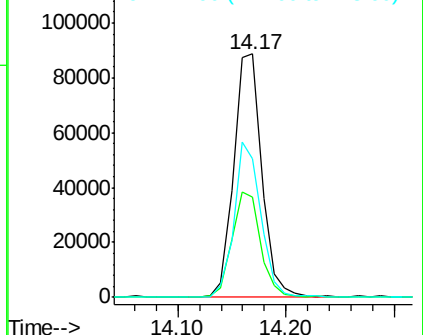
#91  
 1,2-Dichlorobenzene  
 Concen: 20.77 ug/l  
 RT: 14.17 min Scan# 1328  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBSD01

Tgt Ion: 146 Resp: 161151  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 21.1 63.4  
 148 57.2 32.1 96.3

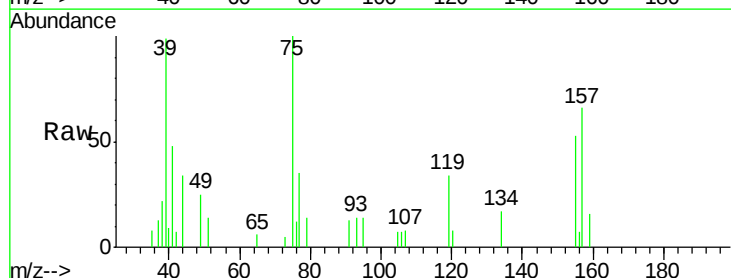


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

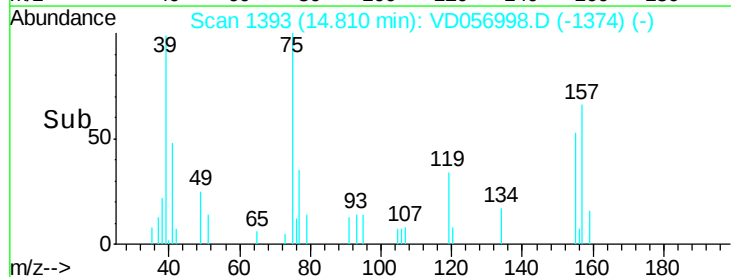
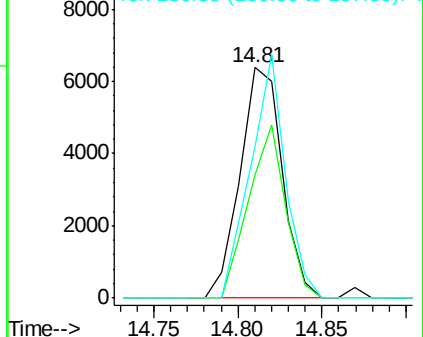


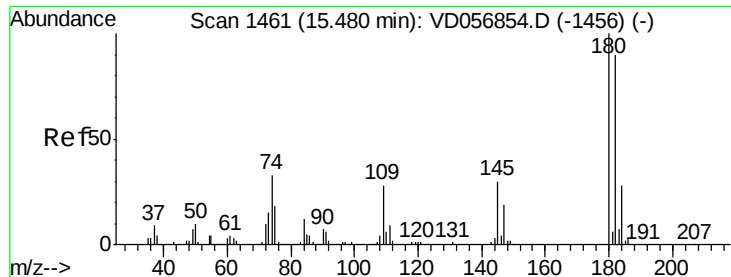
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.14 ug/l  
 RT: 14.81 min Scan# 1393  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion: 75 Resp: 11109  
 Ion Ratio Lower Upper  
 75 100  
 155 53.3 35.8 107.3  
 157 65.6 42.9 128.5



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

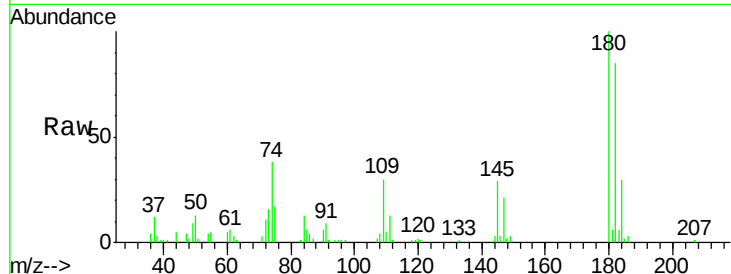




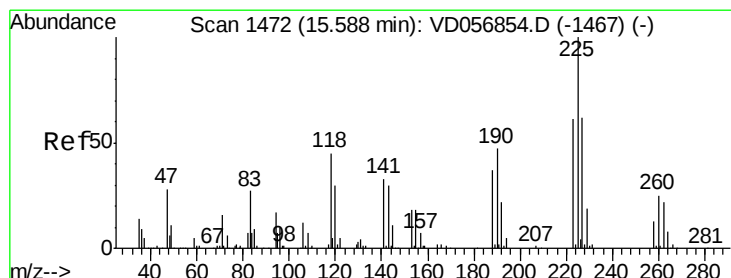
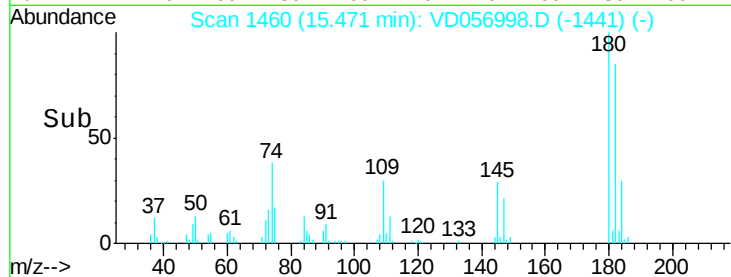
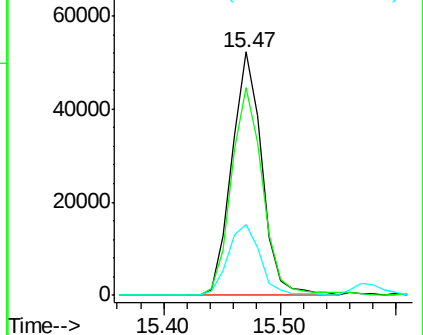
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.15 ug/l  
 RT: 15.47 min Scan# 1460  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VD0328SBS01

Tgt Ion:180 Resp: 93764  
 Ion Ratio Lower Upper  
 180 100  
 182 85.1 46.3 138.9  
 145 29.0 15.2 45.5

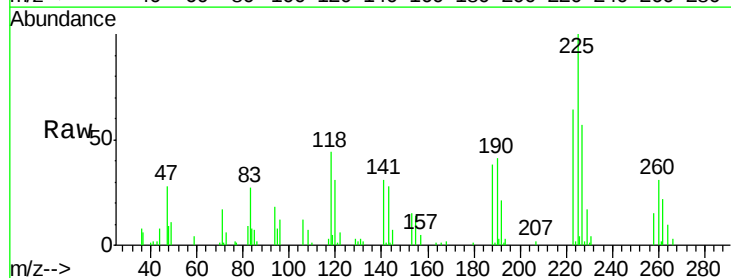


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

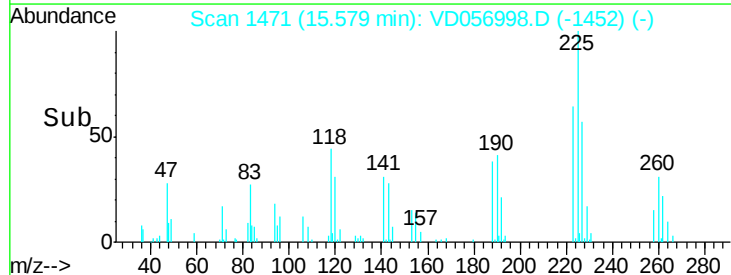
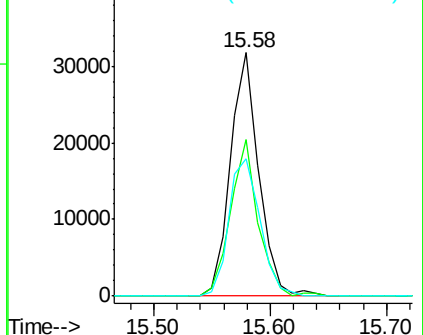


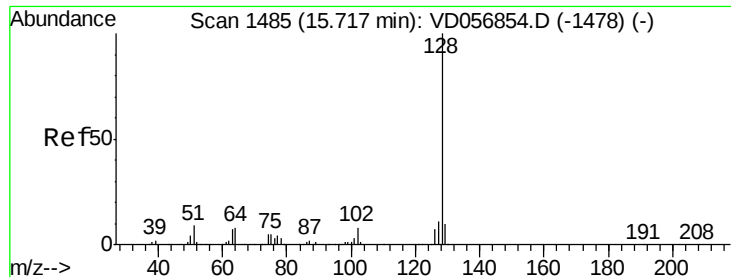
#94  
 Hexachlorobutadiene  
 Concen: 19.14 ug/l  
 RT: 15.58 min Scan# 1471  
 Delta R.T. -0.02 min  
 Lab File: VD056998.D  
 Acq: 28 Mar 2018 12:48

Tgt Ion:225 Resp: 53533  
 Ion Ratio Lower Upper  
 225 100  
 223 64.5 30.6 91.8  
 227 56.7 31.8 95.4



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

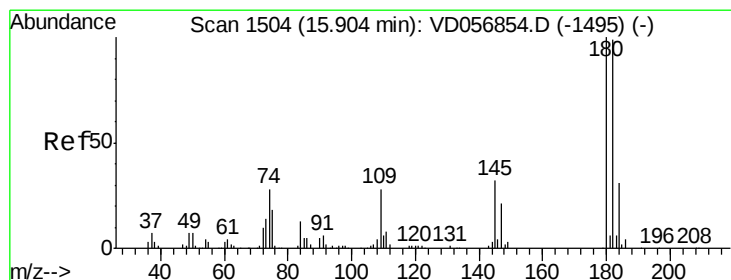
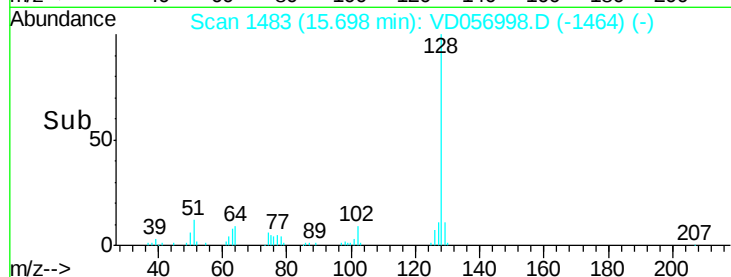
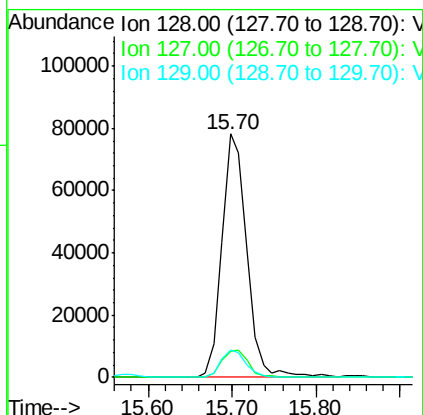
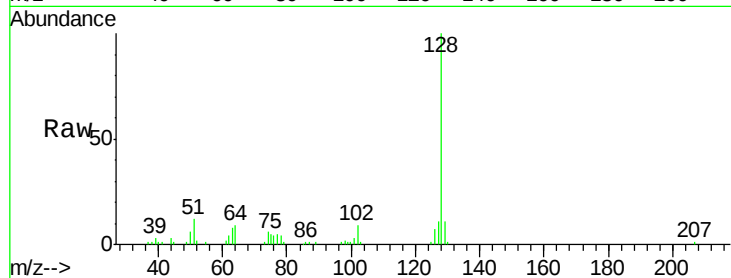




#95  
Naphthalene  
Concen: 18.14 ug/l  
RT: 15.70 min Scan# 1483  
Delta R.T. -0.02 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VD0328SBSD01

Tgt Ion:128 Resp: 160259  
Ion Ratio Lower Upper  
128 100  
127 10.7 9.3 13.9  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.83 ug/l  
RT: 15.89 min Scan# 1502  
Delta R.T. -0.02 min  
Lab File: VD056998.D  
Acq: 28 Mar 2018 12:48

Tgt Ion:180 Resp: 79651  
Ion Ratio Lower Upper  
180 100  
182 86.3 47.2 141.6  
145 29.3 16.9 50.7

