

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD121418\  
 Data File : VD060570.D  
 Acq On : 14 Dec 2018 13:44  
 Operator : VA/AP  
 Sample : VD1214SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

Manual Integrations  
 APPROVED

apatel  
 12/15/2018 3:25:10 PM

Quant Time: Dec 14 22:37:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 06 01:49:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.39  | 168  | 1464377  | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 7.42  | 114  | 2009321  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 11.27 | 117  | 1609961  | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152  | 826356   | 50.00 | ug/l  | -0.01    |

## System Monitoring Compounds

|                           |        |     |          |       |         |       |
|---------------------------|--------|-----|----------|-------|---------|-------|
| 33) 1,2-Dichloroethane-d4 | 6.77   | 65  | 518262   | 49.93 | ug/l    | -0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.86%  |       |
| 35) Dibromofluoromethane  | 6.31   | 113 | 771133   | 52.25 | ug/l    | -0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.50% |       |
| 50) Toluene-d8            | 9.44   | 98  | 2235664  | 52.35 | ug/l    | -0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.70% |       |
| 62) 4-Bromofluorobenzene  | 12.41  | 95  | 787822   | 51.55 | ug/l    | -0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.10% |       |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.60 | 85  | 384604  | 24.208  | ug/l | 95     |
| 3) Chloromethane              | 1.76 | 50  | 336812  | 22.386  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.86 | 62  | 281040  | 23.404  | ug/l | 98     |
| 5) Bromomethane               | 2.15 | 94  | 50573   | 16.835  | ug/l | 98     |
| 6) Chloroethane               | 2.26 | 64  | 70490   | 16.966  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 2.51 | 101 | 300231  | 21.654  | ug/l | 99     |
| 8) Diethyl Ether              | 2.83 | 74  | 48585   | 20.287  | ug/l | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.08 | 101 | 197798  | 21.987  | ug/l | 98     |
| 10) Methyl Iodide             | 3.24 | 142 | 221661  | 21.079  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.97 | 59  | 42095   | 99.825  | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.07 | 96  | 161887  | 22.117  | ug/l | 94     |
| 13) Acrolein                  | 2.98 | 56  | 36193   | 78.549  | ug/l | 99     |
| 14) Allyl chloride            | 3.53 | 41  | 296567  | 21.356  | ug/l | 98     |
| 15) Acrylonitrile             | 4.08 | 53  | 237907  | 99.361  | ug/l | 95     |
| 16) Acetone                   | 3.16 | 43  | 151715  | 91.189  | ug/l | 97     |
| 17) Carbon Disulfide          | 3.31 | 76  | 503951  | 21.196  | ug/l | 98     |
| 18) Methyl Acetate            | 3.55 | 43  | 73830   | 18.672  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.12 | 73  | 409975  | 20.198  | ug/l | 99     |
| 20) Methylene Chloride        | 3.71 | 84  | 341977  | 19.673  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.10 | 96  | 335788  | 21.090  | ug/l | 97     |
| 22) Diisopropyl ether         | 4.84 | 45  | 1008181 | 20.220  | ug/l | 96     |
| 23) Vinyl Acetate             | 4.79 | 43  | 2490556 | 100.818 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 4.75 | 63  | 539984  | 20.847  | ug/l | 99     |
| 25) 2-Butanone                | 5.60 | 43  | 311898  | 95.287  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 5.57 | 77  | 426334  | 21.306  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 5.58 | 96  | 336631  | 20.794  | ug/l | 98     |
| 28) Bromochloromethane        | 5.91 | 49  | 226292  | 19.721  | ug/l | 90     |
| 29) Tetrahydrofuran           | 5.94 | 42  | 183011  | 98.734  | ug/l | 97     |
| 30) Chloroform                | 6.08 | 83  | 522567  | 20.025  | ug/l | 97     |
| 31) Cyclohexane               | 6.35 | 56  | 509959  | 20.785  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 6.27 | 97  | 456375  | 21.273  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 6.51 | 75  | 428145  | 21.799  | ug/l | 99     |
| 37) Ethyl Acetate             | 5.68 | 43  | 170336  | 19.997  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 6.48 | 117 | 383553  | 21.753  | ug/l | 99     |

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 Operator : VA/AP  
 Sample : VD1214SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1214SBS01

Manual Integrations  
 APPROVED

apatel  
 12/15/2018 3:25:10 PM

Quant Time: Dec 14 22:37:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 06 01:49:20 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.02  | 83   | 482252   | 21.539  | ug/l   | 98       |
| 40) Benzene                    | 6.77  | 78   | 1071676  | 21.350  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.91  | 41   | 88808m   | 19.341  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 6.88  | 62   | 265141   | 20.775  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.33  | 43   | 209857   | 19.958  | ug/l # | 98       |
| 44) Trichloroethene            | 7.72  | 130  | 314703   | 20.979  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 8.08  | 63   | 254178   | 20.474  | ug/l   | 100      |
| 46) Dibromomethane             | 8.20  | 93   | 147301   | 20.536  | ug/l   | 98       |
| 47) Bromodichloromethane       | 8.47  | 83   | 357357   | 20.997  | ug/l   | 100      |
| 48) Methyl methacrylate        | 8.23  | 41   | 127456   | 20.486  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 8.21  | 88   | 22356    | 396.472 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 9.32  | 43   | 656468   | 100.368 | ug/l   | 100      |
| 52) Toluene                    | 9.53  | 92   | 672658   | 21.440  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.90  | 75   | 292279   | 20.900  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.08  | 75   | 385239   | 20.967  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.17 | 97   | 180232   | 20.629  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.01 | 69   | 162420   | 20.541  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.36 | 76   | 275122   | 20.370  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.91  | 63   | 519918   | 109.892 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.47 | 43   | 454827   | 99.487  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.62 | 129  | 226257   | 20.713  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.74 | 107  | 179005   | 20.104  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.24 | 164  | 297103   | 20.841  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.30 | 112  | 713214   | 20.940  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.41 | 131  | 234579   | 21.368  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.42 | 91   | 1277028  | 21.981  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.55 | 106  | 939365   | 43.706  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 439712   | 21.467  | ug/l   | 92       |
| 70) Styrene                    | 11.94 | 104  | 709552   | 21.582  | ug/l   | 97       |
| 71) Bromoform                  | 12.11 | 173  | 145161   | 19.820  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.26 | 105  | 1242714  | 21.252  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.13 | 43   | 272352   | 19.271  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.55 | 83   | 188596   | 20.146  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.59 | 75   | 185535   | 19.816  | ug/l   | 95       |
| 77) Bromobenzene               | 12.53 | 156  | 312714   | 20.345  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.63 | 91   | 1593194  | 21.553  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.70 | 91   | 823293   | 20.525  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.79 | 105  | 977435   | 21.875  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.33 | 75   | 49606    | 18.996  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.79 | 91   | 974005   | 21.620  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 13.03 | 119  | 1097295  | 21.902  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 13.08 | 105  | 972517   | 21.020  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.21 | 105  | 1345917  | 21.554  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.33 | 119  | 1076056  | 21.739  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 13.30 | 146  | 564368   | 20.279  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.38 | 146  | 568114   | 20.809  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.63 | 91   | 1147244  | 20.883  | ug/l   | 96       |
| 90) Hexachloroethane           | 13.85 | 117  | 258034   | 20.791  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 481291   | 21.162  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.21 | 75   | 21696    | 19.127  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD121418\  
Data File : VD060570.D  
Acq On : 14 Dec 2018 13:44  
Operator : VA/AP  
Sample : VD1214SBSD01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

Manual Integrations  
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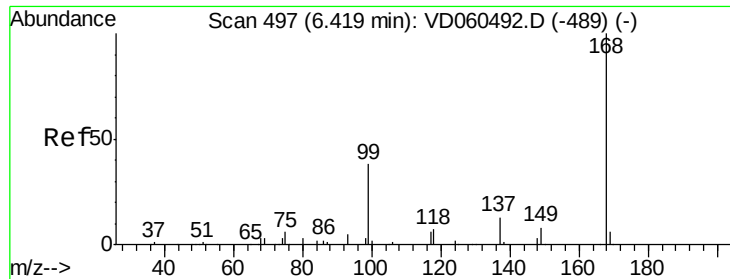
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12/15/2018 3:25:10 PM

Quant Time: Dec 14 22:37:41 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D120518S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 06 01:49:20 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.77 | 180  | 362988   | 20.416 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 14.87 | 225  | 280735   | 21.401 | ug/l  | 99       |
| 95) Naphthalene            | 14.96 | 128  | 418134   | 19.769 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180  | 282725   | 19.957 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion:168 Resp: 1464377

Ion Ratio Lower Upper

168 100

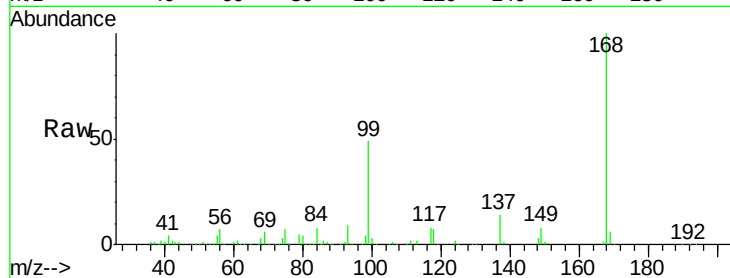
99 48.7 35.6 53.4

Manual Integrations

APPROVED

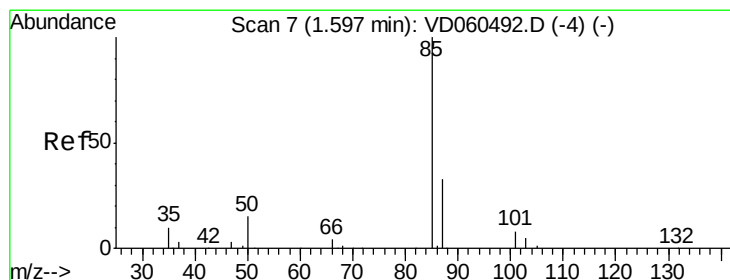
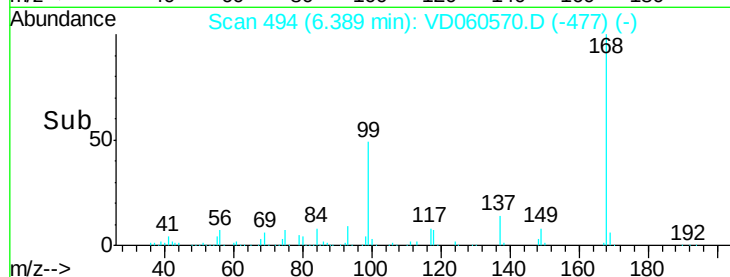
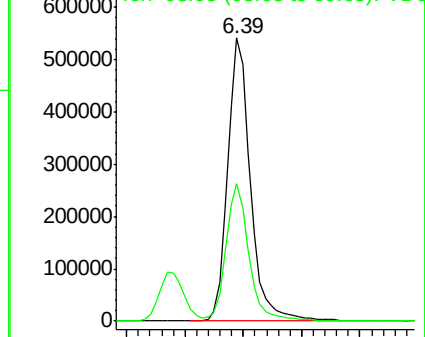
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 24.208 ug/l

RT: 1.60 min Scan# 7

Delta R.T. -0.00 min

Lab File: VD060570.D

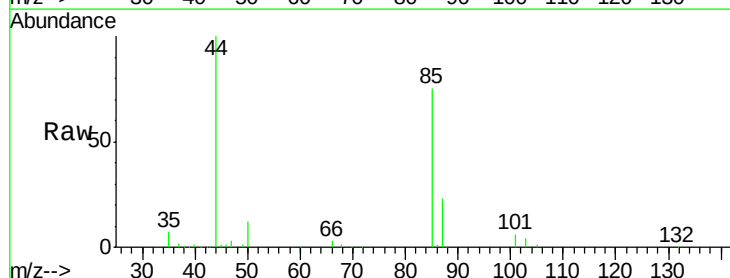
Acq: 14 Dec 2018 13:44

Tgt Ion: 85 Resp: 384604

Ion Ratio Lower Upper

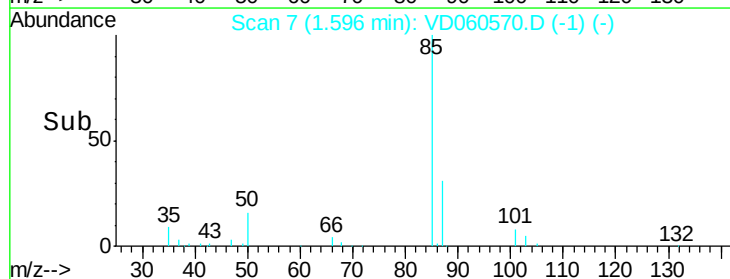
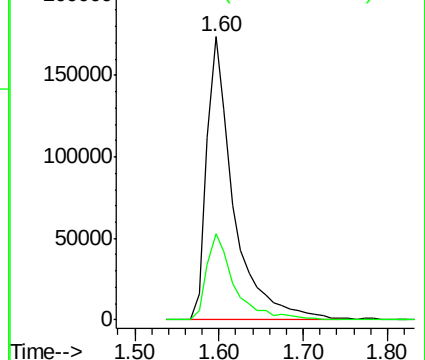
85 100

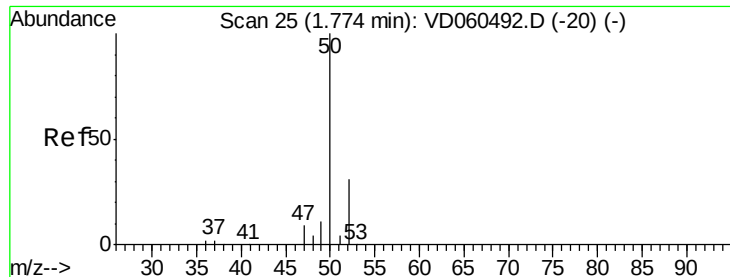
87 30.5 16.7 50.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.386 ug/l

RT: 1.76 min Scan# 24

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 50 Resp: 336812

Ion Ratio Lower Upper

50 100

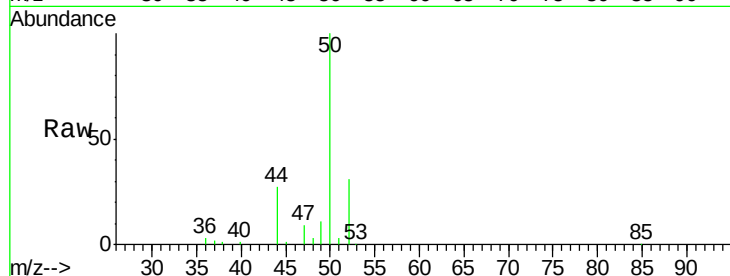
52 31.3 25.0 37.4

Manual Integrations

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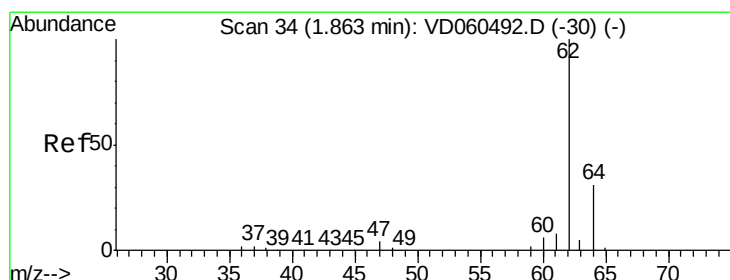
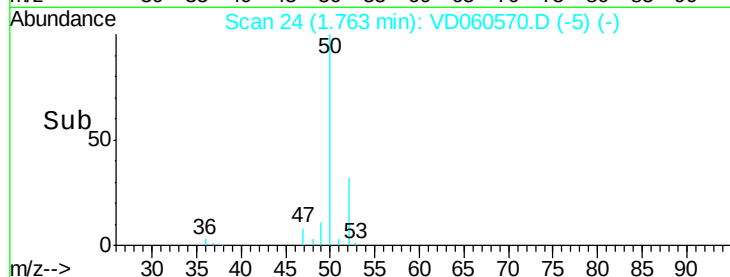
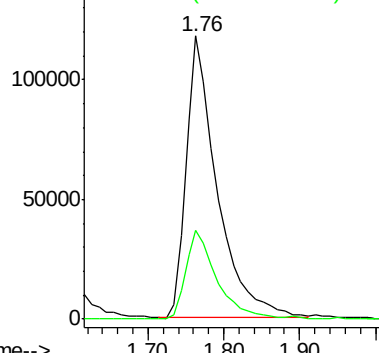
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.404 ug/l

RT: 1.86 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD060570.D

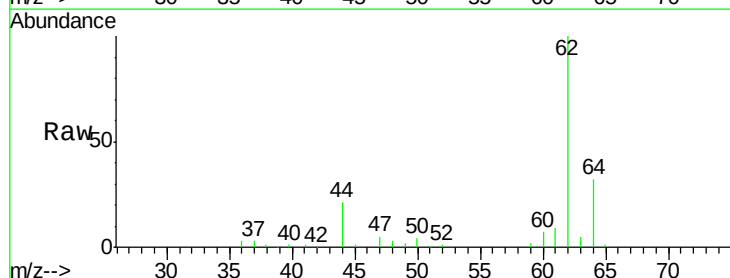
Acq: 14 Dec 2018 13:44

Tgt Ion: 62 Resp: 281040

Ion Ratio Lower Upper

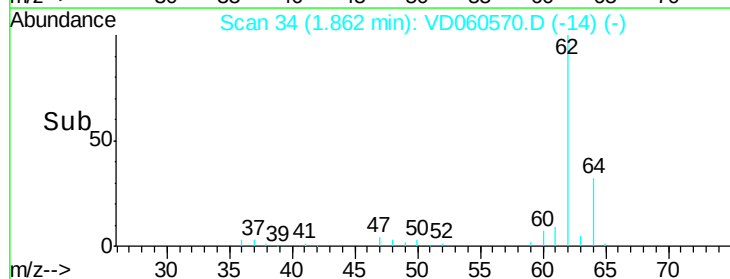
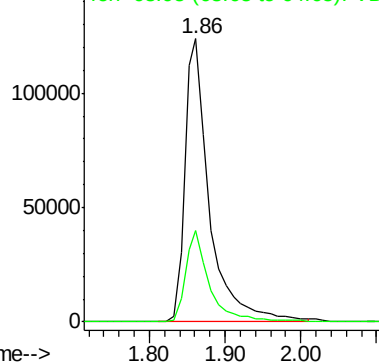
62 100

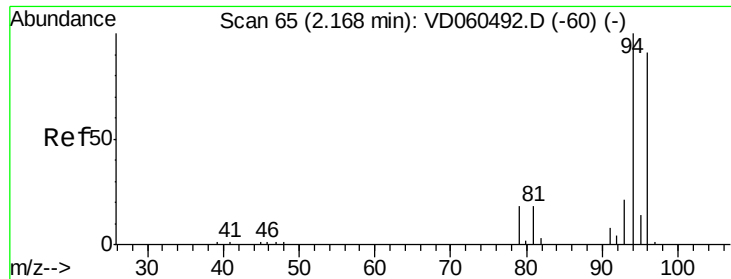
64 32.1 24.6 37.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.835 ug/l

RT: 2.15 min Scan# 63

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 94 Resp: 50573

Ion Ratio Lower Upper

94 100

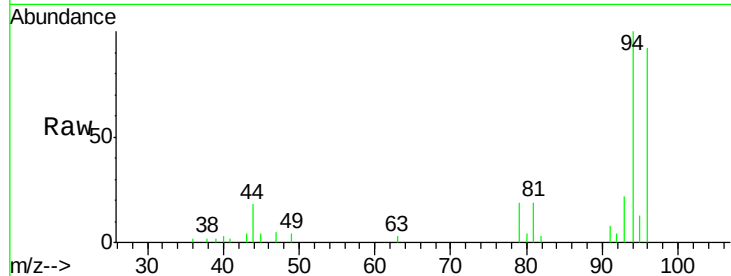
96 92.2 72.6 108.8

Manual Integrations

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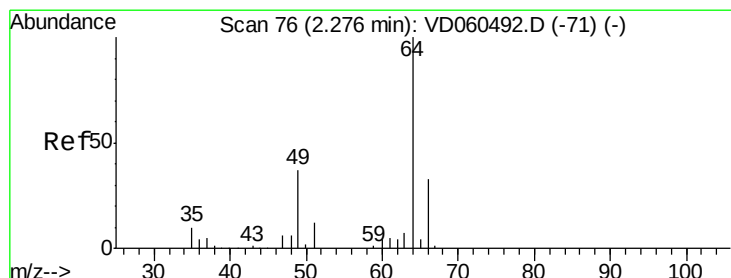
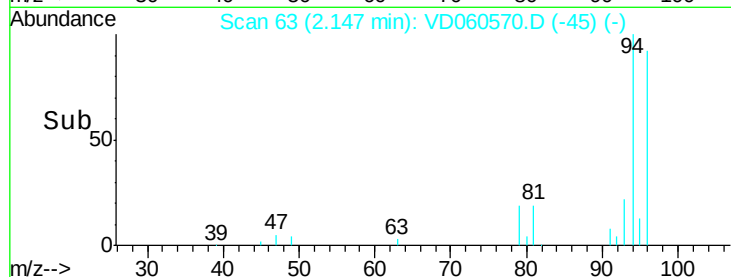
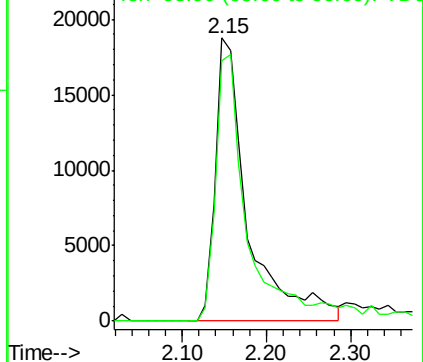
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 16.966 ug/l

RT: 2.26 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD060570.D

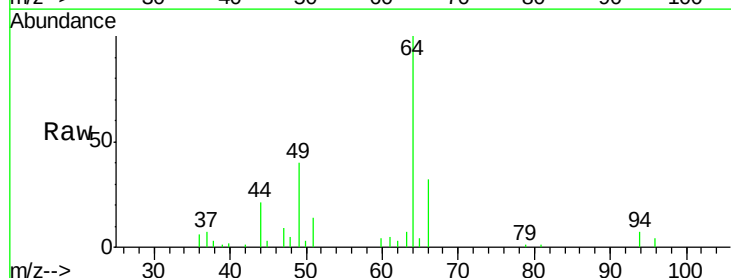
Acq: 14 Dec 2018 13:44

Tgt Ion: 64 Resp: 70490

Ion Ratio Lower Upper

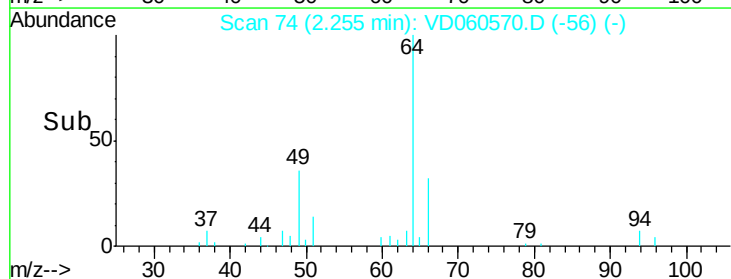
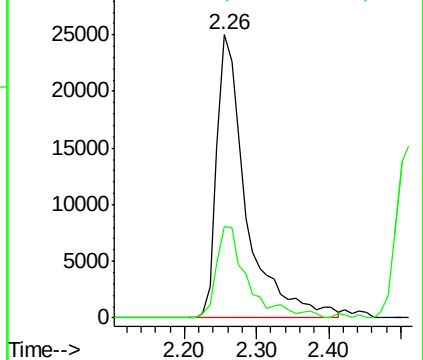
64 100

66 32.3 26.4 39.6

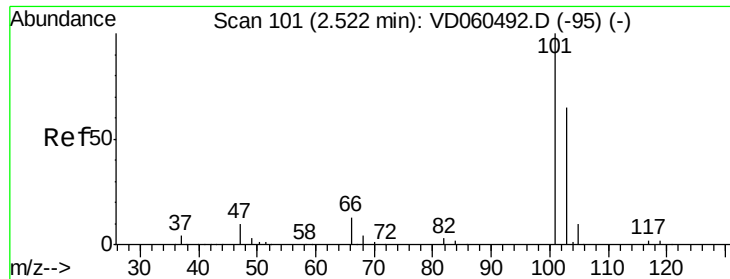


Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

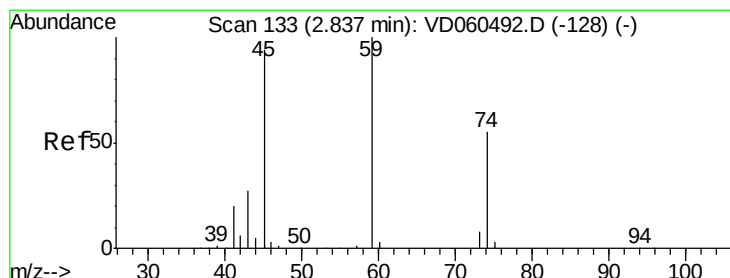
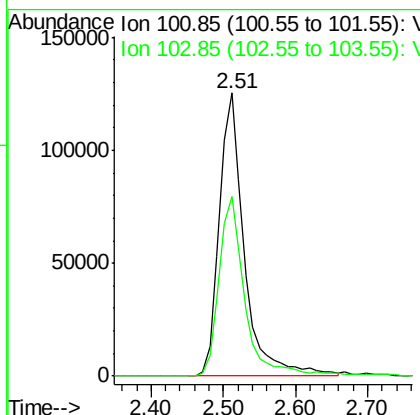
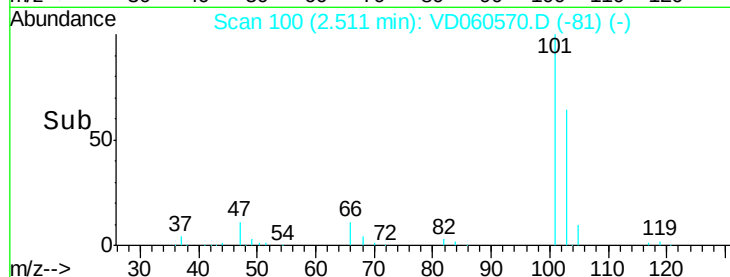
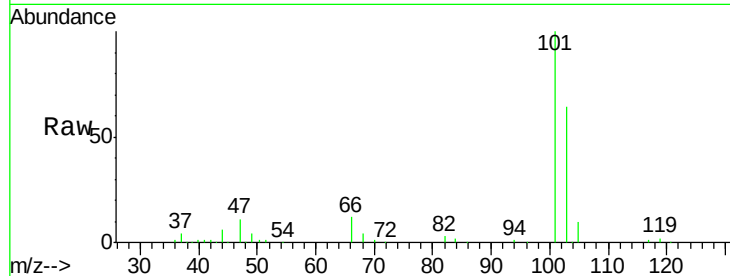
Trichlorofluoromethane  
Concen: 21.654 ug/l  
RT: 2.51 min Scan# 100  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

Tgt Ion: 101 Resp: 300231  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.8 77.8

Manual Integrations  
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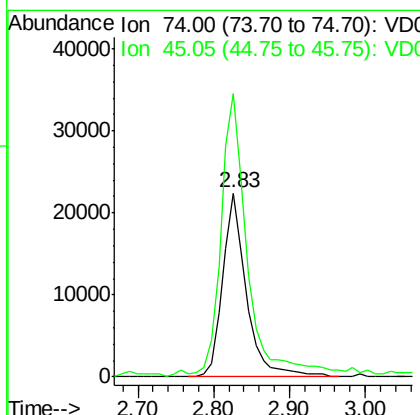
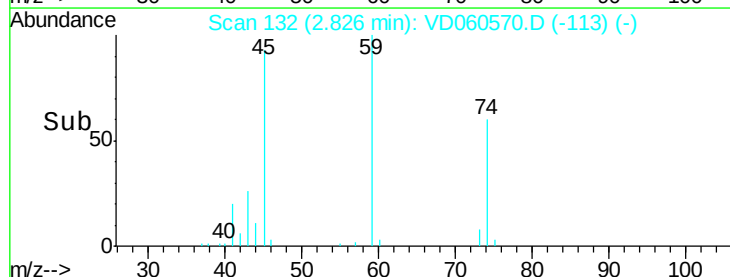
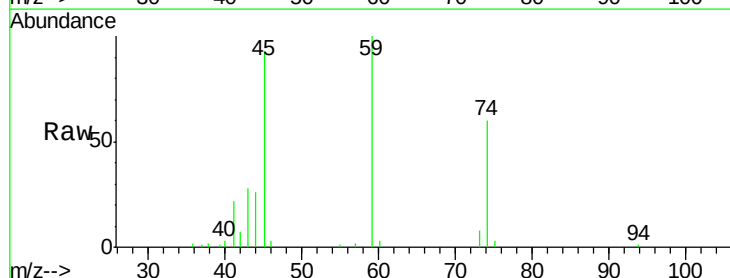
apatel  
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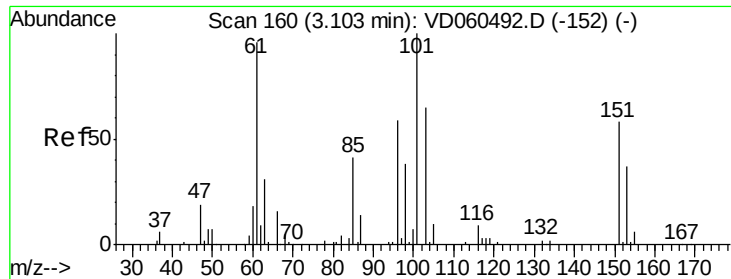
#8

Diethyl Ether  
Concen: 20.287 ug/l  
RT: 2.83 min Scan# 132  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 74 Resp: 48585  
Ion Ratio Lower Upper  
74 100  
45 154.1 86.0 258.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.987 ug/l

RT: 3.08 min Scan# 158

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

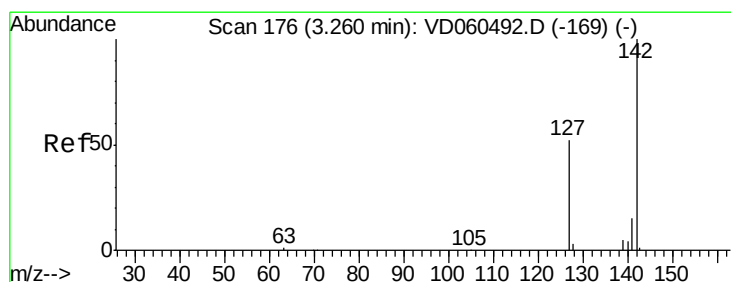
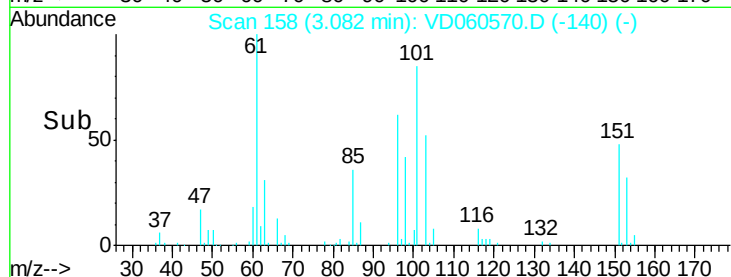
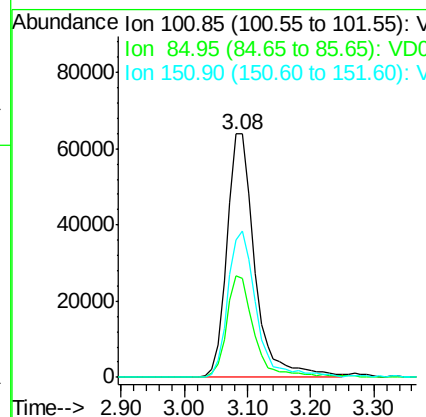
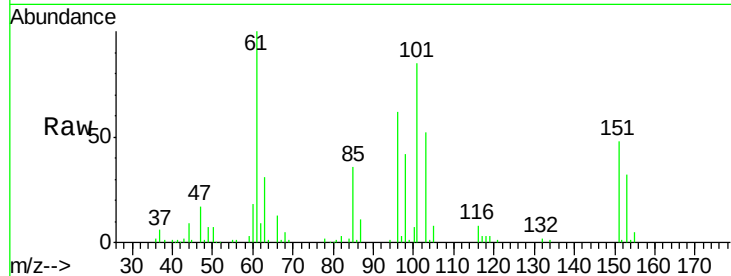
ClientSampleId :

VD1214SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 197798 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.8  | 32.7  | 49.1   |
| 151       | 56.5  | 46.6  | 69.8   |

Manual Integrations  
APPROVED

apatel  
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#10

Methyl Iodide

Concen: 21.079 ug/l

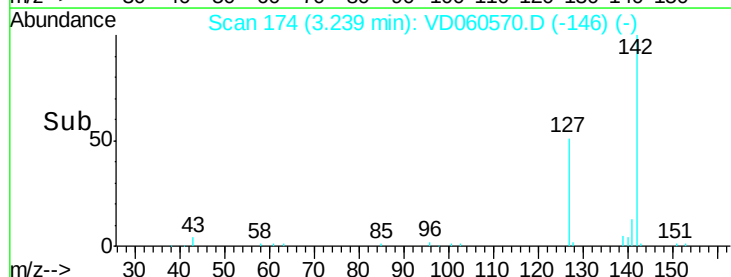
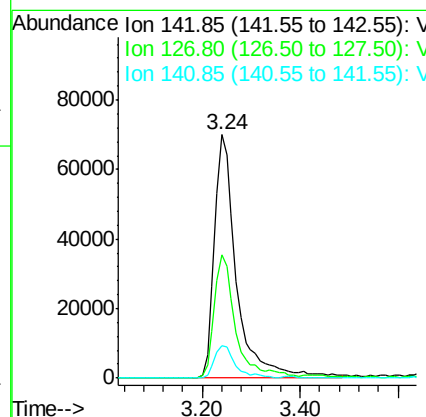
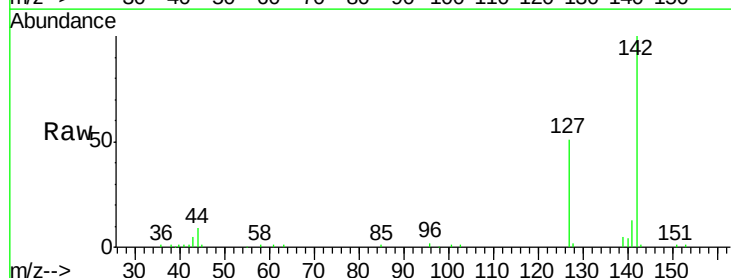
RT: 3.24 min Scan# 174

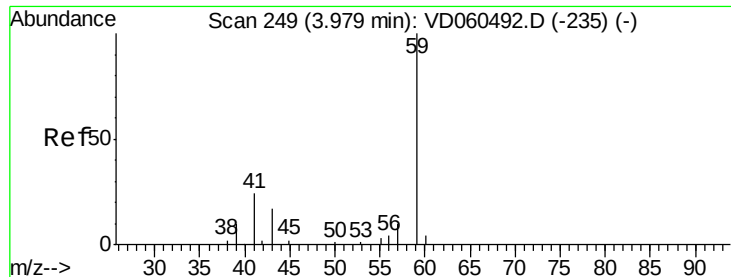
Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 221661 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 50.8  | 41.2  | 61.8   |
| 141       | 13.2  | 11.9  | 17.9   |





#11

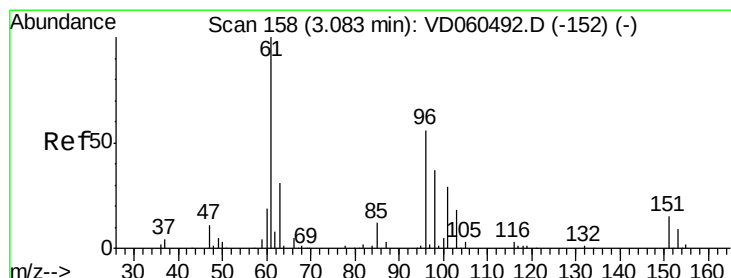
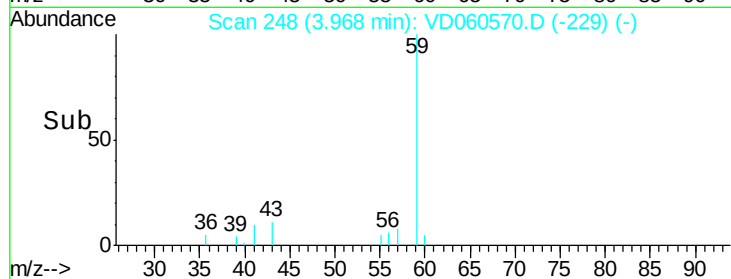
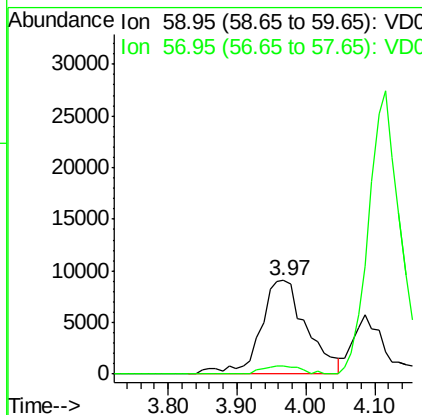
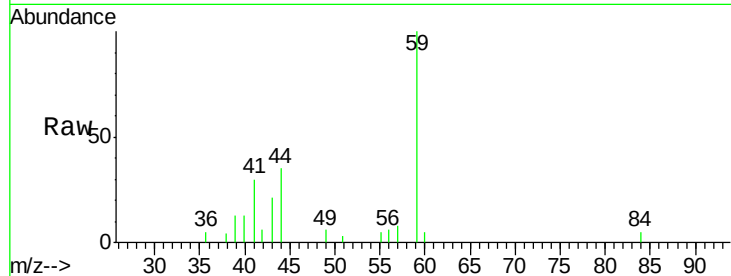
Tert butyl alcohol  
Concen: 99.825 ug/l  
RT: 3.97 min Scan# 248  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.4   | 8.1   | 12.1  |

Manual Integrations  
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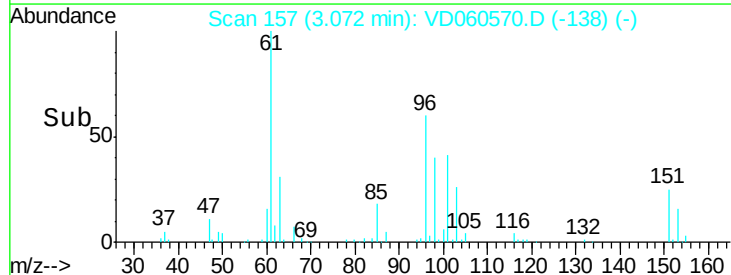
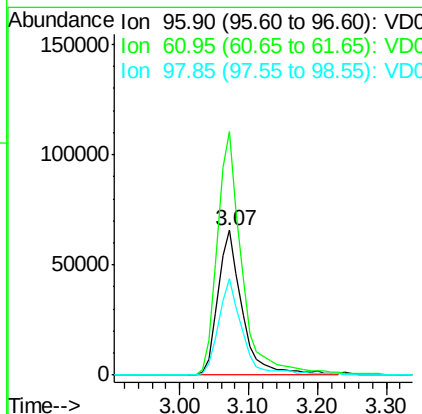
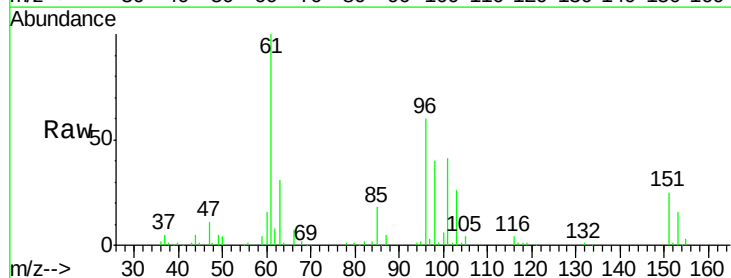
apatel  
12/15/2018 3:25:10 PM

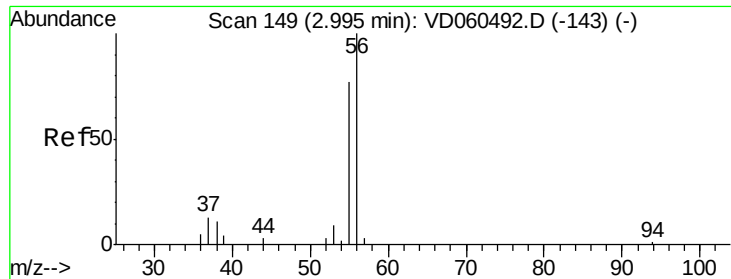


#12

1,1-Dichloroethene  
Concen: 22.117 ug/l  
RT: 3.07 min Scan# 157  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 168.0 | 143.0 | 214.4 |
| 98      | 66.7  | 53.4  | 80.0  |





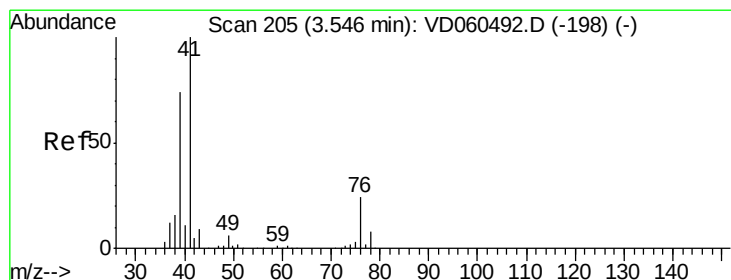
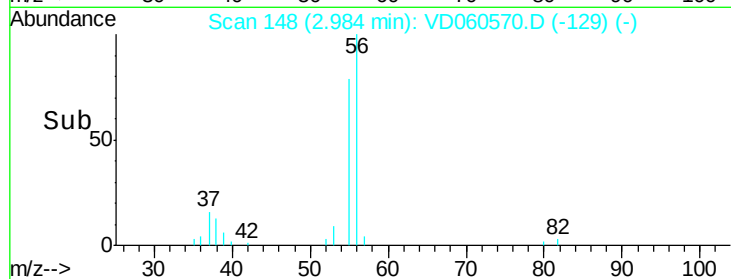
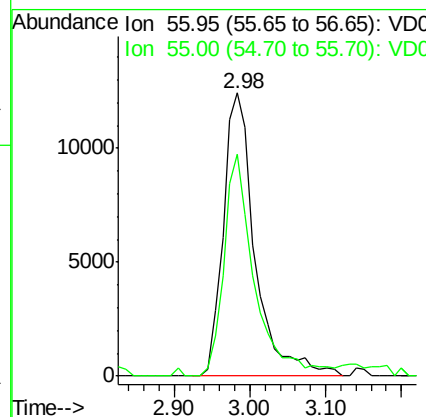
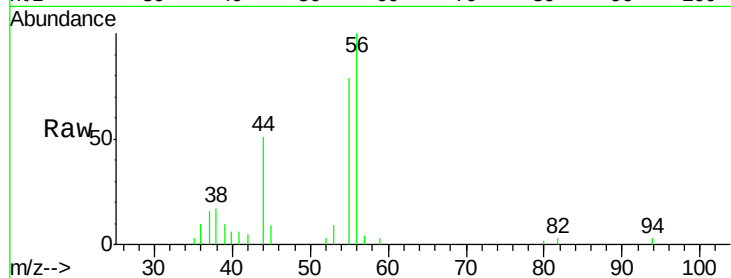
#13  
Acrolein  
Concen: 78.549 ug/l  
RT: 2.98 min Scan# 148  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

Tgt Ion: 56 Resp: 36193  
Ion Ratio Lower Upper  
56 100  
55 78.6 62.0 93.0

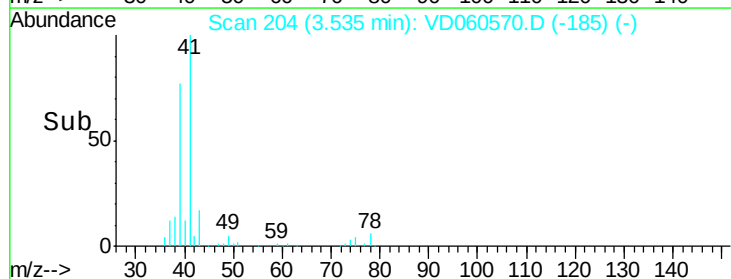
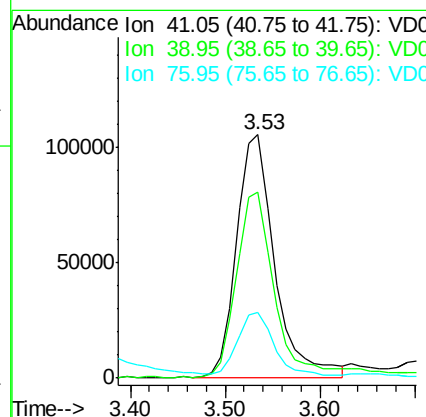
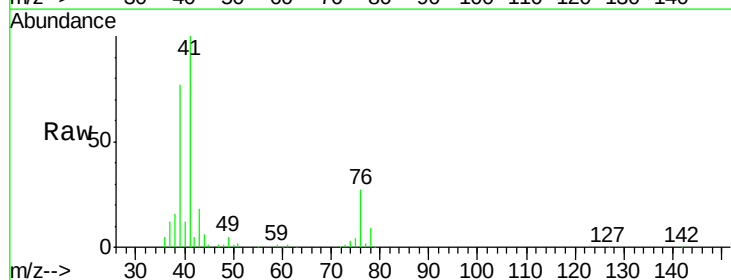
Manual Integrations  
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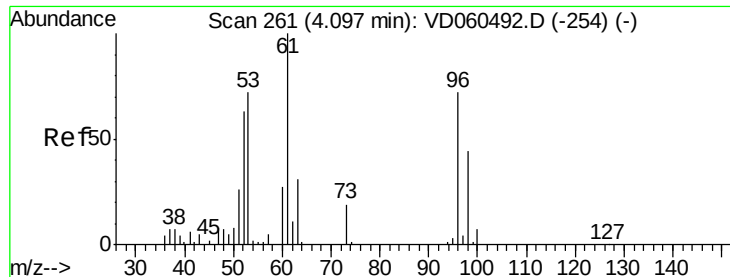
apatel  
12/15/2018 3:25:10 PM



#14  
Allyl chloride  
Concen: 21.356 ug/l  
RT: 3.53 min Scan# 204  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 41 Resp: 296567  
Ion Ratio Lower Upper  
41 100  
39 76.6 59.3 88.9  
76 26.9 21.0 31.6





#15

Acrylonitrile

Concen: 99.361 ug/l

RT: 4.08 min Scan# 259

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

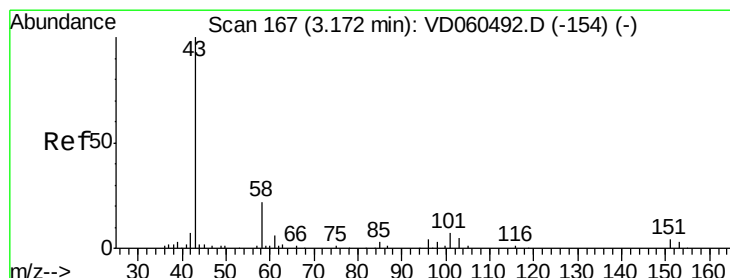
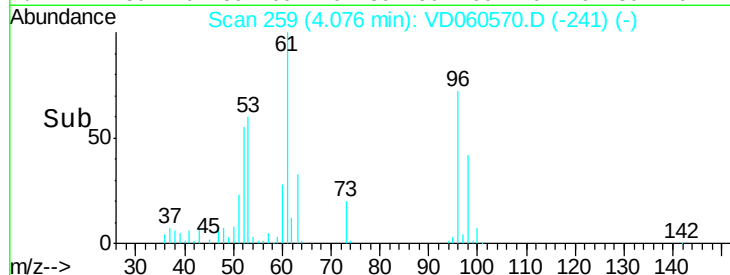
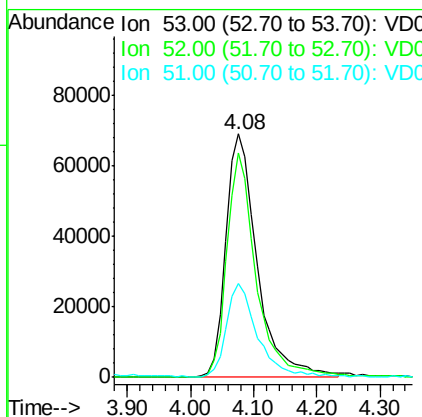
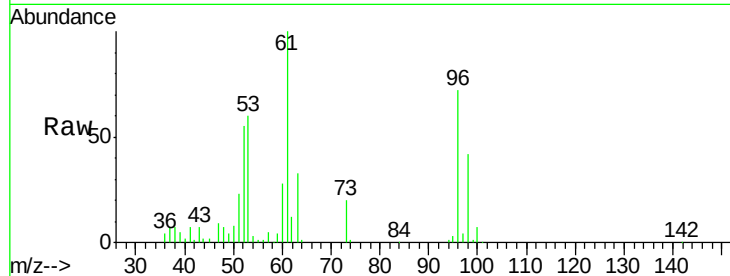
ClientSampleId :

VD1214SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 53    | Resp: | 237907 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 92.2  | 70.0  | 105.0  |
| 51        | 38.3  | 28.8  | 43.2   |

Manual Integrations  
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#16

Acetone

Concen: 91.189 ug/l

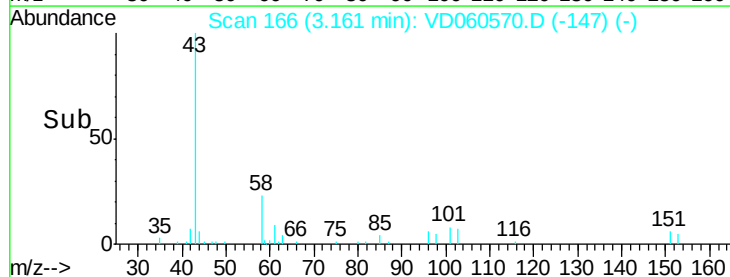
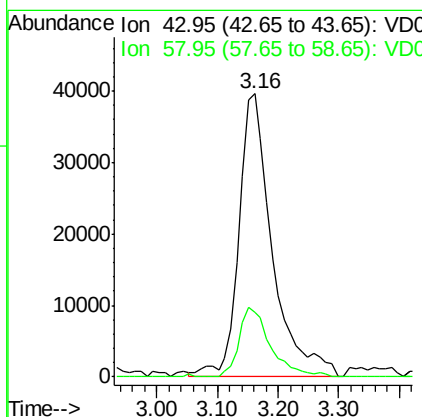
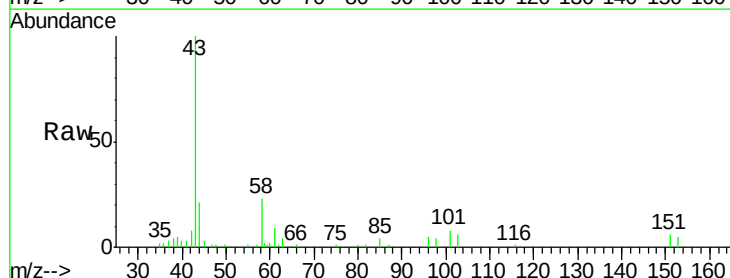
RT: 3.16 min Scan# 166

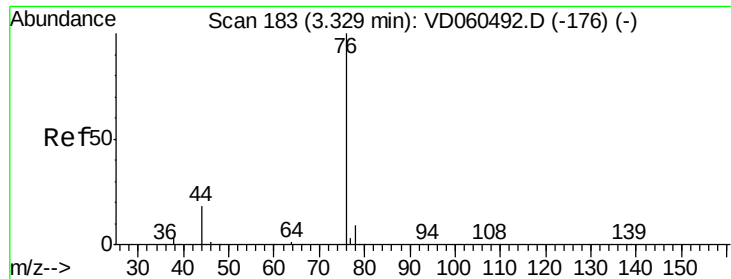
Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 151715 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 22.9  | 17.3  | 25.9   |





#17

Carbon Disulfide

Concen: 21.196 ug/l

RT: 3.31 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 76 Resp: 503951

Ion Ratio Lower Upper

76 100

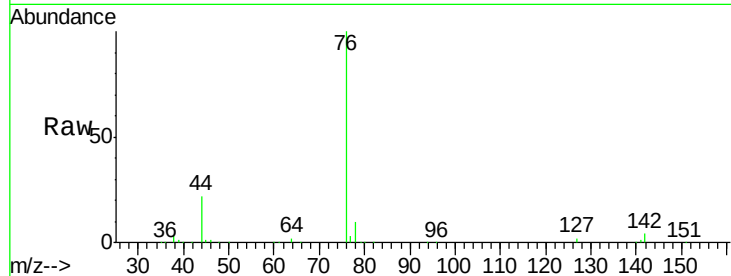
78 9.6 7.0 10.6

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Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.31

200000

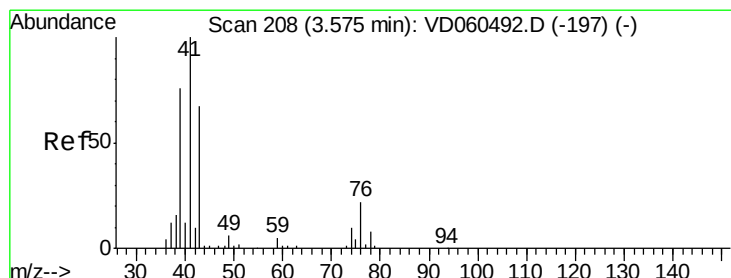
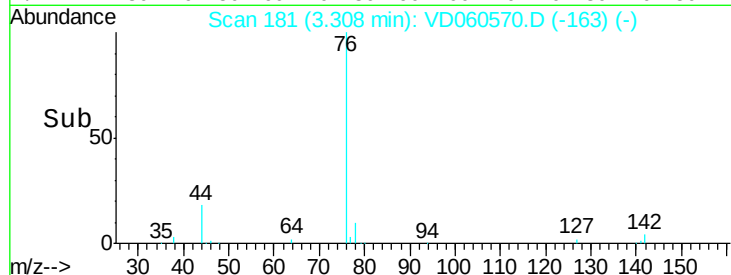
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.672 ug/l

RT: 3.55 min Scan# 206

Delta R.T. -0.02 min

Lab File: VD060570.D

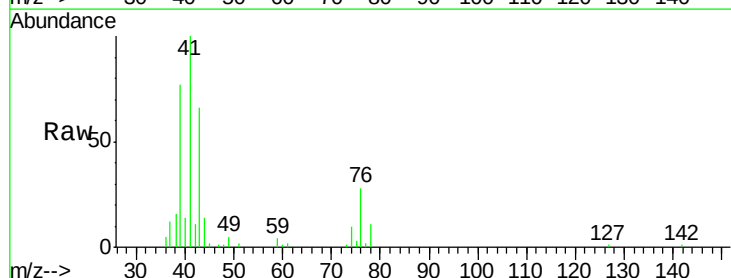
Acq: 14 Dec 2018 13:44

Tgt Ion: 43 Resp: 73830

Ion Ratio Lower Upper

43 100

74 14.9 12.0 18.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.55

30000

25000

20000

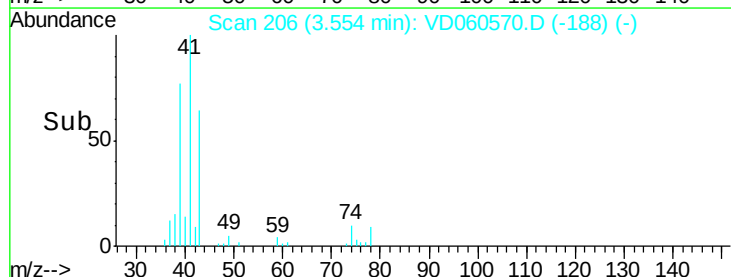
15000

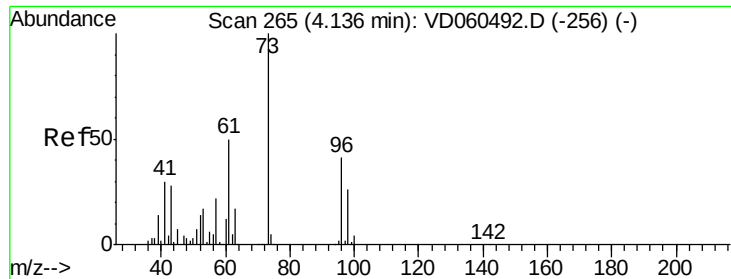
10000

5000

0

Time-->





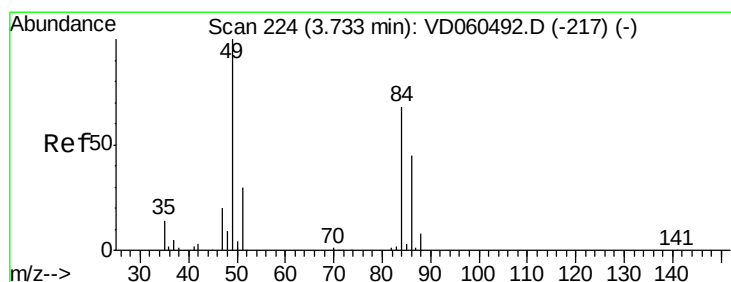
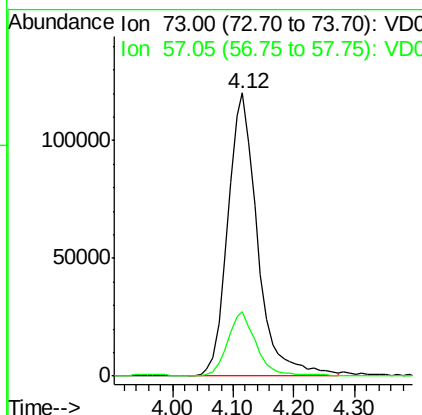
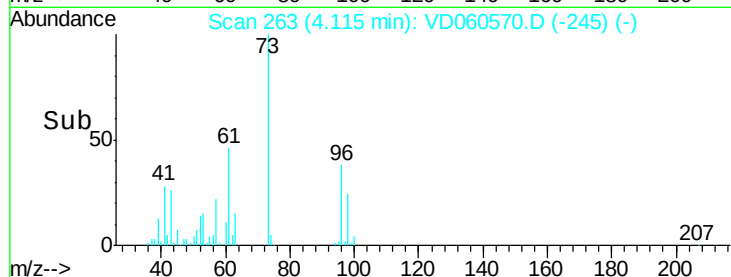
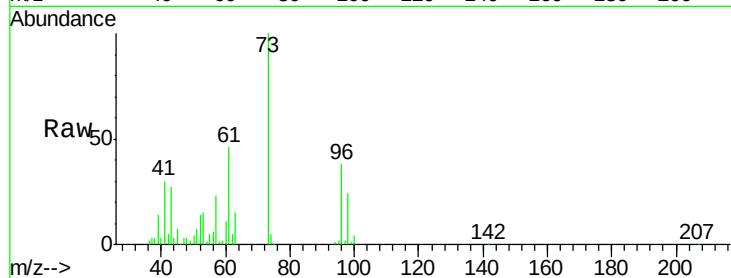
#19  
Methyl tert-butyl Ether  
Concen: 20.198 ug/l  
RT: 4.12 min Scan# 263  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

Tgt Ion: 73 Resp: 409975  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.8 26.6

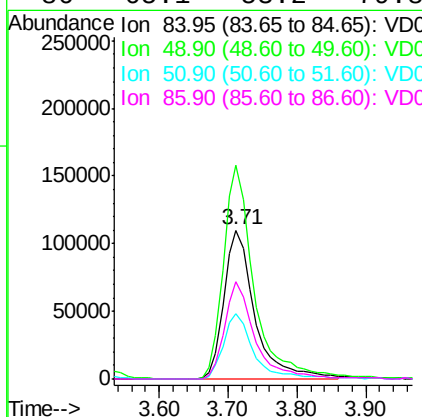
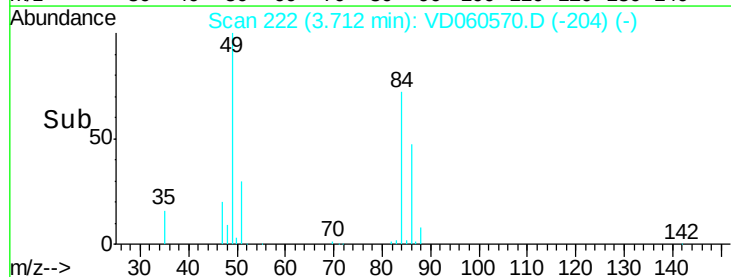
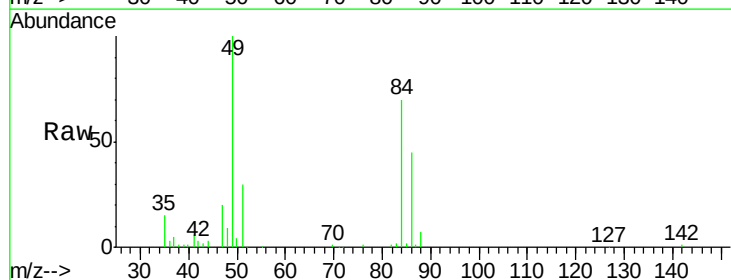
Manual Integrations  
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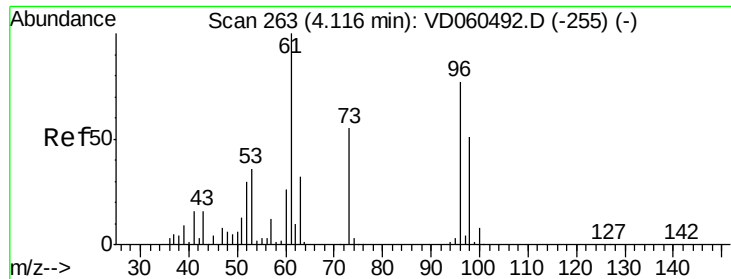
apatel  
12/15/2018 3:25:10 PM



#20  
Methylene Chloride  
Concen: 19.673 ug/l  
RT: 3.71 min Scan# 222  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 84 Resp: 341977  
Ion Ratio Lower Upper  
84 100  
49 143.5 117.2 175.8  
51 43.6 35.3 52.9  
86 65.1 53.2 79.8





#21

trans-1,2-Dichloroethene

Concen: 21.090 ug/l

RT: 4.10 min Scan# 261

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 96 Resp: 335788

Ion Ratio Lower Upper

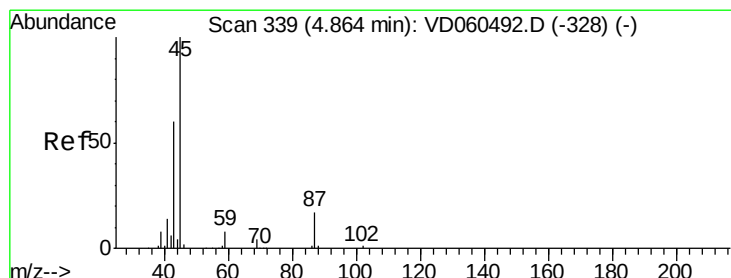
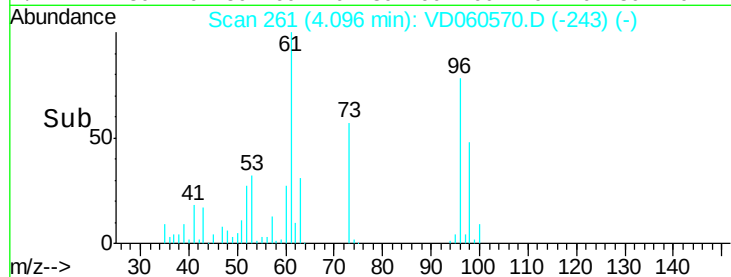
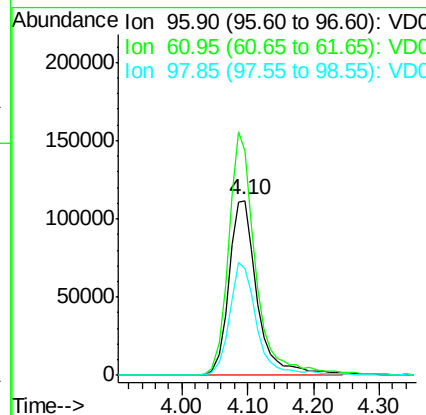
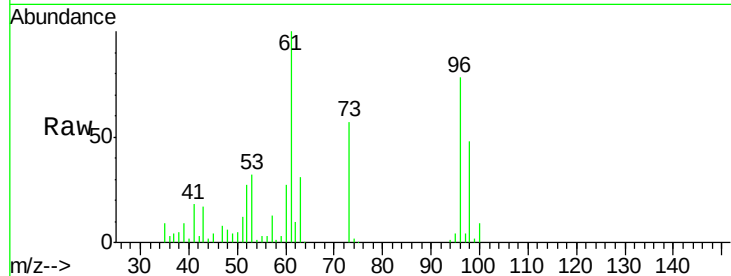
96 100

61 128.3 104.2 156.4

98 61.1 52.8 79.2

Manual Integrations  
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12/15/2018 3:25:10 PM



#22

Diisopropyl ether

Concen: 20.220 ug/l

RT: 4.84 min Scan# 337

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Tgt Ion: 45 Resp: 1008181

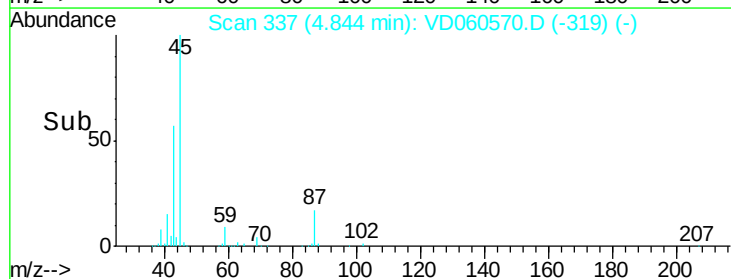
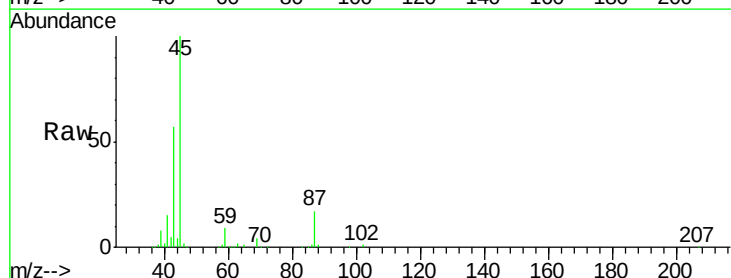
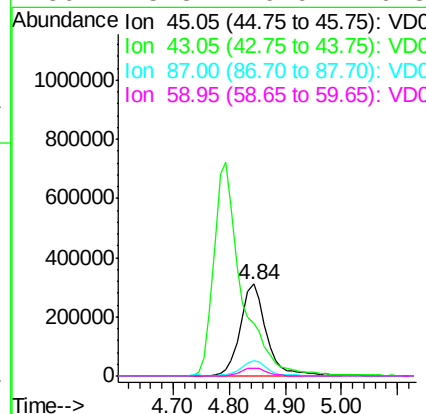
Ion Ratio Lower Upper

45 100

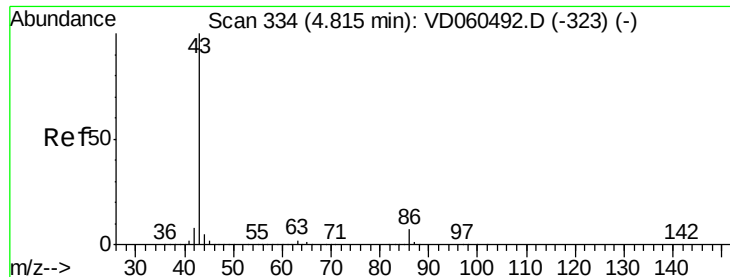
43 57.4 48.6 73.0

87 16.5 14.0 21.0

59 8.8 6.9 10.3







#23

Vinyl Acetate

Concen: 100.818 ug/l

RT: 4.79 min Scan# 332

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 43 Resp: 2490556

Ion Ratio Lower Upper

43 100

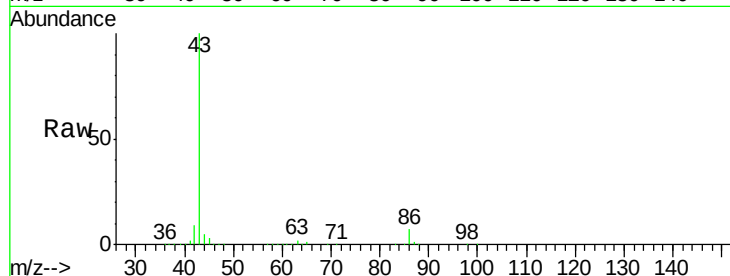
86 7.0 5.5 8.3

Manual Integrations

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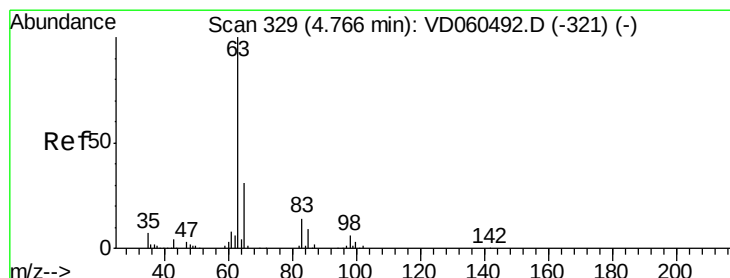
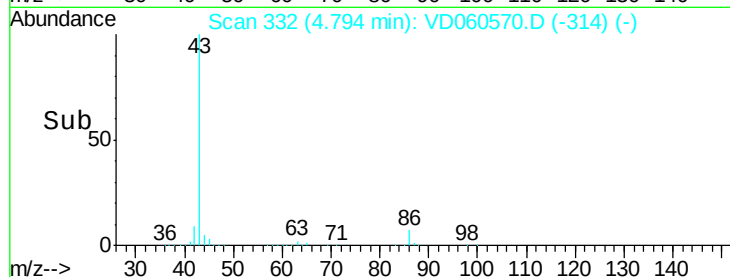
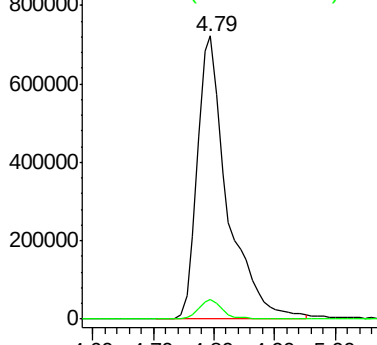
apatel

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.847 ug/l

RT: 4.75 min Scan# 327

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

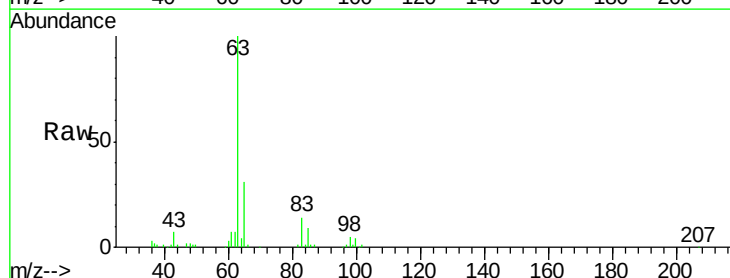
Tgt Ion: 63 Resp: 539984

Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

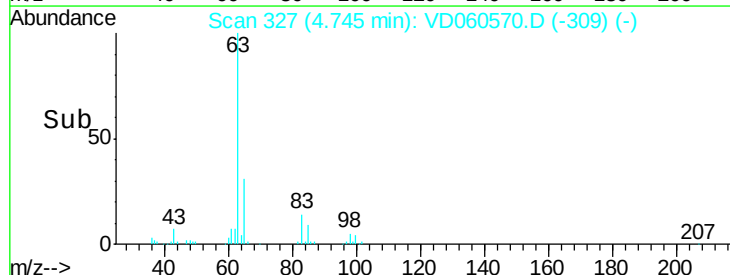
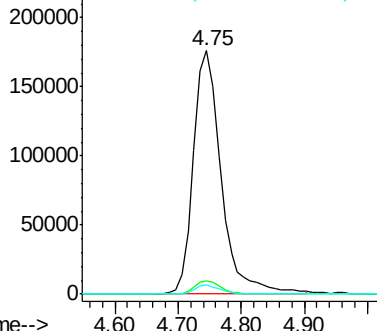
100 3.8 1.7 5.1

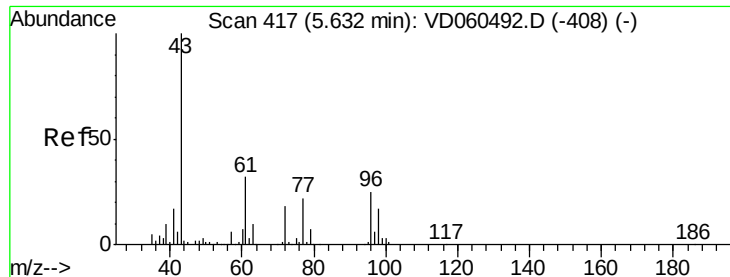


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 95.287 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.03 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 43 Resp: 311898

Ion Ratio Lower Upper

43 100

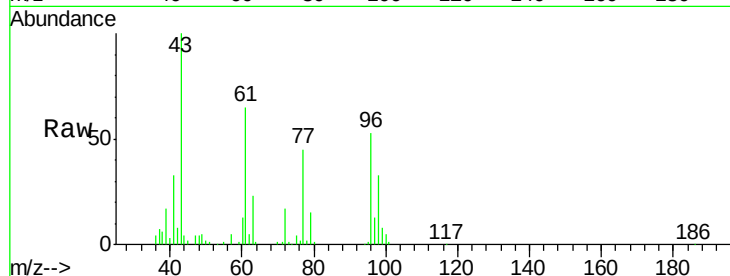
72 17.3 14.6 21.8

Manual Integrations

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

120000

100000

80000

60000

40000

20000

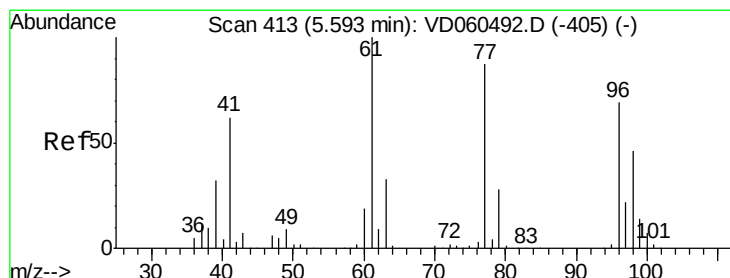
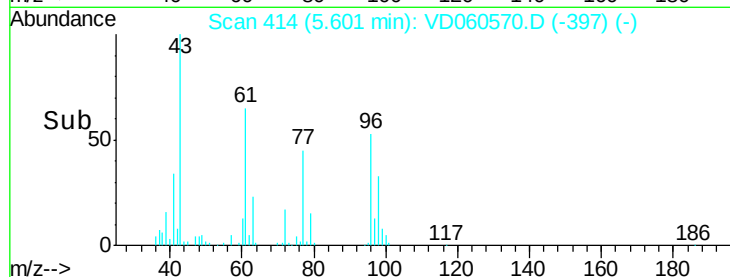
0

5.50

5.60

5.70

Time-->



#26

2,2-Dichloropropane

Concen: 21.306 ug/l

RT: 5.57 min Scan# 411

Delta R.T. -0.02 min

Lab File: VD060570.D

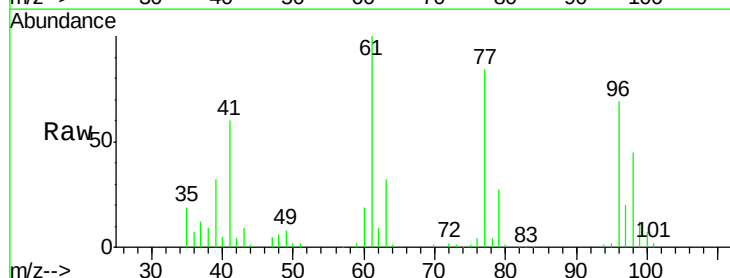
Acq: 14 Dec 2018 13:44

Tgt Ion: 77 Resp: 426334

Ion Ratio Lower Upper

77 100

97 24.1 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

150000

100000

50000

0

5.40

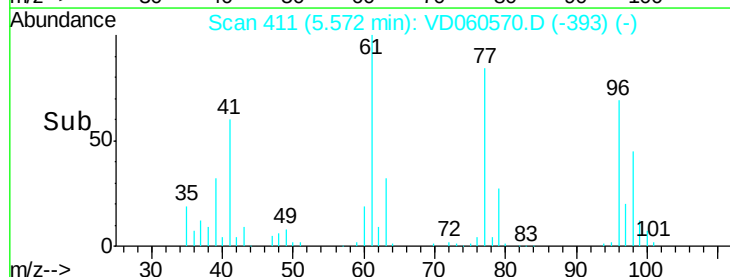
5.50

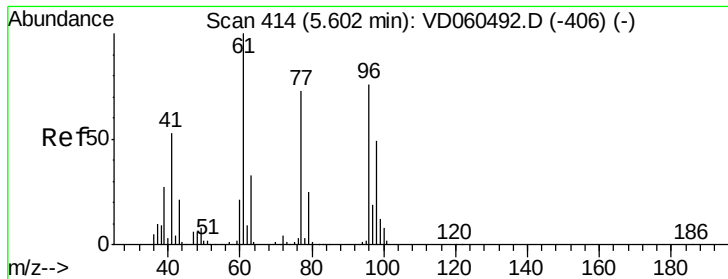
5.60

5.70

5.80

Time-->





#27

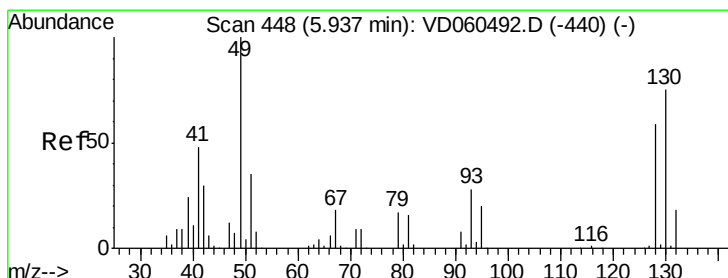
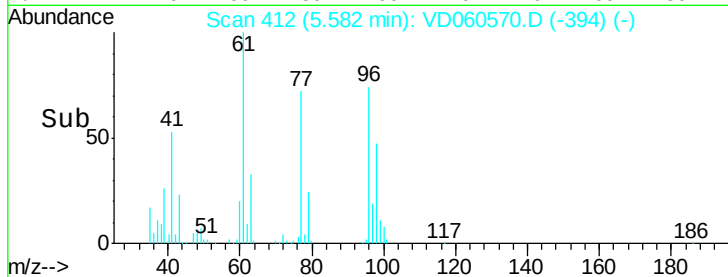
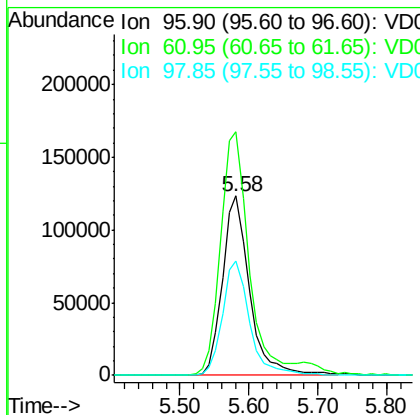
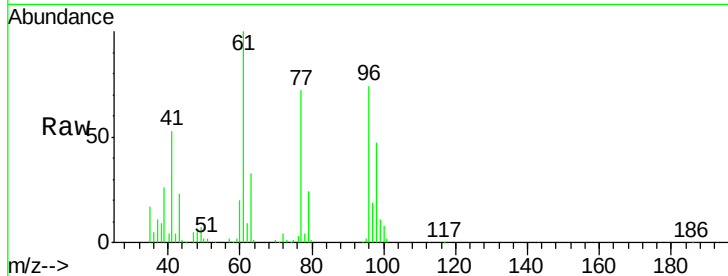
cis-1,2-Dichloroethene  
Concen: 20.794 ug/l  
RT: 5.58 min Scan# 412  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 336631 |       |       |
| 61      | 135.8 | 0.0    | 263.6 |       |
| 98      | 63.7  | 0.0    | 128.2 |       |

Manual Integrations  
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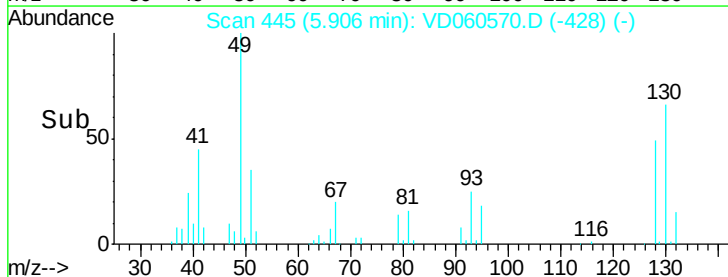
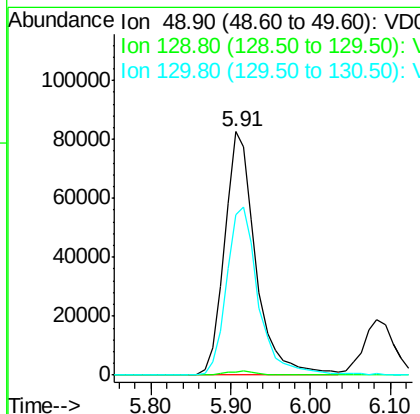
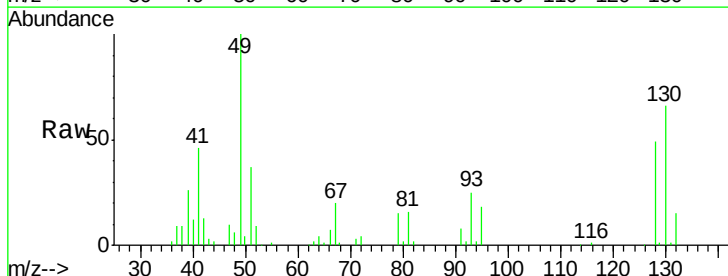
apatel  
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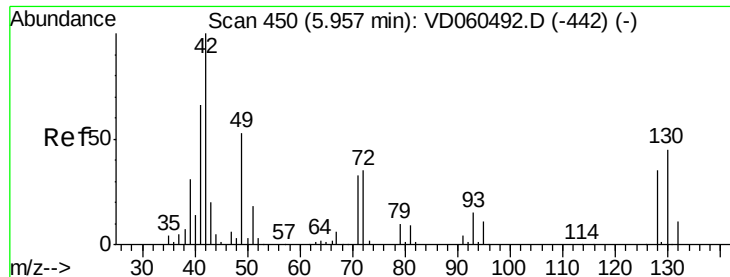


#28

Bromochloromethane  
Concen: 19.721 ug/l  
RT: 5.91 min Scan# 445  
Delta R.T. -0.03 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 226292 |       |       |
| 129     | 1.3   | 0.0    | 3.4   |       |
| 130     | 65.9  | 59.8   | 89.6  |       |





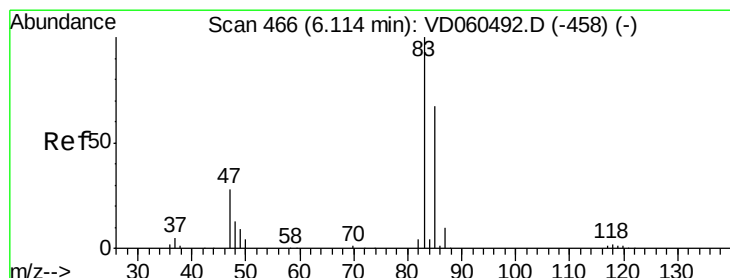
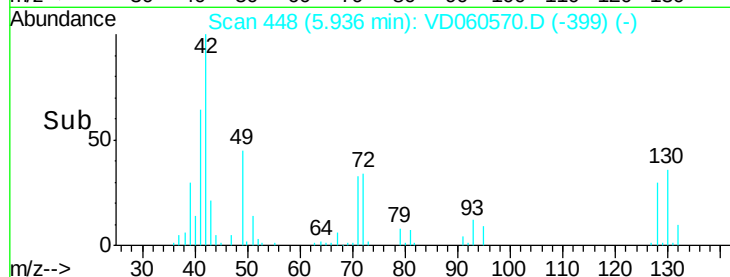
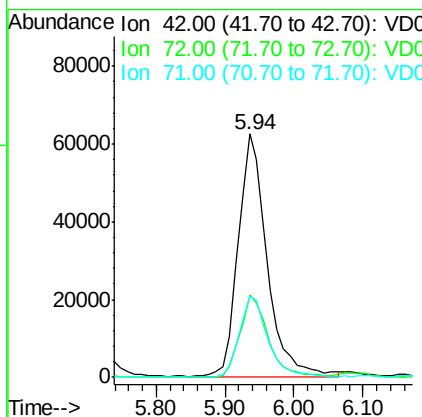
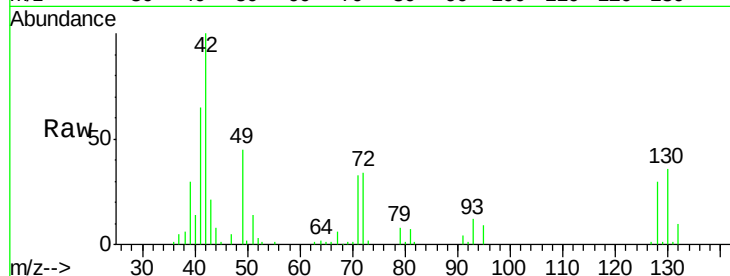
#29  
Tetrahydrofuran  
Concen: 98.734 ug/l  
RT: 5.94 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 33.1  | 28.0  | 42.0  |
| 71      | 32.7  | 27.2  | 40.8  |

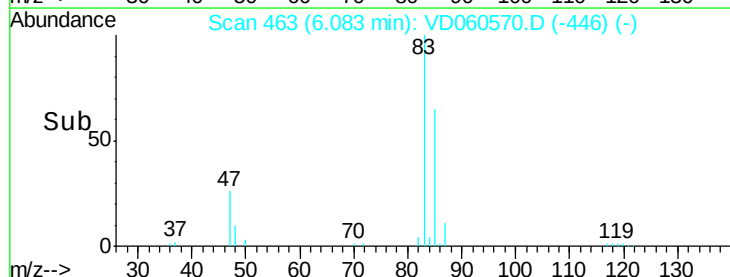
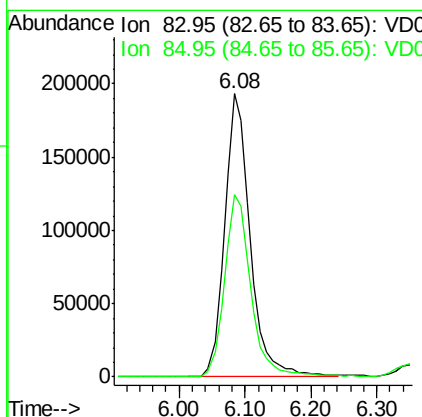
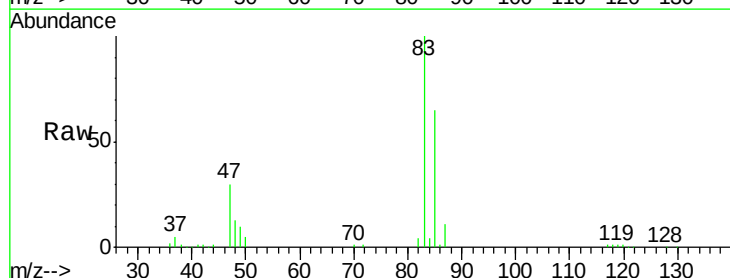
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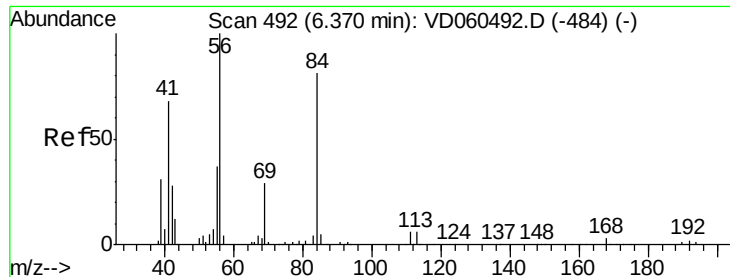
apatel  
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#30  
Chloroform  
Concen: 20.025 ug/l  
RT: 6.08 min Scan# 463  
Delta R.T. -0.03 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 53.4  | 80.2  |





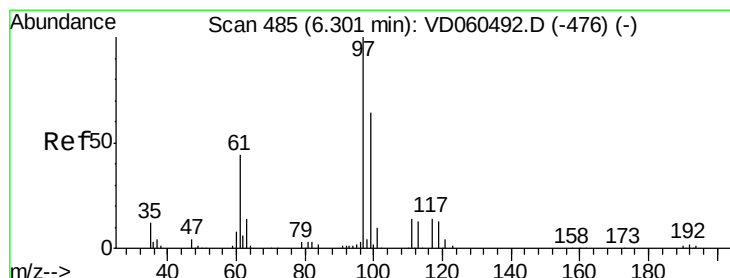
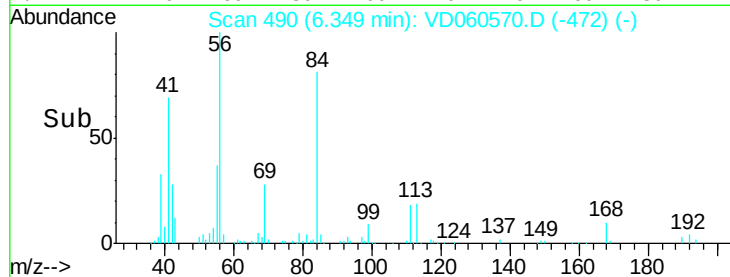
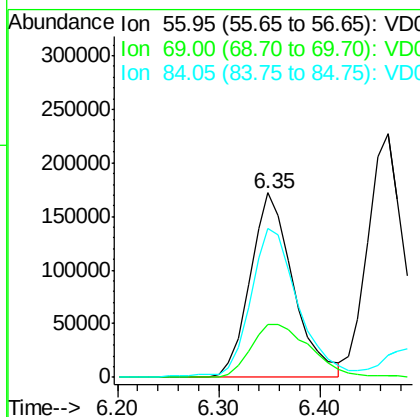
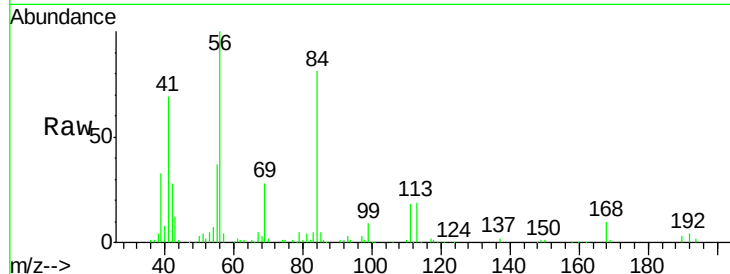
#31  
Cyclohexane  
Concen: 20.785 ug/l  
RT: 6.35 min Scan# 490  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.3  | 22.8  | 34.2  |
| 84      | 80.6  | 65.1  | 97.7  |

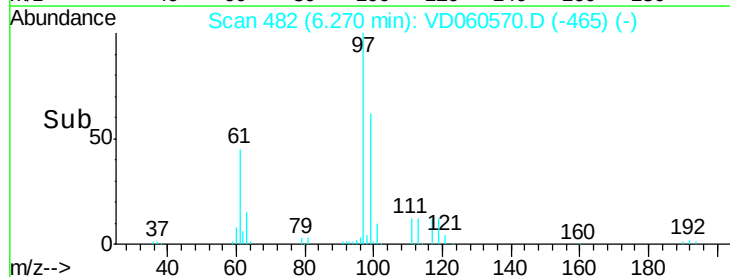
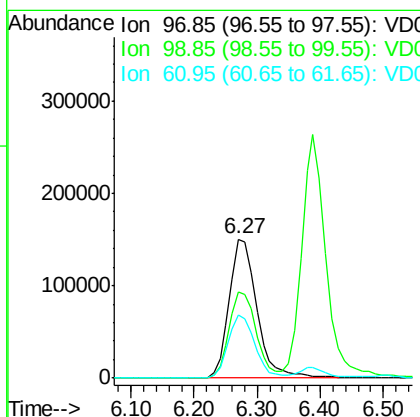
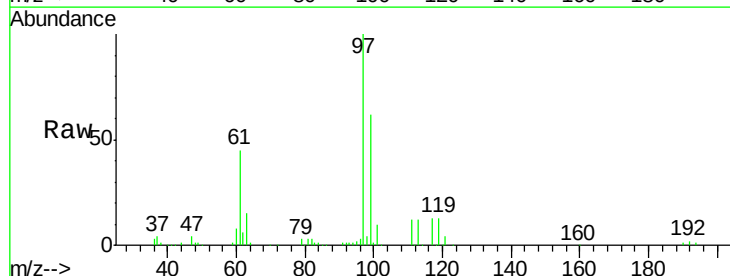
Manual Integrations  
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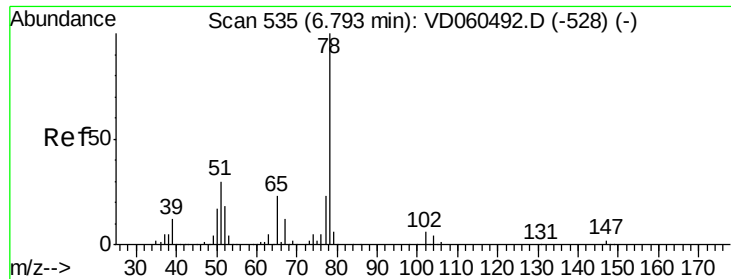
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#32  
1,1,1-Trichloroethane  
Concen: 21.273 ug/l  
RT: 6.27 min Scan# 482  
Delta R.T. -0.03 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.4  | 51.0  | 76.4  |
| 61      | 45.0  | 35.3  | 52.9  |





#33

1,2-Dichloroethane-d4

Concen: 21.273 ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 65 Resp: 518262

Ion Ratio Lower Upper

65 100

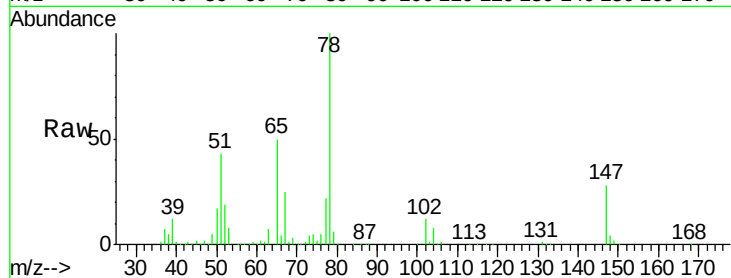
67 51.3 0.0 106.8

Manual Integrations

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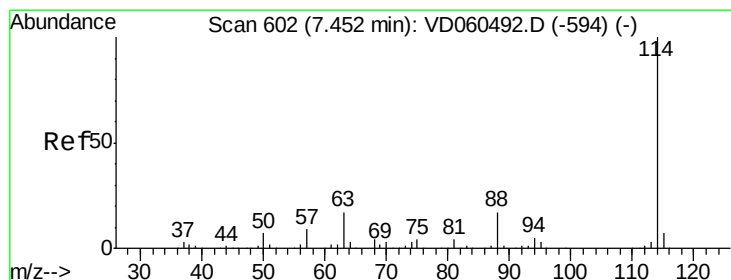
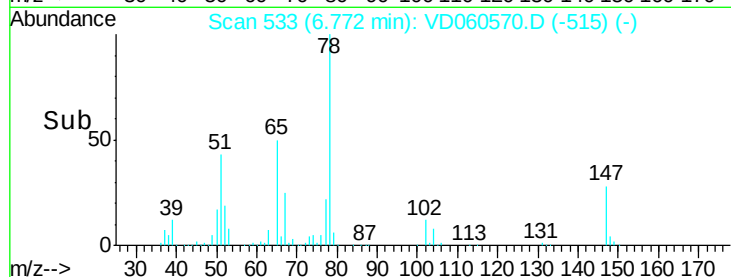
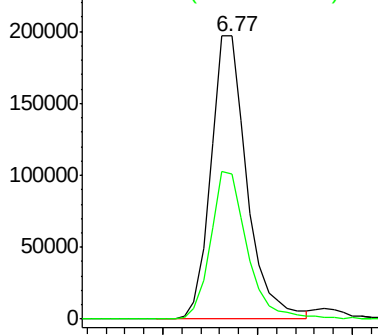
apatel

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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

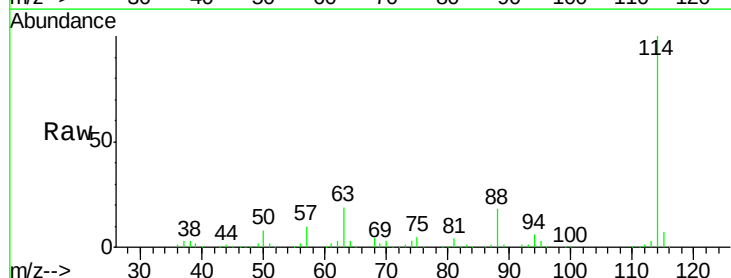
Tgt Ion: 114 Resp: 2009321

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.2

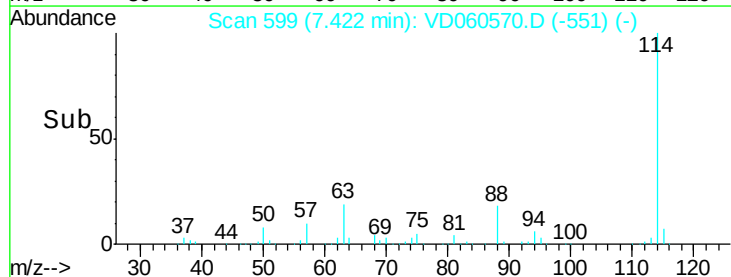
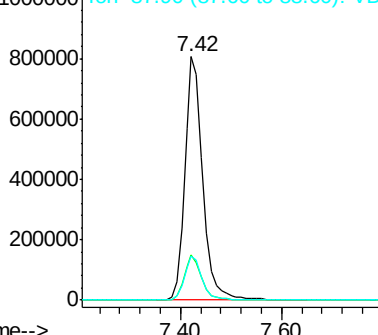
88 18.2 0.0 35.0

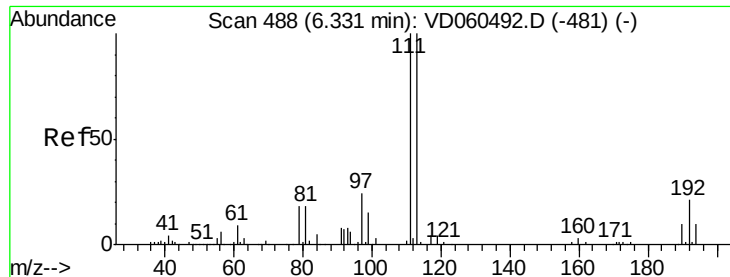


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





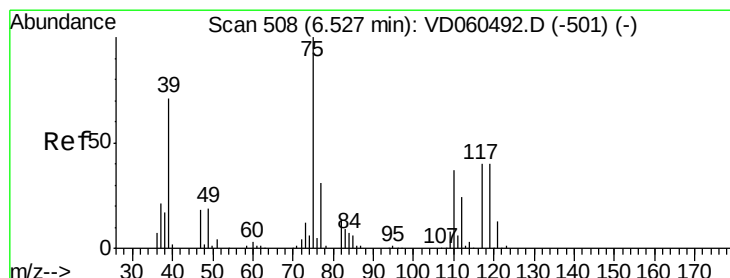
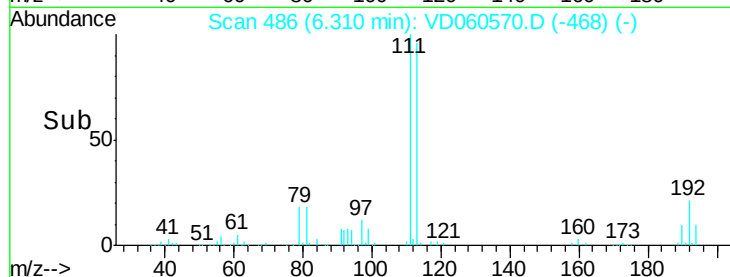
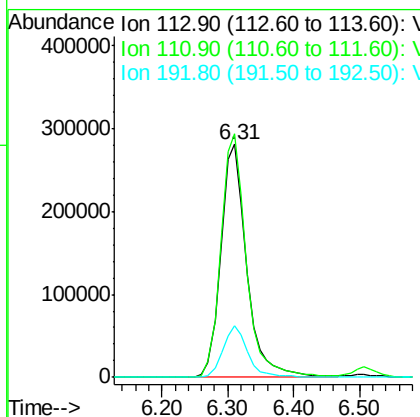
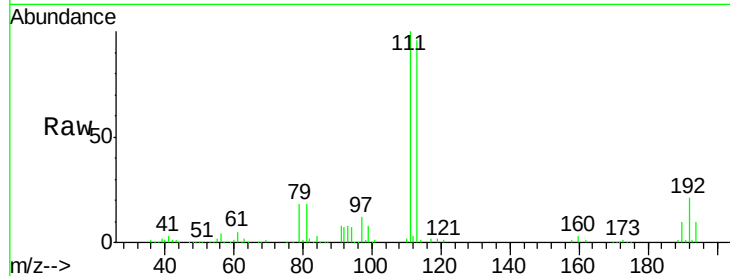
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.31 min Scan# 486  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 771133 |       |       |
| 111     | 104.6 | 80.2   | 120.4 |       |
| 192     | 22.1  | 16.6   | 24.8  |       |

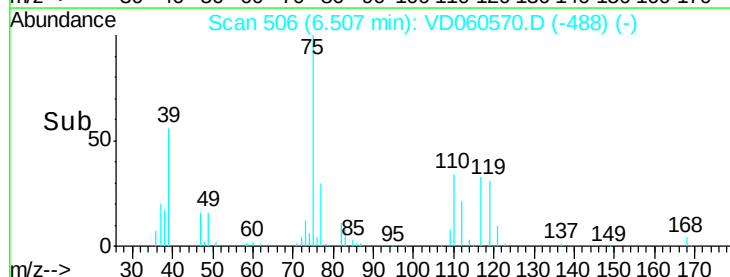
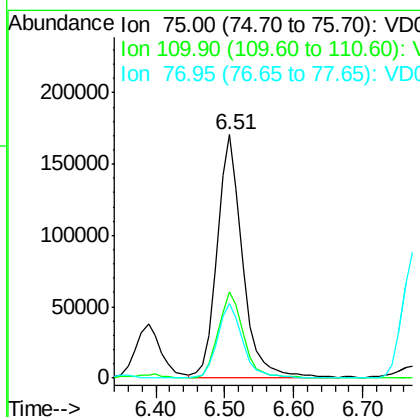
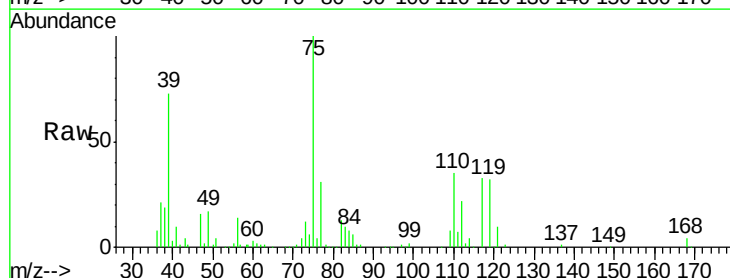
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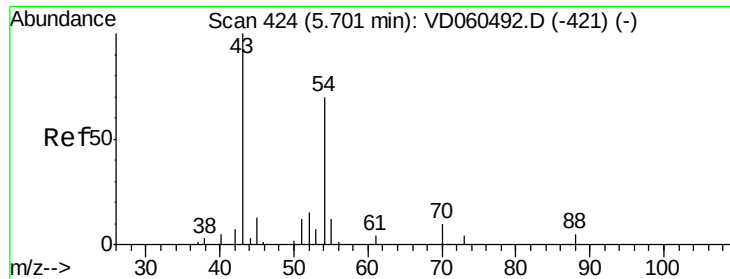
apatel  
 12/15/2018 3:25:10 PM



#36  
 1,1-Dichloropropene  
 Concen: 21.799 ug/l  
 RT: 6.51 min Scan# 506  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 428145 |       |       |
| 110     | 35.2  | 18.3   | 54.8  |       |
| 77      | 30.7  | 24.6   | 37.0  |       |





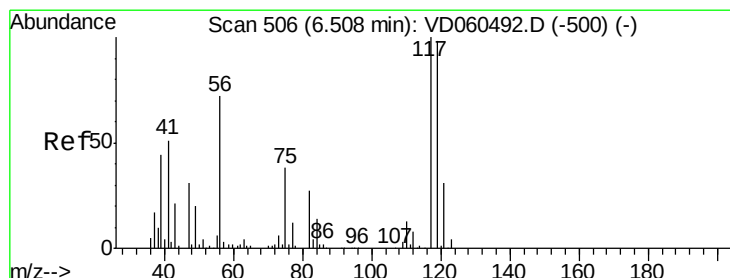
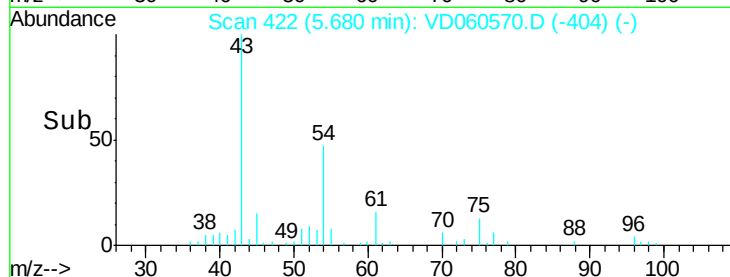
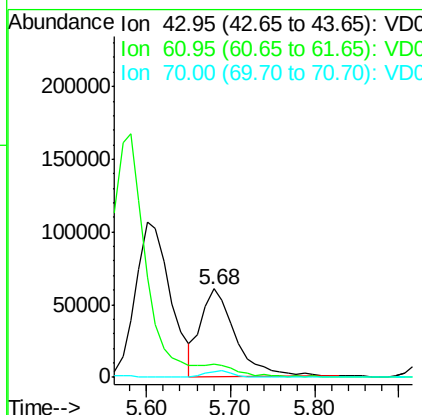
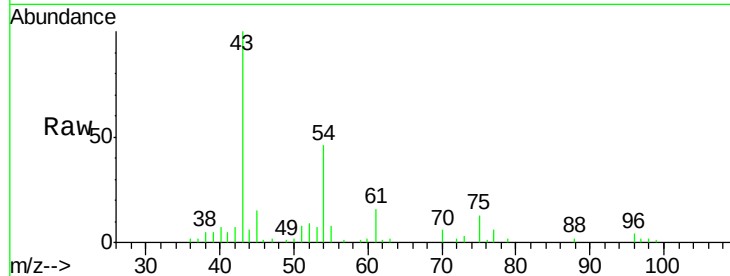
#37  
Ethyl Acetate  
Concen: 19.997 ug/l  
RT: 5.68 min Scan# 422  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 12.4  | 18.6  |
| 70      | 5.7   | 5.4   | 8.0   |

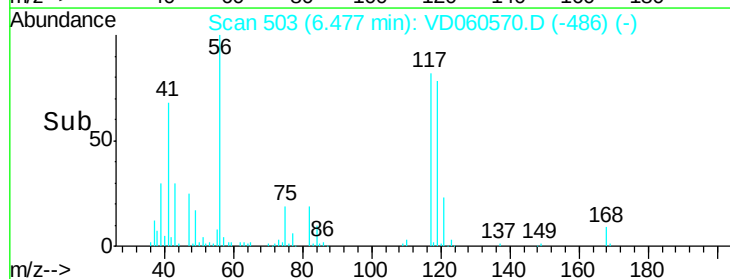
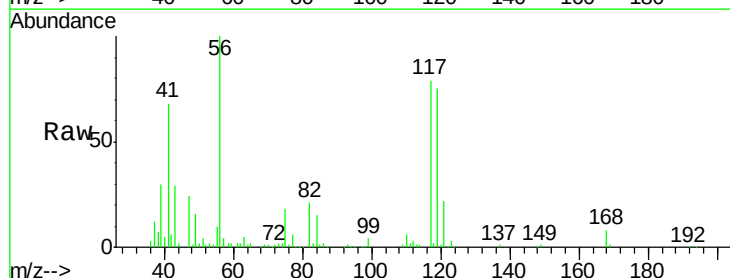
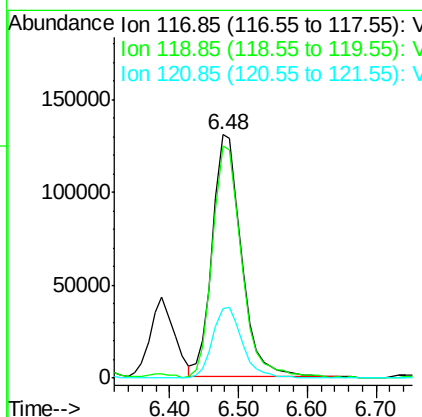
Manual Integrations  
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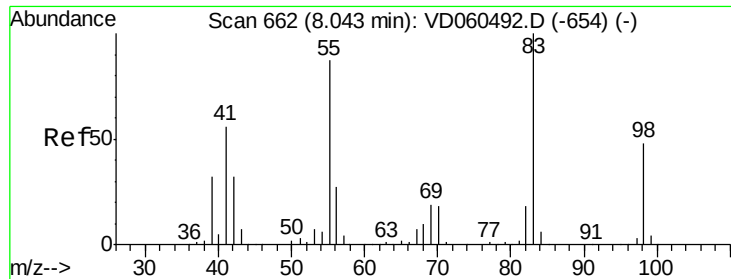


#38  
Carbon Tetrachloride  
Concen: 21.753 ug/l  
RT: 6.48 min Scan# 503  
Delta R.T. -0.03 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 76.8  | 115.2 |
| 121     | 28.4  | 24.4  | 36.6  |







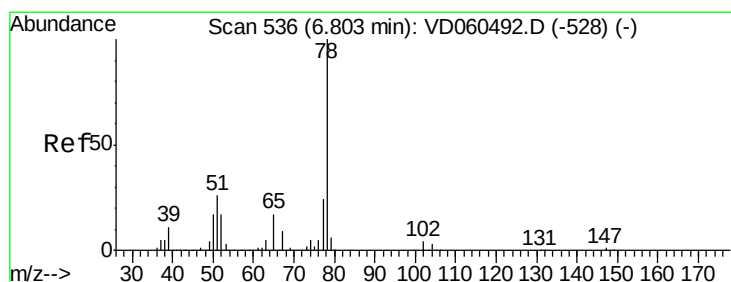
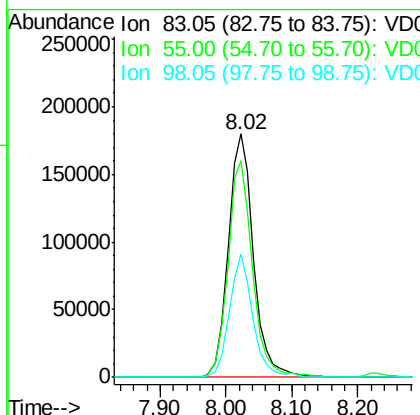
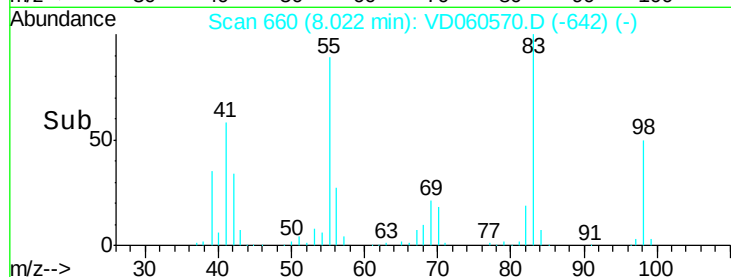
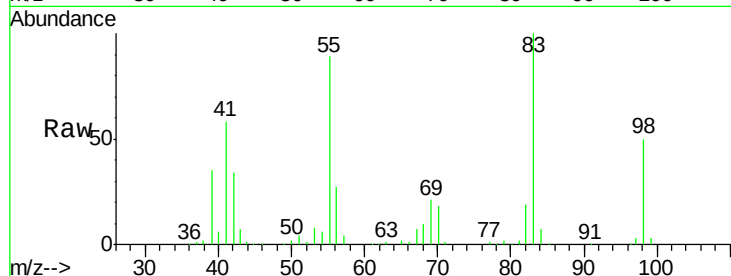
#39  
Methylcyclohexane  
Concen: 21.539 ug/l  
RT: 8.02 min Scan# 660  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 482252 |       |       |
| 55      | 89.0  | 69.8   | 104.8 |       |
| 98      | 50.4  | 38.4   | 57.6  |       |

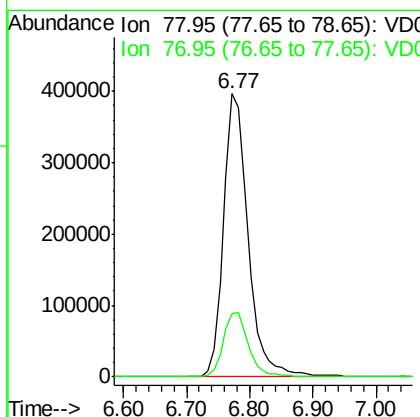
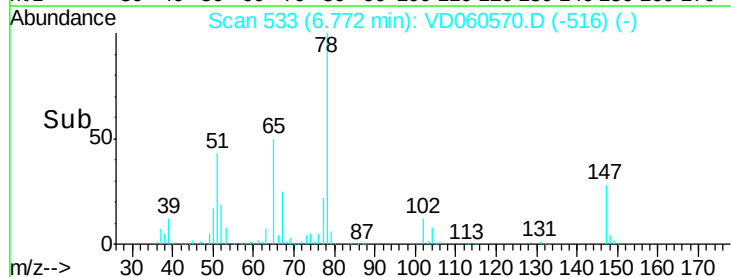
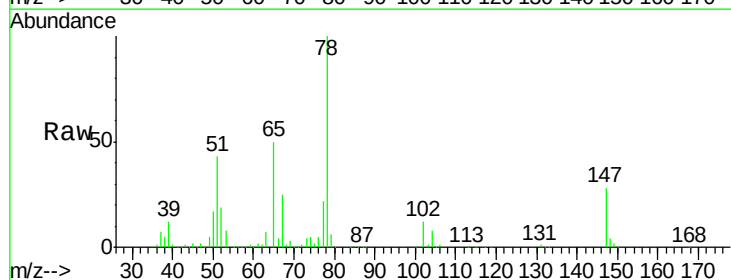
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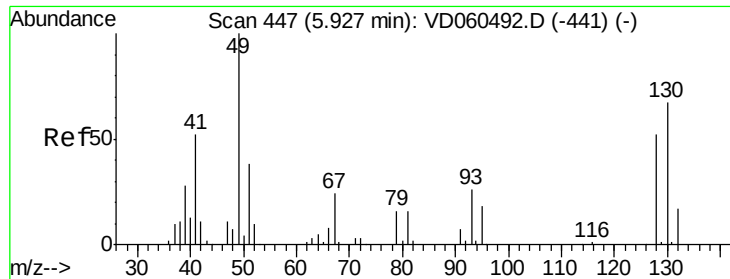
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#40  
Benzene  
Concen: 21.350 ug/l  
RT: 6.77 min Scan# 533  
Delta R.T. -0.03 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 78      | 100   | 1071676 |       |       |
| 77      | 22.3  | 18.9    | 28.3  |       |





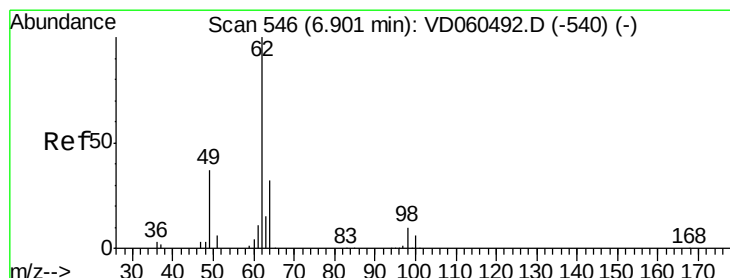
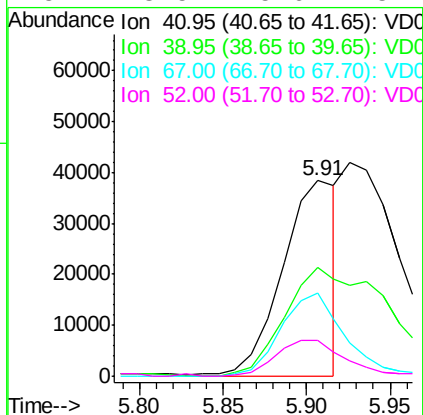
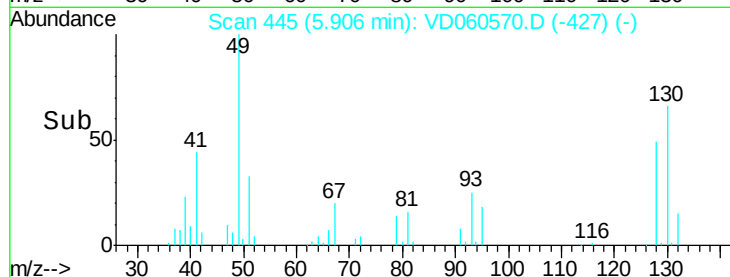
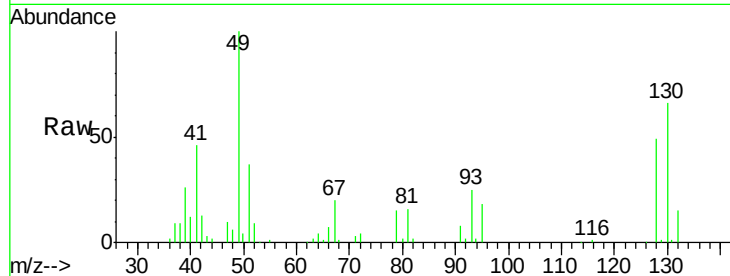
#41  
Methacrylonitrile  
Concen: 19.341 ug/l m  
RT: 5.91 min Scan# 445  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.8  | 42.6  | 63.8  |
| 67      | 42.6  | 36.2  | 54.4  |
| 52      | 18.5  | 15.6  | 23.4  |

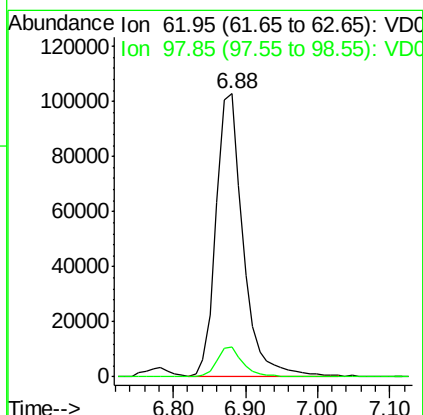
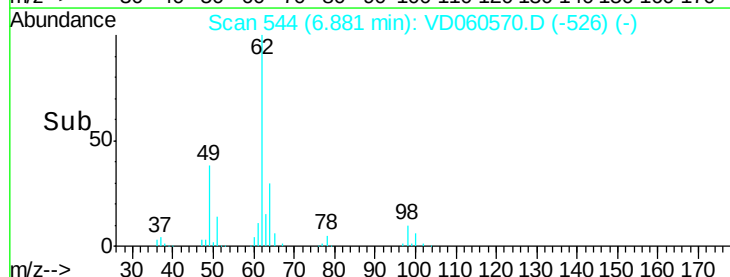
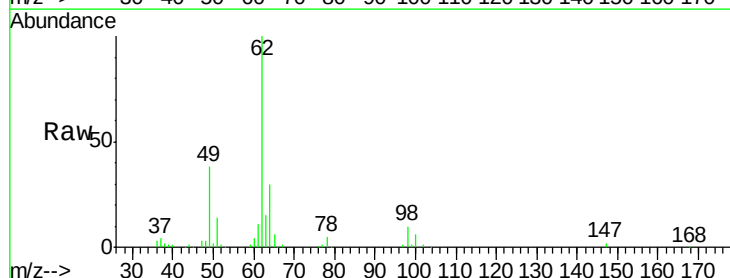
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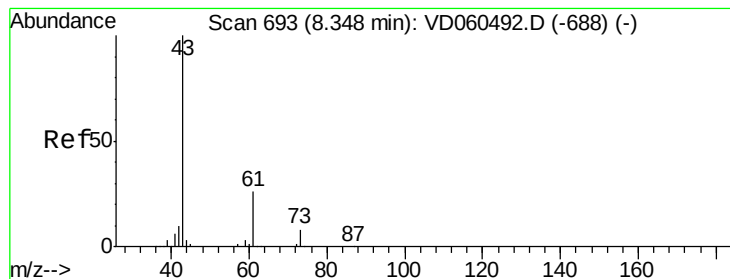
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#42  
1,2-Dichloroethane  
Concen: 20.775 ug/l  
RT: 6.88 min Scan# 544  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.4  | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 19.958 ug/l

RT: 8.33 min Scan# 691

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

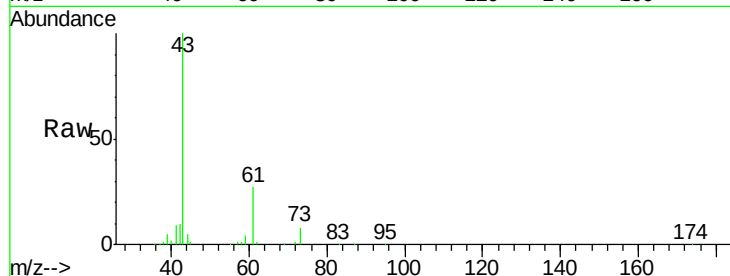
ClientSampleId :

VD1214SBS01

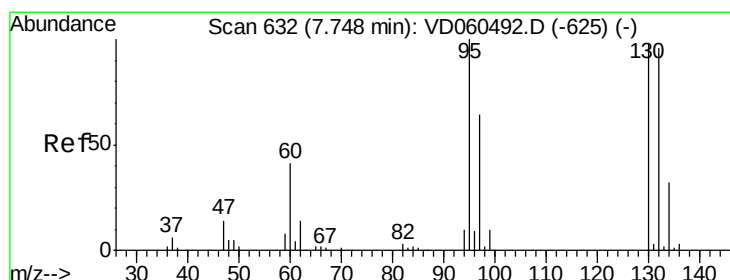
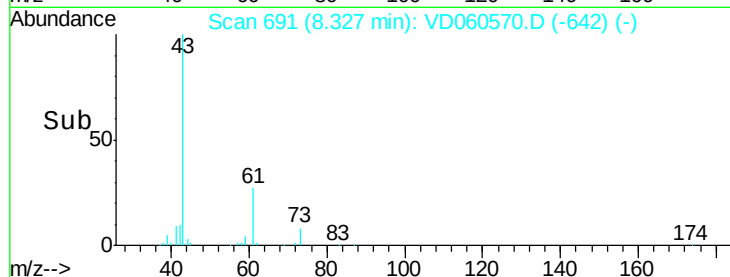
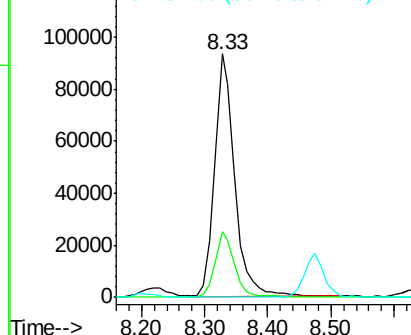
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 209857 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 27.2  | 21.0  | 31.4   |
| 87        | 0.4   | 0.2   | 0.2#   |

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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: 20.979 ug/l

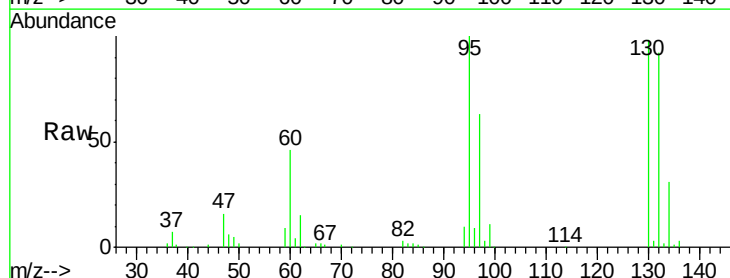
RT: 7.72 min Scan# 629

Delta R.T. -0.03 min

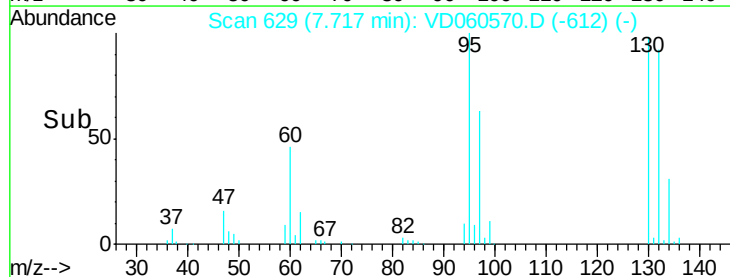
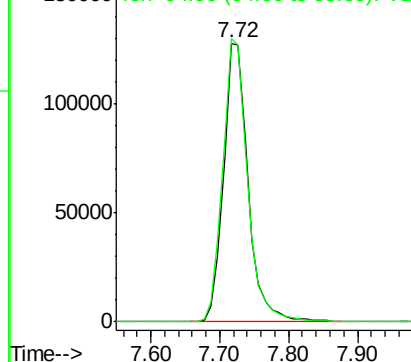
Lab File: VD060570.D

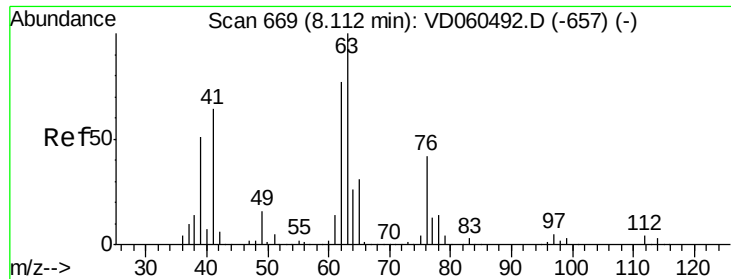
Acq: 14 Dec 2018 13:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 130   | Resp: | 314703 |
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 101.7 | 0.0   | 203.8  |



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





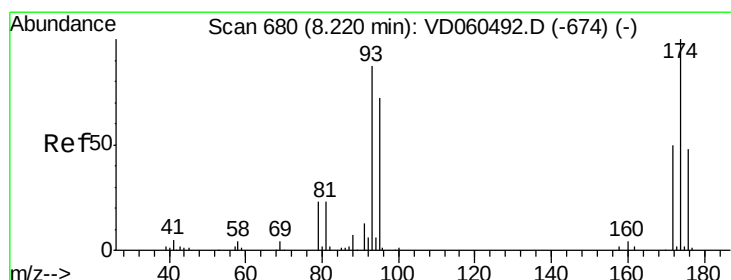
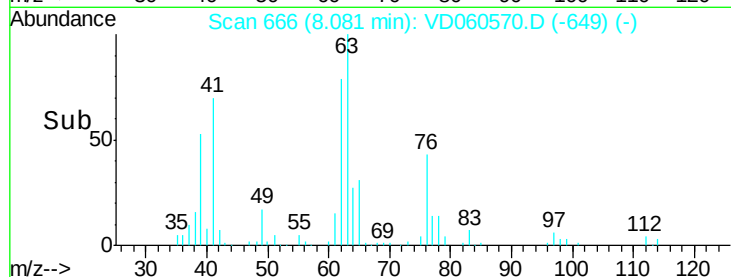
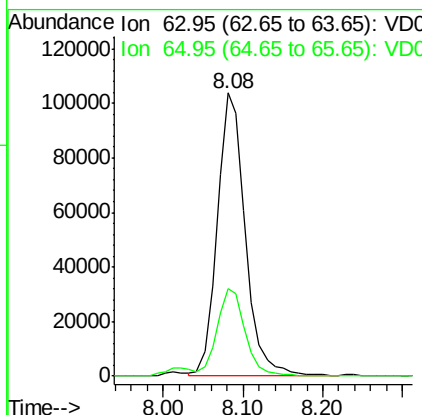
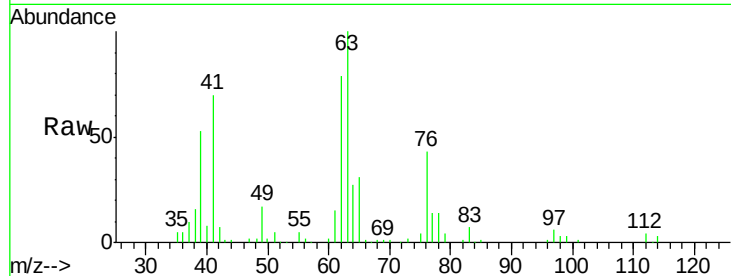
#45  
 1,2-Dichloropropane  
 Concen: 20.474 ug/l  
 RT: 8.08 min Scan# 666  
 Delta R.T. -0.03 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

Tgt Ion: 63 Resp: 254178  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 24.6 37.0

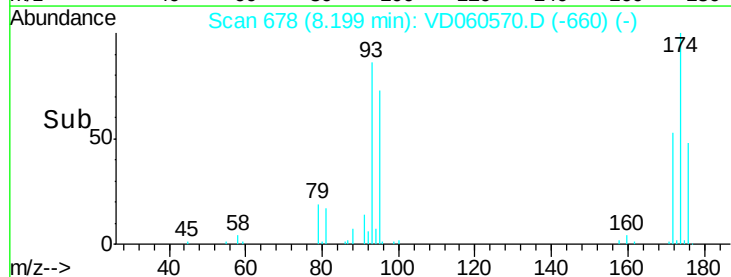
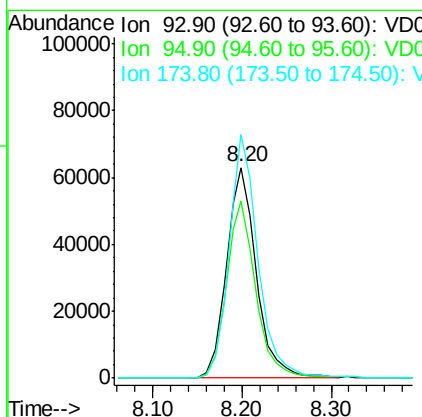
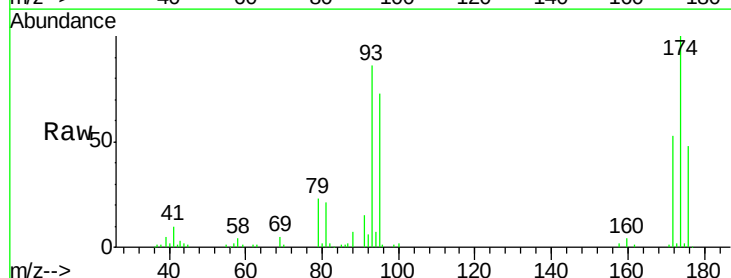
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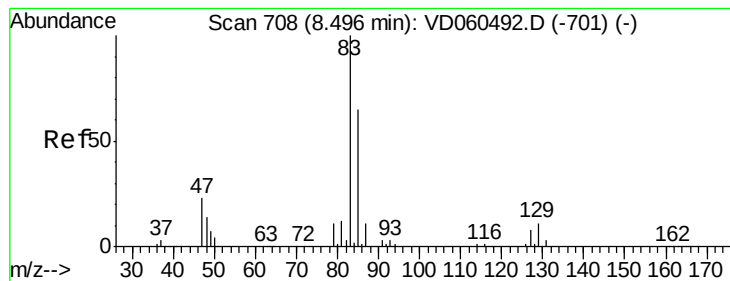
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#46  
 Dibromomethane  
 Concen: 20.536 ug/l  
 RT: 8.20 min Scan# 678  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Tgt Ion: 93 Resp: 147301  
 Ion Ratio Lower Upper  
 93 100  
 95 84.1 65.6 98.4  
 174 115.6 91.7 137.5





#47

Bromodichloromethane

Concen: 20.997 ug/l

RT: 8.47 min Scan# 706

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

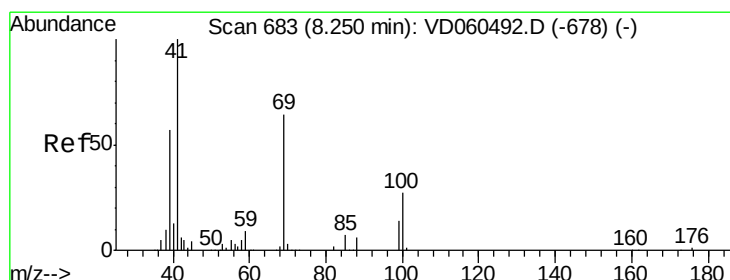
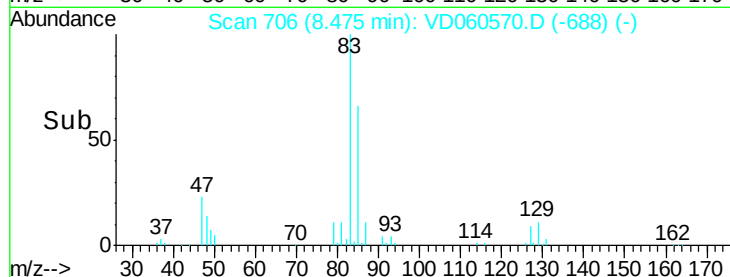
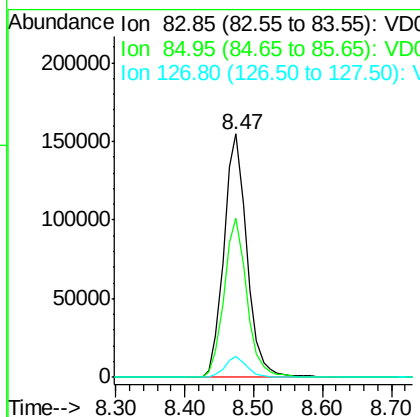
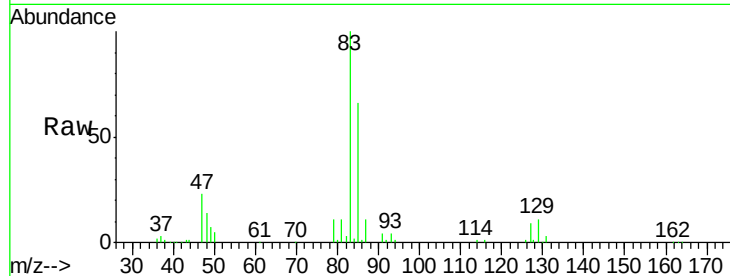
ClientSampleId :

VD1214SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 357357 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.6  | 52.2  | 78.4   |
| 127       | 8.6   | 6.7   | 10.1   |

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#48

Methyl methacrylate

Concen: 20.486 ug/l

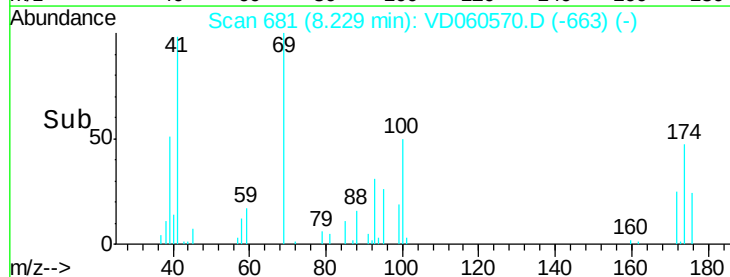
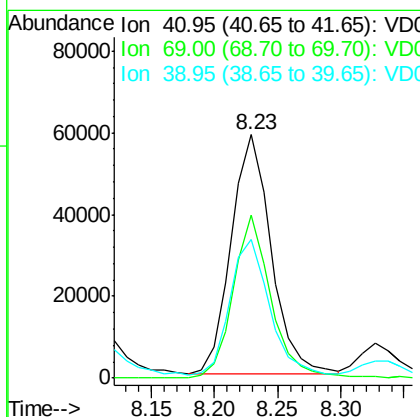
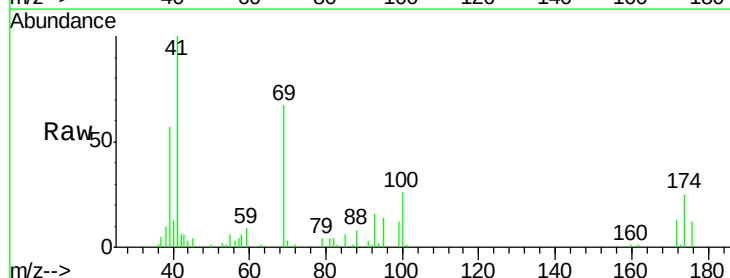
RT: 8.23 min Scan# 681

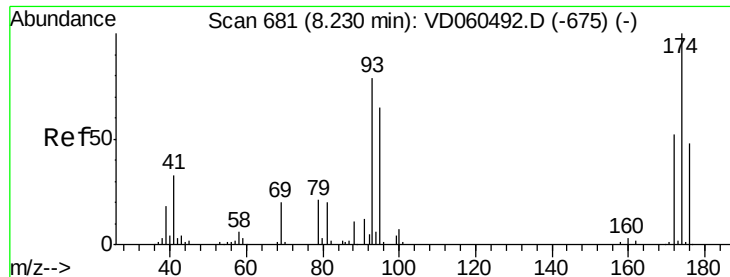
Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 127456 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 66.8  | 50.2  | 75.4   |
| 39        | 56.9  | 46.1  | 69.1   |





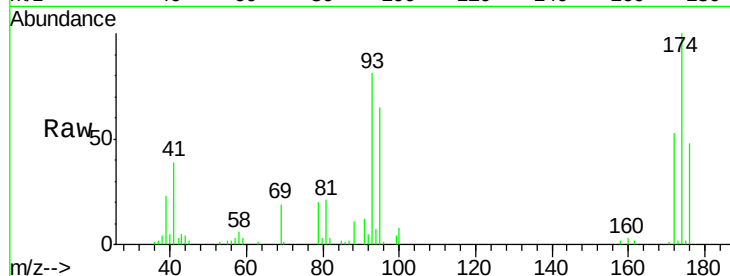
#49  
1,4-Dioxane  
Concen: 396.472 ug/l  
RT: 8.21 min Scan# 679  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

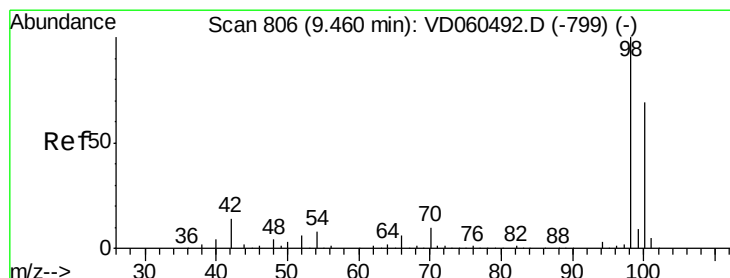
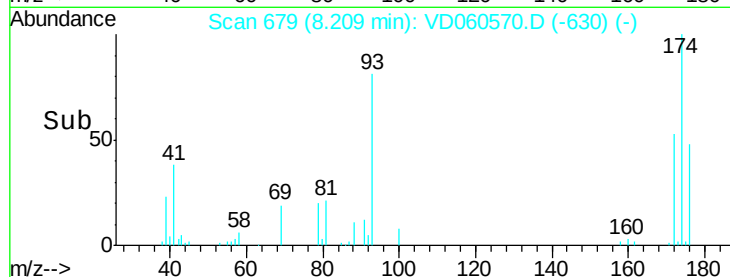
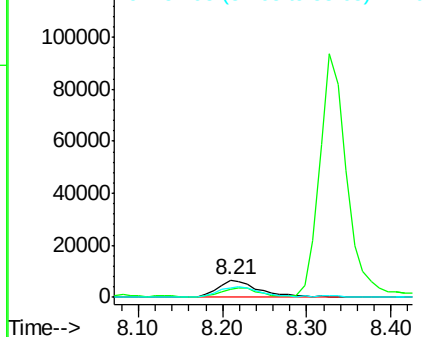
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 48.4  | 32.9  | 49.3  |
| 58      | 55.1  | 47.7  | 71.5  |

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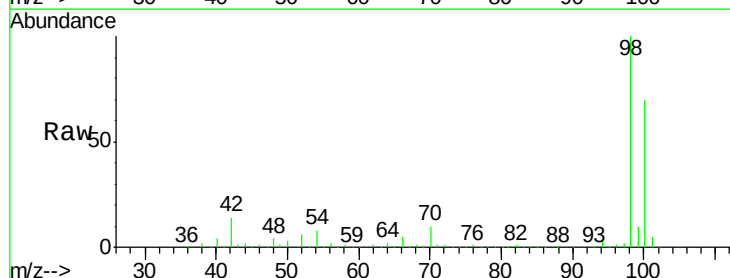


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

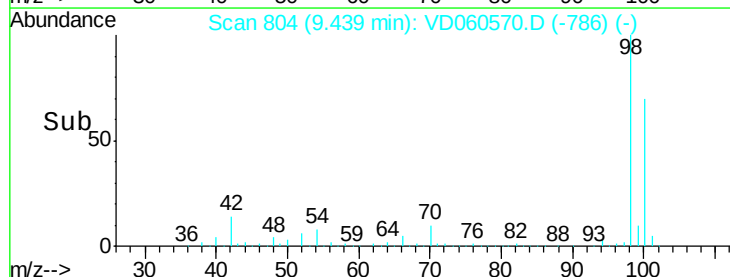
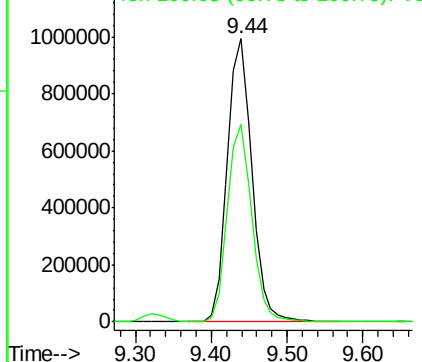


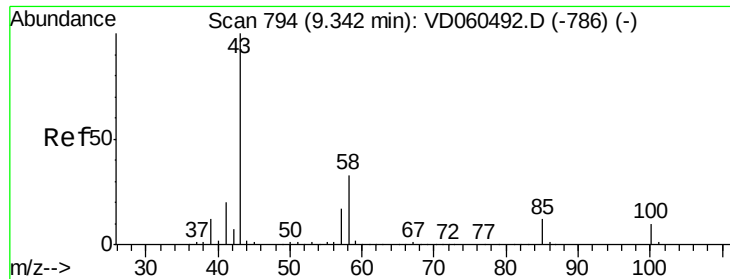
#50  
Toluene-d8  
Concen: 396.472 ug/l  
RT: 9.44 min Scan# 804  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 69.9  | 55.7  | 83.5  |



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: 100.368 ug/l

RT: 9.32 min Scan# 792

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 43 Resp: 656468

Ion Ratio Lower Upper

43 100

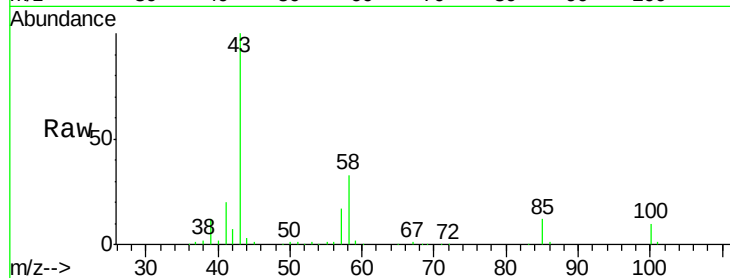
58 33.1 26.3 39.5

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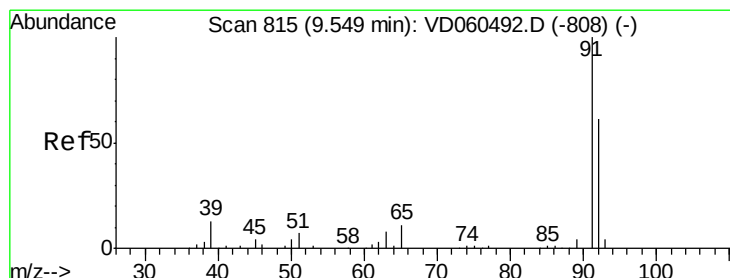
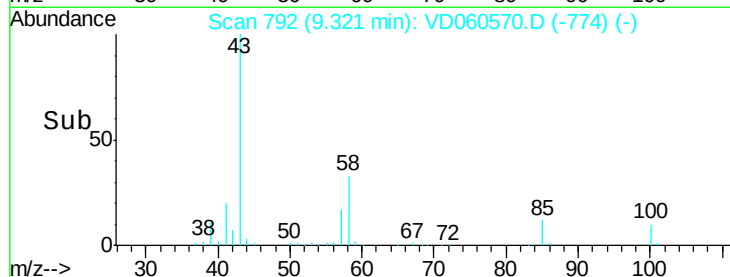
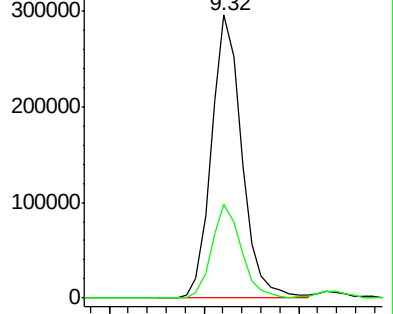
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 21.440 ug/l

RT: 9.53 min Scan# 813

Delta R.T. -0.02 min

Lab File: VD060570.D

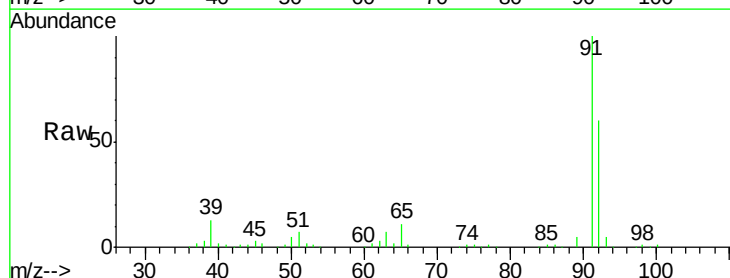
Acq: 14 Dec 2018 13:44

Tgt Ion: 92 Resp: 672658

Ion Ratio Lower Upper

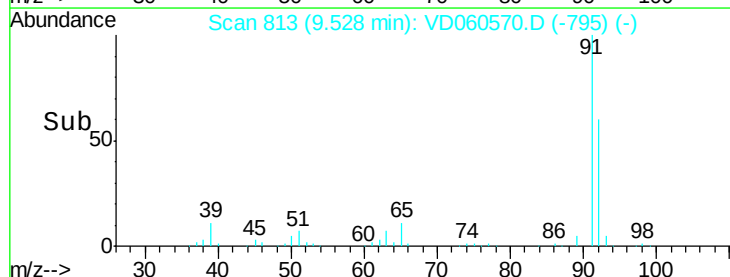
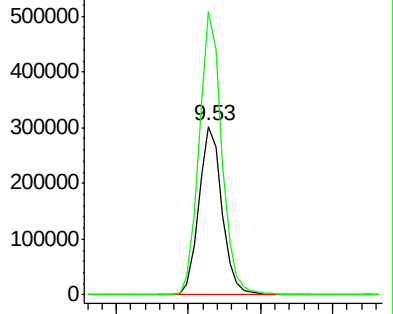
92 100

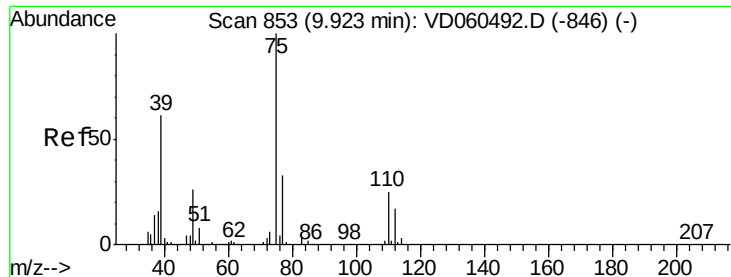
91 168.0 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.900 ug/l

RT: 9.90 min Scan# 851

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 75 Resp: 292279

Ion Ratio Lower Upper

75 100

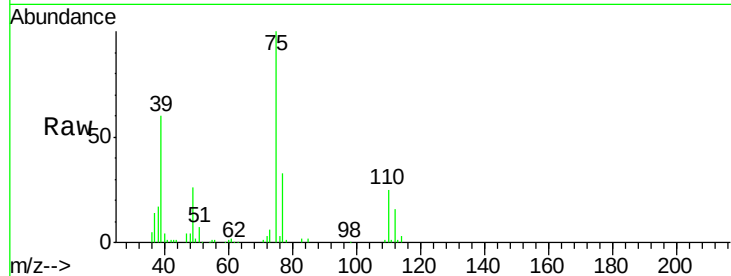
77 33.1 26.2 39.2

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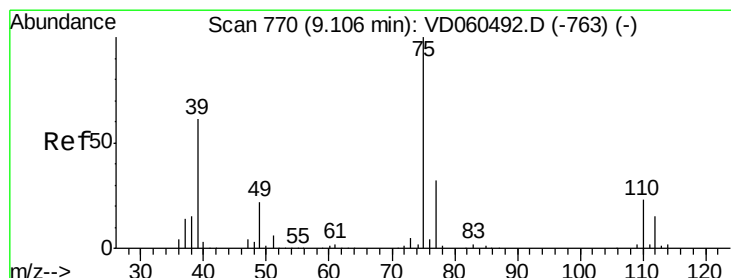
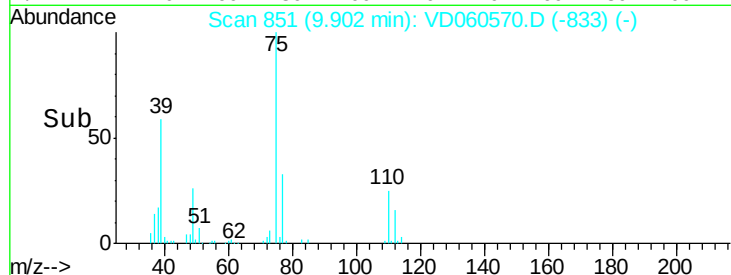
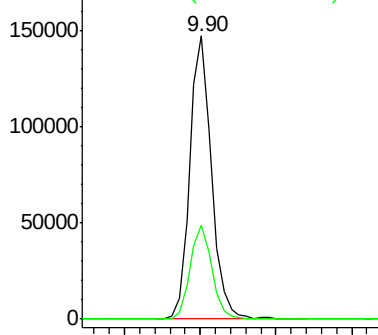
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Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.967 ug/l

RT: 9.08 min Scan# 768

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

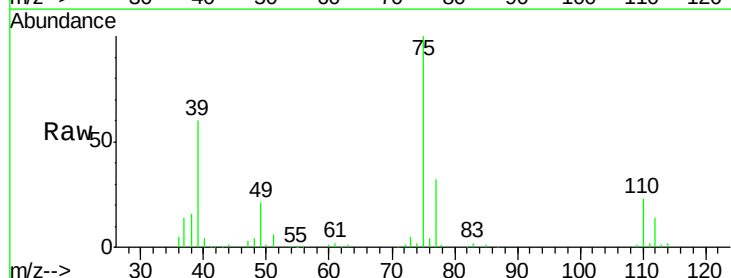
Tgt Ion: 75 Resp: 385239

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

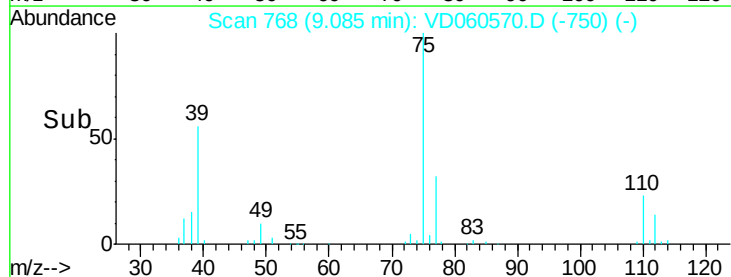
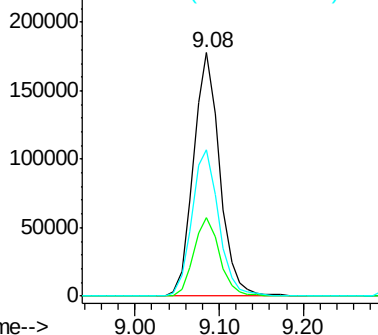
39 59.9 48.6 73.0



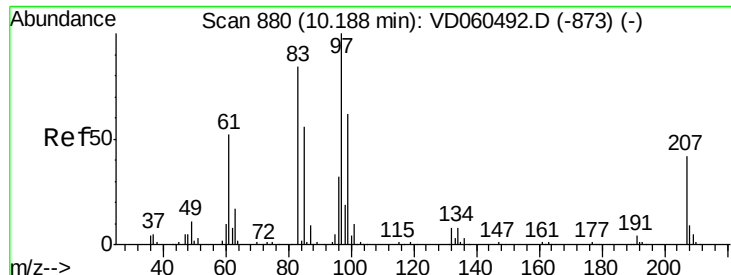
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC







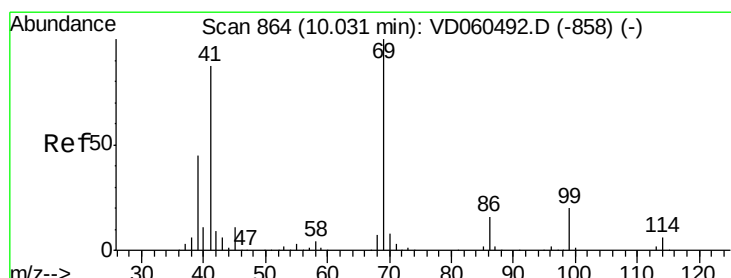
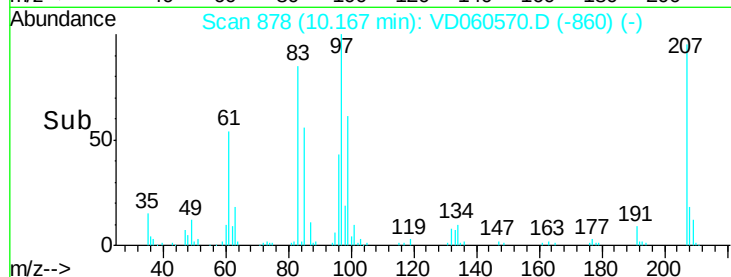
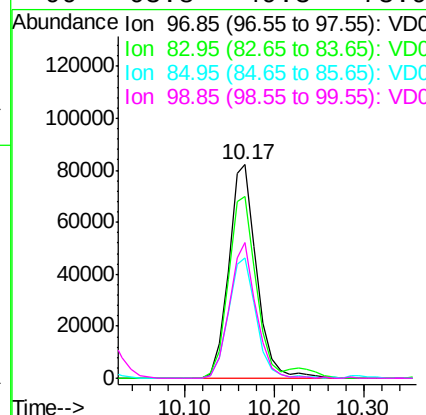
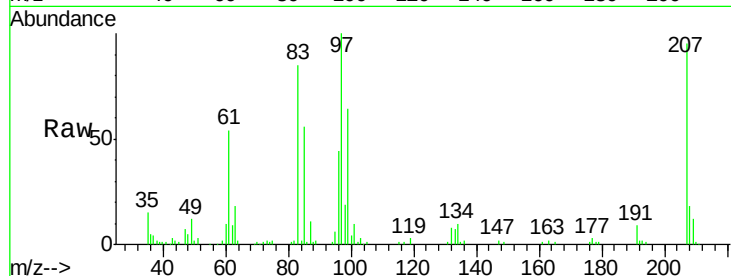
#55  
 1,1,2-Trichloroethane  
 Concen: 20.629 ug/l  
 RT: 10.17 min Scan# 878  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 180232 |       |       |
| 83      | 85.2  | 67.2   | 100.8 |       |
| 85      | 56.1  | 44.5   | 66.7  |       |
| 99      | 63.8  | 49.3   | 73.9  |       |

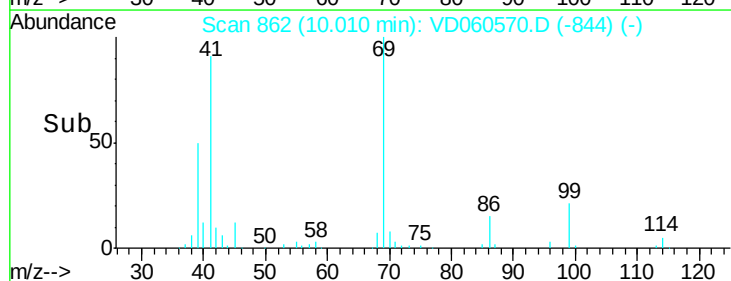
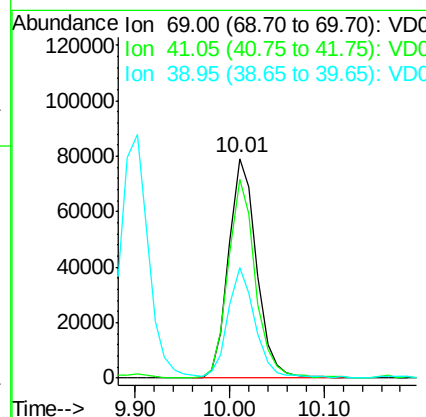
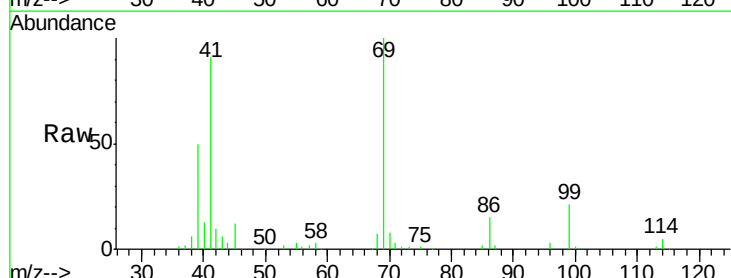
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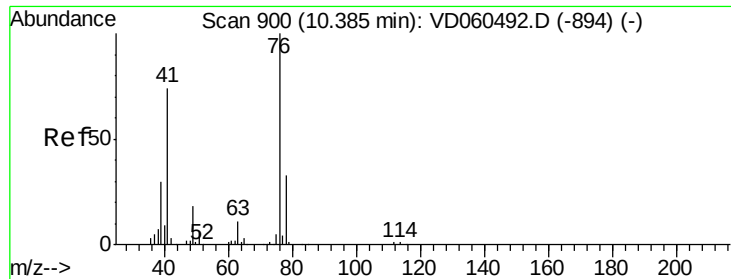
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 20.541 ug/l  
 RT: 10.01 min Scan# 862  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 162420 |       |       |
| 41      | 90.7  | 69.8   | 104.8 |       |
| 39      | 50.4  | 37.5   | 56.3  |       |





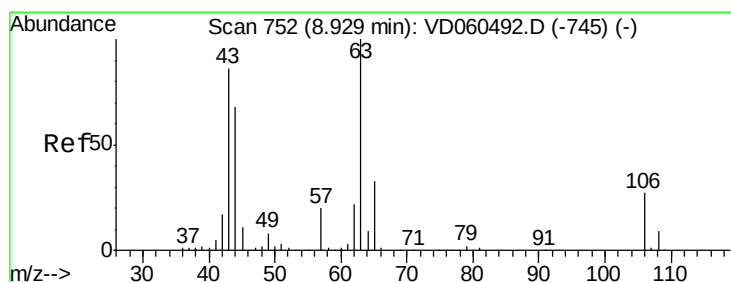
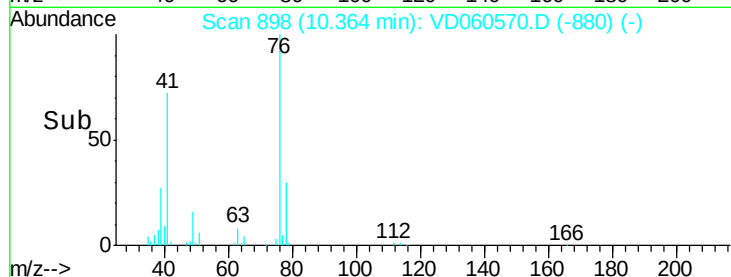
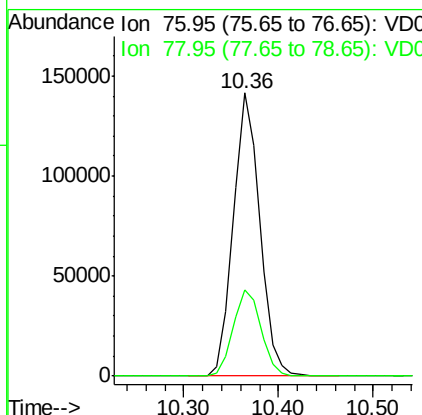
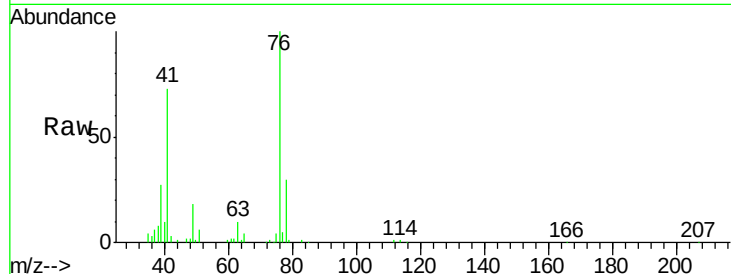
#57  
 1,3-Dichloropropane  
 Concen: 20.370 ug/l  
 RT: 10.36 min Scan# 898  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

Tgt Ion: 76 Resp: 275122  
 Ion Ratio Lower Upper  
 76 100  
 78 30.4 26.1 39.1

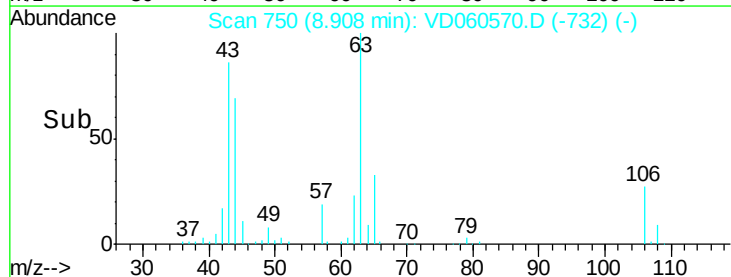
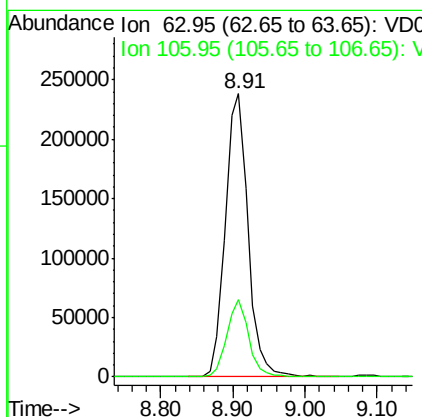
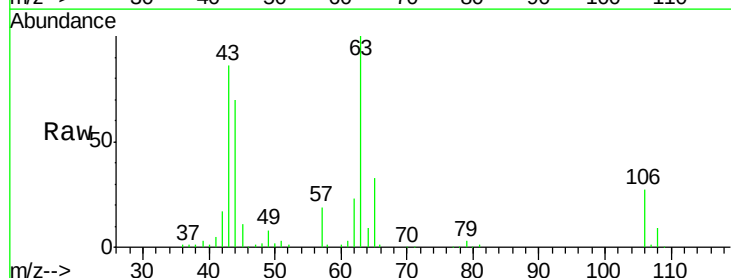
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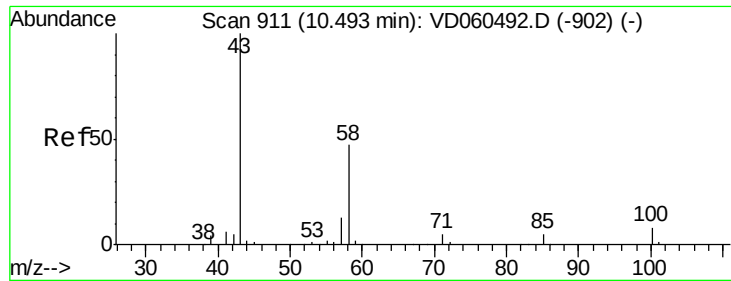
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 109.892 ug/l  
 RT: 8.91 min Scan# 750  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Tgt Ion: 63 Resp: 519918  
 Ion Ratio Lower Upper  
 63 100  
 106 27.4 21.6 32.4





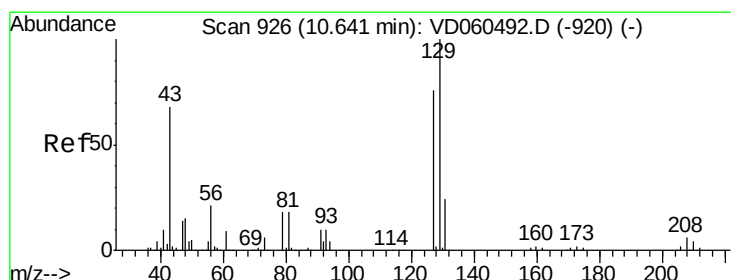
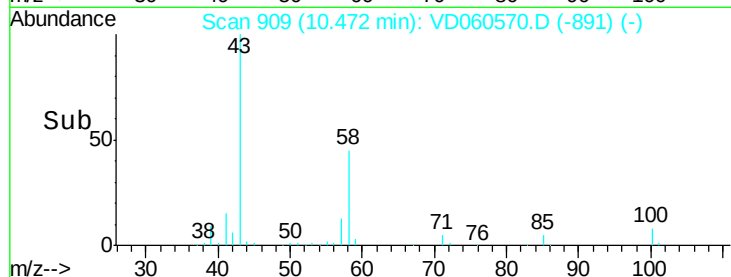
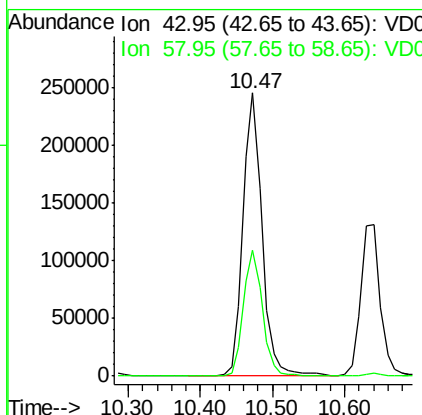
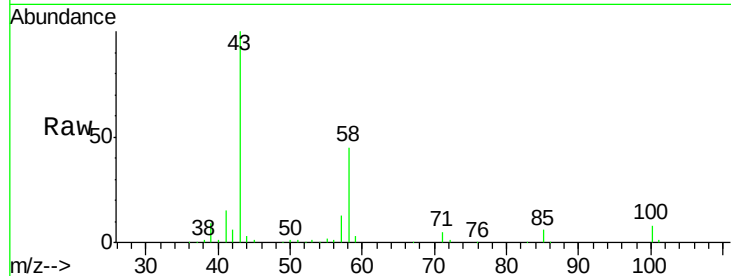
#59  
2-Hexanone  
Concen: 99.487 ug/l  
RT: 10.47 min Scan# 909  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

Tgt Ion: 43 Resp: 454827  
Ion Ratio Lower Upper  
43 100  
58 44.6 23.4 70.2

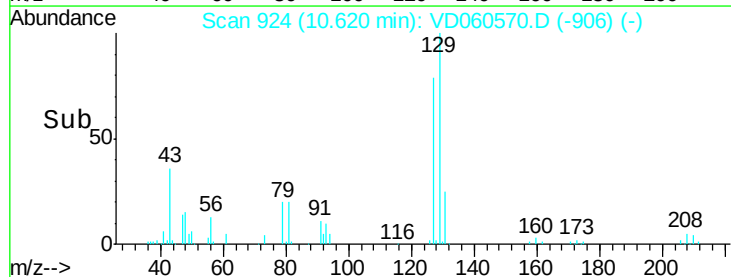
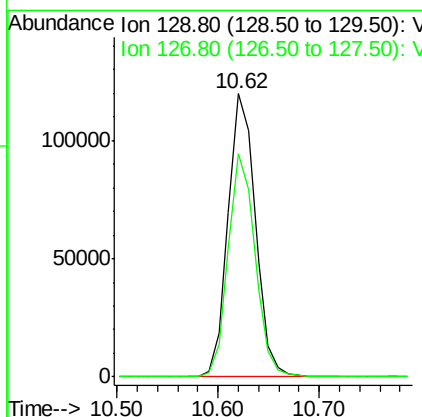
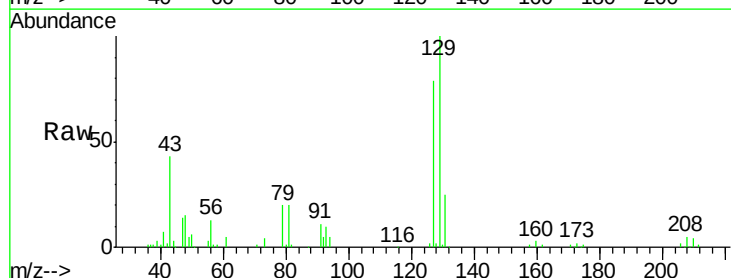
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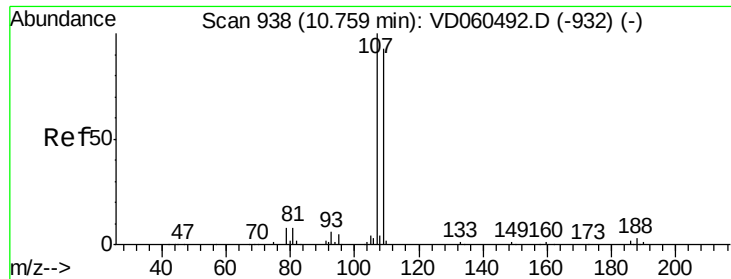
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#60  
Dibromochloromethane  
Concen: 20.713 ug/l  
RT: 10.62 min Scan# 924  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 129 Resp: 226257  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.104 ug/l

RT: 10.74 min Scan# 936

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 107 Resp: 179005

Ion Ratio Lower Upper

107 100

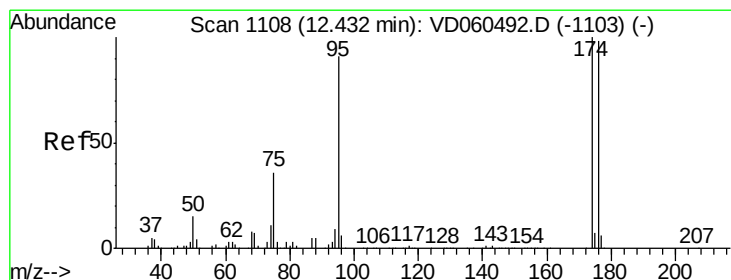
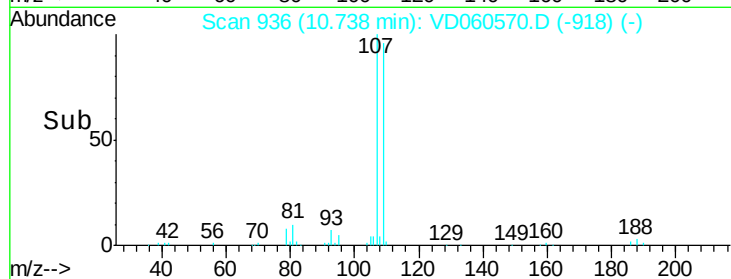
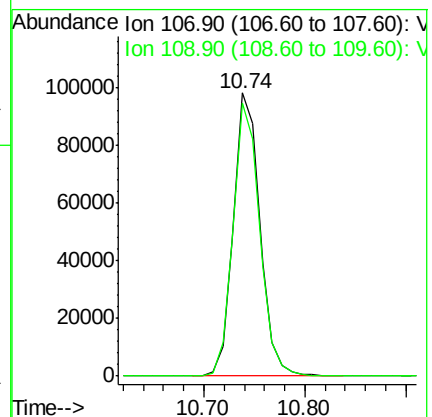
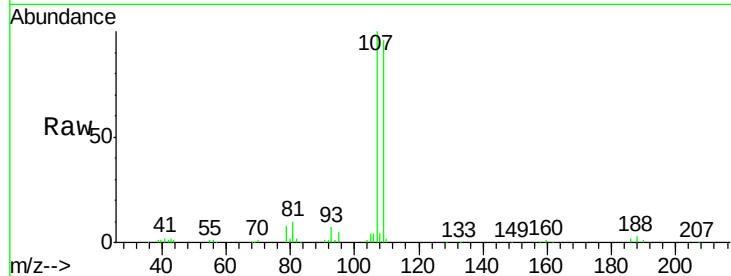
109 96.3 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 20.104 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

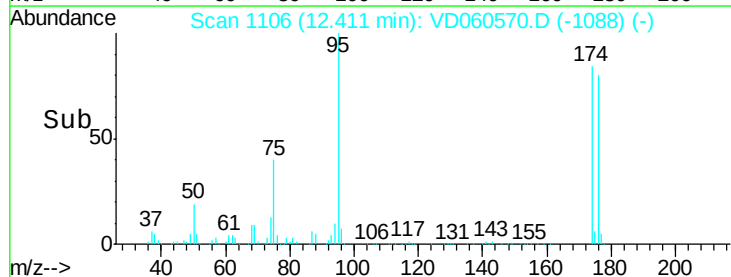
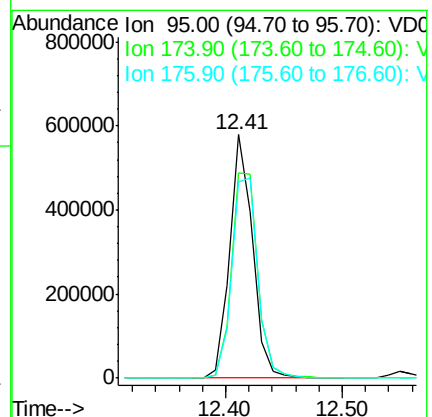
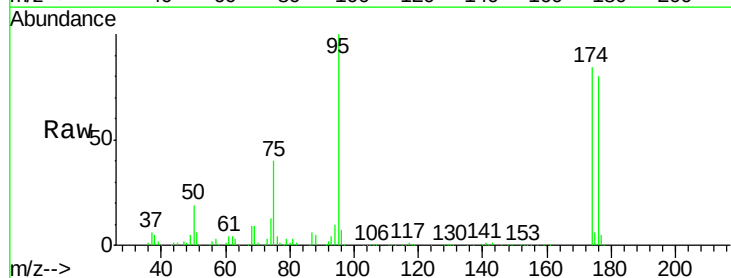
Tgt Ion: 95 Resp: 787822

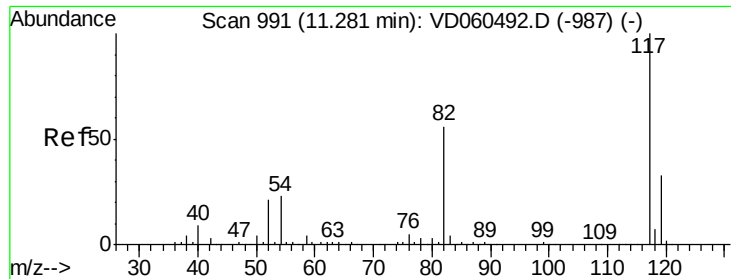
Ion Ratio Lower Upper

95 100

174 84.3 0.0 219.4

176 80.5 0.0 214.6





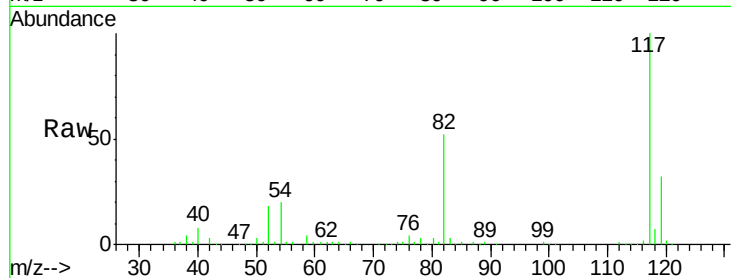
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.27 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

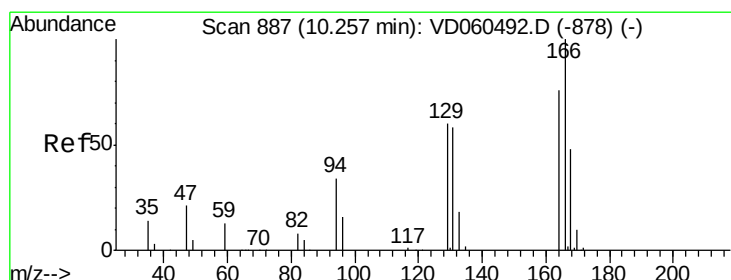
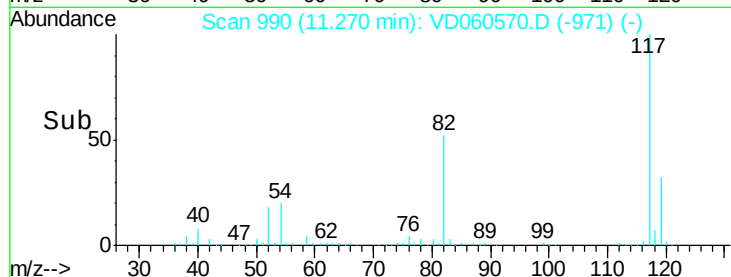
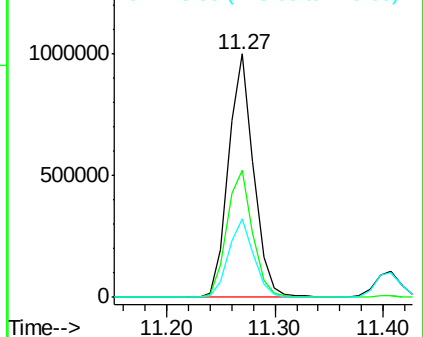
Tgt Ion:117 Resp: 1609961  
Ion Ratio Lower Upper  
117 100  
82 52.4 45.2 67.8  
119 32.3 26.1 39.1

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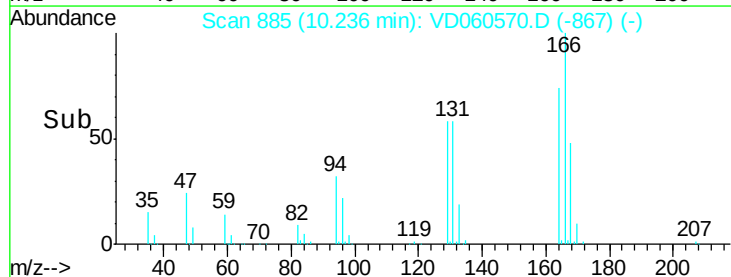
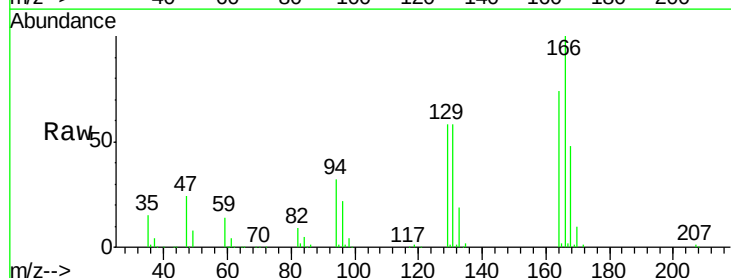
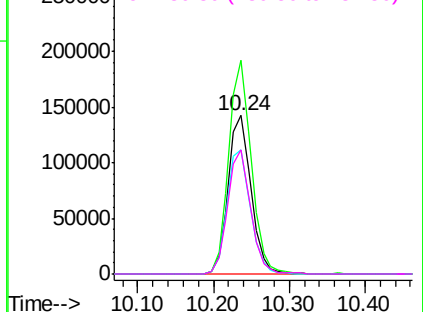
Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

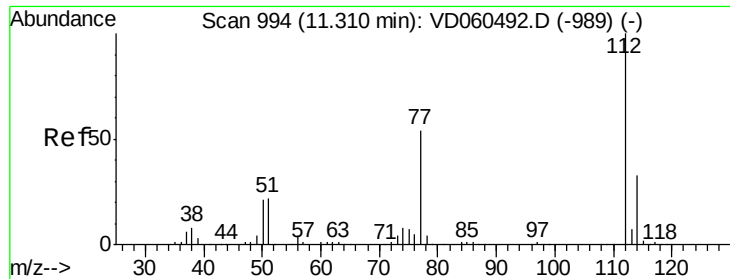


#64  
Tetrachloroethene  
Concen: 20.841 ug/l  
RT: 10.24 min Scan# 885  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion:164 Resp: 297103  
Ion Ratio Lower Upper  
164 100  
166 134.9 105.0 157.6  
129 78.5 63.0 94.4  
131 78.5 60.6 90.8

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





#65

Chlorobenzene

Concen: 20.940 ug/l

RT: 11.30 min Scan# 993

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion:112 Resp: 713214

Ion Ratio Lower Upper

112 100

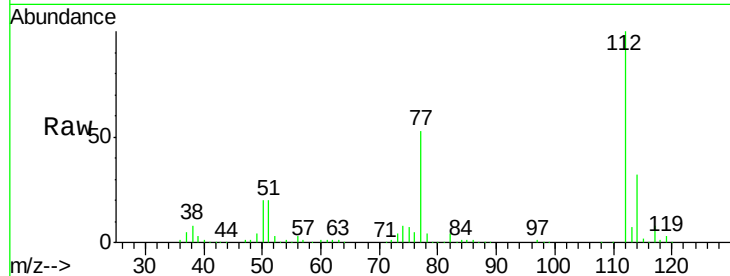
114 32.3 26.2 39.4

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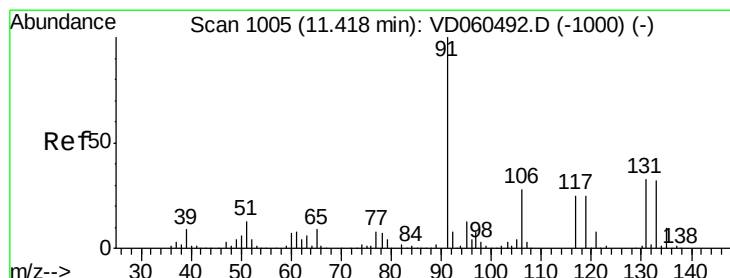
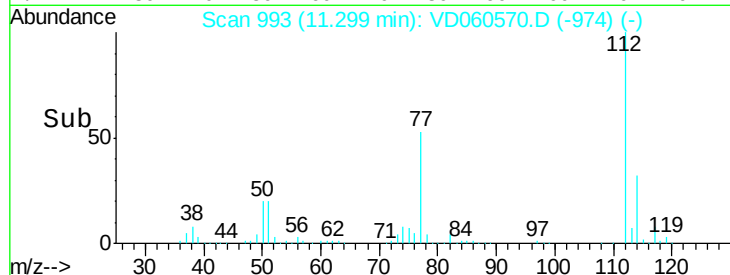
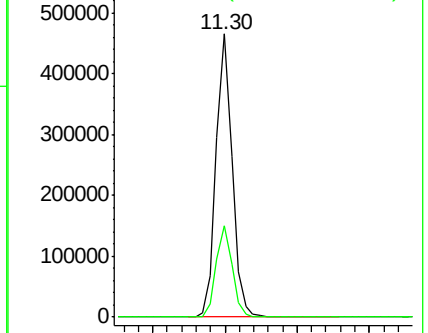
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.368 ug/l

RT: 11.41 min Scan# 1004

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

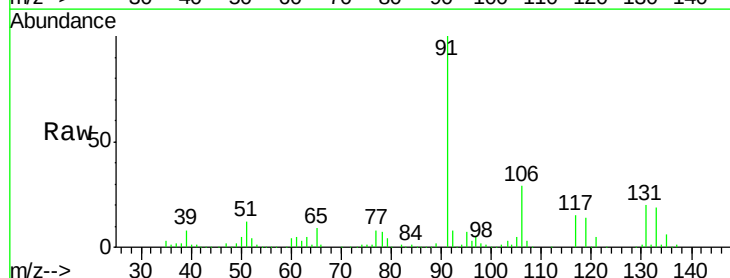
Tgt Ion:131 Resp: 234579

Ion Ratio Lower Upper

131 100

133 97.4 49.1 147.3

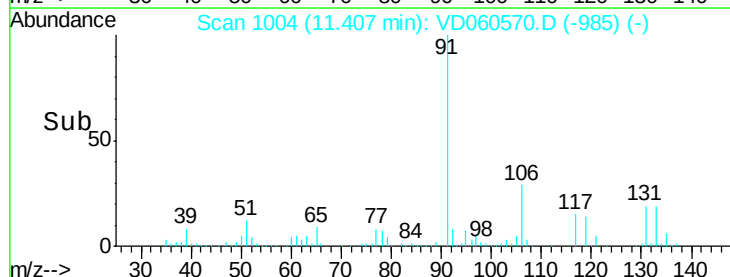
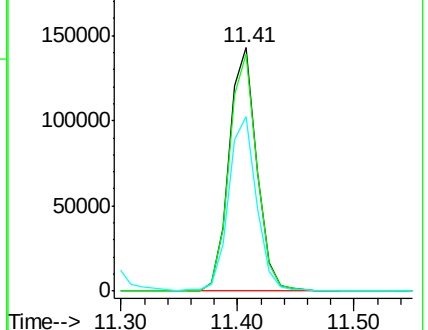
119 71.7 37.5 112.3

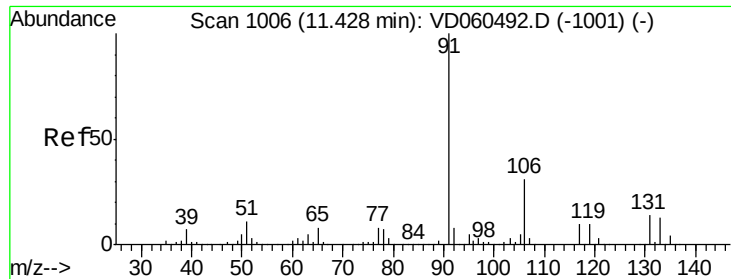


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V





#67

Ethyl Benzene

Concen: 21.981 ug/l

RT: 11.42 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 91 Resp: 1277028

Ion Ratio Lower Upper

91 100

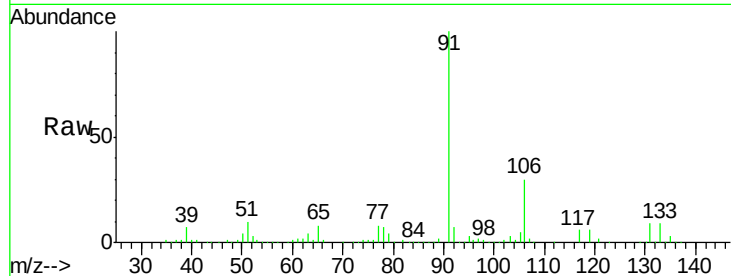
106 30.1 24.6 37.0

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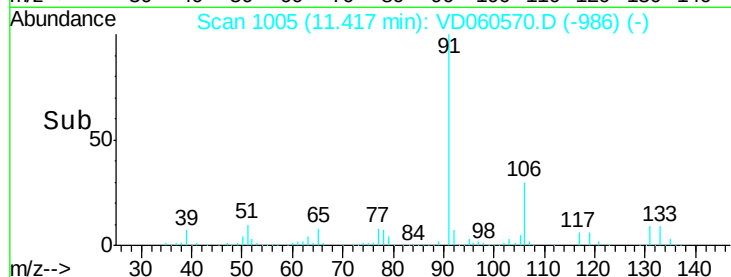
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

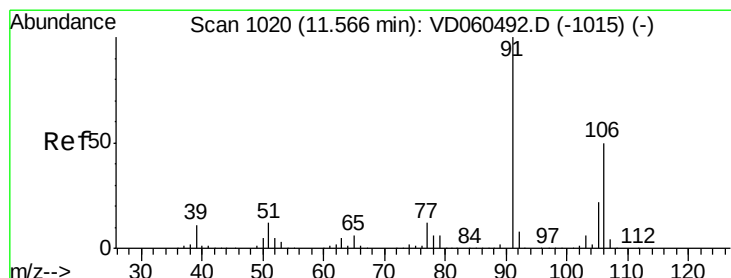
11.42

11.40

11.50



Time-->



#68

m/p-Xylenes

Concen: 43.706 ug/l

RT: 11.55 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD060570.D

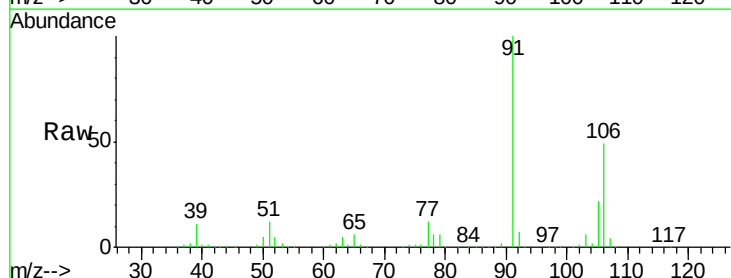
Acq: 14 Dec 2018 13:44

Tgt Ion: 106 Resp: 939365

Ion Ratio Lower Upper

106 100

91 203.9 160.5 240.7



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

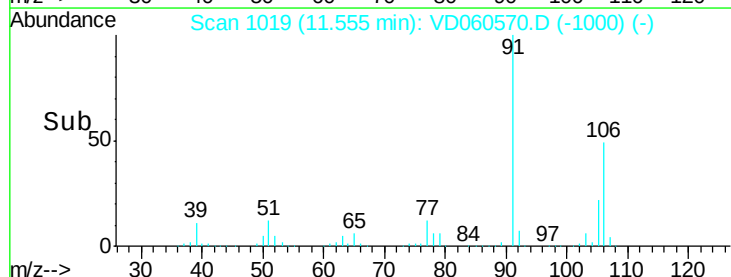
11.55

11.40

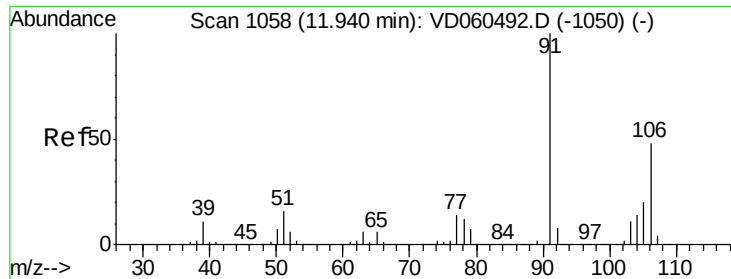
11.50

11.60

11.70



Time-->



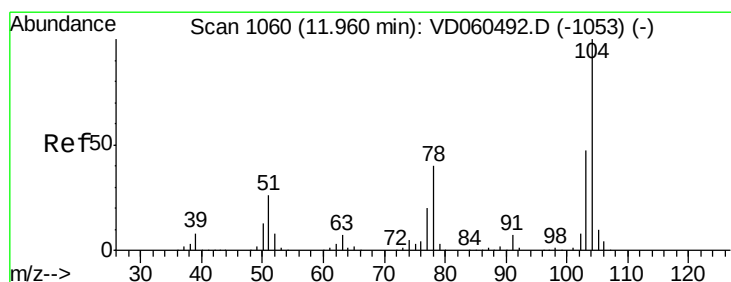
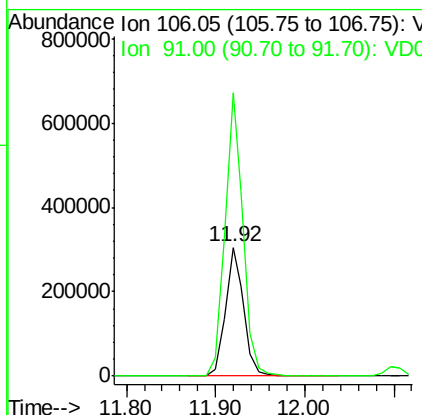
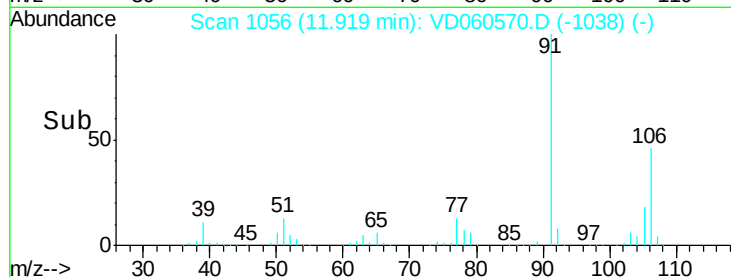
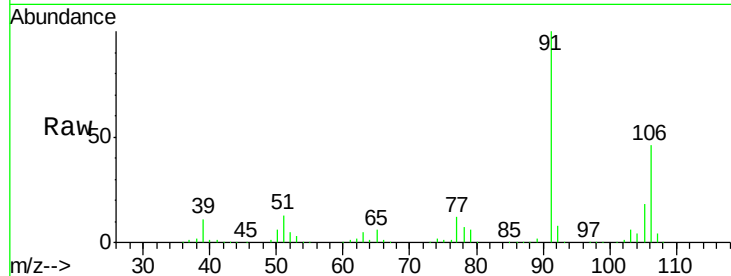
#69  
o-Xylene  
Concen: 21.467 ug/l  
RT: 11.92 min Scan# 1056  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

Tgt Ion:106 Resp: 439712  
Ion Ratio Lower Upper  
106 100  
91 219.6 103.4 310.1

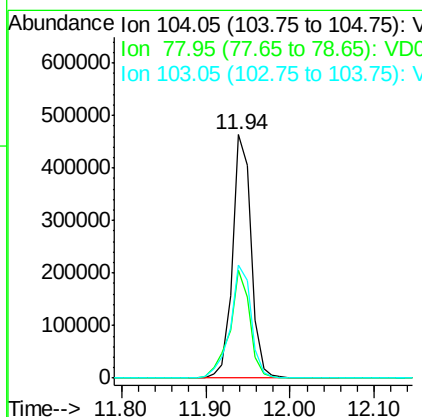
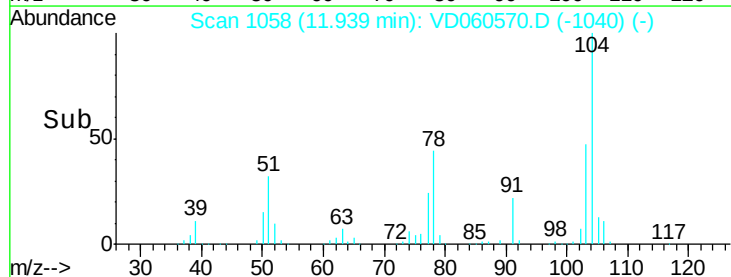
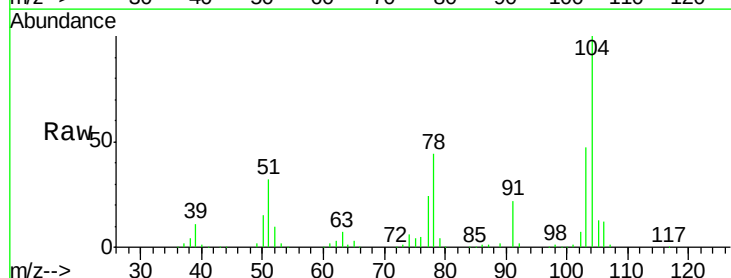
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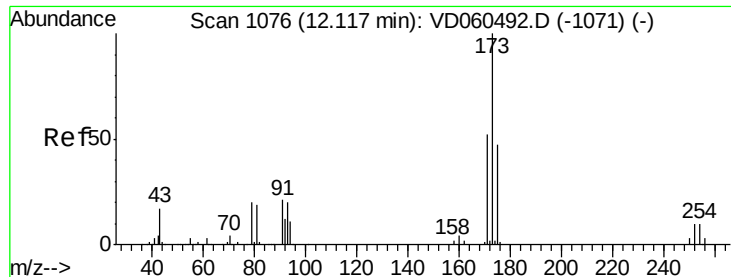


#70  
Styrene  
Concen: 21.582 ug/l  
RT: 11.94 min Scan# 1058  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion:104 Resp: 709552  
Ion Ratio Lower Upper  
104 100  
78 44.4 32.1 48.1  
103 46.5 37.2 55.8







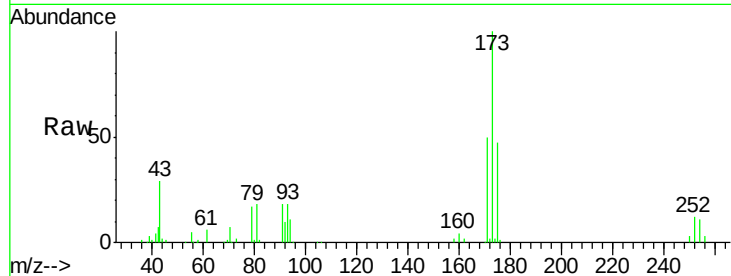
#71  
Bromoform  
Concen: 19.820 ug/l  
RT: 12.11 min Scan# 1075  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

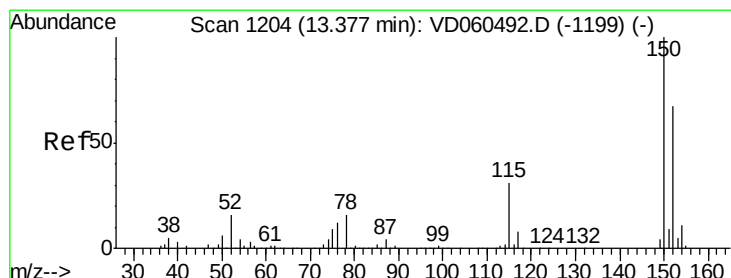
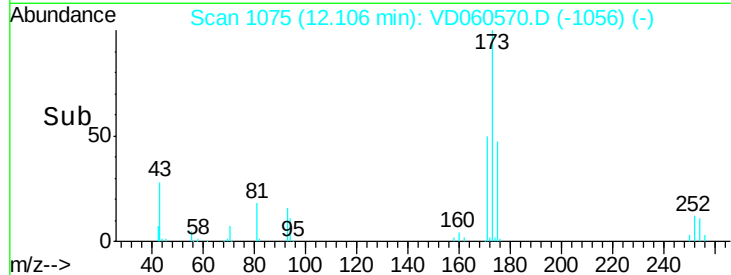
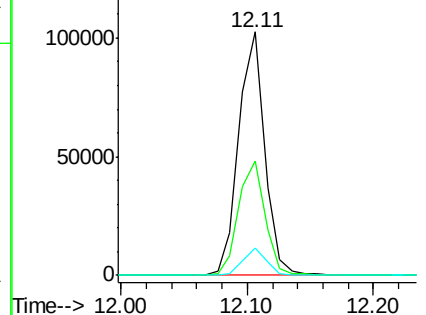
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.0  | 23.5  | 70.6  |
| 254     | 11.3  | 7.8   | 11.8  |

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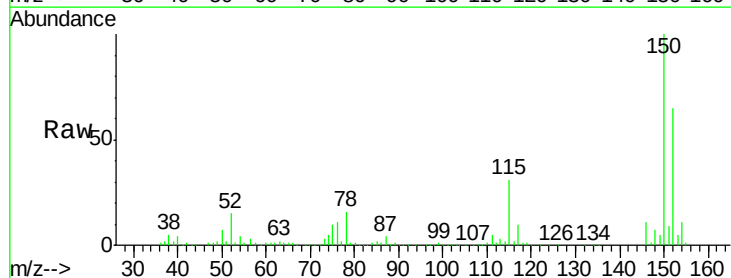


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

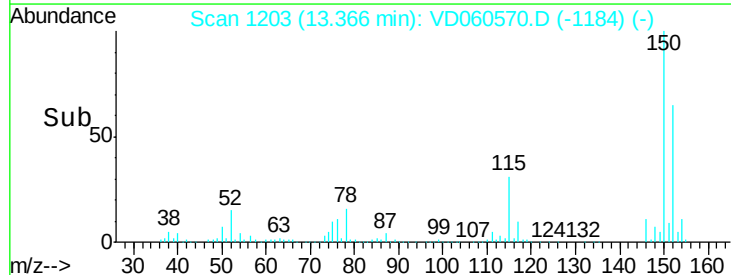
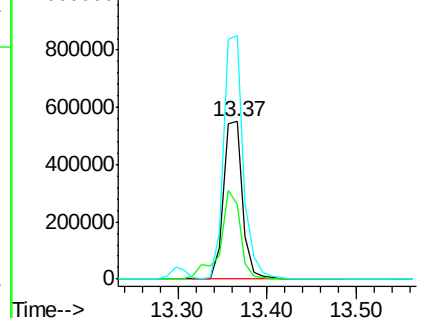


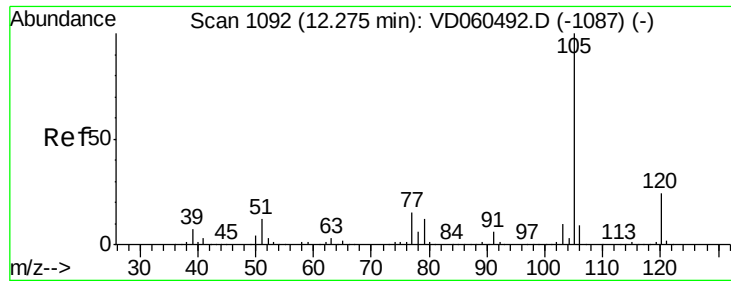
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.37 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 47.7  | 24.6  | 74.0  |
| 150     | 154.4 | 0.0   | 309.0 |



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





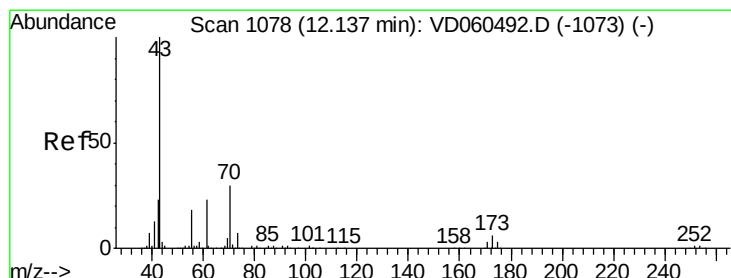
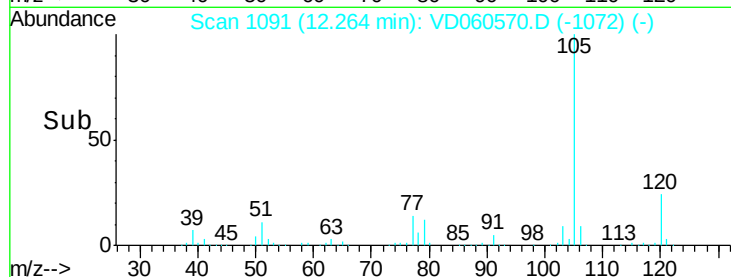
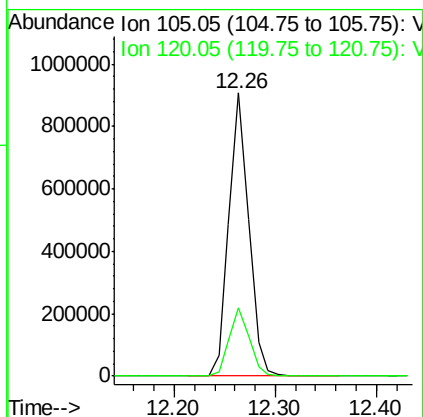
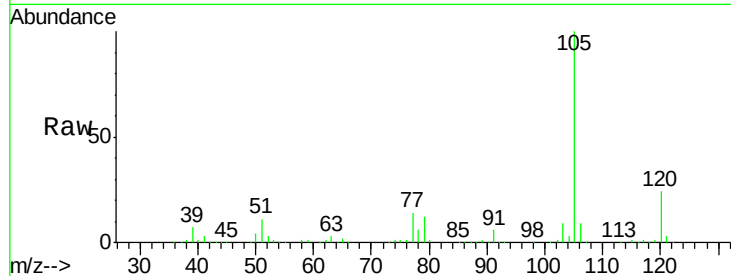
#73  
Isopropylbenzene  
Concen: 21.252 ug/l  
RT: 12.26 min Scan# 1091  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

Tgt Ion: 105 Resp: 1242714  
Ion Ratio Lower Upper  
105 100  
120 24.3 11.9 35.9

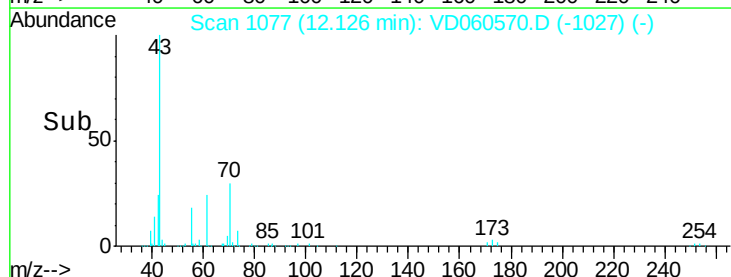
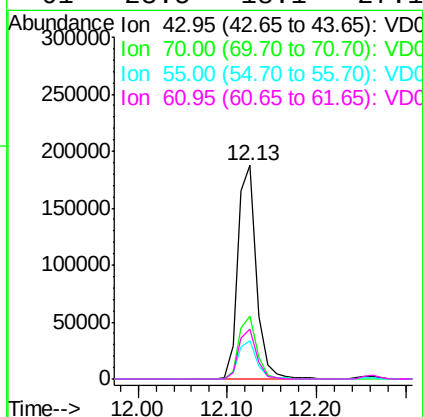
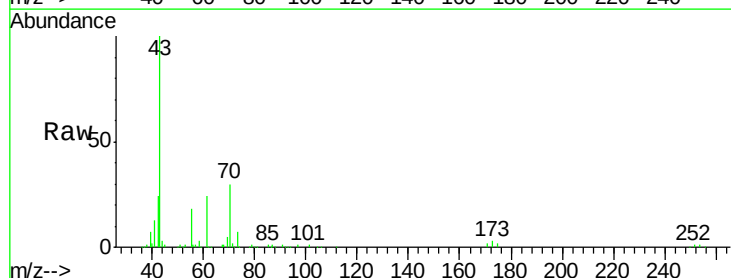
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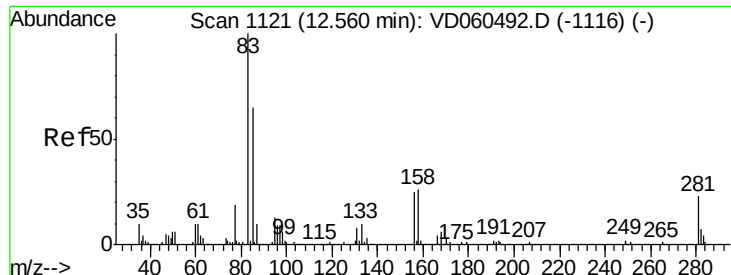
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#74  
N-ethyl acetate  
Concen: 19.271 ug/l  
RT: 12.13 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 43 Resp: 272352  
Ion Ratio Lower Upper  
43 100  
70 29.6 23.8 35.8  
55 17.7 14.2 21.2  
61 23.5 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.146 ug/l

RT: 12.55 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBS01

Tgt Ion: 83 Resp: 188596

Ion Ratio Lower Upper

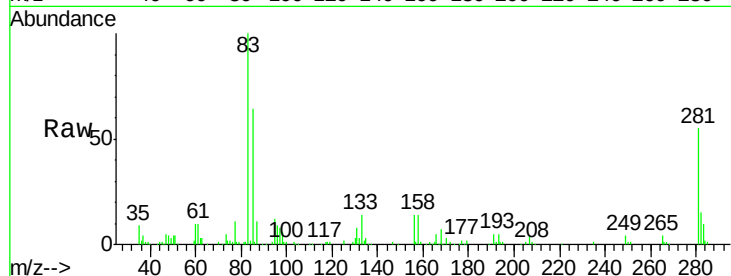
83 100

131 7.7 3.8 11.4

85 64.3 32.3 96.9

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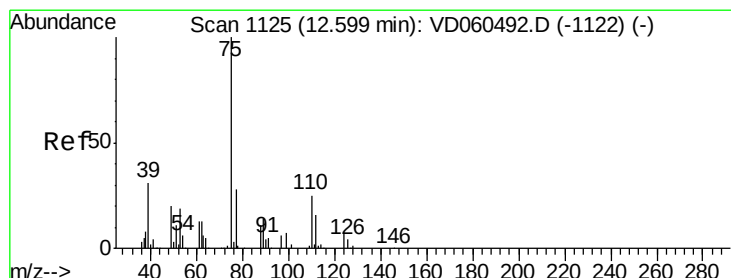
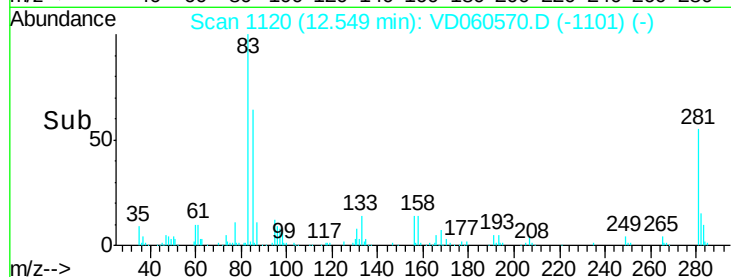
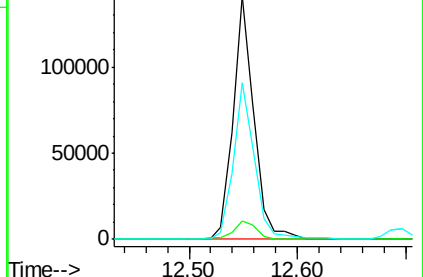
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Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 19.816 ug/l

RT: 12.59 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VD060570.D

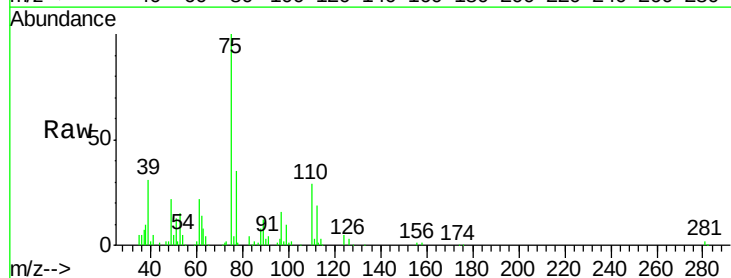
Acq: 14 Dec 2018 13:44

Tgt Ion: 75 Resp: 185535

Ion Ratio Lower Upper

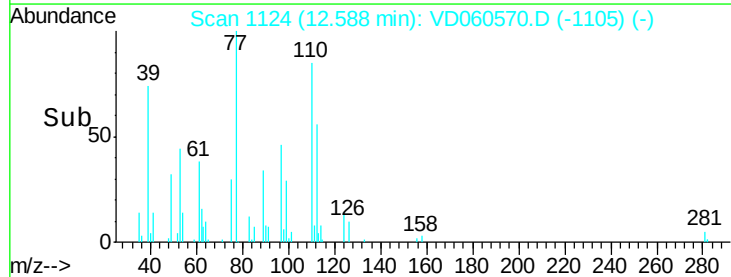
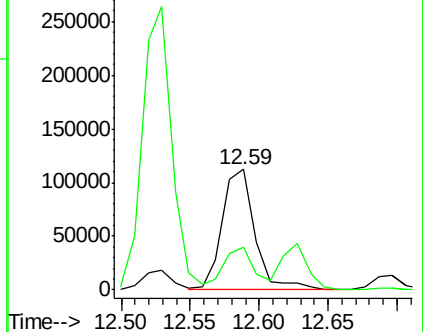
75 100

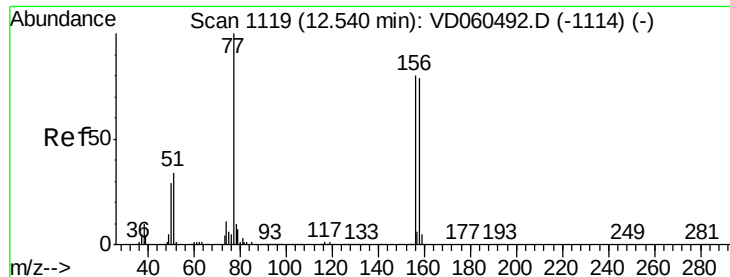
77 35.5 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 12.53 min Scan# 1118

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

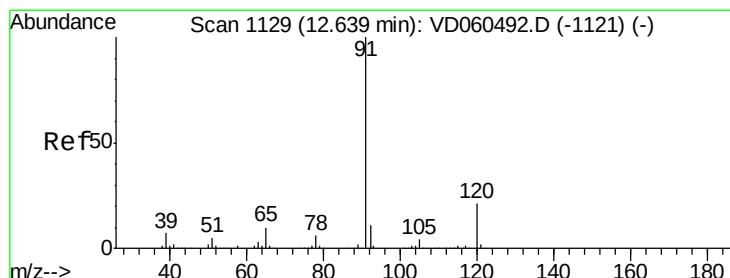
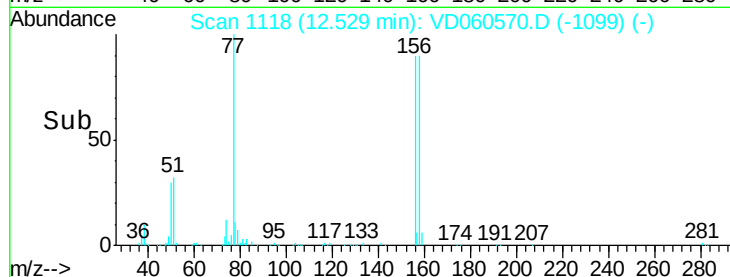
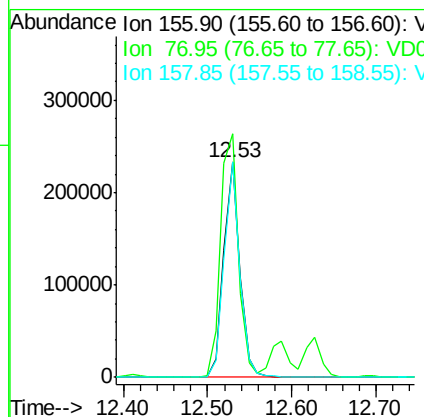
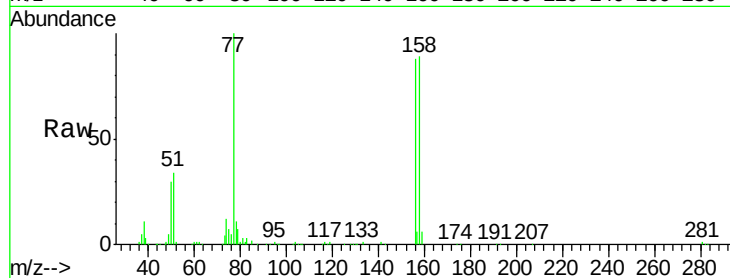
ClientSampleId :

VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 113.1 | 62.5  | 187.6 |
| 158     | 100.3 | 49.4  | 148.2 |

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#78

n-propylbenzene

Concen: 21.553 ug/l

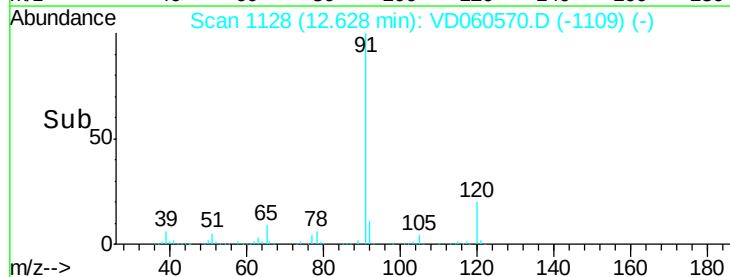
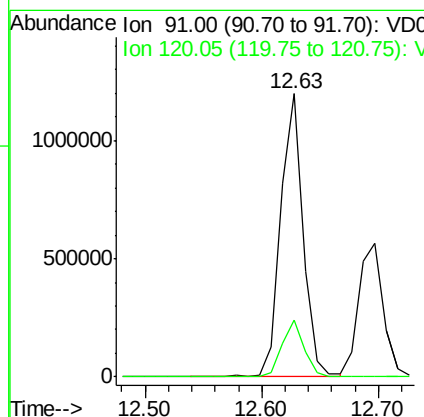
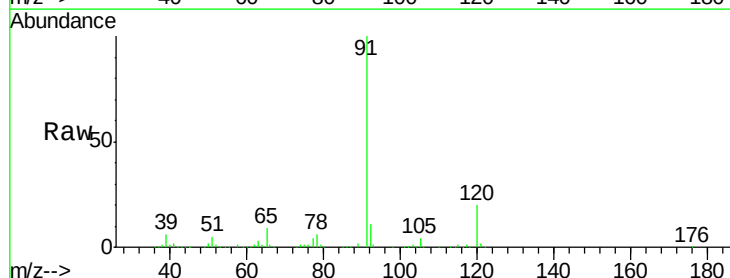
RT: 12.63 min Scan# 1128

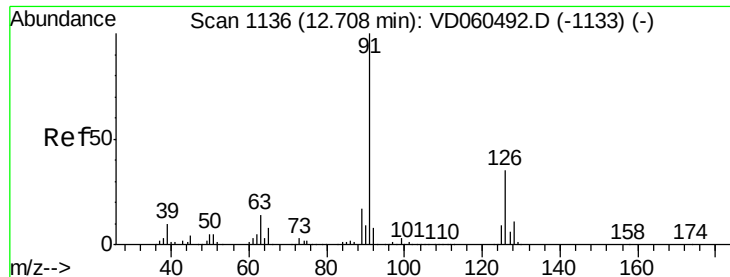
Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 20.1  | 10.4  | 31.1  |





#79

2-Chlorotoluene

Concen: 20.525 ug/l

RT: 12.70 min Scan# 1135

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

ClientSampleId :

VD1214SBSD01

Tgt Ion: 91 Resp: 823293

Ion Ratio Lower Upper

91 100

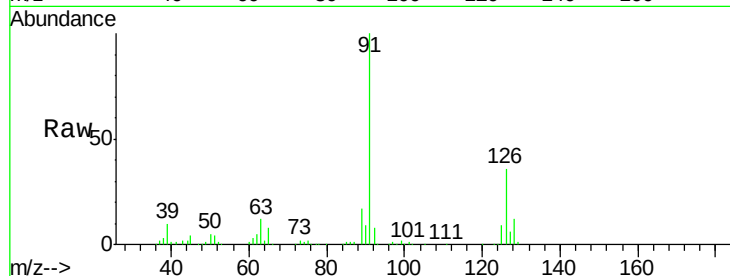
126 35.6 17.3 52.0

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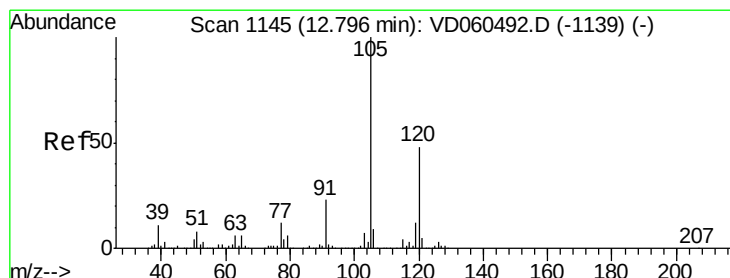
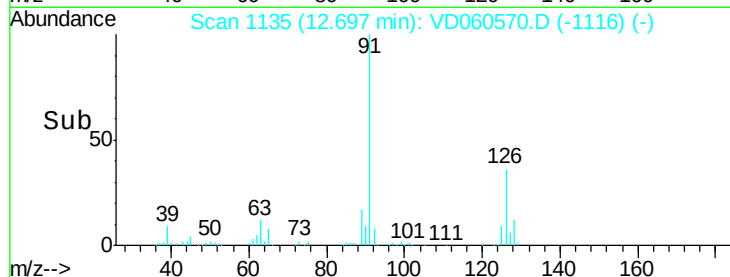
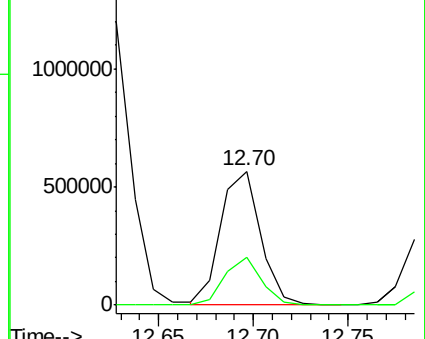
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 21.875 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. -0.01 min

Lab File: VD060570.D

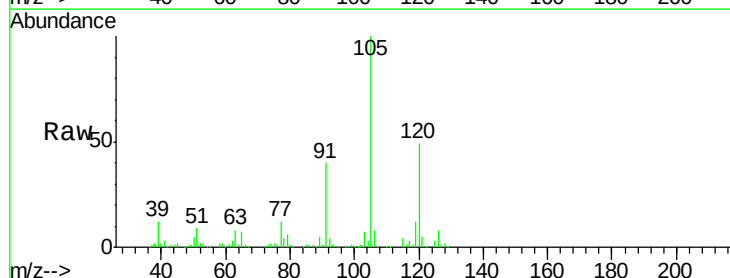
Acq: 14 Dec 2018 13:44

Tgt Ion: 105 Resp: 977435

Ion Ratio Lower Upper

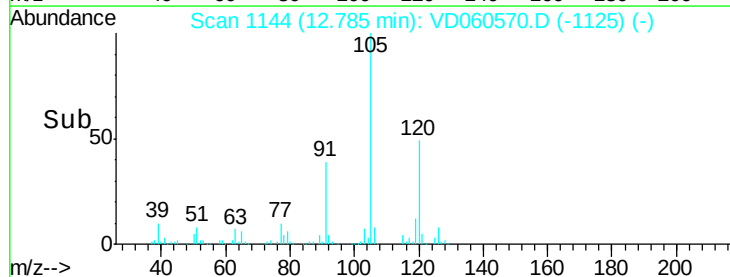
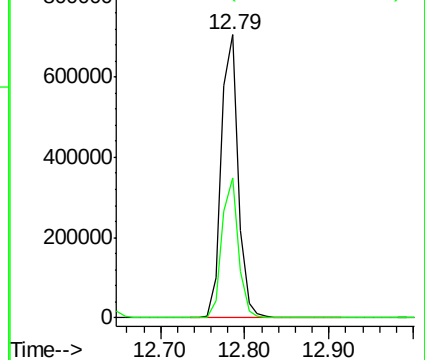
105 100

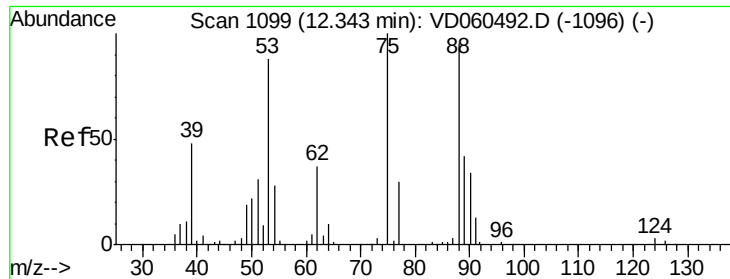
120 49.4 24.2 72.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.996 ug/l

RT: 12.33 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

Instrument :

MSVOA\_D

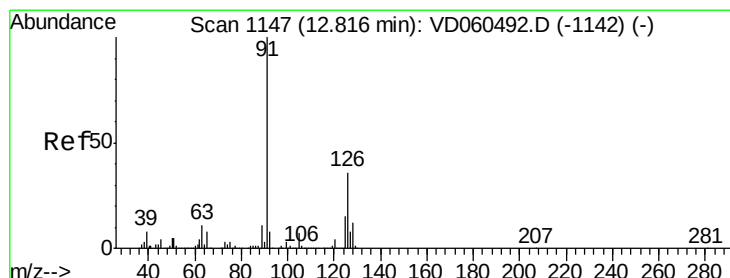
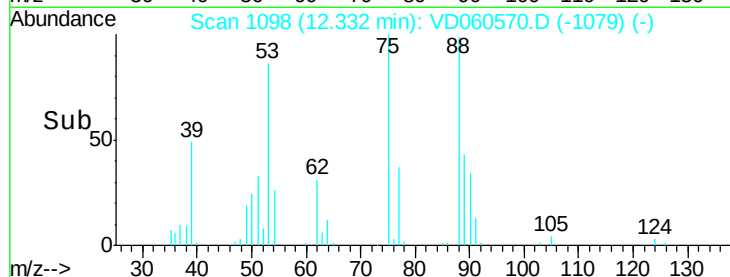
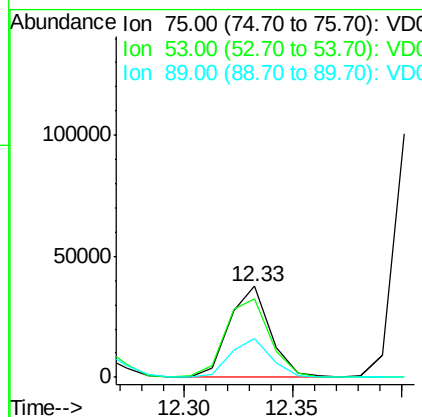
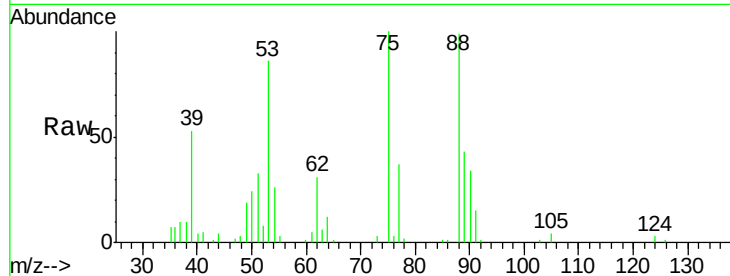
ClientSampleId :

VD1214SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 49606 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 86.3  | 70.5  | 105.7 |
| 89        | 42.9  | 33.6  | 50.4  |

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#82

4-Chlorotoluene

Concen: 21.620 ug/l

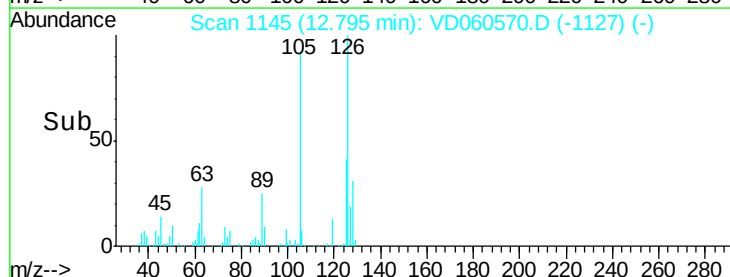
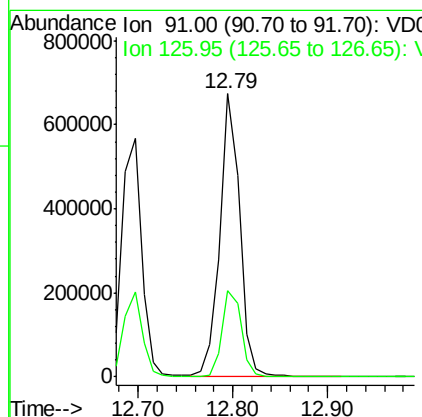
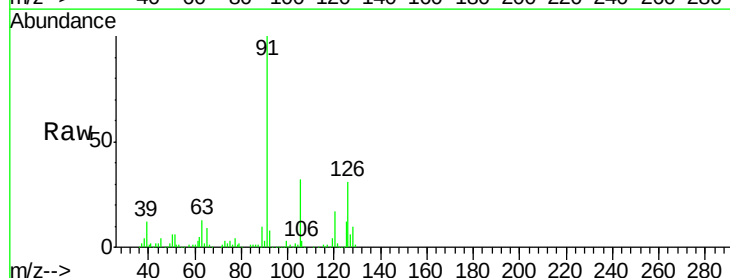
RT: 12.79 min Scan# 1145

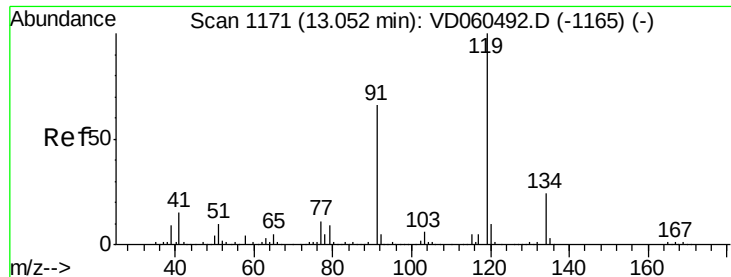
Delta R.T. -0.02 min

Lab File: VD060570.D

Acq: 14 Dec 2018 13:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 974005 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.5  | 17.8  | 53.4   |





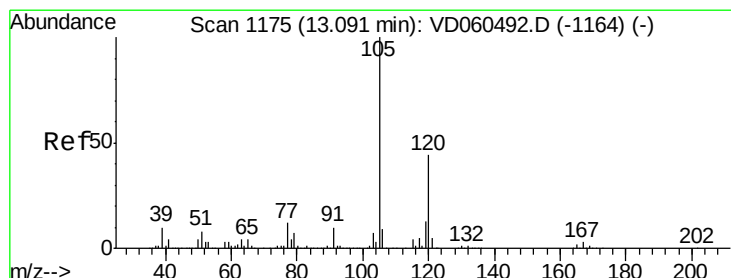
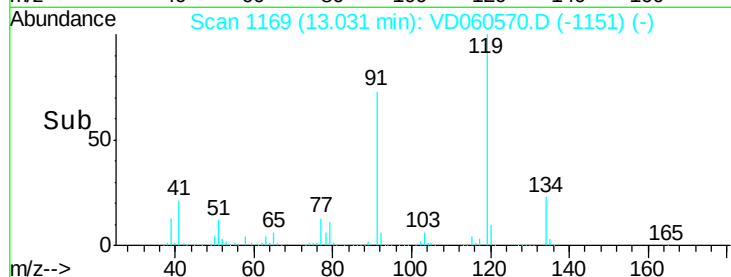
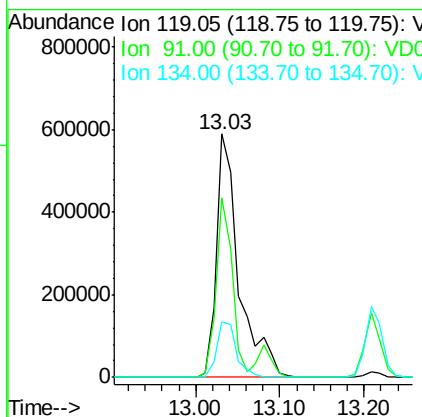
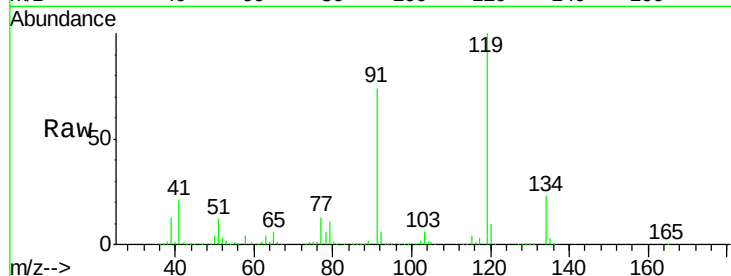
#83  
 tert-Butylbenzene  
 Concen: 21.902 ug/l  
 RT: 13.03 min Scan# 1169  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBSD01

Tgt Ion:119 Resp: 1097295  
 Ion Ratio Lower Upper  
 119 100  
 91 73.8 33.1 99.2  
 134 23.0 12.0 36.0

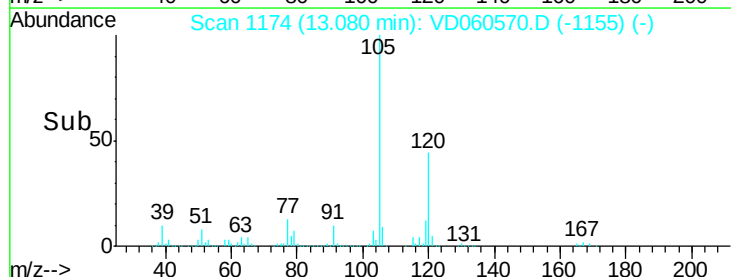
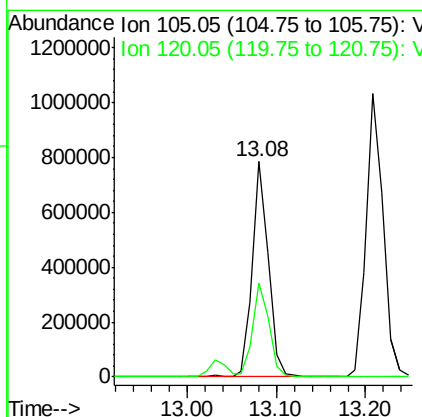
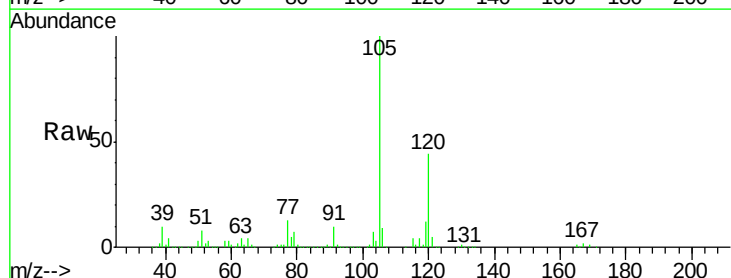
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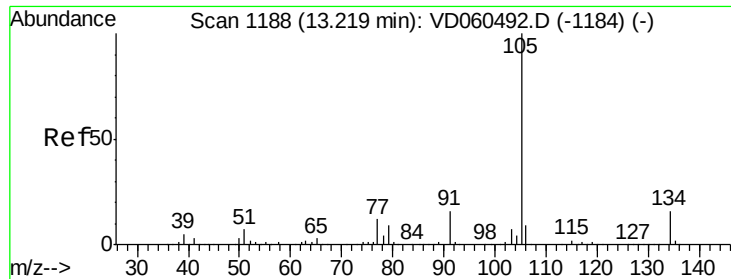
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.020 ug/l  
 RT: 13.08 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Tgt Ion:105 Resp: 972517  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 22.3 66.8





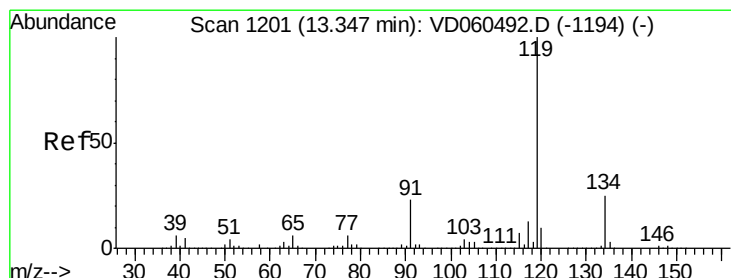
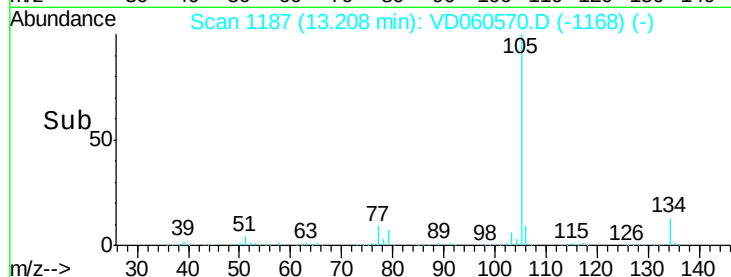
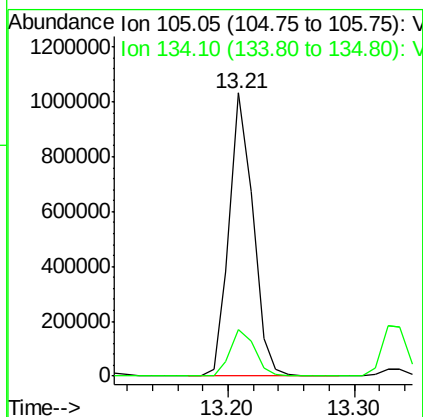
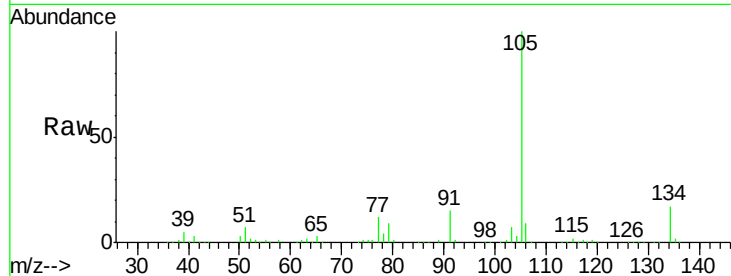
#85  
 sec-Butylbenzene  
 Concen: 21.554 ug/l  
 RT: 13.21 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBSD01

Tgt Ion:105 Resp: 1345917  
 Ion Ratio Lower Upper  
 105 100  
 134 16.6 7.9 23.7

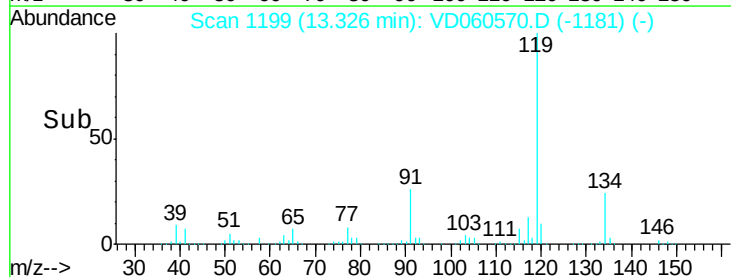
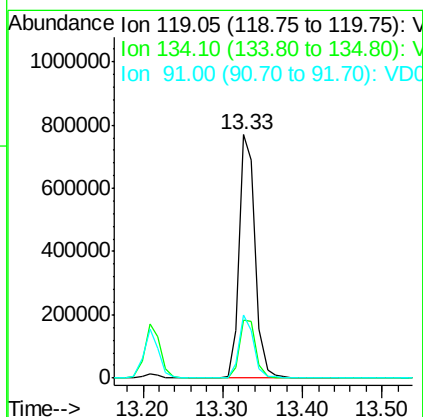
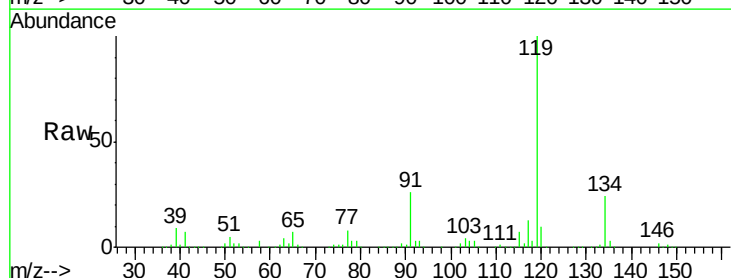
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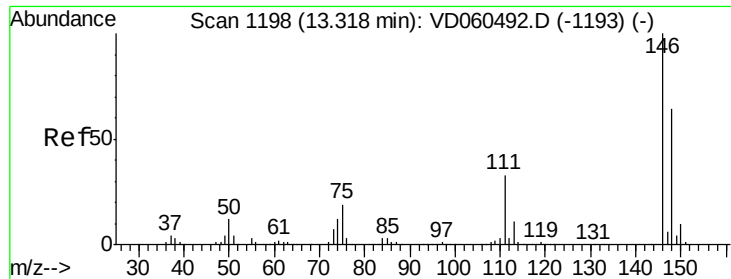


#86  
 p-Isopropyltoluene  
 Concen: 21.739 ug/l  
 RT: 13.33 min Scan# 1199  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Tgt Ion:119 Resp: 1076056  
 Ion Ratio Lower Upper  
 119 100  
 134 23.9 12.5 37.5  
 91 26.0 11.5 34.4







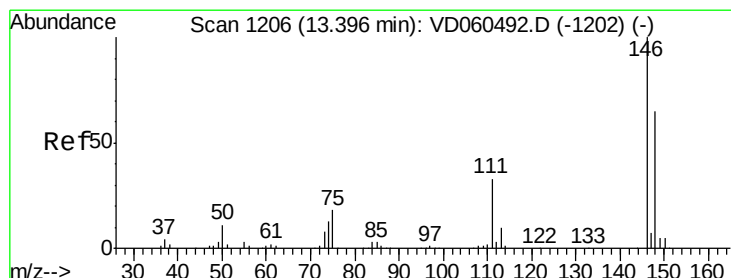
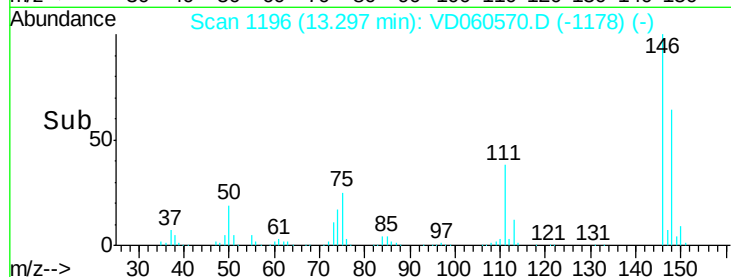
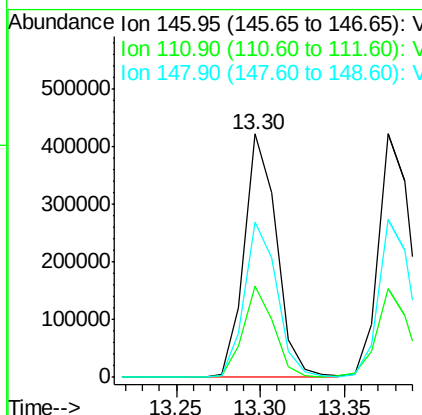
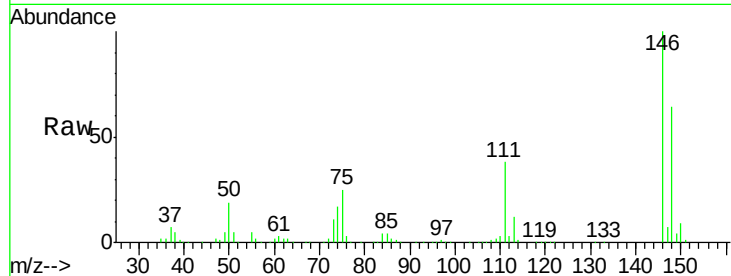
#87  
 1,3-Dichlorobenzene  
 Concen: 20.279 ug/l  
 RT: 13.30 min Scan# 1196  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 16.5  | 49.5  |
| 148     | 64.0  | 32.3  | 96.8  |

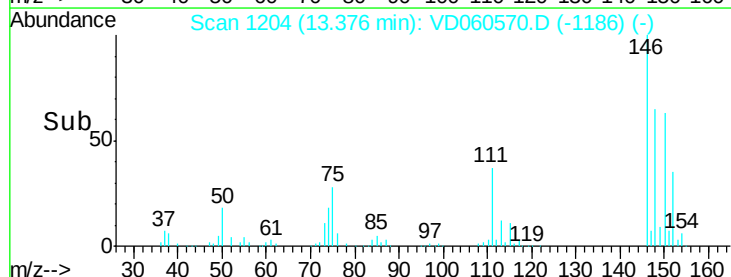
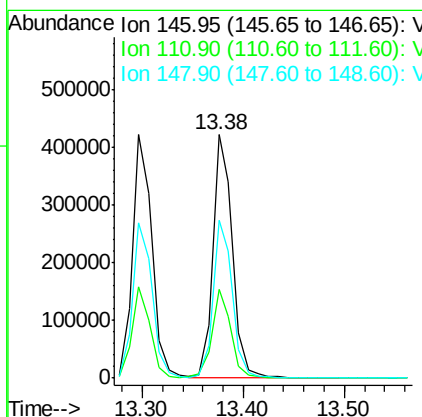
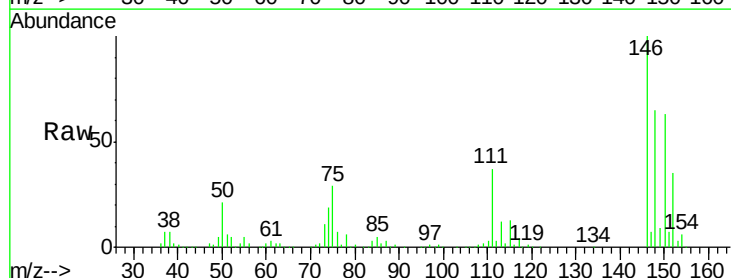
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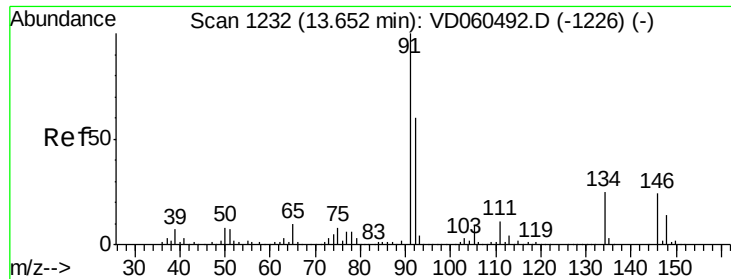
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.809 ug/l  
 RT: 13.38 min Scan# 1204  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 16.4  | 49.1  |
| 148     | 64.8  | 32.6  | 98.0  |





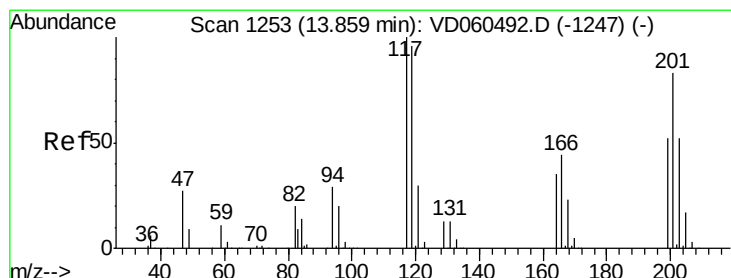
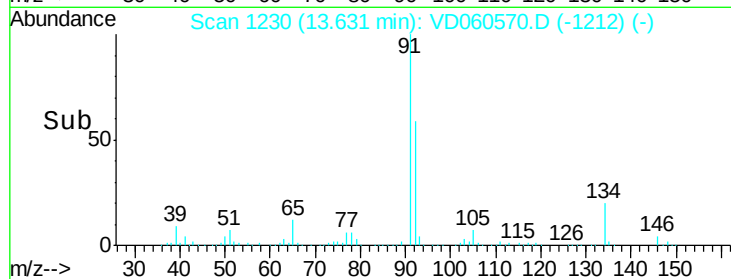
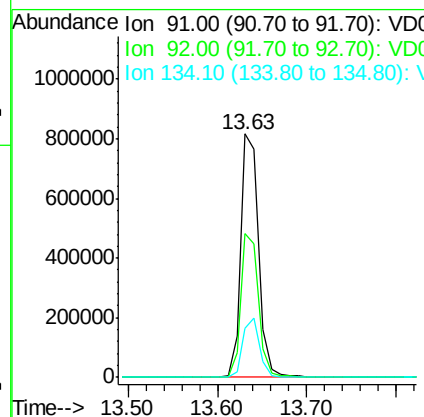
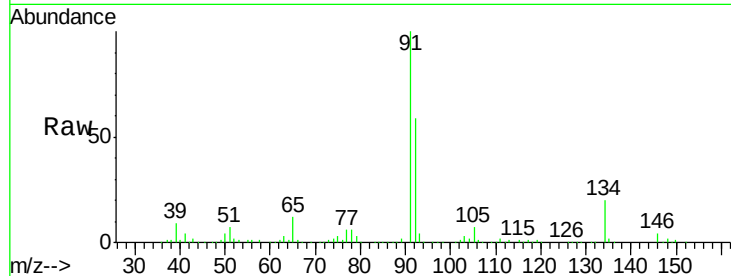
#89  
n-Butylbenzene  
Concen: 20.883 ug/l  
RT: 13.63 min Scan# 1230  
Delta R.T. -0.02 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBS01

Tgt Ion: 91 Resp: 1147244  
Ion Ratio Lower Upper  
91 100  
92 59.1 30.0 90.1  
134 20.2 12.5 37.5

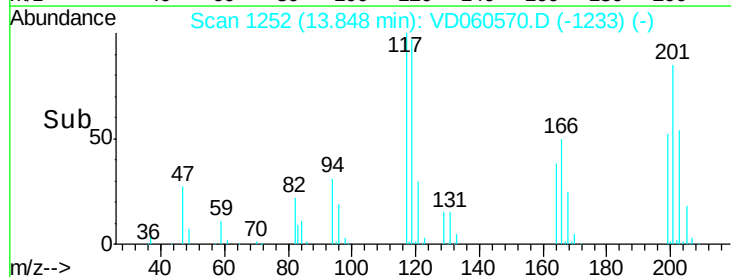
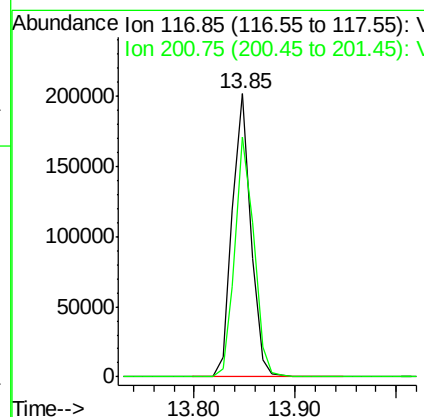
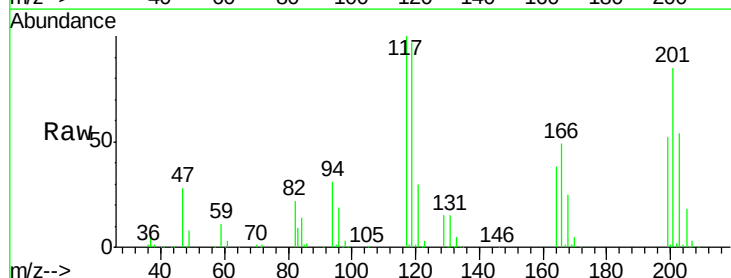
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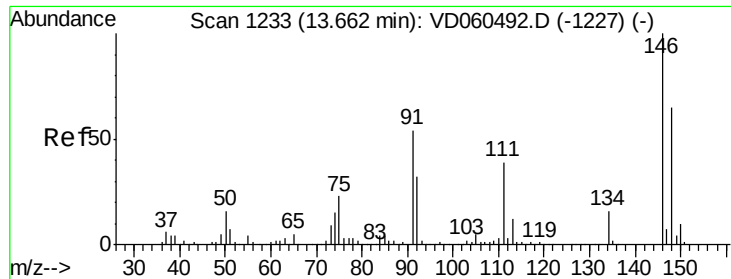
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#90  
Hexachloroethane  
Concen: 20.791 ug/l  
RT: 13.85 min Scan# 1252  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Tgt Ion: 117 Resp: 258034  
Ion Ratio Lower Upper  
117 100  
201 84.7 41.3 123.9





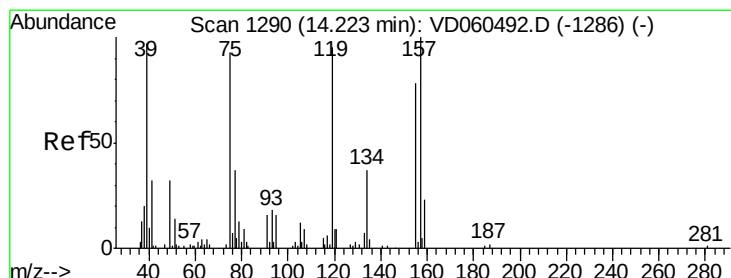
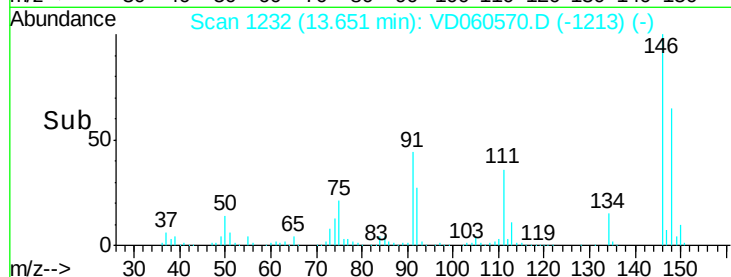
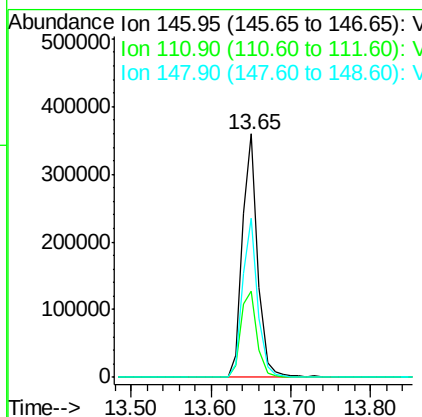
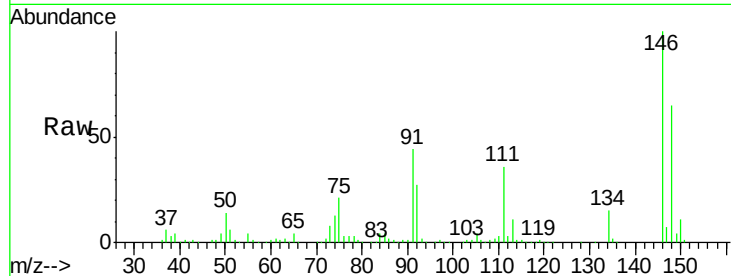
#91  
 1,2-Dichlorobenzene  
 Concen: 21.162 ug/l  
 RT: 13.65 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 481291 |       |       |
| 111     | 35.6  | 19.3   | 57.8  |       |
| 148     | 65.4  | 32.3   | 96.8  |       |

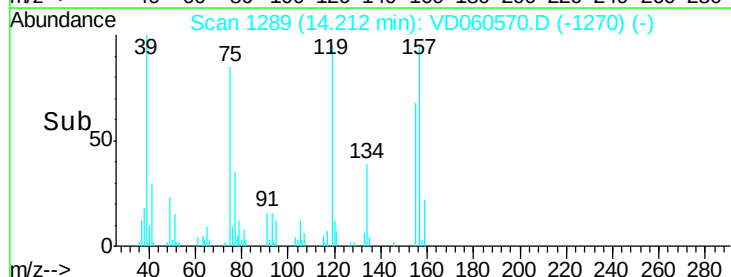
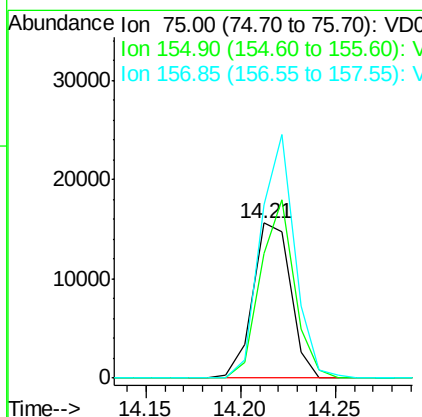
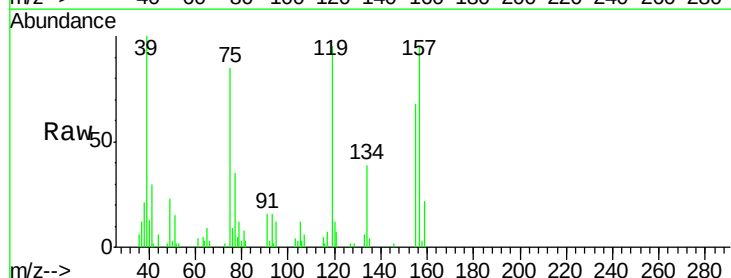
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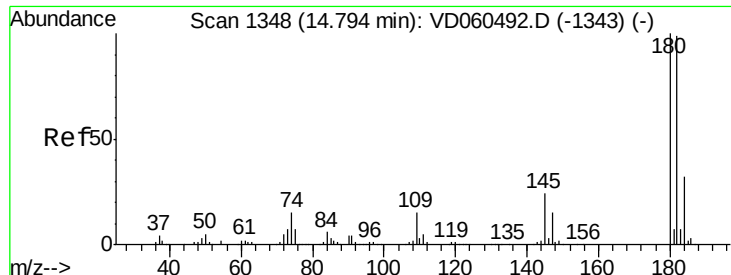
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.127 ug/l  
 RT: 14.21 min Scan# 1289  
 Delta R.T. -0.01 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 21696 |       |       |
| 155     | 80.1  | 41.6  | 124.9 |       |
| 157     | 112.0 | 53.6  | 160.8 |       |





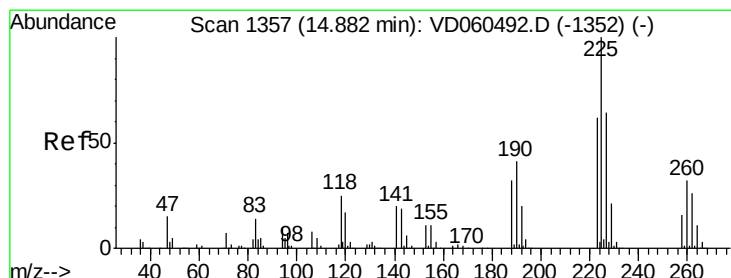
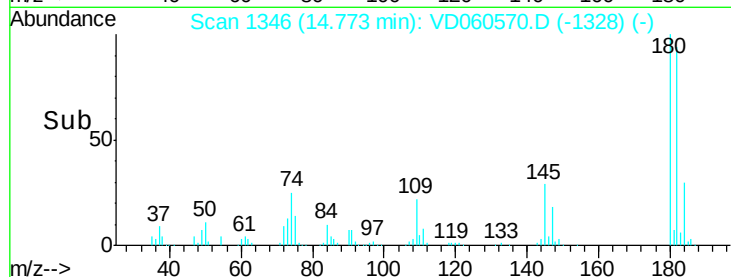
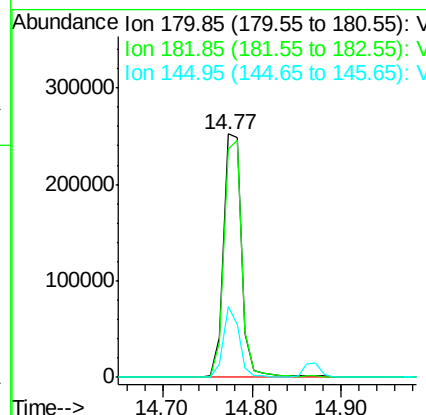
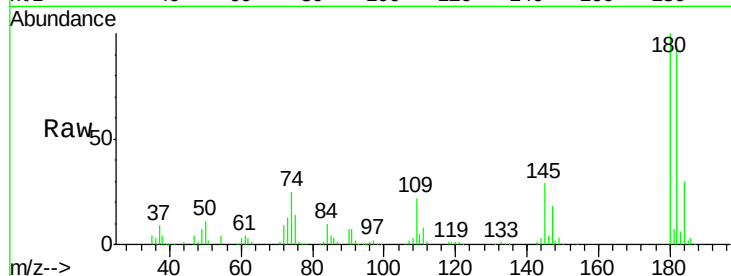
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.416 ug/l  
 RT: 14.77 min Scan# 1346  
 Delta R.T. -0.02 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1214SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 362988 |       |       |
| 182     | 93.9  | 49.4   | 148.0 |       |
| 145     | 29.3  | 11.9   | 35.9  |       |

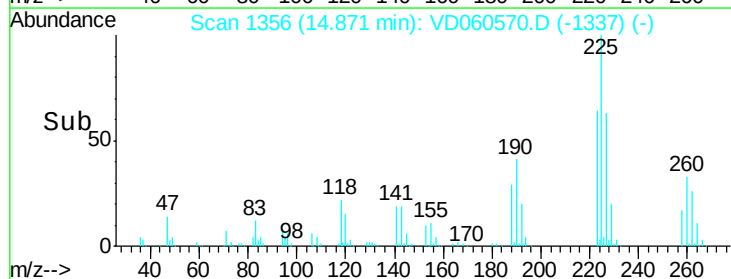
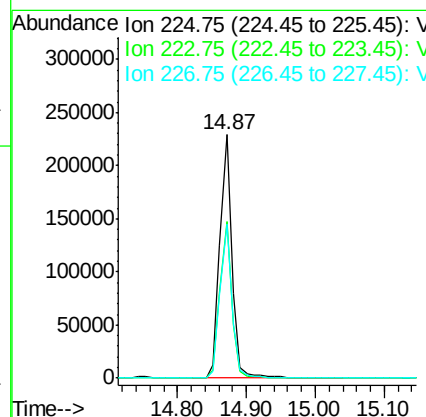
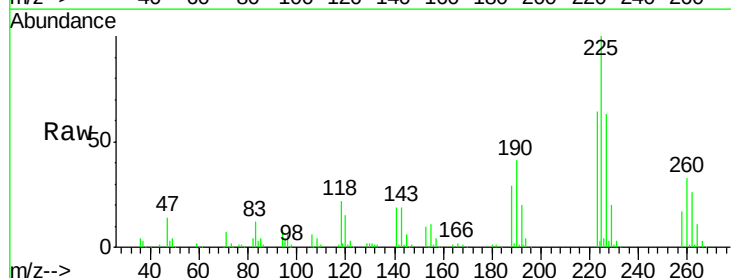
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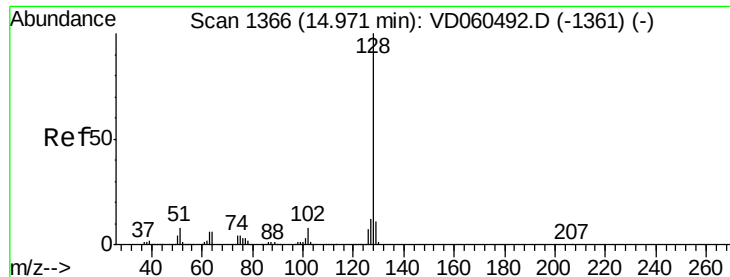
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#94  
 Hexachlorobutadiene  
 Concen: 21.401 ug/l  
 RT: 14.87 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: VD060570.D  
 Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 280735 |       |       |
| 223     | 64.1  | 31.2   | 93.6  |       |
| 227     | 63.4  | 32.0   | 96.0  |       |





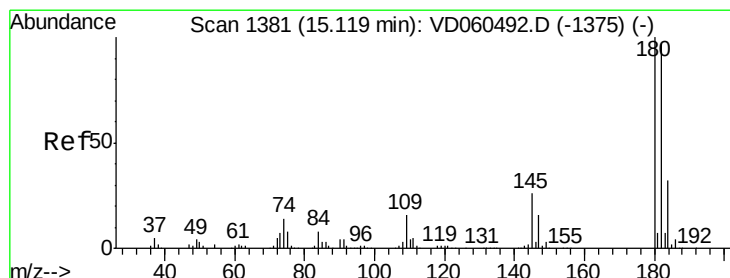
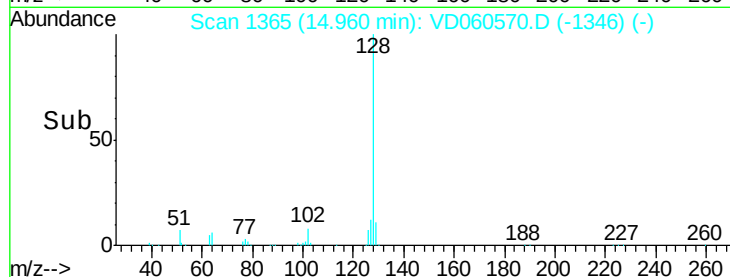
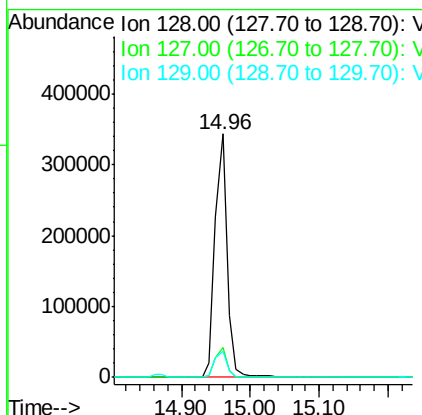
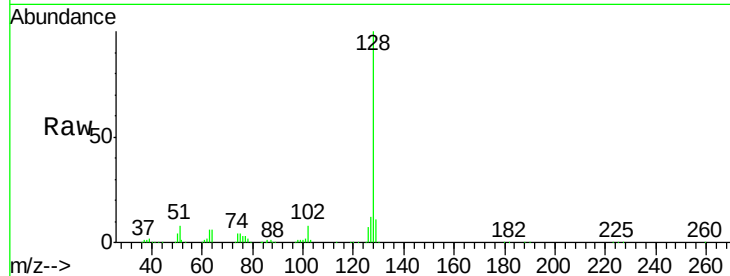
#95  
Naphthalene  
Concen: 19.769 ug/l  
RT: 14.96 min Scan# 1365  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1214SBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 418134 |       |       |
| 127     | 12.3  | 9.8    | 14.8  |       |
| 129     | 10.5  | 8.6    | 13.0  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.957 ug/l  
RT: 15.11 min Scan# 1380  
Delta R.T. -0.01 min  
Lab File: VD060570.D  
Acq: 14 Dec 2018 13:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 282725 |       |       |
| 182     | 97.3  | 48.5   | 145.5 |       |
| 145     | 25.9  | 12.9   | 38.7  |       |

