

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\  
 Data File : VD065656.D  
 Acq On : 17 Apr 2020 20:45  
 Operator : VA/SY  
 Sample : VD0417SBS01  
 Misc : 5.65G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/20/2020 4:28:24 PM

Quant Time: Apr 20 08:25:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 15 19:43:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 201462   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 298449   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 292874   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 154947   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 102121   | 59.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 119.18% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 100947   | 54.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.70% |      |
| 50) Toluene-d8            | 10.34  | 98  | 371422   | 54.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.48% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 124446   | 54.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.24% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 27640  | 16.476  | ug/l   | 97     |
| 3) Chloromethane              | 2.21 | 50  | 33981  | 18.561  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 38131  | 19.171  | ug/l   | 100    |
| 5) Bromomethane               | 2.75 | 94  | 24084  | 22.294  | ug/l   | 95     |
| 6) Chloroethane               | 2.91 | 64  | 23171  | 19.595  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 54015  | 19.049  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.70 | 74  | 12548  | 21.544  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 25592  | 19.798  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.29 | 142 | 20223  | 15.374  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.24 | 59  | 9403   | 110.657 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 22205  | 19.110  | ug/l   | 96     |
| 13) Acrolein                  | 3.92 | 56  | 7633   | 100.636 | ug/l   | 92     |
| 14) Allyl chloride            | 4.71 | 41  | 51303  | 26.241  | ug/l   | 90     |
| 15) Acrylonitrile             | 5.43 | 53  | 41598  | 118.599 | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 25345  | 103.407 | ug/l   | 92     |
| 17) Carbon Disulfide          | 4.40 | 76  | 97884  | 22.839  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.72 | 43  | 21530  | 27.445  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 70406  | 21.397  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.96 | 84  | 48157  | 31.080  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 38693  | 20.608  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.37 | 45  | 113199 | 21.108  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.31 | 43  | 298365 | 102.032 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 67777  | 20.004  | ug/l   | 100    |
| 25) 2-Butanone                | 7.22 | 43  | 48883  | 106.890 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 53494  | 18.114  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 40583  | 19.483  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 32871  | 24.291  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.57 | 42  | 30860  | 106.351 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83  | 70668  | 20.379  | ug/l   | 98     |
| 31) Cyclohexane               | 7.98 | 56  | 57328  | 17.762  | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 60888  | 19.529  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 51740  | 17.954  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 22298  | 19.402  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 57421  | 18.602  | ug/l   | 99     |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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Manual Integrations  
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 4/20/2020 4:28:24 PM

Quant Time: Apr 20 08:25:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 15 19:43:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 55320    | 16.496  | ug/l   | 96       |
| 40) Benzene                    | 8.36  | 78   | 155839   | 18.809  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.53  | 41   | 12637m   | 22.202  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 47170    | 20.773  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 41383    | 19.997  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 41815    | 18.029  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 39531    | 19.440  | ug/l   | 98       |
| 46) Dibromomethane             | 9.48  | 93   | 21074    | 20.041  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 56421    | 20.149  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 19083    | 18.364  | ug/l # | 90       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 4949     | 405.013 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 107538   | 99.144  | ug/l   | 98       |
| 52) Toluene                    | 10.41 | 92   | 100462   | 19.668  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 49158    | 19.119  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 59499    | 19.121  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 31523    | 21.194  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 30738    | 18.840  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 51342    | 20.272  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 90353    | 108.427 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 72233    | 97.344  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 40140    | 20.491  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 29174    | 20.385  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 37804    | 17.990  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 110627   | 19.078  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 43032    | 19.410  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 178062   | 17.968  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 139065   | 36.323  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 60852    | 18.115  | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 111946   | 18.827  | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 23761    | 19.077  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 158226   | 16.931  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.30 | 43   | 36492    | 18.538  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 34685    | 20.441  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 21828m   | 17.521  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 46833    | 18.871  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 201562   | 17.829  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 116386   | 18.128  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 141281   | 17.914  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 10338    | 18.186  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 125572   | 18.176  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 113295   | 17.133  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 143406   | 18.239  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 160310   | 16.946  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 144524   | 16.278  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 85182    | 17.531  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 87849    | 18.164  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.85 | 91   | 130735   | 16.224  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.12 | 117  | 33227    | 17.845  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 78946    | 18.949  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5072     | 19.765  | ug/l   | 90       |

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Sample : VD0417SBS01  
Misc : 5.65G/5.00ml/MSVOA D/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Wed Apr 15 19:43:39 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 48218    | 16.826 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 32985    | 16.788 | ug/l  | 100      |
| 95) Naphthalene            | 15.41 | 128  | 71593    | 17.487 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 44393    | 17.559 | ug/l  | 99       |

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

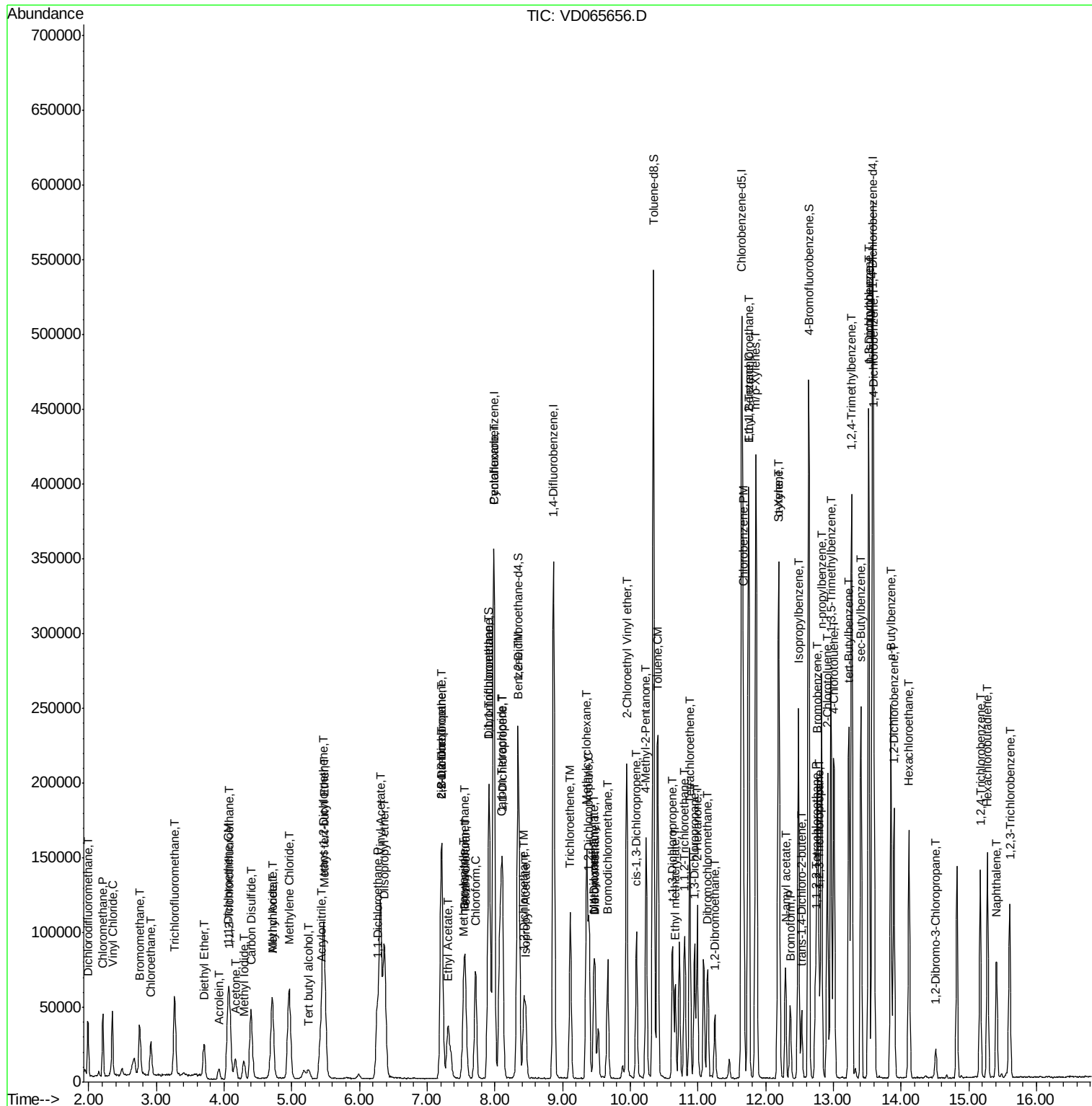
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 Data File : VD065656.D  
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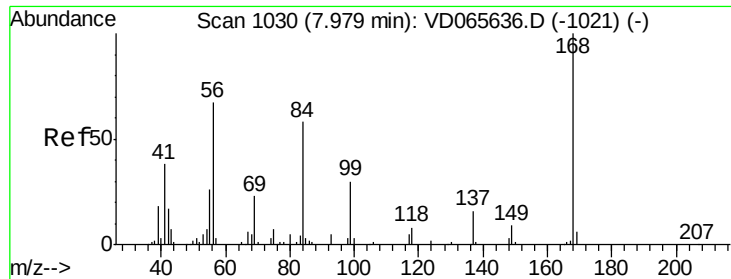
Instrument :  
 MSVOA\_D  
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 VD0417SBS01

Manual Integrations  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion:168 Resp: 201462

Ion Ratio Lower Upper

168 100

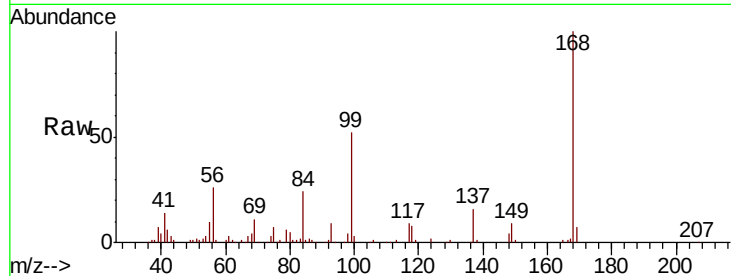
99 51.5 40.3 60.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

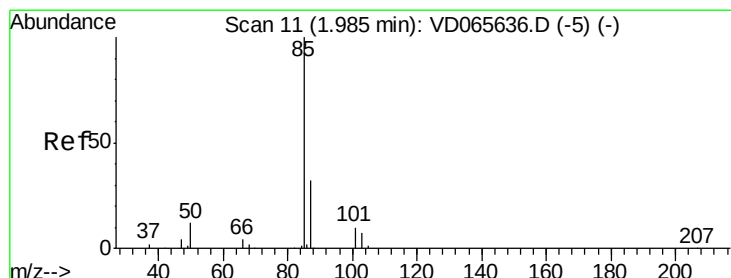
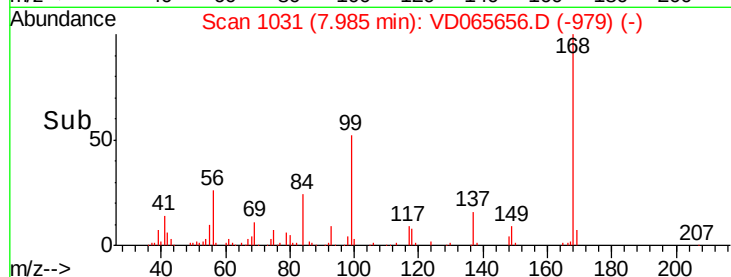
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.476 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065656.D

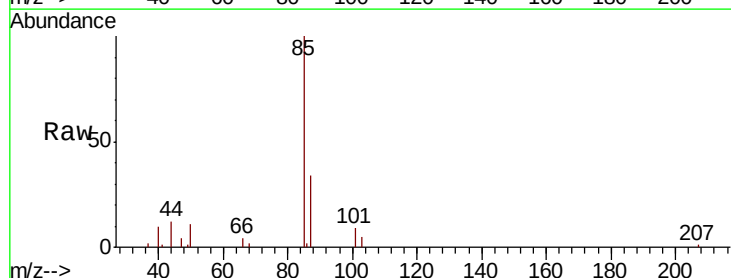
Acq: 17 Apr 2020 20:45

Tgt Ion: 85 Resp: 27640

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

20000

15000

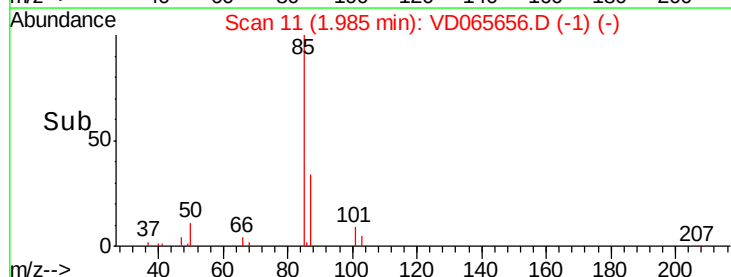
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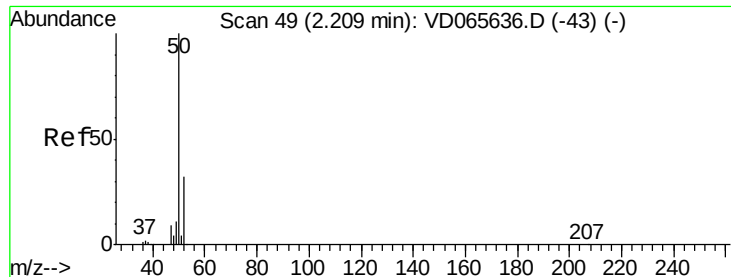
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.561 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 50 Resp: 33981

Ion Ratio Lower Upper

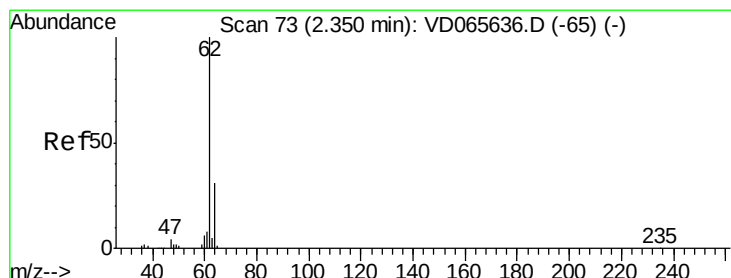
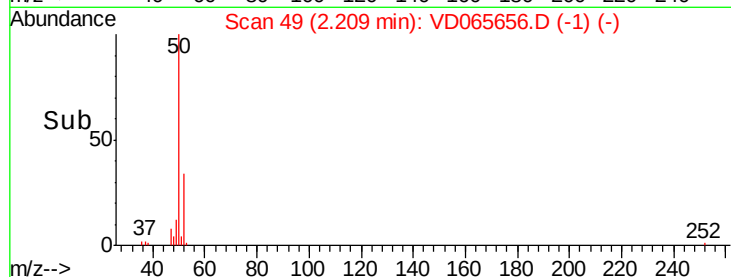
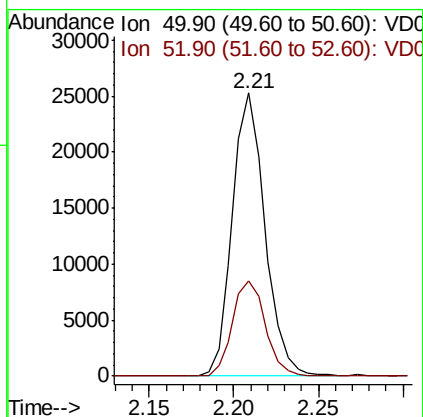
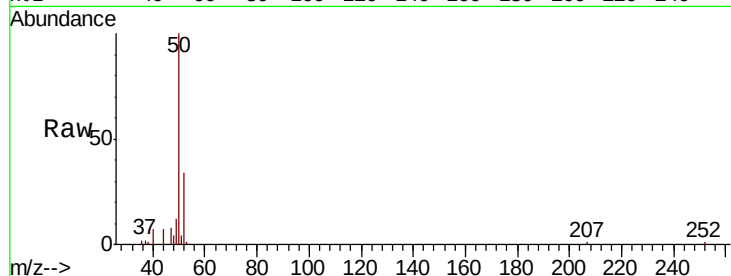
50 100

52 33.6 25.7 38.5

Manual Integrations  
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#4

Vinyl Chloride

Concen: 19.171 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065656.D

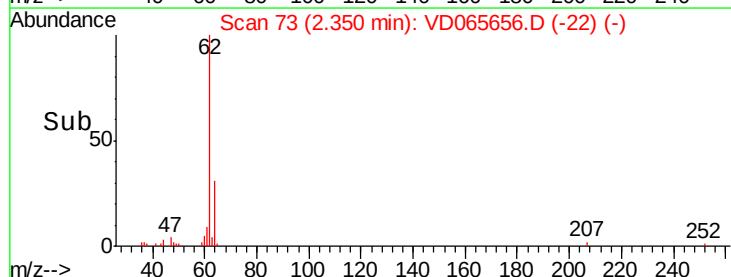
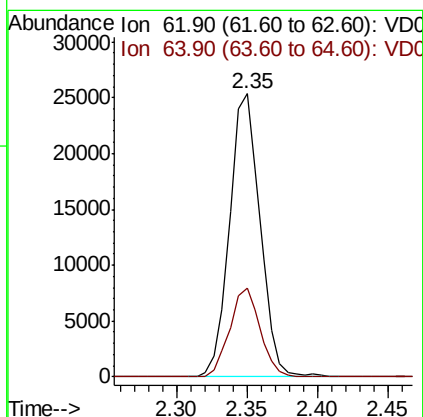
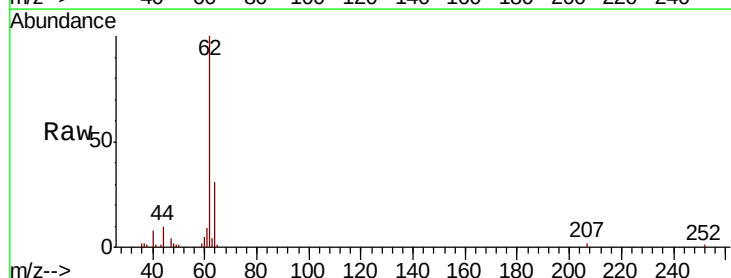
Acq: 17 Apr 2020 20:45

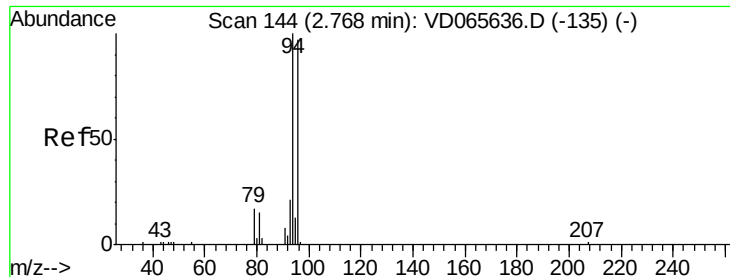
Tgt Ion: 62 Resp: 38131

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 22.294 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 94 Resp: 24084

Ion Ratio Lower Upper

94 100

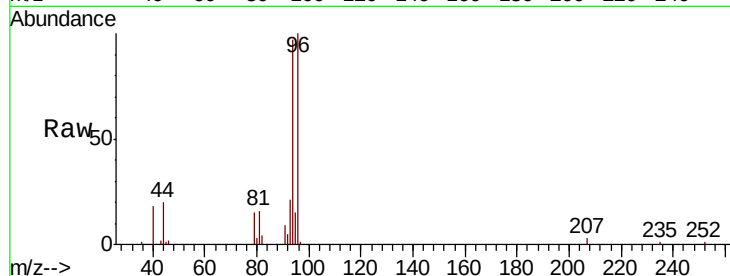
96 102.6 77.9 116.9

Manual Integrations

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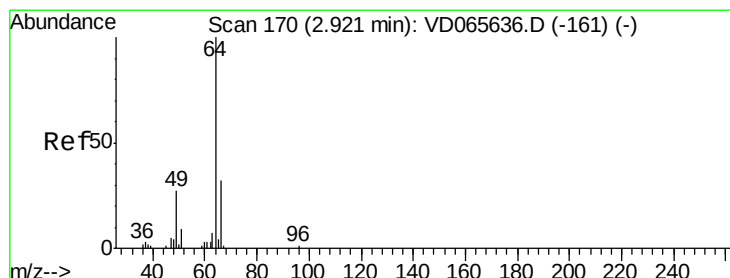
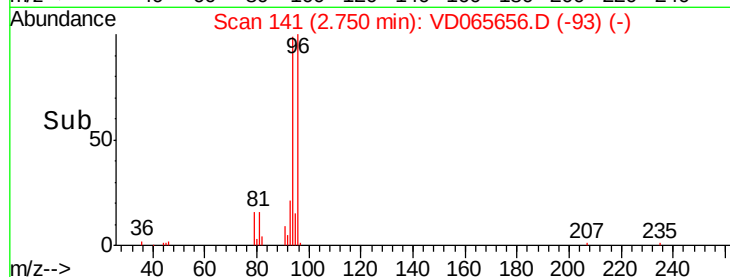
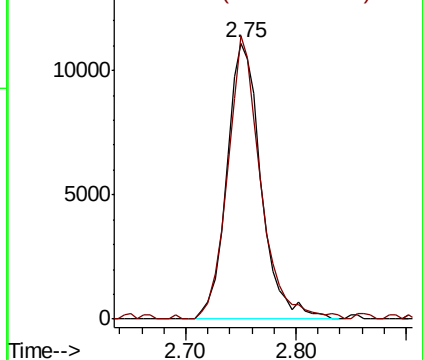
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.595 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065656.D

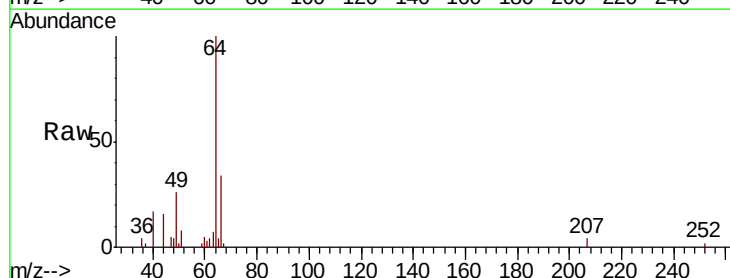
Acq: 17 Apr 2020 20:45

Tgt Ion: 64 Resp: 23171

Ion Ratio Lower Upper

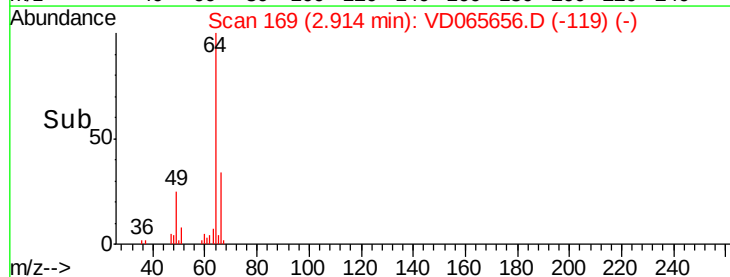
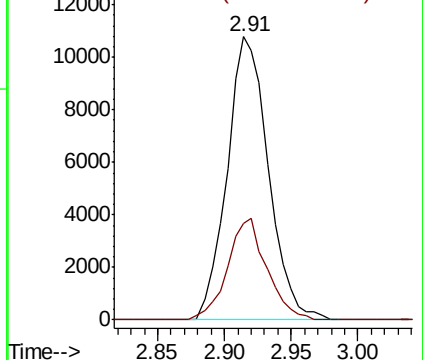
64 100

66 34.2 25.6 38.4

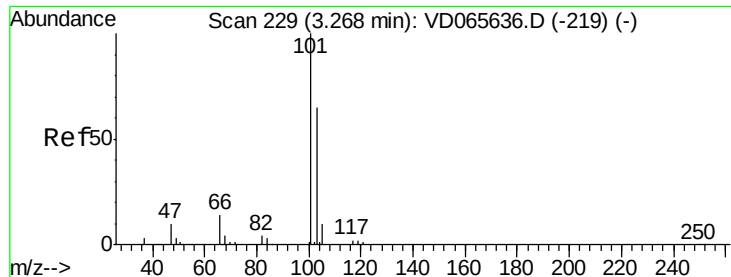


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

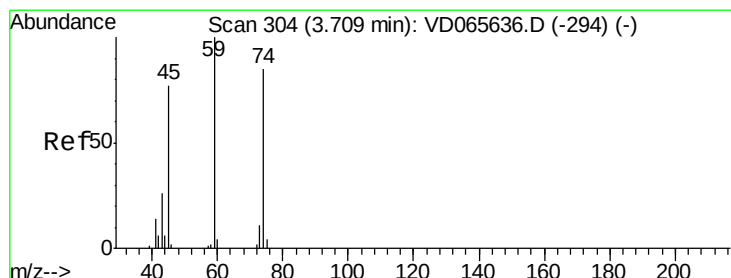
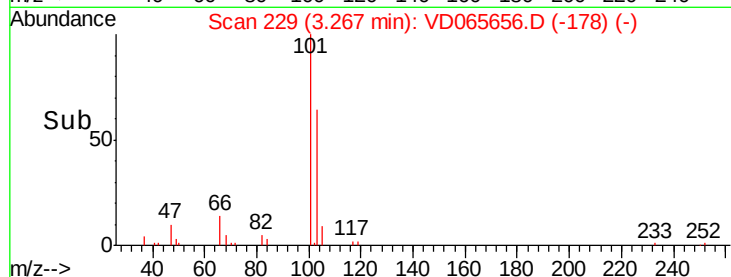
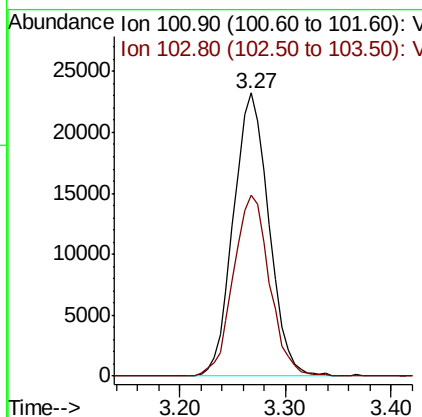
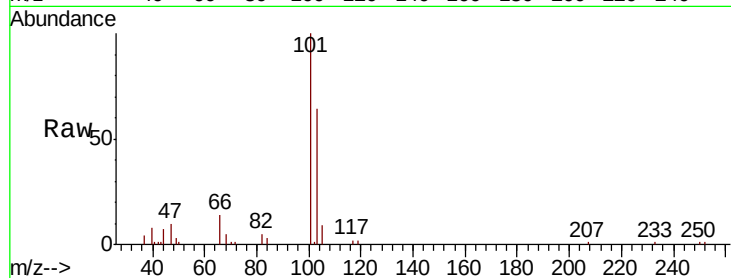
Trichlorofluoromethane  
 Concen: 19.049 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.8  | 52.2  | 78.4  |

Manual Integrations  
 APPROVED

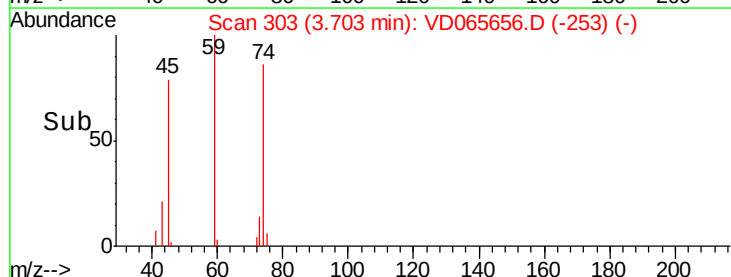
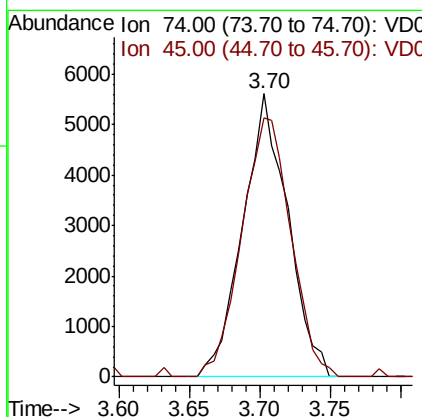
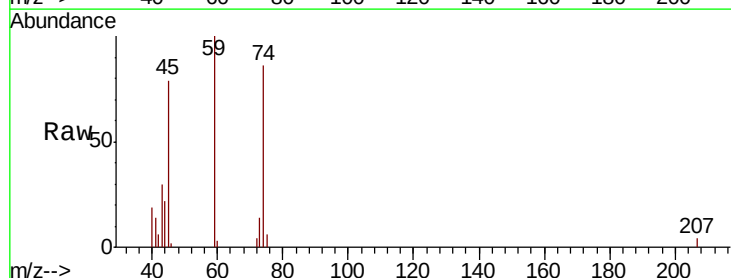
MMDadoda  
 4/20/2020 4:28:24 PM



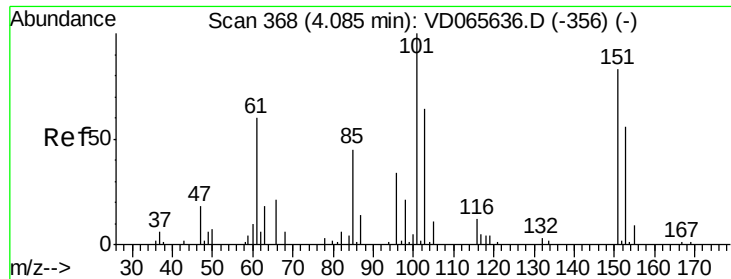
#8

Diethyl Ether  
 Concen: 21.544 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.8  | 49.9  | 149.6 |







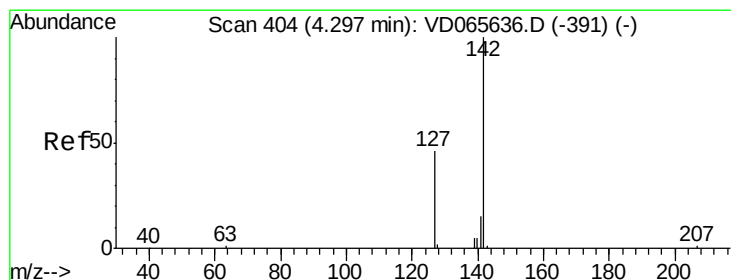
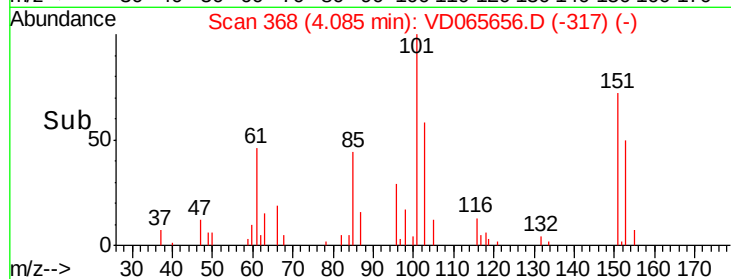
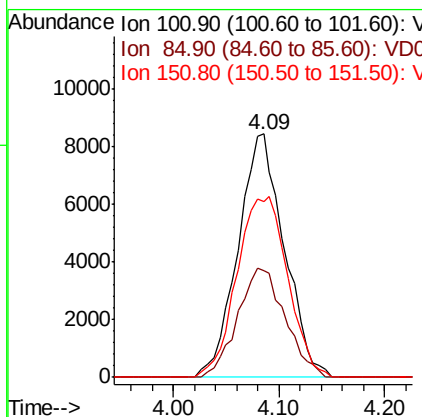
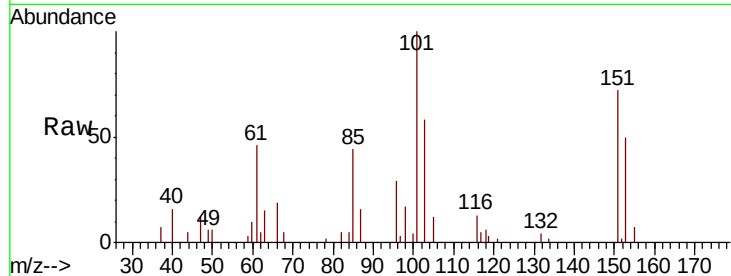
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.798 ug/l  
RT: 4.09 min Scan# 368  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 25592 |       |       |
| 85      | 46.1  | 36.2  | 54.2  |       |
| 151     | 81.4  | 65.6  | 98.4  |       |

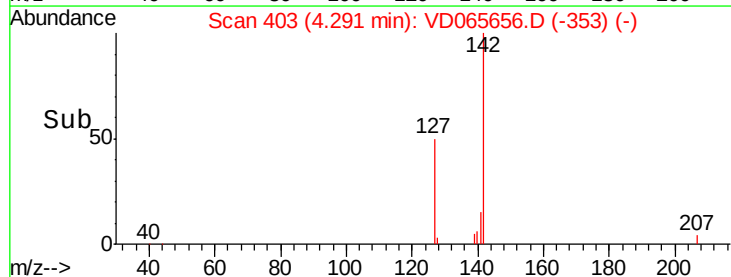
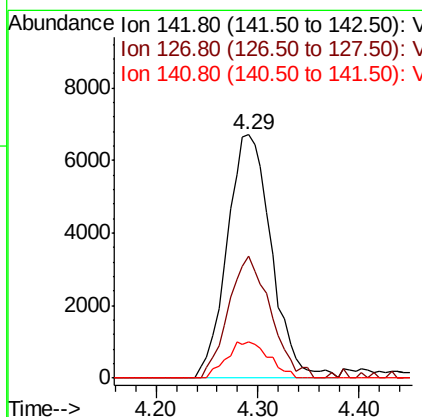
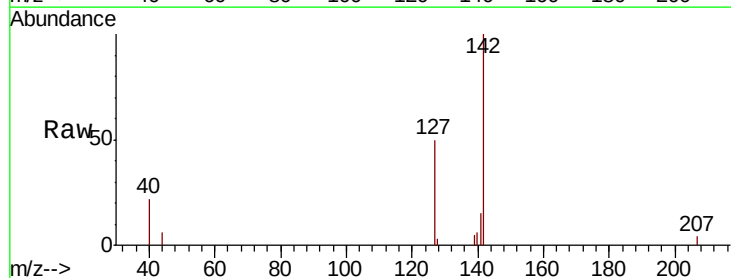
Manual Integrations  
APPROVED

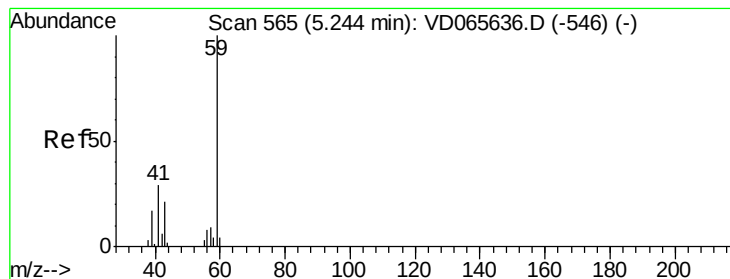
MMDadoda  
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#10  
Methyl Iodide  
Concen: 15.374 ug/l  
RT: 4.29 min Scan# 403  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 20223 |       |       |
| 127     | 47.8  | 38.1  | 57.1  |       |
| 141     | 14.4  | 12.1  | 18.1  |       |





#11

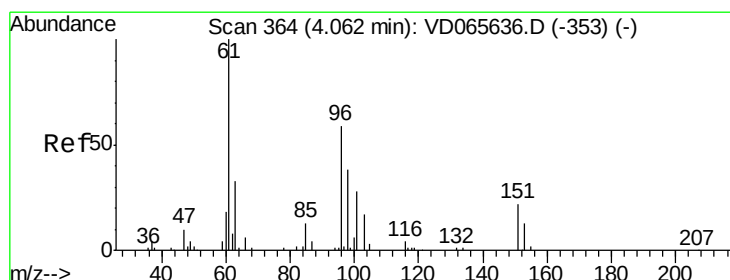
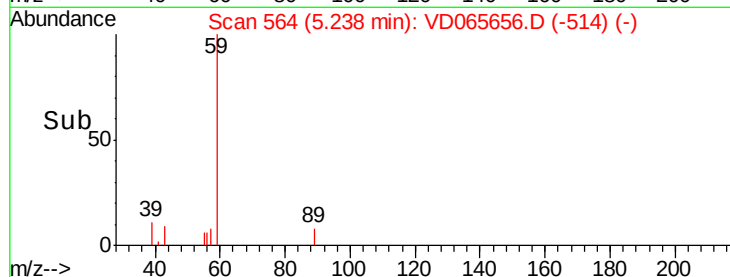
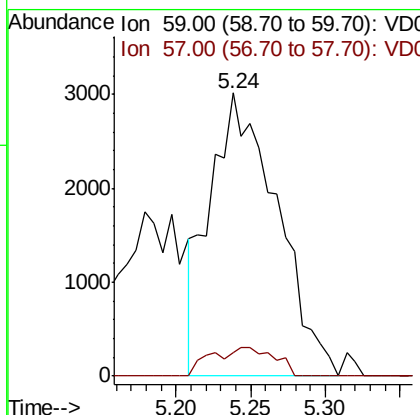
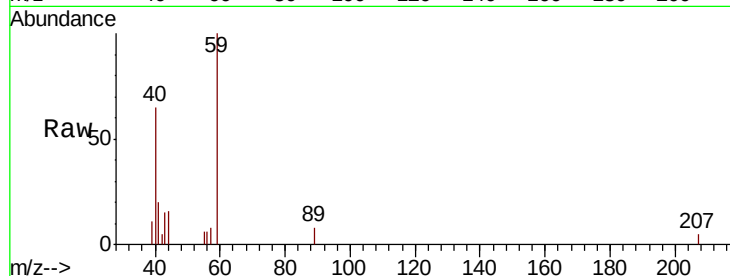
Tert butyl alcohol  
Concen: 110.657 ug/l  
RT: 5.24 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 59 Resp: 9403  
Ion Ratio Lower Upper  
59 100  
57 6.4 7.4 11.2#

Manual Integrations  
APPROVED

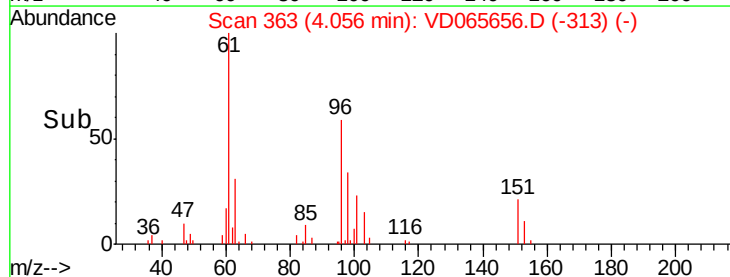
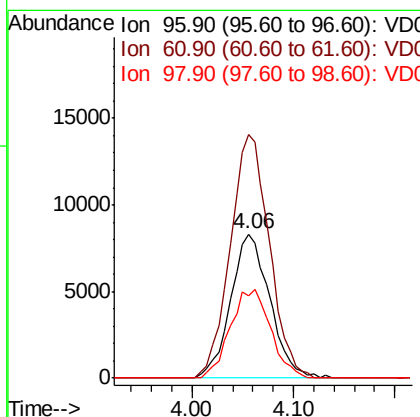
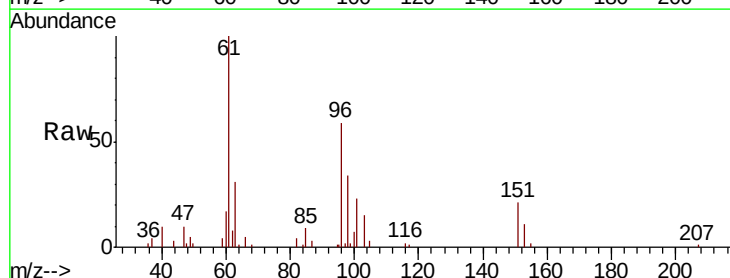
MMDadoda  
4/20/2020 4:28:24 PM

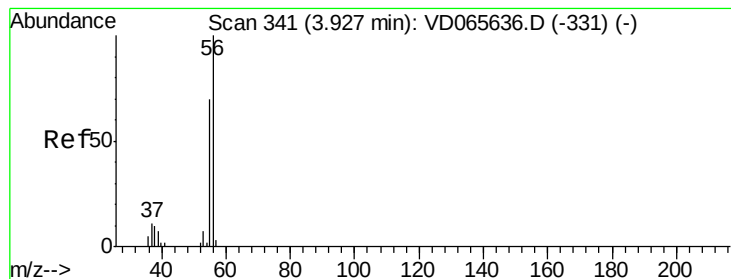


#12

1,1-Dichloroethene  
Concen: 19.110 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Tgt Ion: 96 Resp: 22205  
Ion Ratio Lower Upper  
96 100  
61 168.6 136.2 204.2  
98 57.4 52.2 78.2





#13

Acrolein

Concen: 100.636 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 56 Resp: 7633

Ion Ratio Lower Upper

56 100

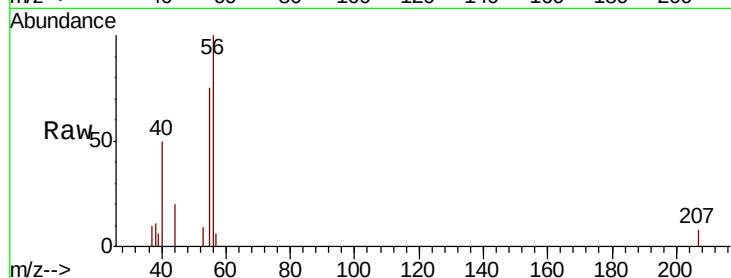
55 79.1 58.2 87.2

Manual Integrations

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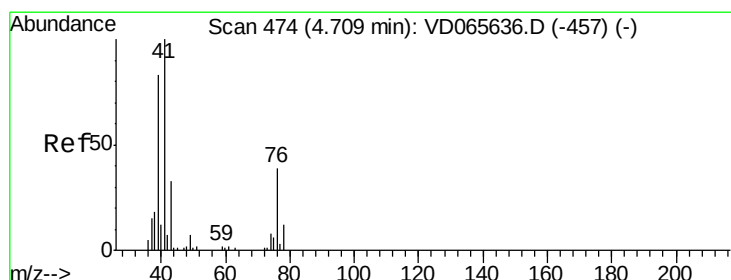
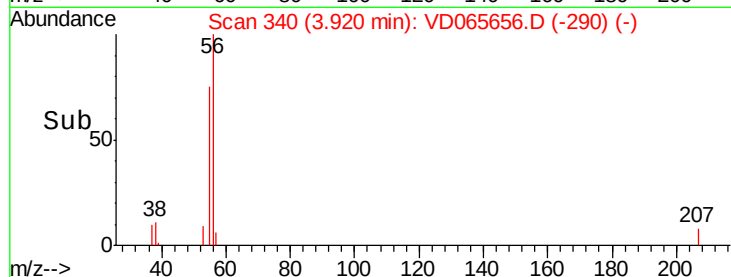
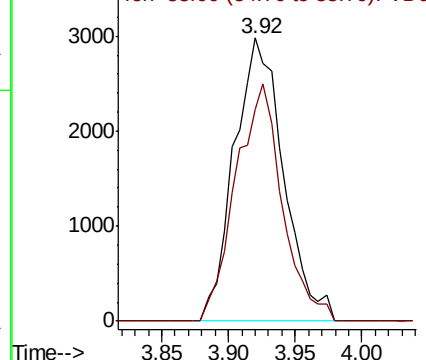
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 26.241 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

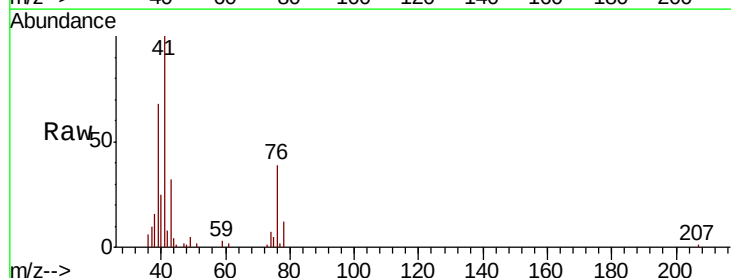
Tgt Ion: 41 Resp: 51303

Ion Ratio Lower Upper

41 100

39 66.2 62.5 93.7

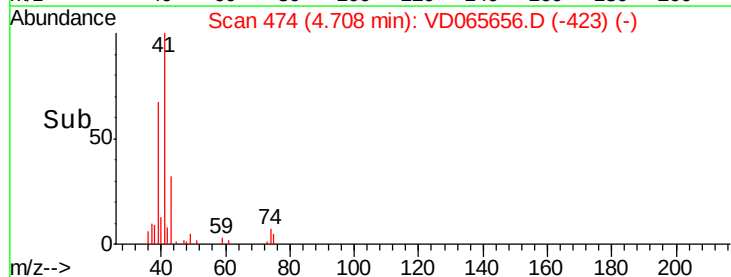
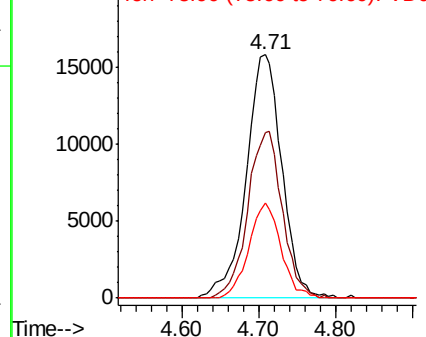
76 35.1 29.1 43.7

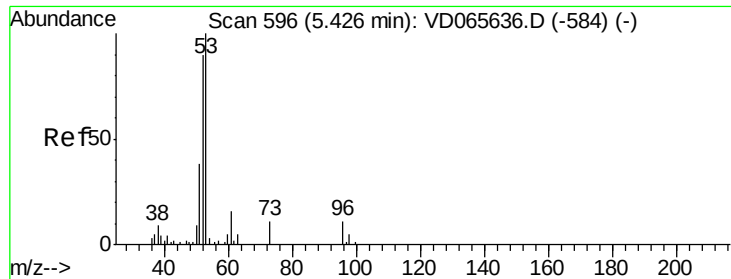


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 118.599 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

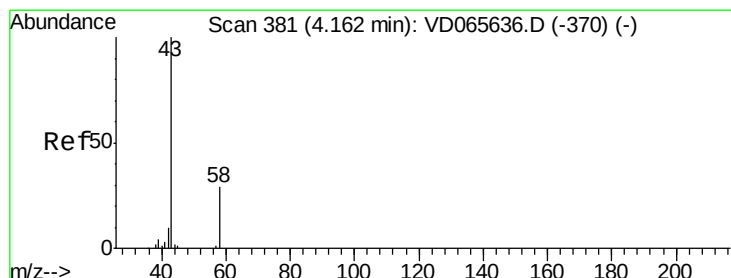
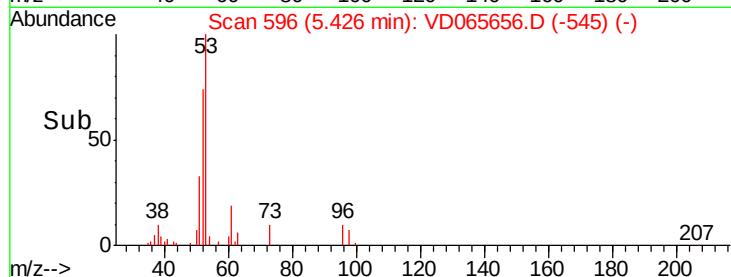
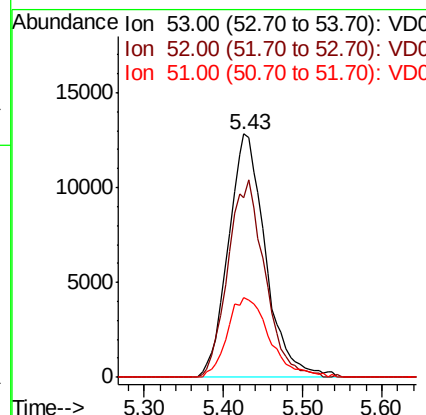
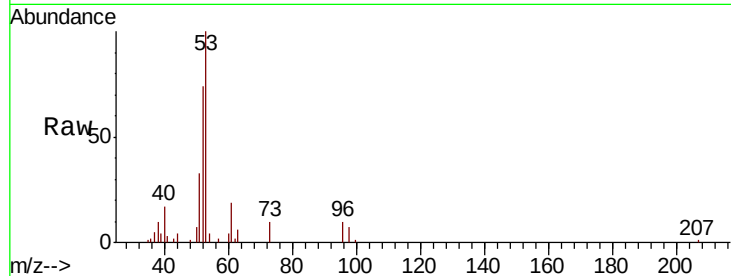
ClientSampleId :

VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 41598 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.7  | 65.8  | 98.6  |
| 51       | 37.3  | 30.9  | 46.3  |

Manual Integrations  
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#16

Acetone

Concen: 103.407 ug/l

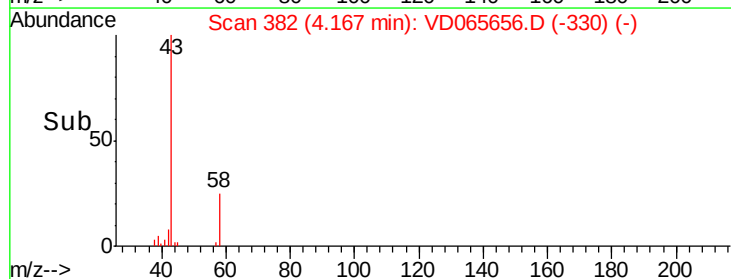
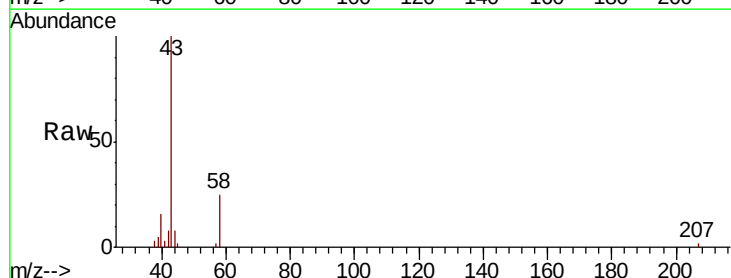
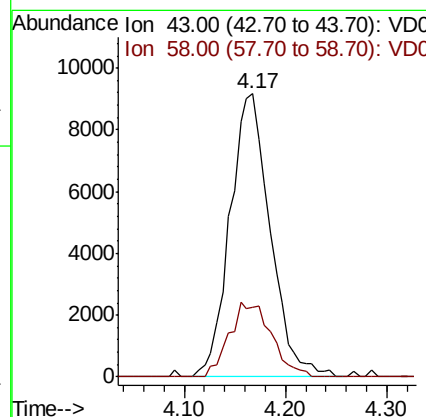
RT: 4.17 min Scan# 382

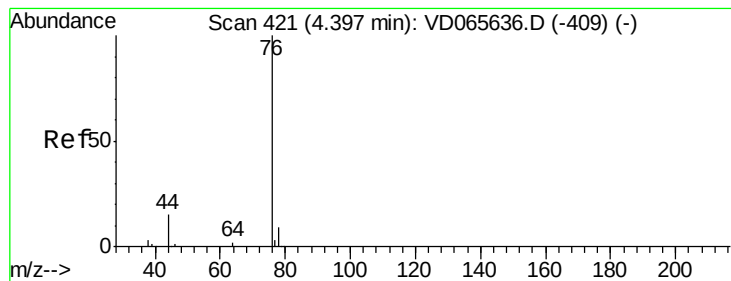
Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25345 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 24.5  | 22.9  | 34.3  |





#17

Carbon Disulfide

Concen: 22.839 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 76 Resp: 97884

Ion Ratio Lower Upper

76 100

78 9.5

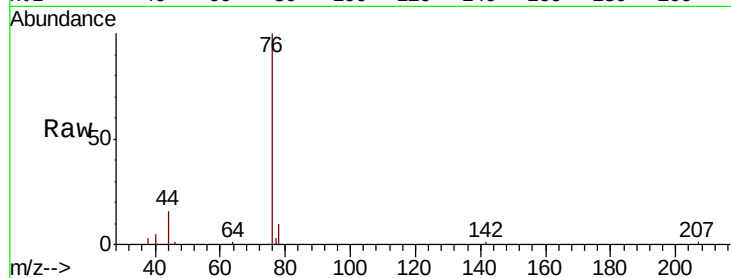
7.3 10.9

Manual Integrations

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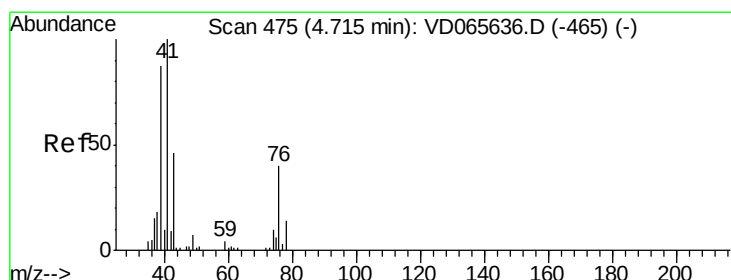
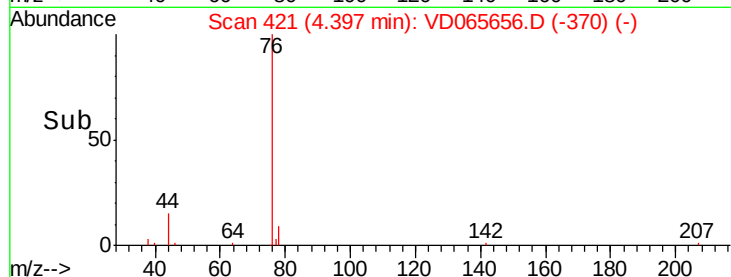
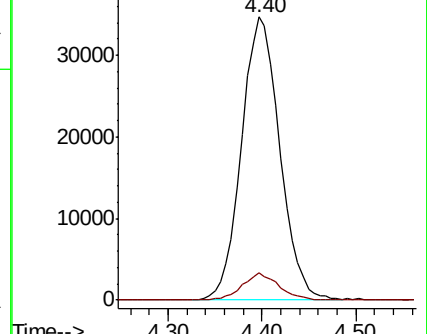
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 27.445 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

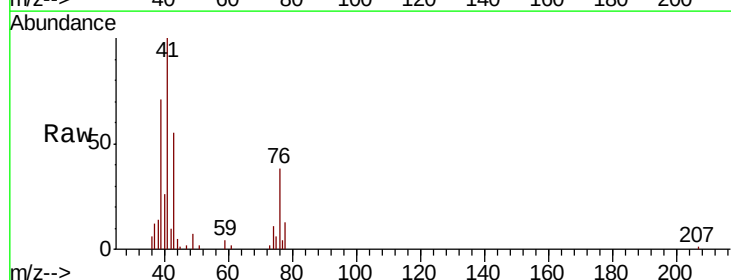
Tgt Ion: 43 Resp: 21530

Ion Ratio Lower Upper

43 100

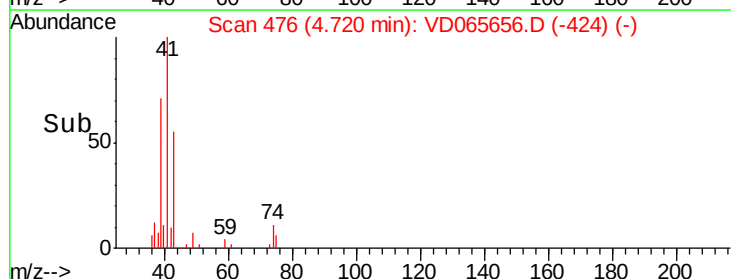
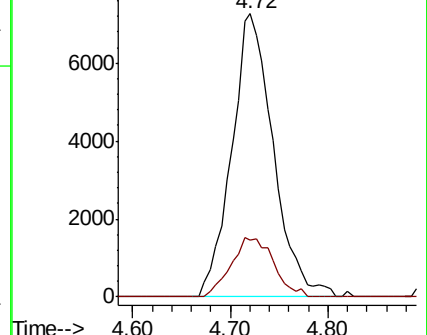
74 21.5

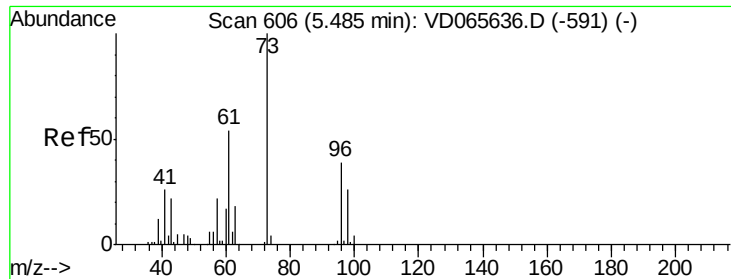
18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





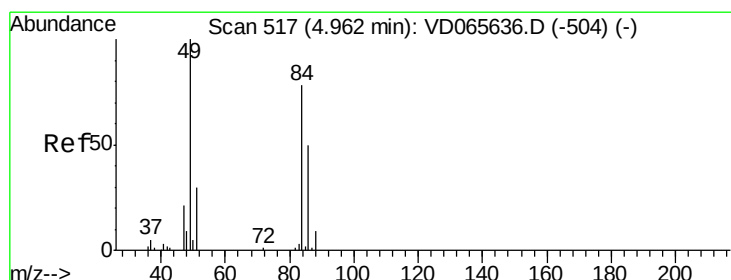
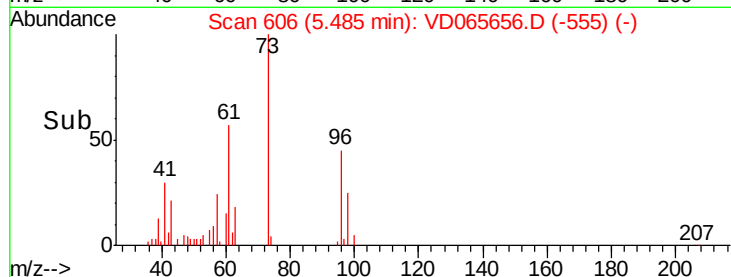
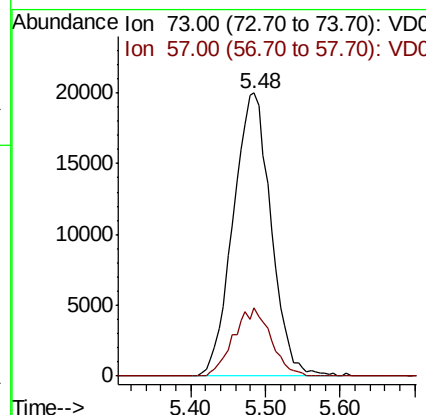
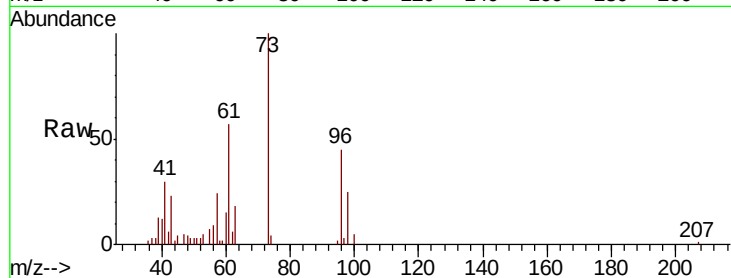
#19  
Methyl tert-butyl Ether  
Concen: 21.397 ug/l  
RT: 5.48 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 73 Resp: 70406  
Ion Ratio Lower Upper  
73 100  
57 24.1 17.8 26.8

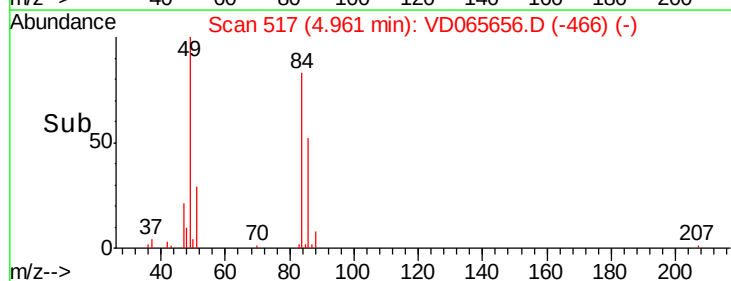
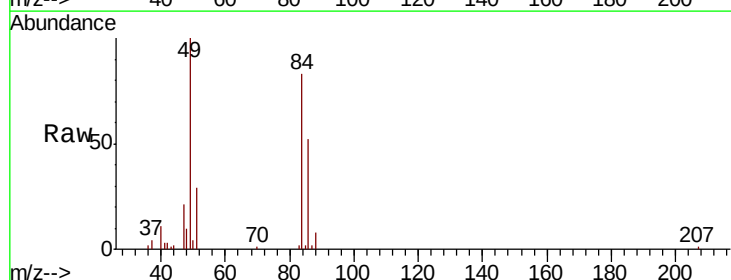
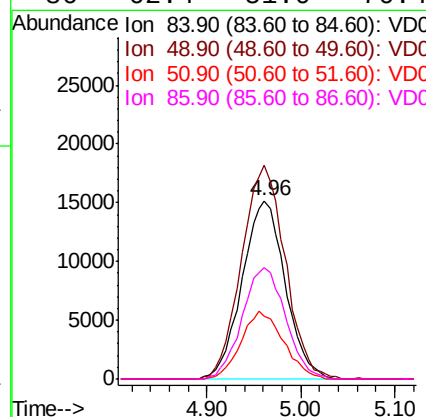
Manual Integrations  
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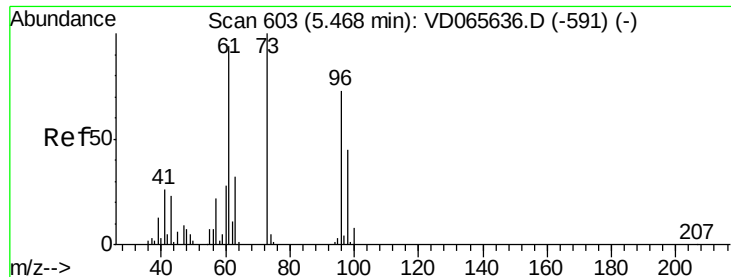
MMDadoda  
4/20/2020 4:28:24 PM



#20  
Methylene Chloride  
Concen: 31.080 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Tgt Ion: 84 Resp: 48157  
Ion Ratio Lower Upper  
84 100  
49 119.8 102.0 153.0  
51 35.2 30.8 46.2  
86 62.4 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 20.608 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 96 Resp: 38693

Ion Ratio Lower Upper

96 100

61 127.4 102.6 153.8

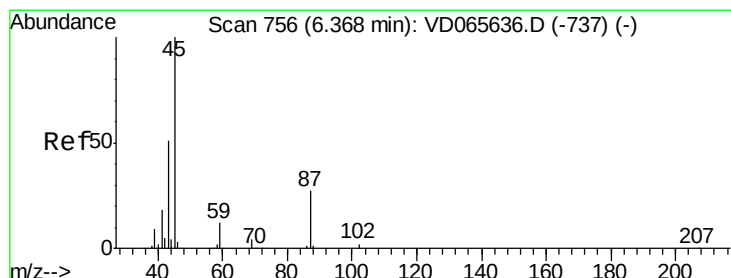
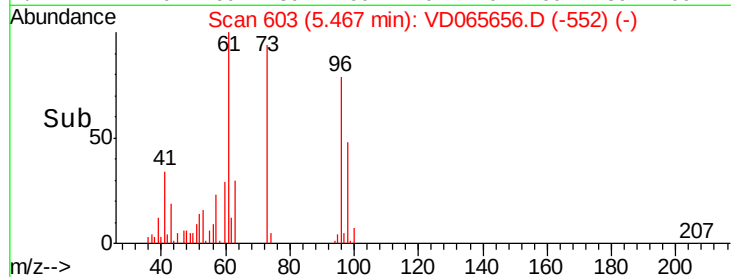
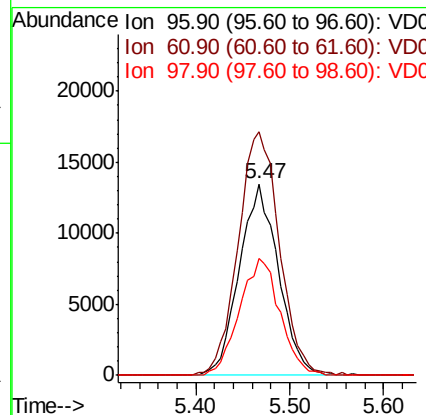
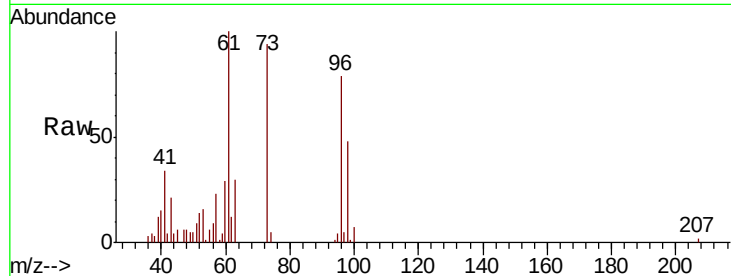
98 61.1 49.4 74.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.108 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Tgt Ion: 45 Resp: 113199

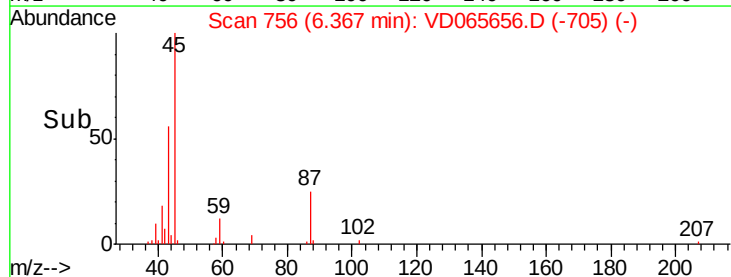
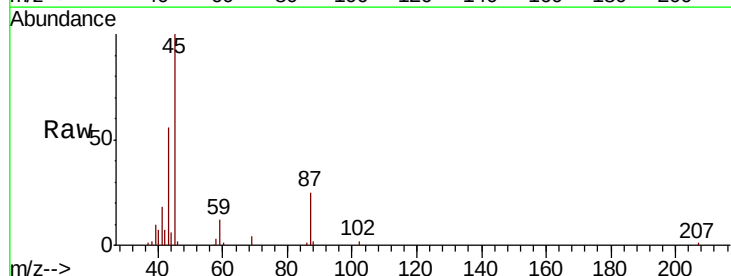
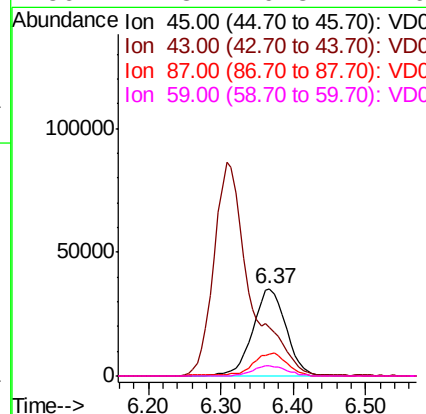
Ion Ratio Lower Upper

45 100

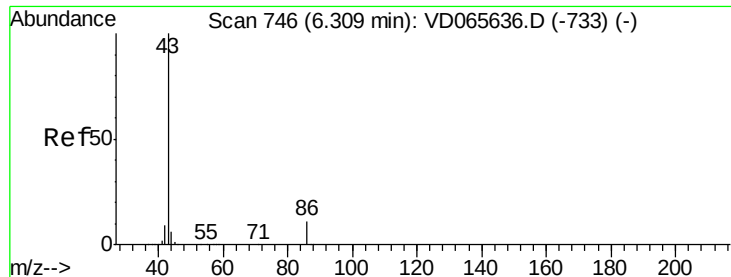
43 54.5 42.2 63.2

87 24.8 22.1 33.1

59 12.3 9.8 14.6







#23

Vinyl Acetate

Concen: 102.032 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 43 Resp: 298365

Ion Ratio Lower Upper

43 100

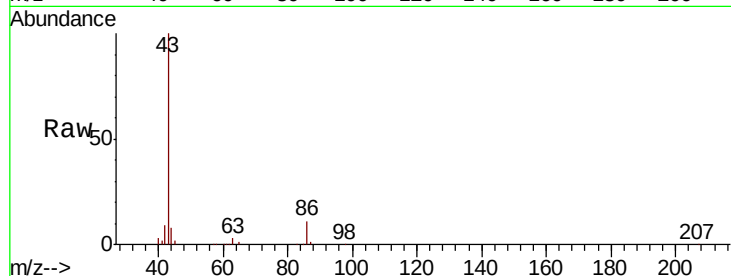
86 11.0 8.7 13.1

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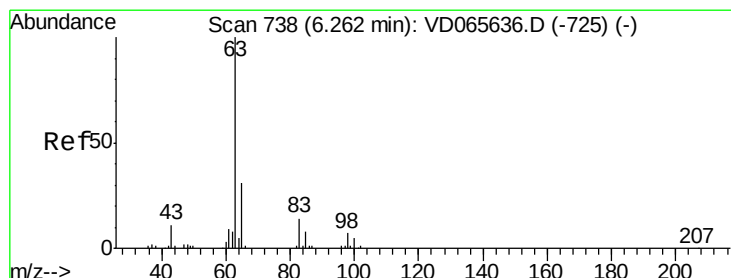
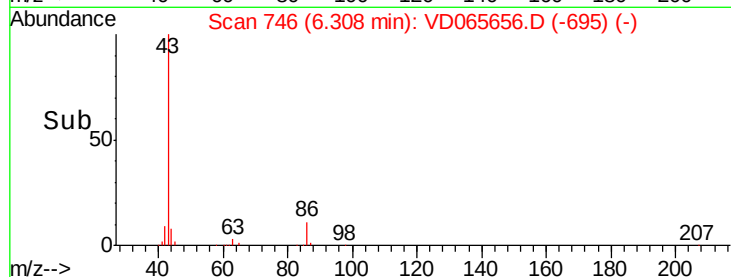
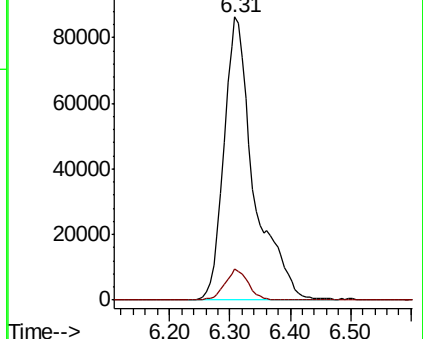
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.004 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

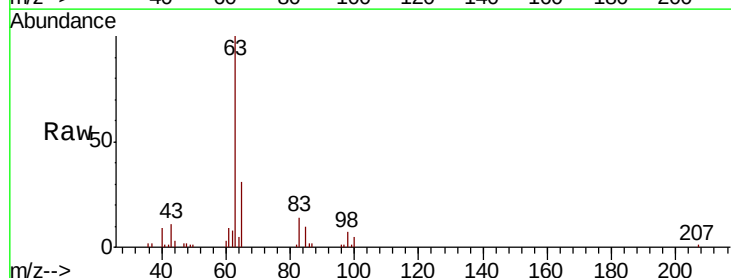
Tgt Ion: 63 Resp: 67777

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

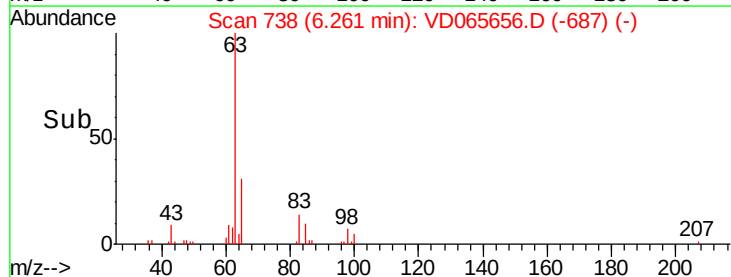
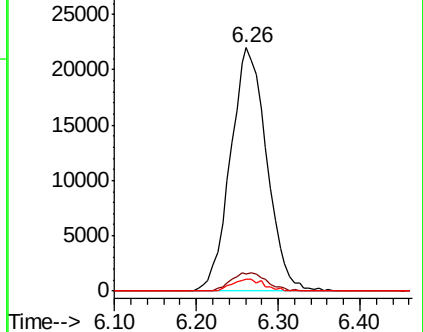
100 4.9 2.4 7.2

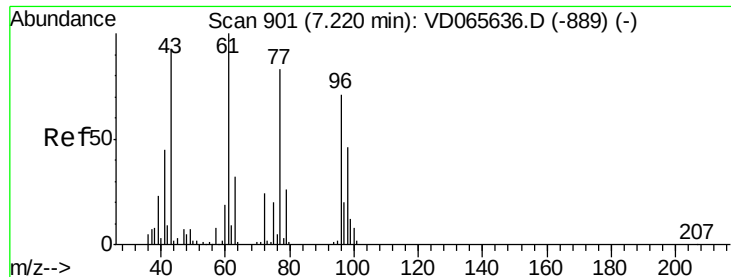


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 106.890 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 43 Resp: 48883

Ion Ratio Lower Upper

43 100

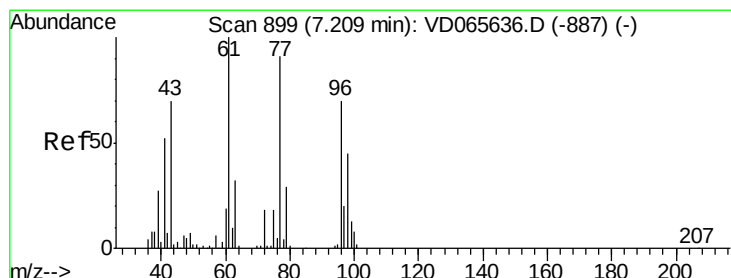
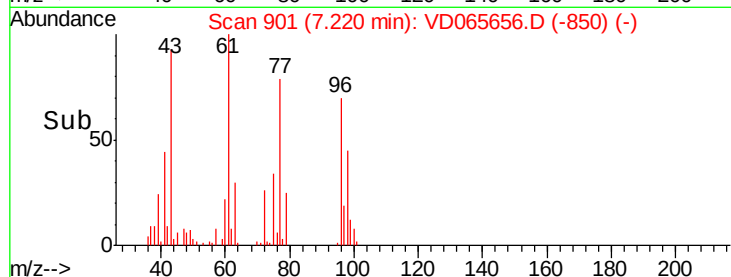
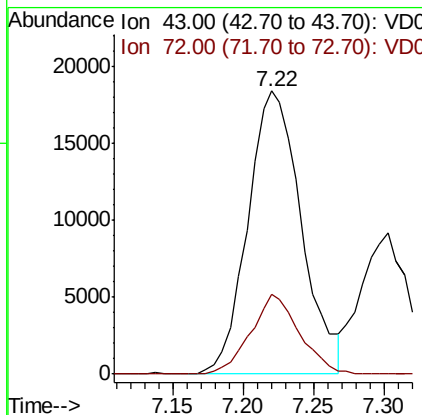
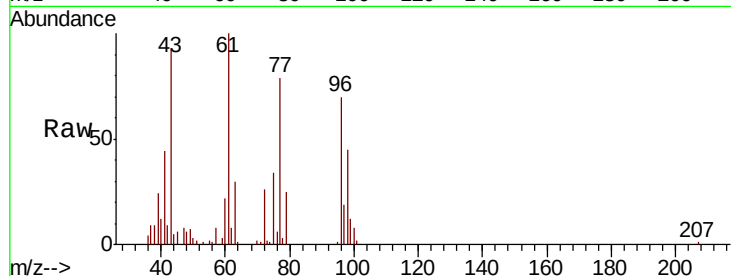
72 28.3 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.114 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065656.D

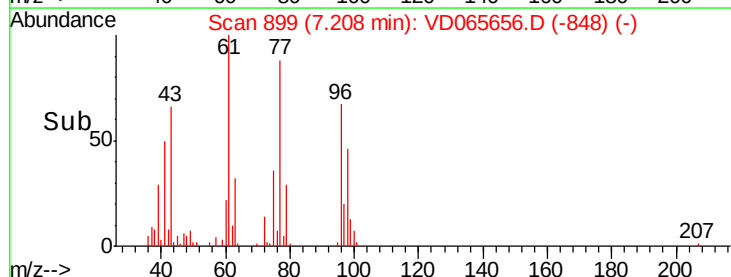
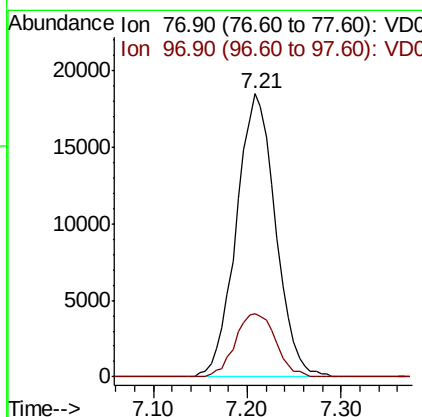
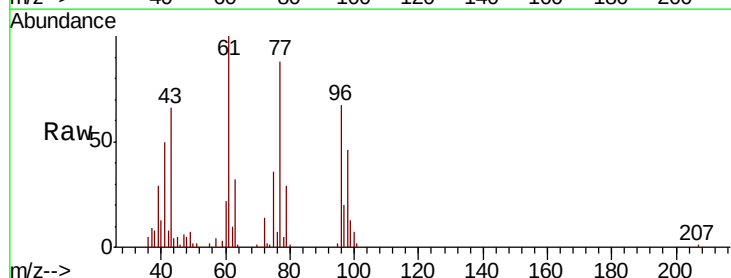
Acq: 17 Apr 2020 20:45

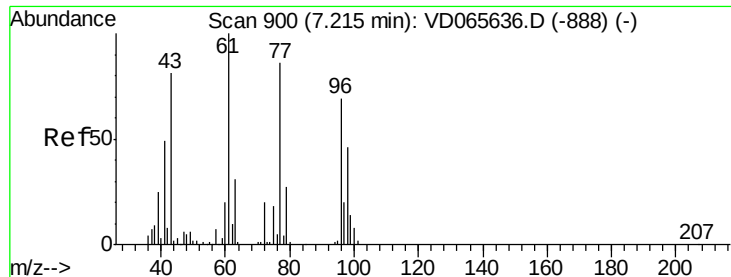
Tgt Ion: 77 Resp: 53494

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.483 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

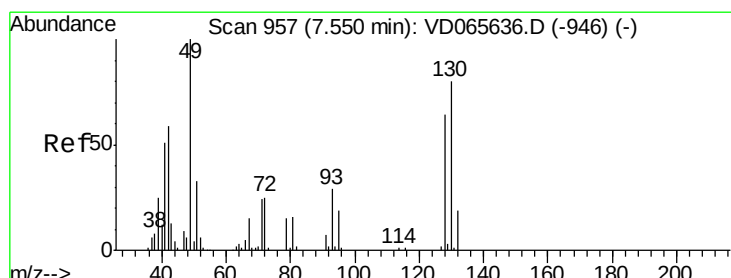
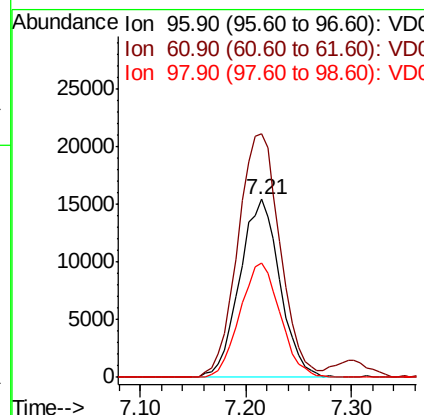
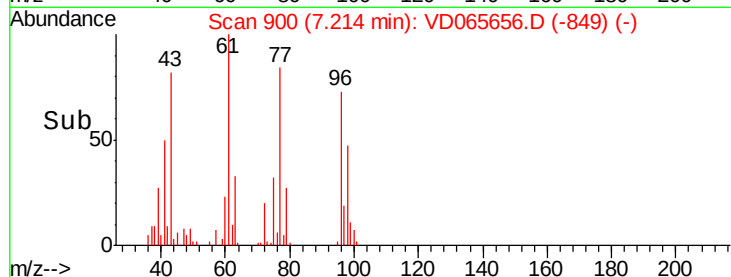
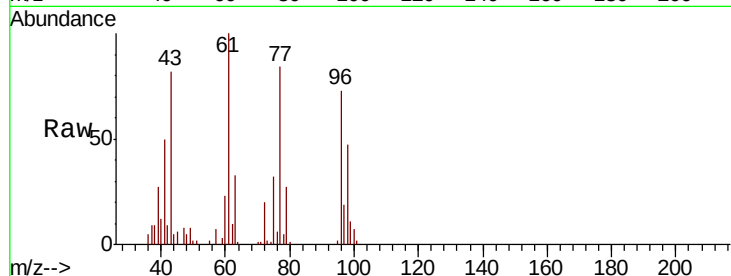
ClientSampleId :

VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 40583 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.8 | 0.0   | 286.2 |
| 98       | 64.4  | 0.0   | 128.0 |

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#28

Bromochloromethane

Concen: 24.291 ug/l

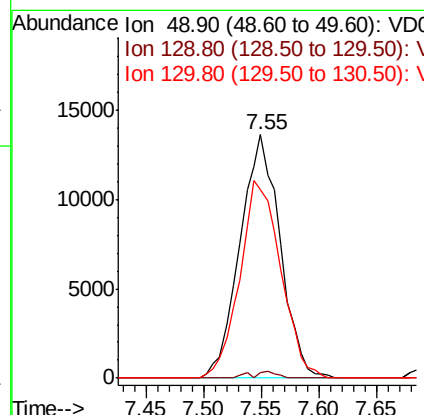
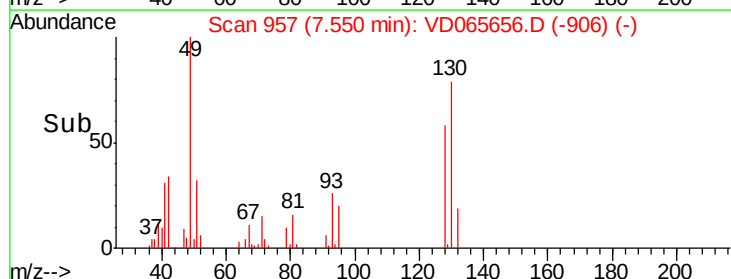
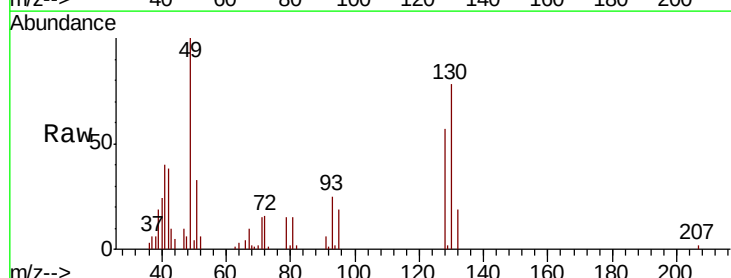
RT: 7.55 min Scan# 957

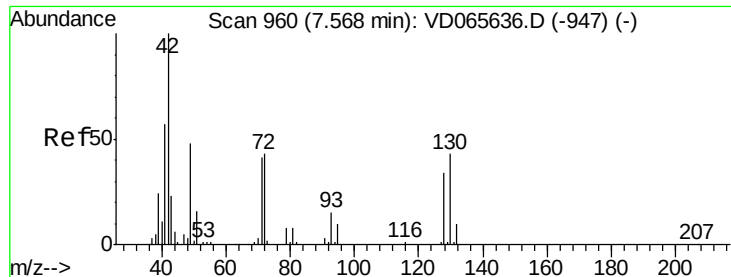
Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 32871 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.2   | 0.0   | 4.2   |
| 130      | 82.9  | 66.2  | 99.2  |





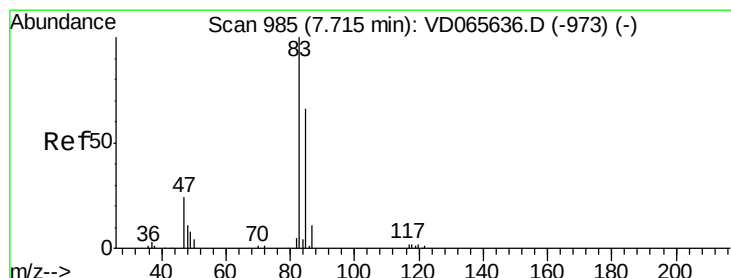
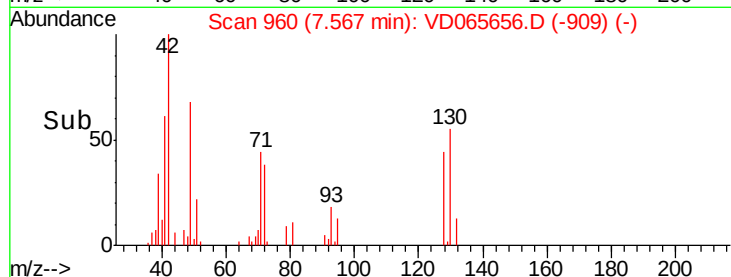
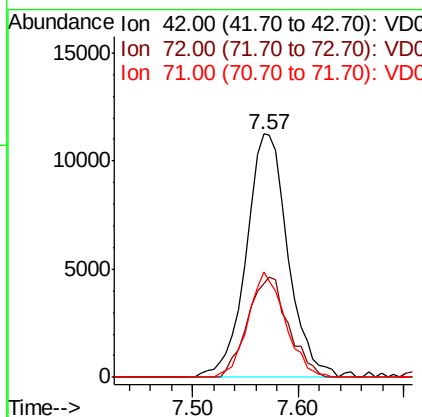
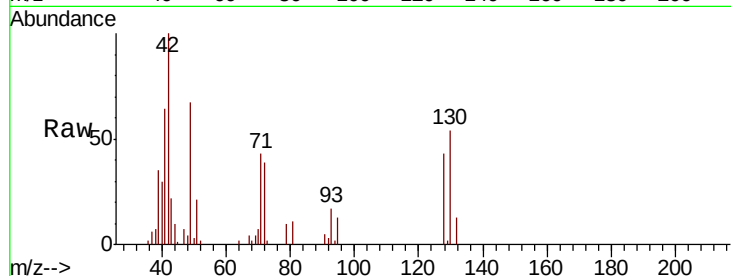
#29  
Tetrahydrofuran  
Concen: 106.351 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.3  | 34.4  | 51.6  |
| 71      | 38.7  | 31.4  | 47.0  |

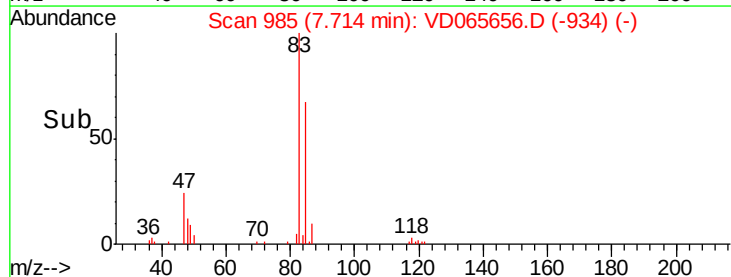
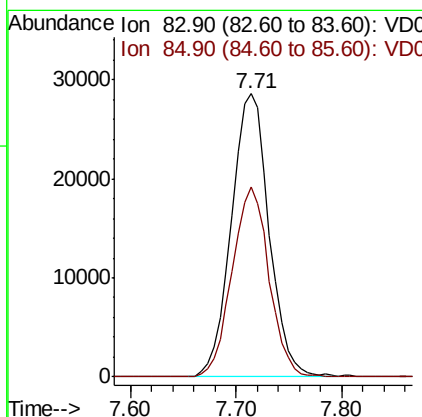
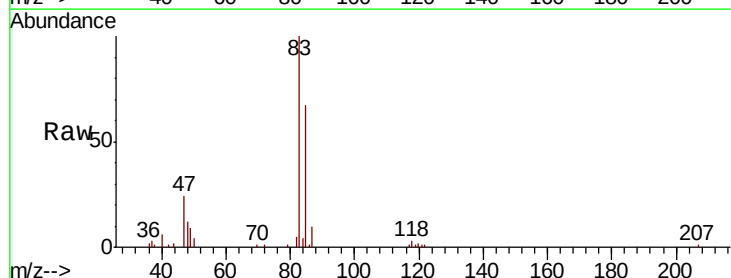
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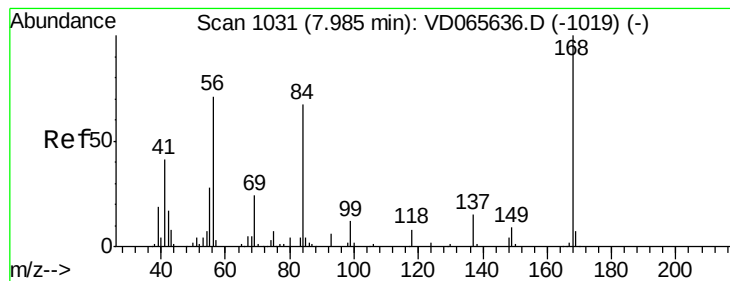
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#30  
Chloroform  
Concen: 20.379 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.9  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 17.762 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 56 Resp: 57328

Ion Ratio Lower Upper

56 100

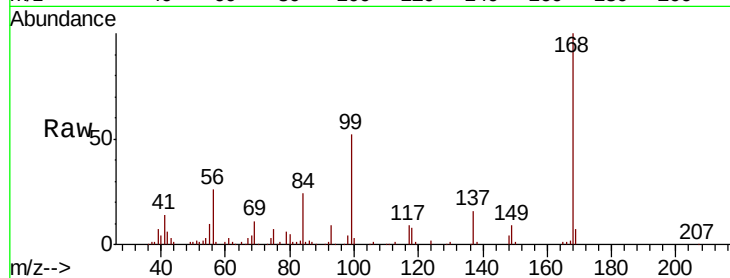
69 42.1 26.6 40.0#

84 91.5 75.3 112.9

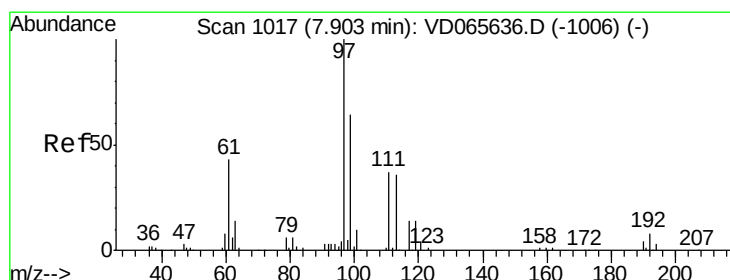
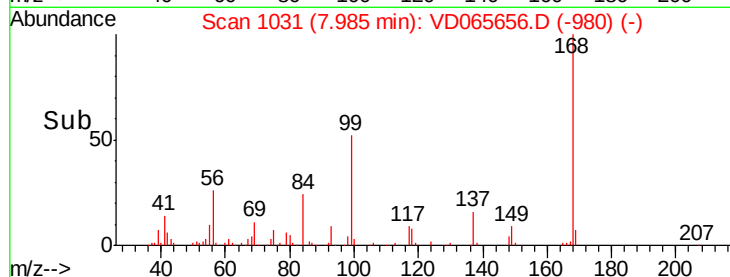
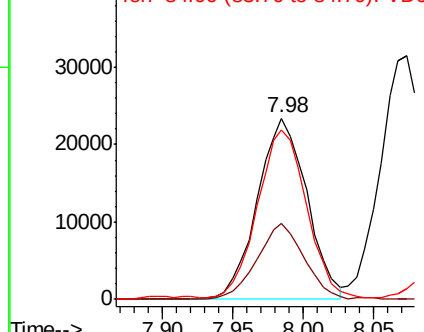
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Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 19.529 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

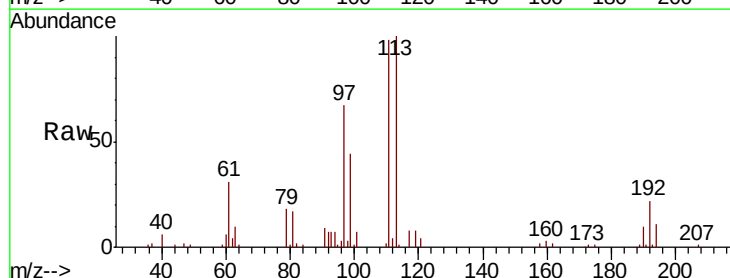
Tgt Ion: 97 Resp: 60888

Ion Ratio Lower Upper

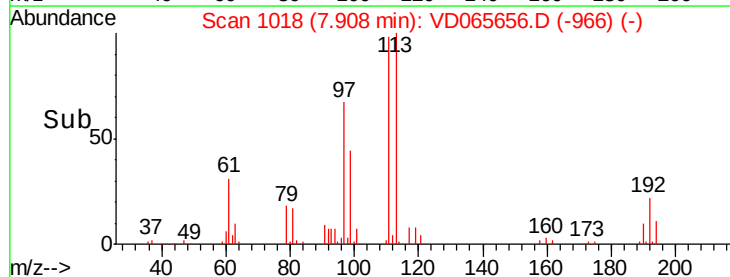
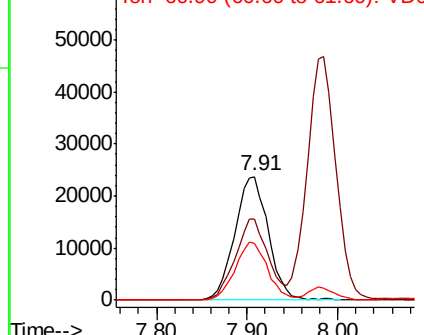
97 100

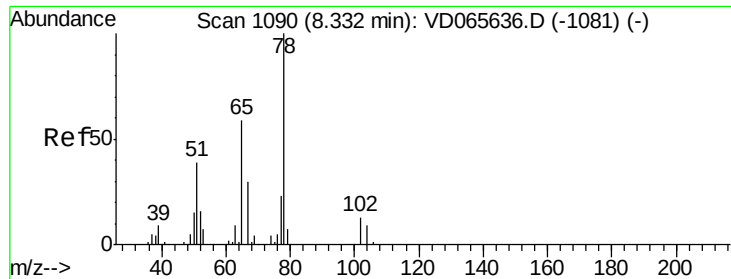
99 64.4 51.5 77.3

61 45.8 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC





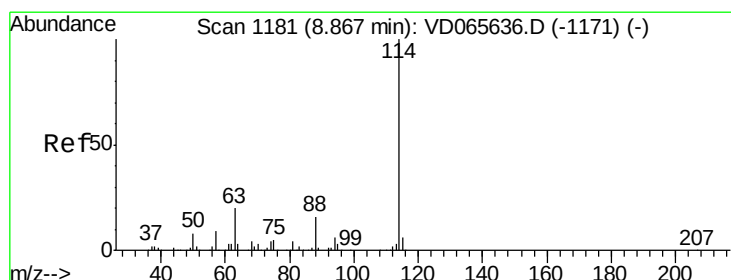
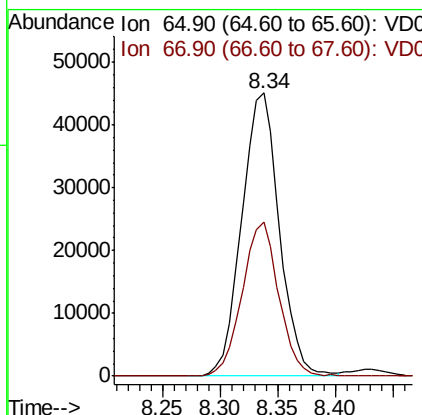
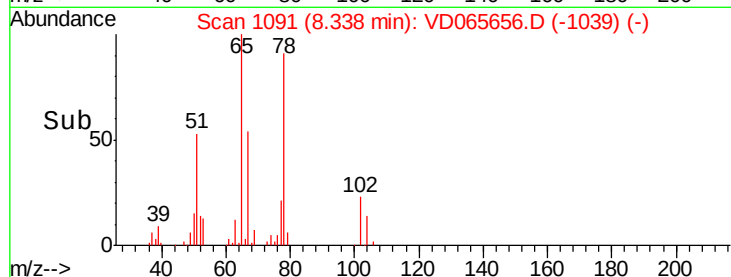
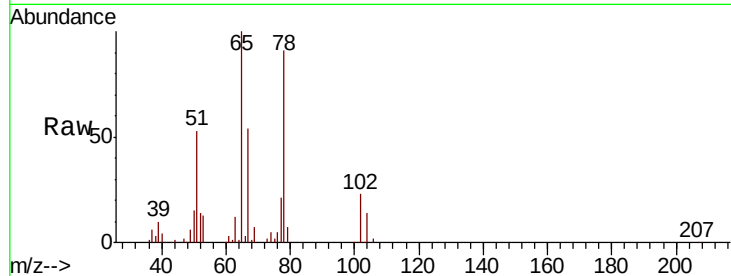
#33  
 1,2-Dichloroethane-d4  
 Concen: 59.587 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. 0.01 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 102121 |       |       |
| 67      | 52.9  | 0.0    | 105.8 |       |

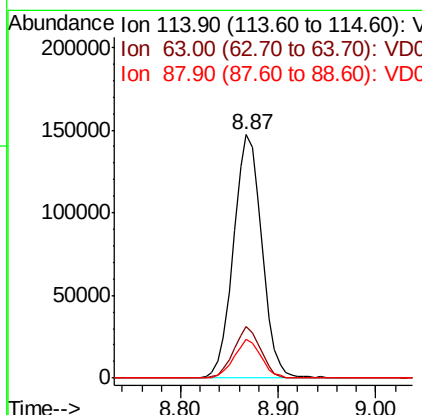
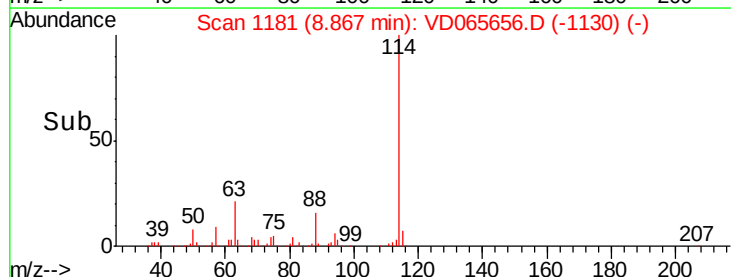
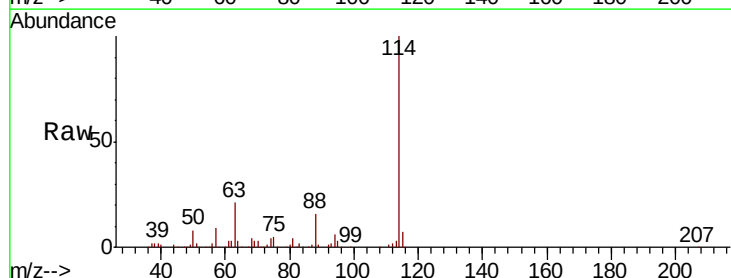
Manual Integrations  
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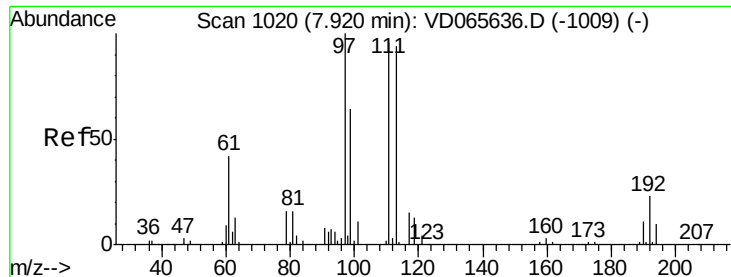
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 298449 |       |       |
| 63      | 21.1  | 0.0    | 40.8  |       |
| 88      | 15.9  | 0.0    | 31.6  |       |





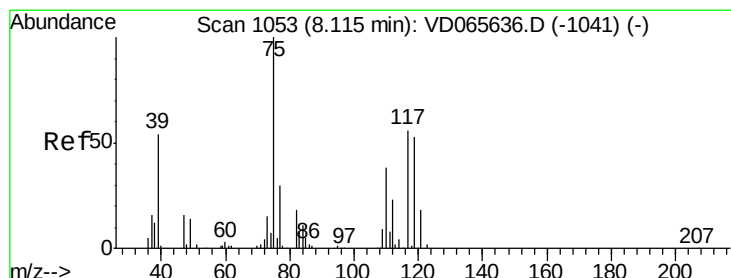
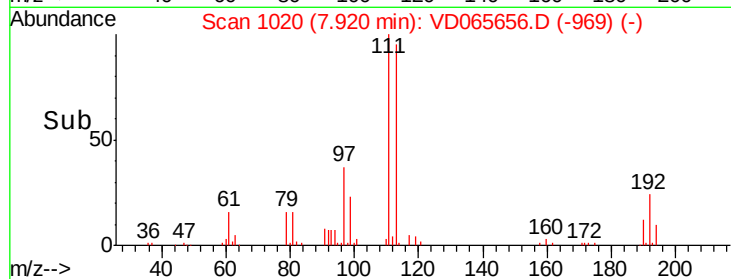
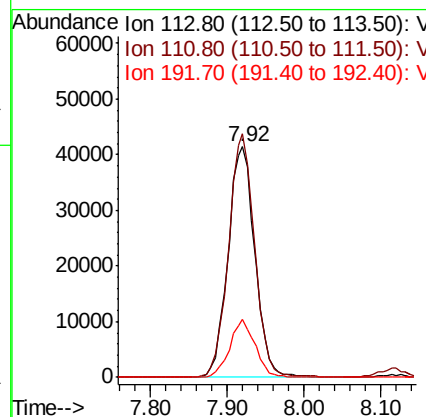
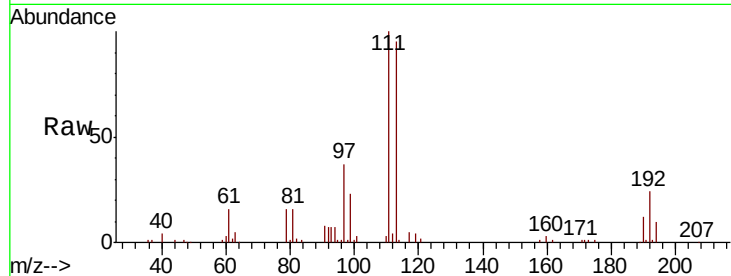
#35  
 Dibromofluoromethane  
 Concen: 54.347 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 100947 |       |       |
| 111     | 101.8 | 81.9   | 122.9 |       |
| 192     | 23.4  | 18.9   | 28.3  |       |

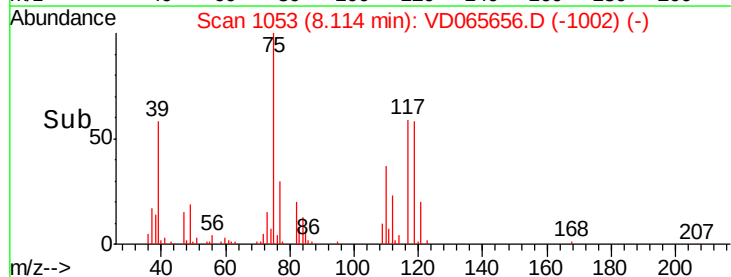
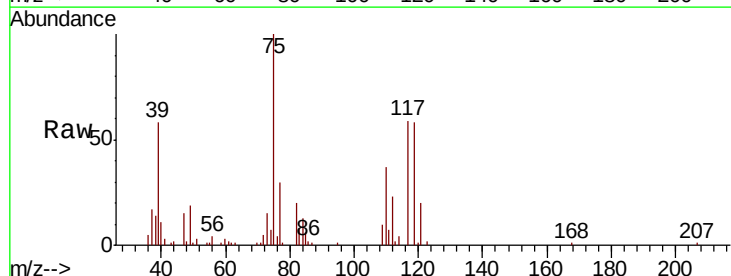
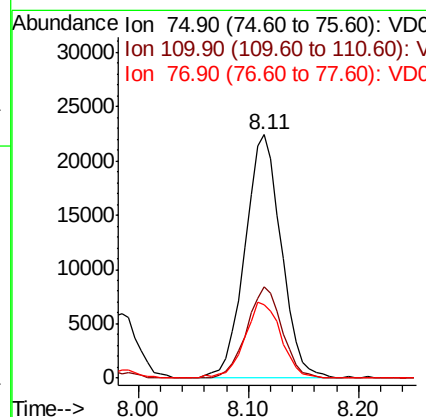
Manual Integrations  
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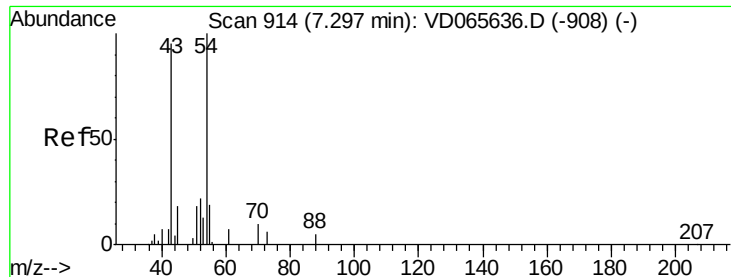
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#36  
 1,1-Dichloropropene  
 Concen: 17.954 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 51740 |       |       |
| 110     | 36.2  | 18.3  | 54.8  |       |
| 77      | 31.2  | 24.6  | 37.0  |       |





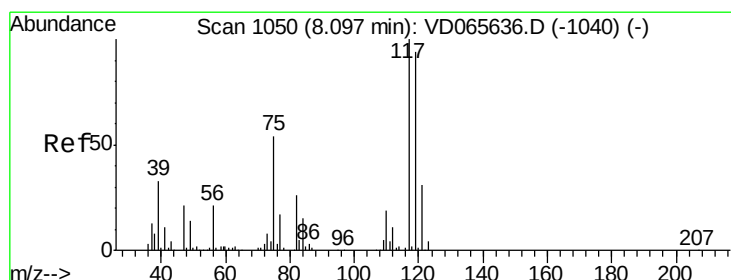
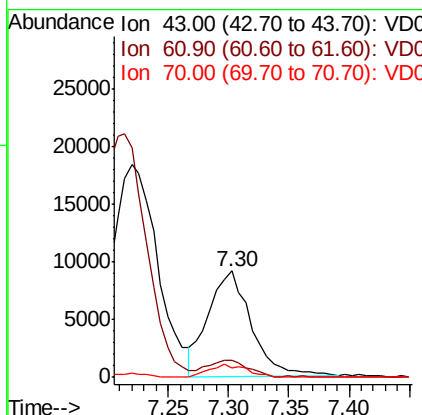
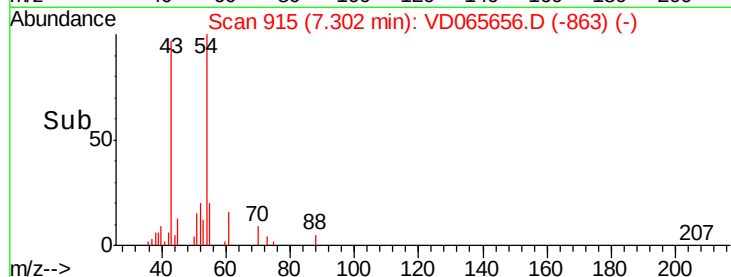
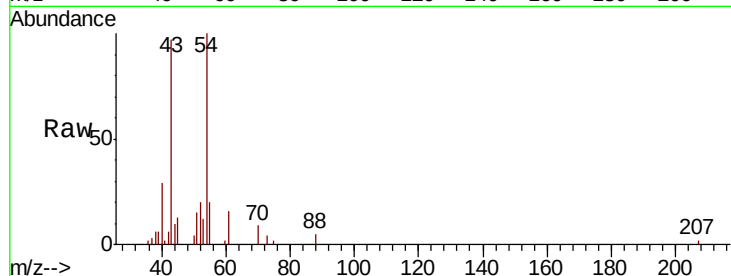
#37  
Ethyl Acetate  
Concen: 19.402 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 10.9  | 16.3  |
| 70      | 10.9  | 7.9   | 11.9  |

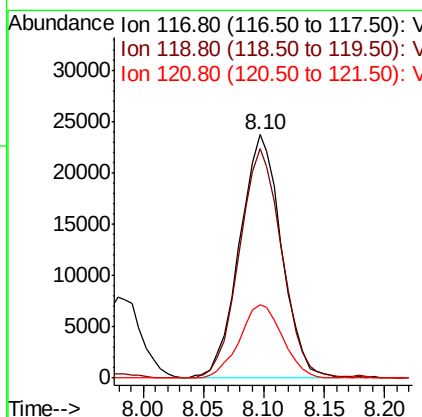
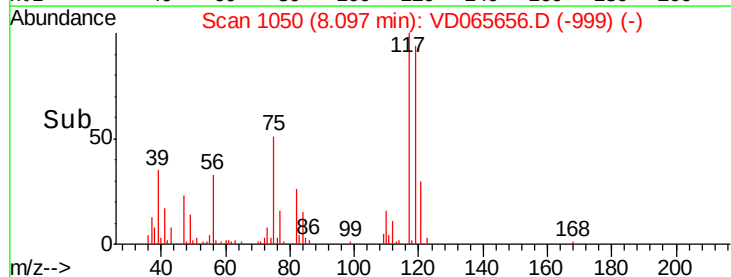
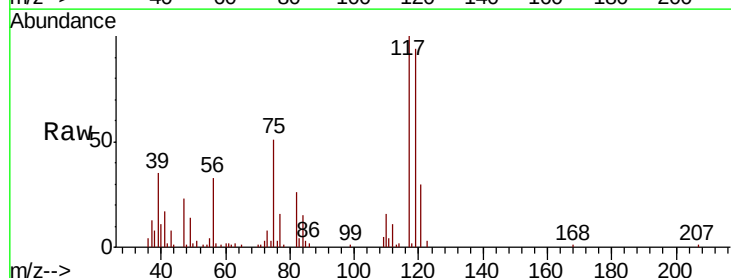
Manual Integrations  
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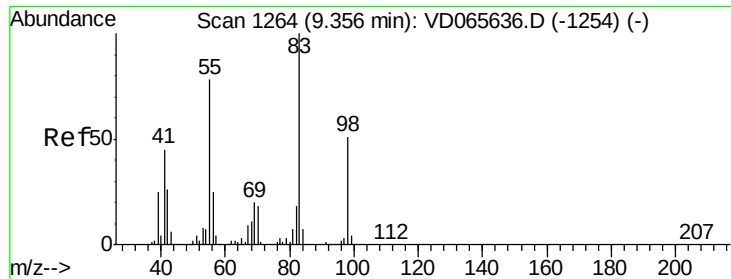


#38  
Carbon Tetrachloride  
Concen: 18.602 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 75.3  | 112.9 |
| 121     | 30.3  | 24.9  | 37.3  |







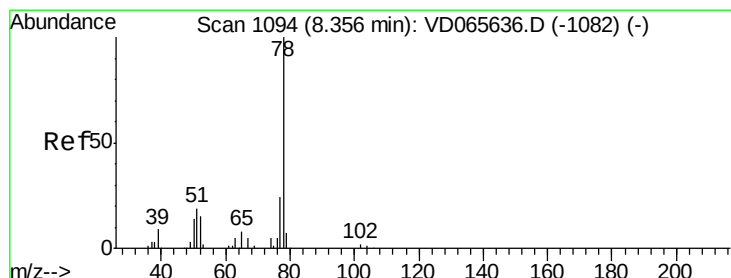
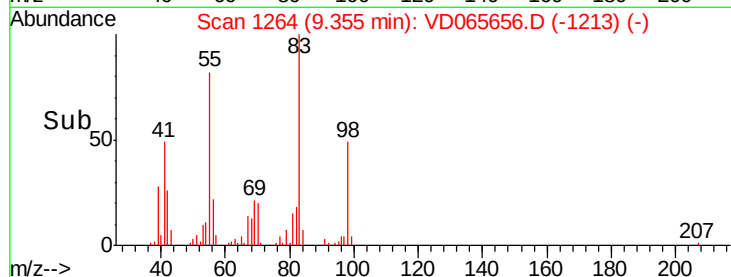
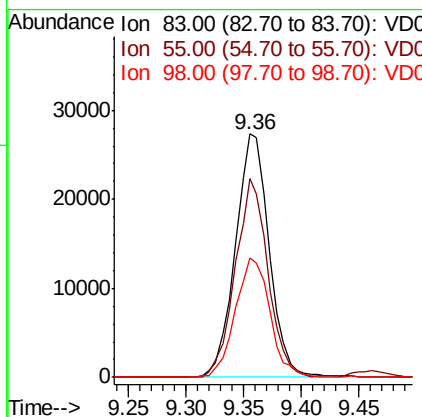
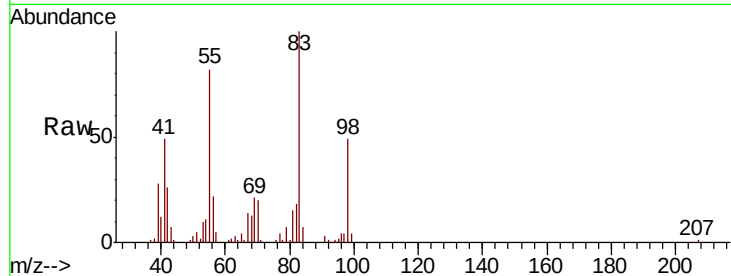
#39  
Methylvlcyclohexane  
Concen: 16.496 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.6  | 62.3  | 93.5  |
| 98      | 48.9  | 40.5  | 60.7  |

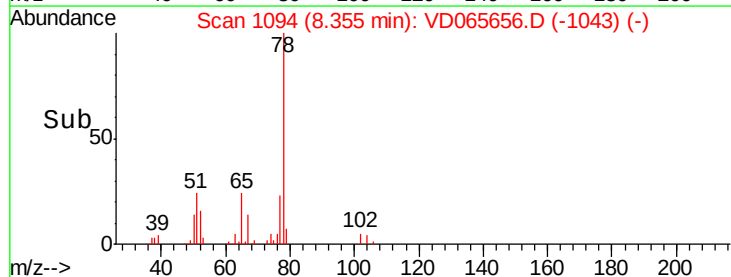
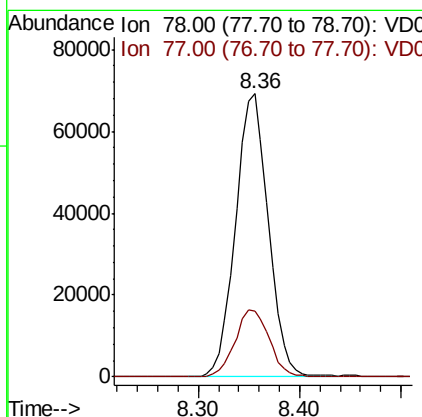
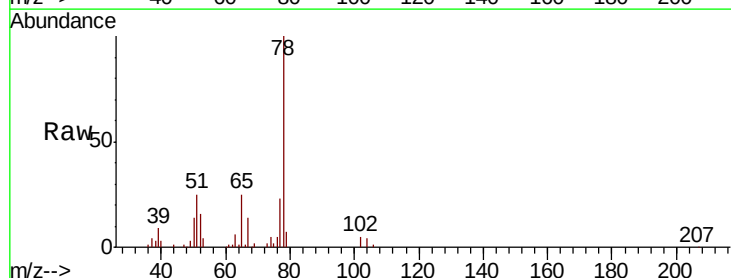
Manual Integrations  
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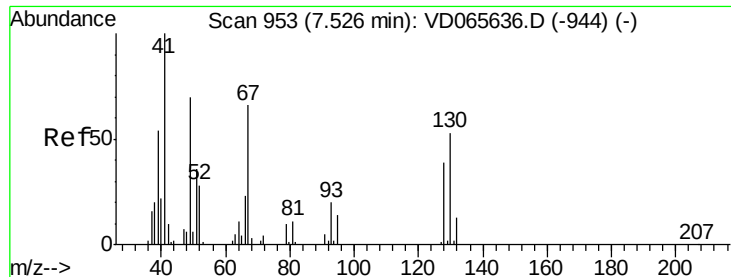
MMDadoda  
4/20/2020 4:28:24 PM



#40  
Benzene  
Concen: 18.809 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.9  | 28.3  |





#41

Methacrylonitrile

Concen: 22.202 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 41 Resp: 12637

Ion Ratio Lower Upper

41 100

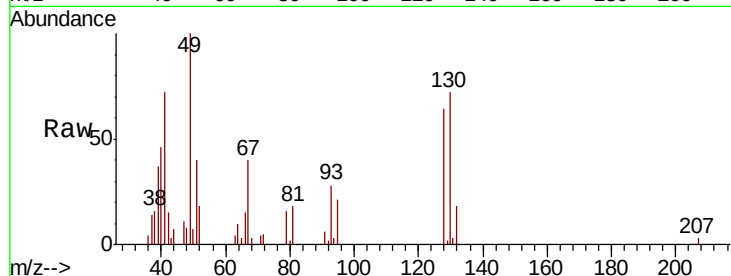
39 73.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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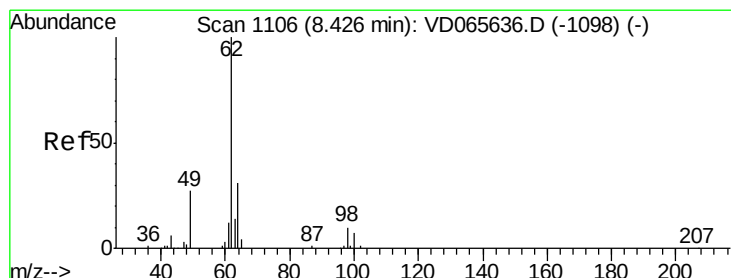
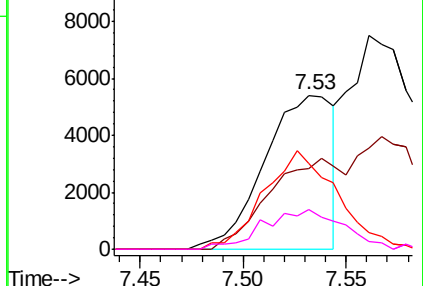
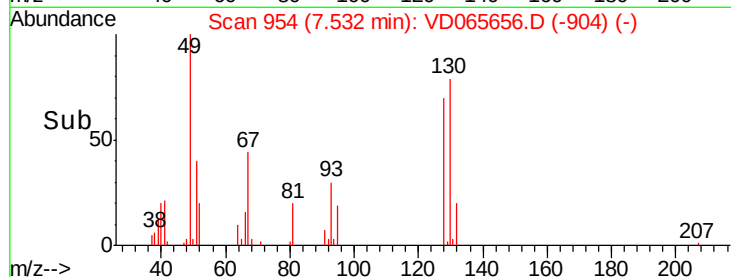


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.773 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065656.D

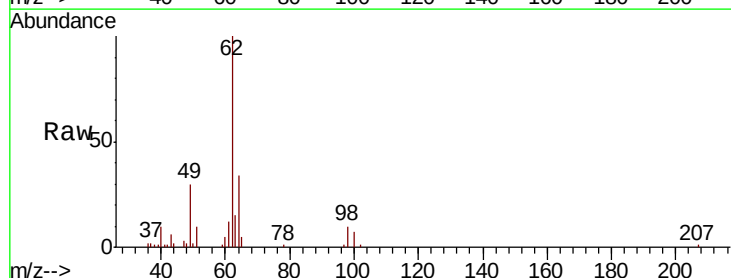
Acq: 17 Apr 2020 20:45

Tgt Ion: 62 Resp: 47170

Ion Ratio Lower Upper

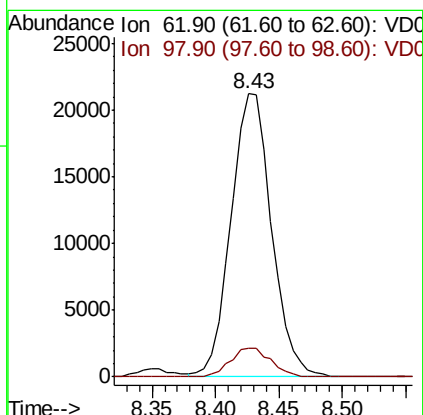
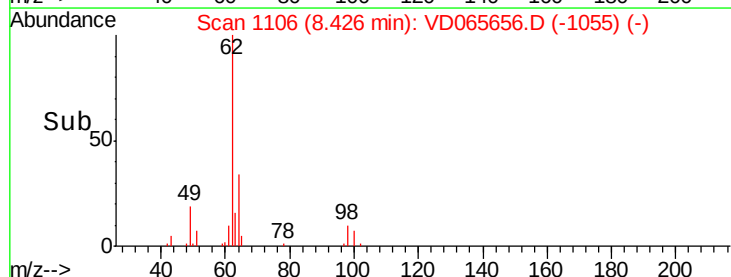
62 100

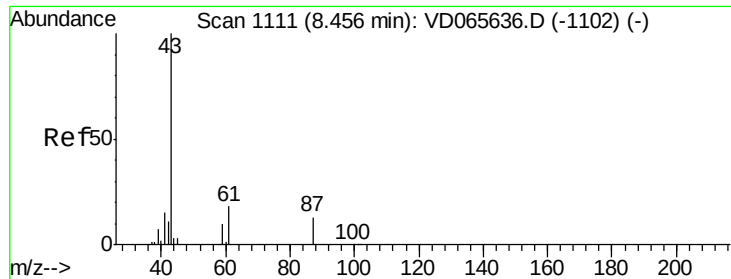
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.997 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

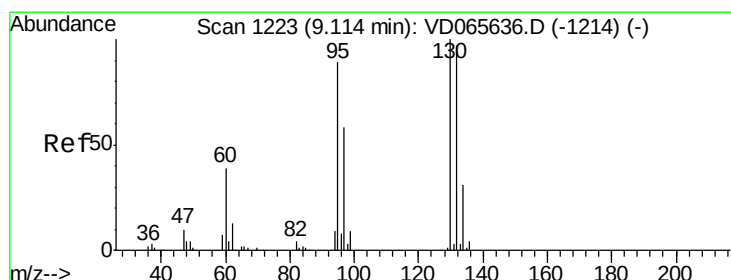
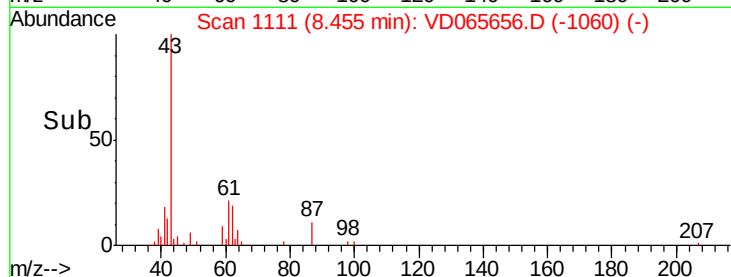
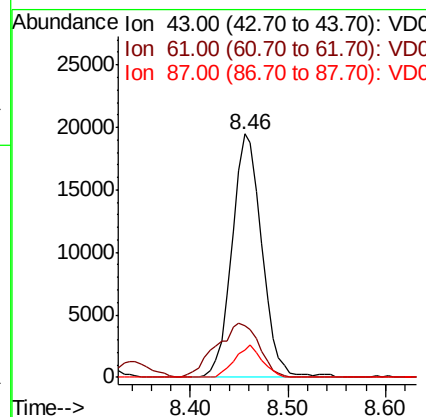
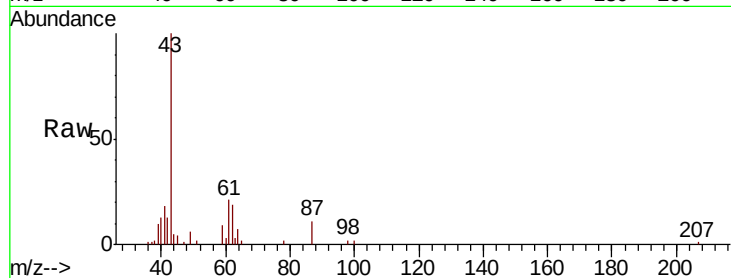
ClientSampleId :

VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 41383 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 32.1  | 25.0  | 37.6  |
| 87       | 12.0  | 9.9   | 14.9  |

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#44

Trichloroethene

Concen: 18.029 ug/l

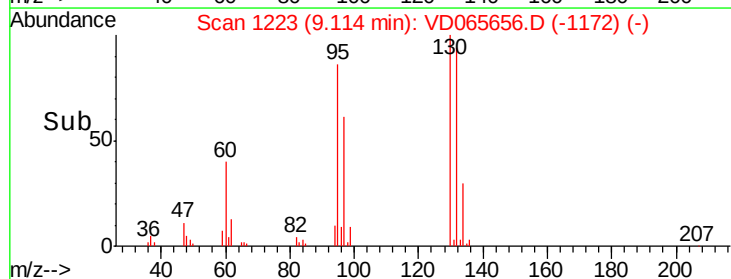
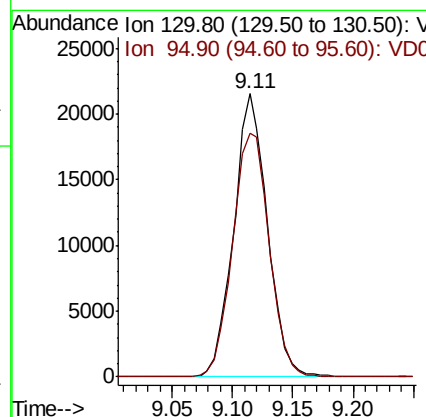
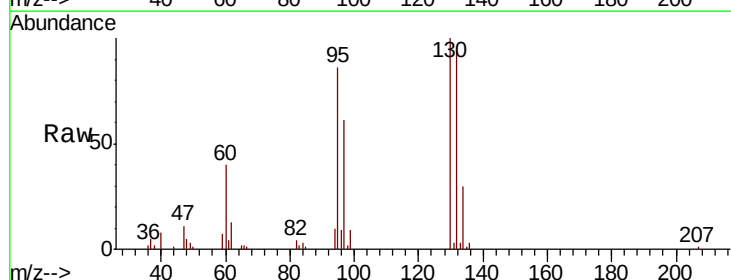
RT: 9.11 min Scan# 1223

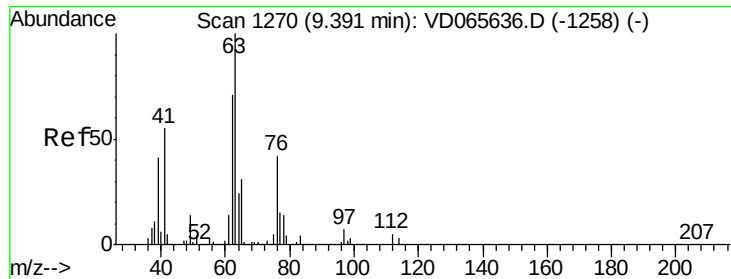
Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 41815 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 86.1  | 0.0   | 178.4 |





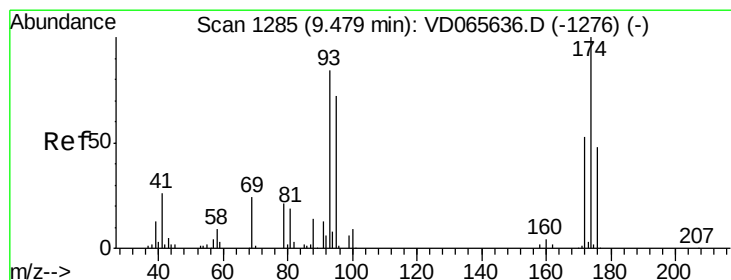
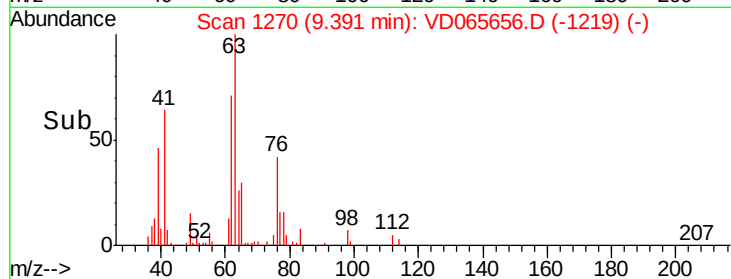
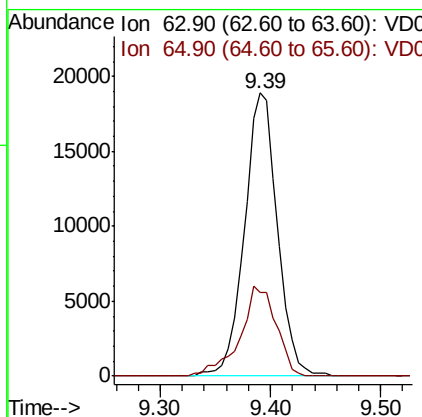
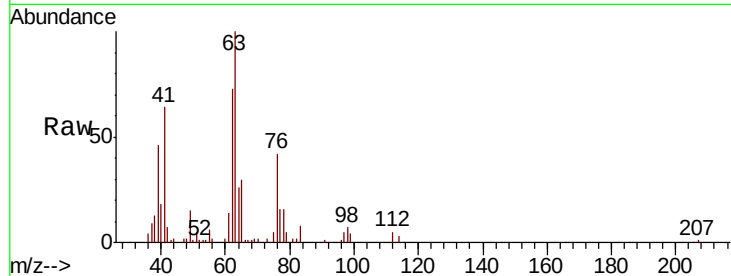
#45  
 1,2-Dichloropropane  
 Concen: 19.440 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion: 63 Resp: 39531  
 Ion Ratio Lower Upper  
 63 100  
 65 29.6 24.7 37.1

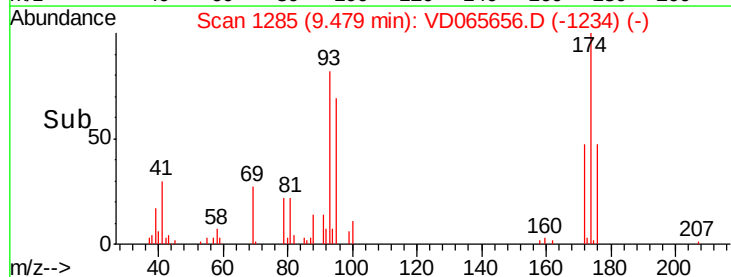
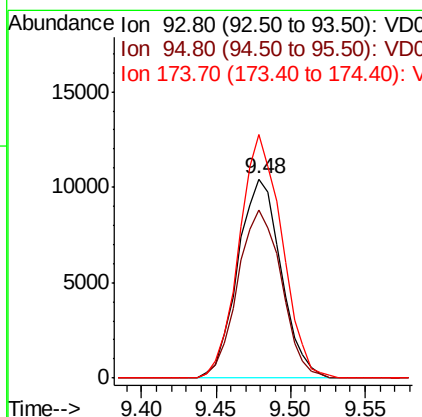
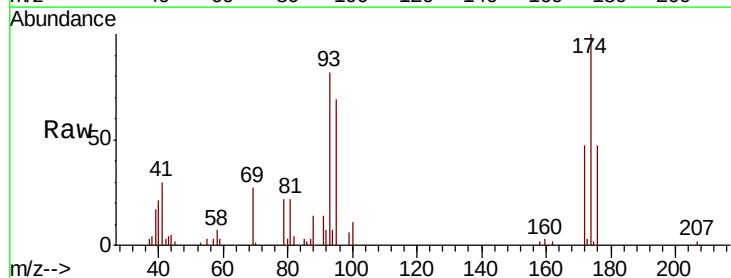
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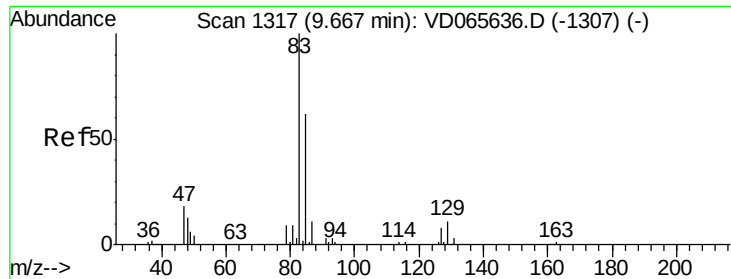
MMDadoda  
 4/20/2020 4:28:24 PM



#46  
 Dibromomethane  
 Concen: 20.041 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Tgt Ion: 93 Resp: 21074  
 Ion Ratio Lower Upper  
 93 100  
 95 85.1 67.4 101.2  
 174 120.5 94.1 141.1





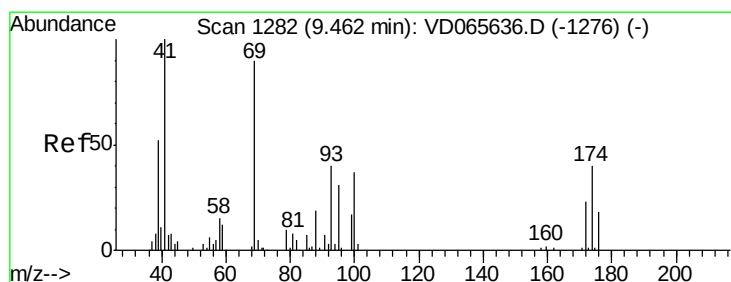
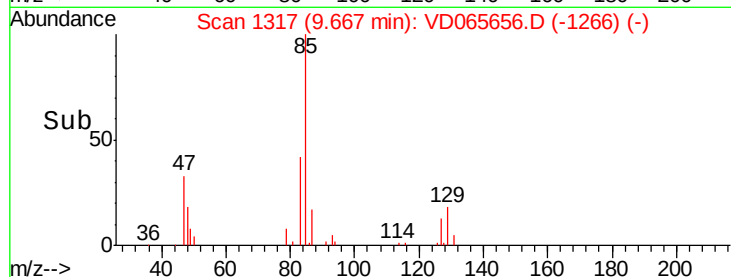
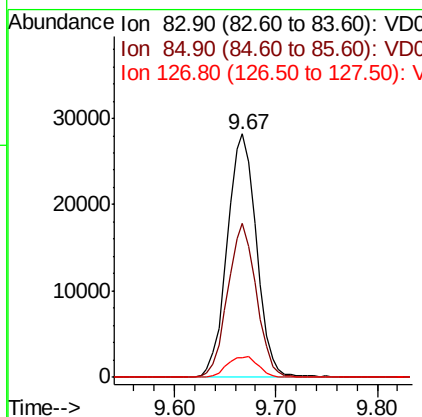
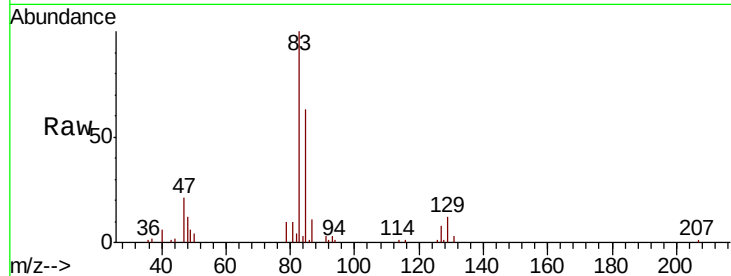
#47  
Bromodichloromethane  
Concen: 20.149 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.4  | 49.8  | 74.8  |
| 127     | 8.1   | 6.6   | 9.8   |

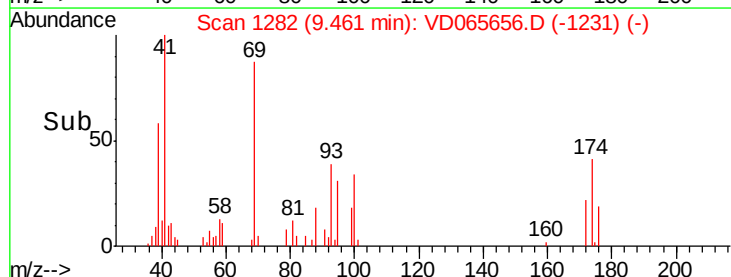
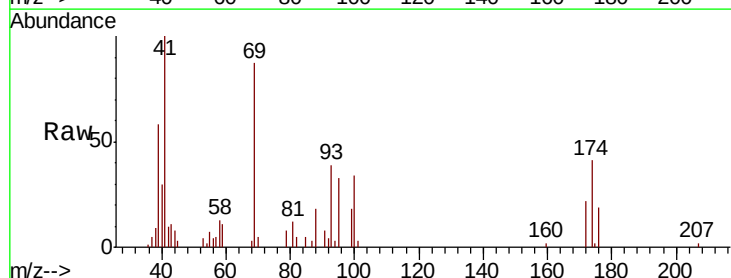
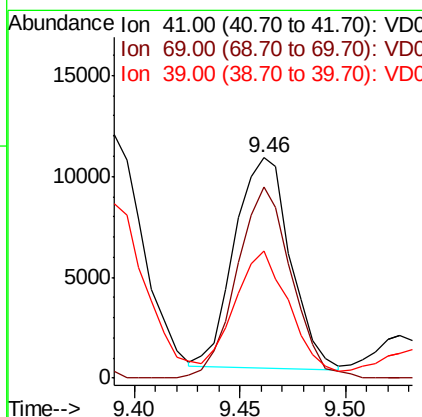
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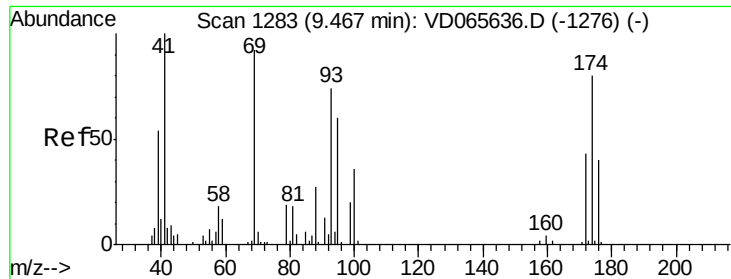
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 18.364 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 89.1  | 66.8  | 100.2 |
| 39      | 61.4  | 39.6  | 59.4  |





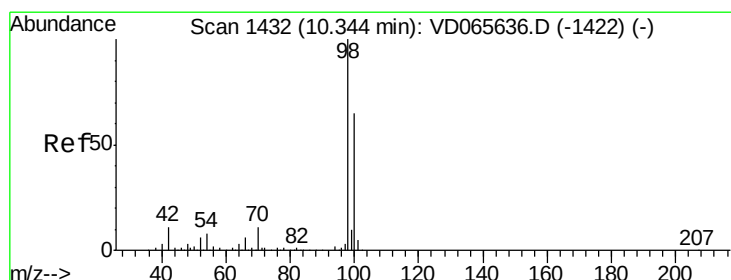
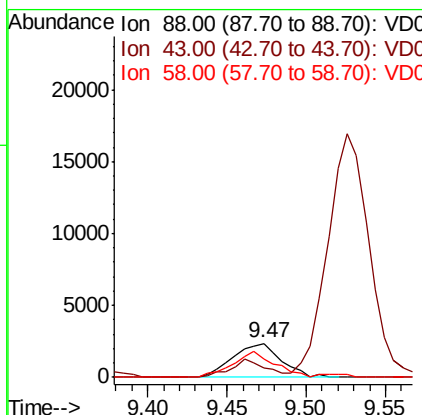
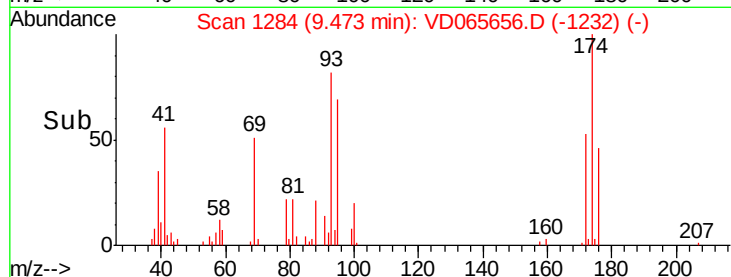
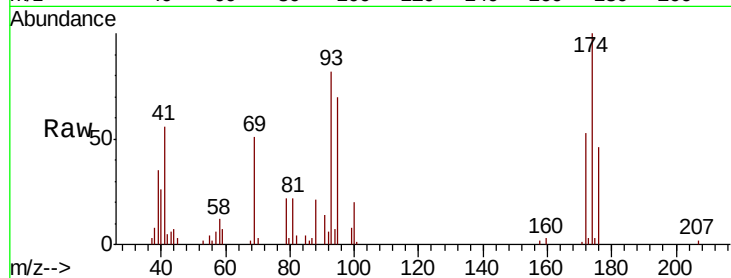
#49  
1,4-Dioxane  
Concen: 405.013 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.6  | 28.1  | 42.1  |
| 58      | 65.8  | 55.7  | 83.5  |

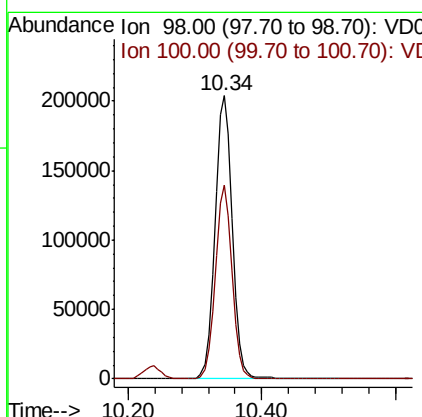
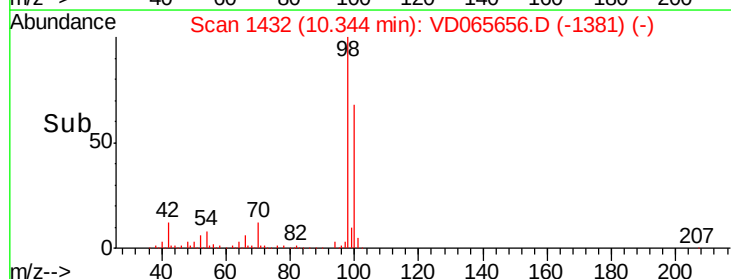
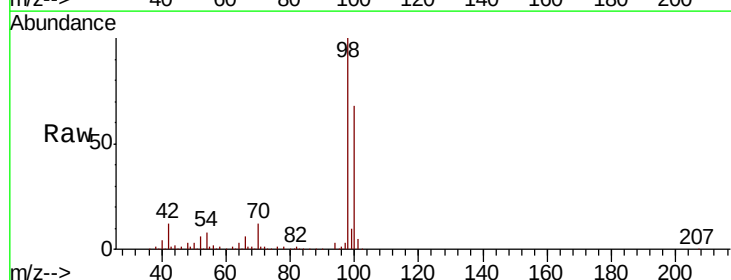
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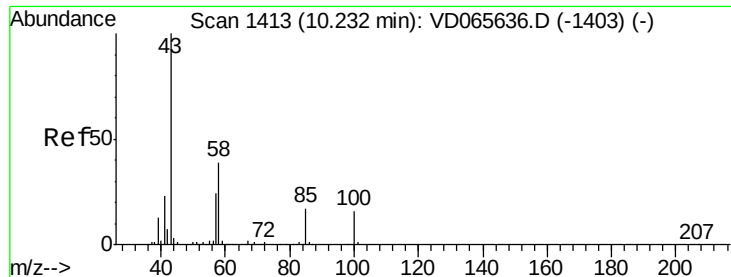
MMDadoda  
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#50  
Toluene-d8  
Concen: 54.244 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.6  | 52.4  | 78.6  |





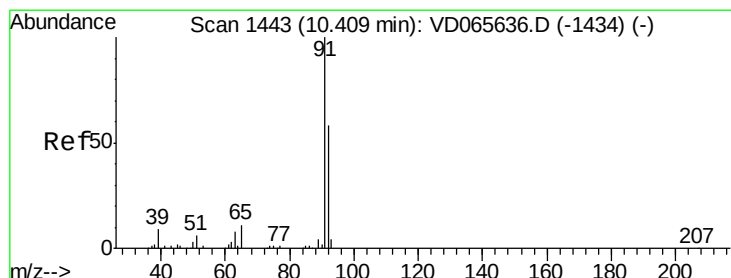
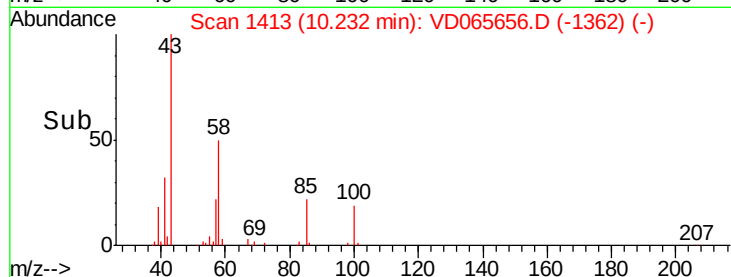
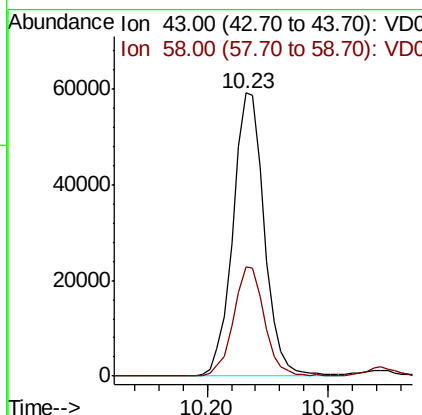
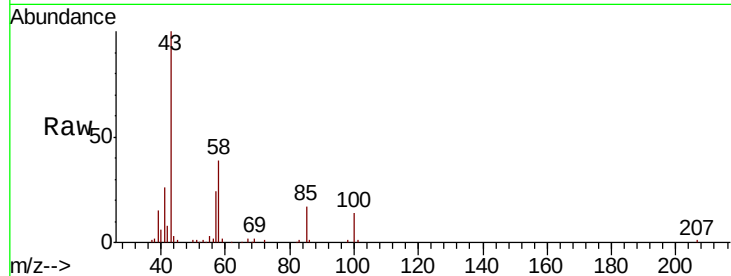
#51  
 4-Methyl-2-Pentanone  
 Concen: 99.144 ug/l  
 RT: 10.23 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

Tot Ion: 43 Resp: 107538  
 Ion Ratio Lower Upper  
 43 100  
 58 37.6 31.1 46.7

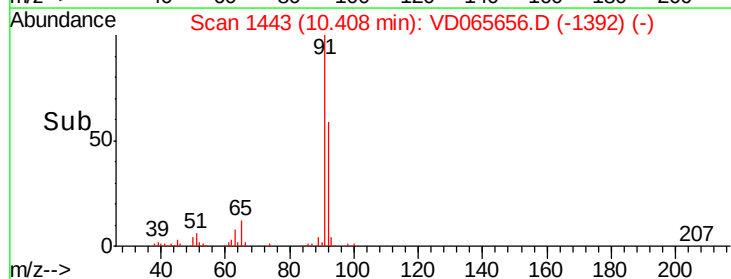
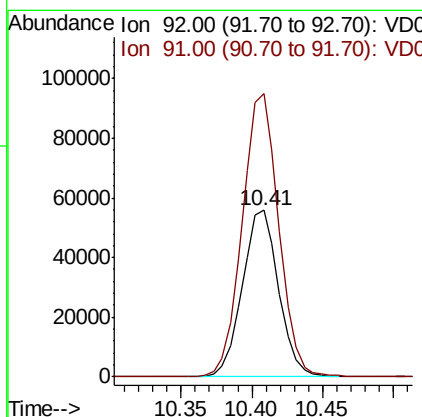
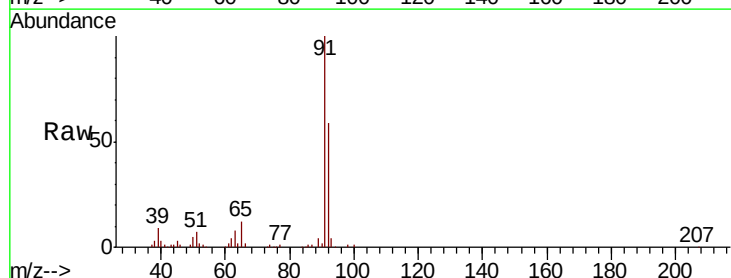
Manual Integrations  
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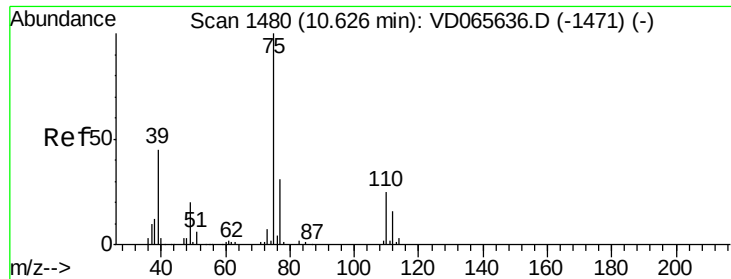
MMDadoda  
 4/20/2020 4:28:24 PM



#52  
 Toluene  
 Concen: 19.668 ug/l  
 RT: 10.41 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Tgt Ion: 92 Resp: 100462  
 Ion Ratio Lower Upper  
 92 100  
 91 171.9 136.6 205.0





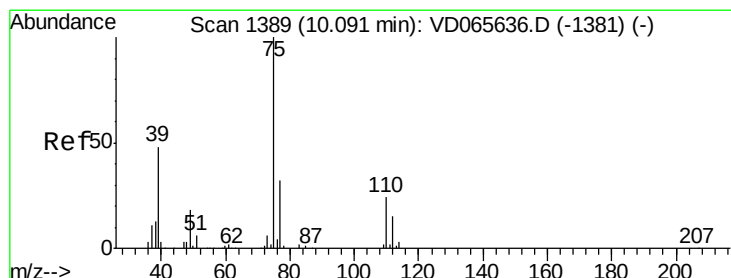
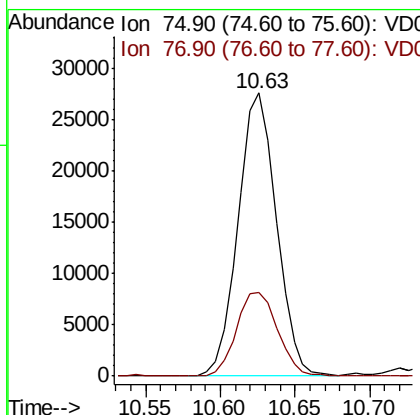
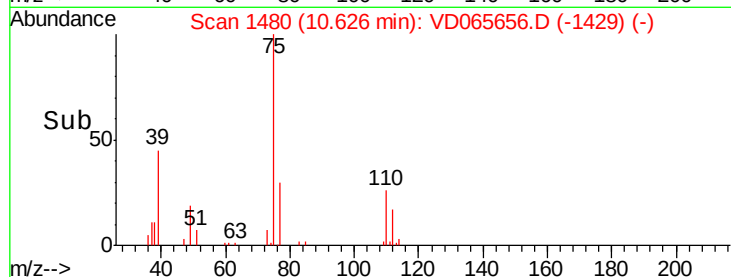
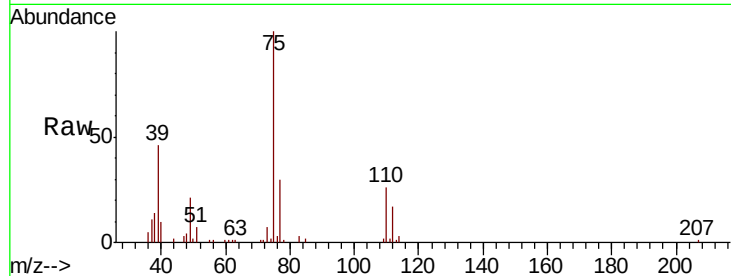
#53  
t-1,3-Dichloropropene  
Concen: 19.119 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.7  | 24.8  | 37.2  |

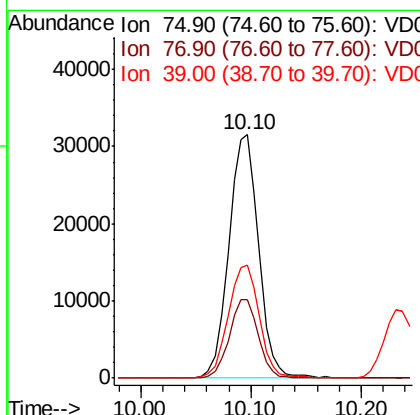
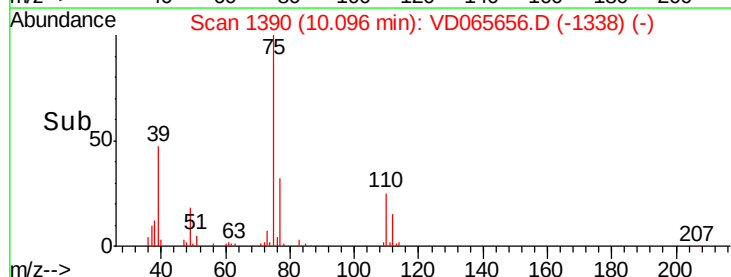
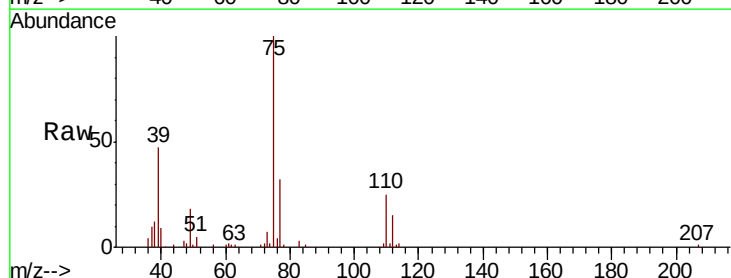
Manual Integrations  
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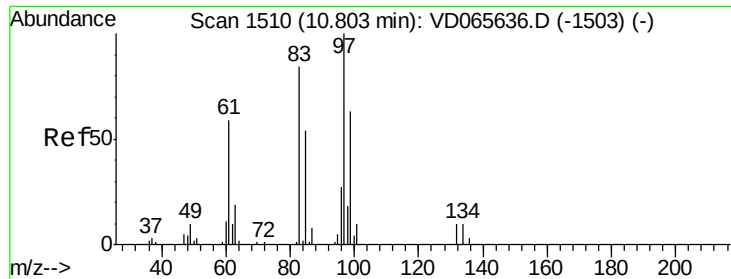


#54  
cis-1,3-Dichloropropene  
Concen: 19.121 ug/l  
RT: 10.10 min Scan# 1390  
Delta R.T. 0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.1  | 25.2  | 37.8  |
| 39      | 46.5  | 38.7  | 58.1  |







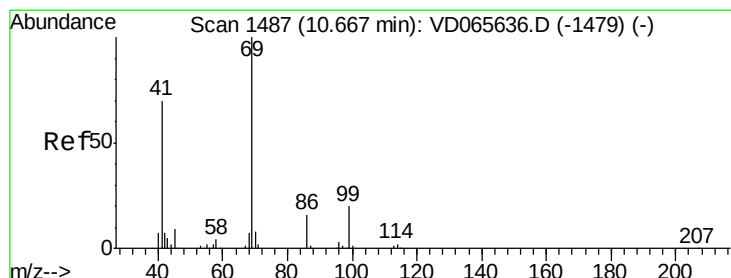
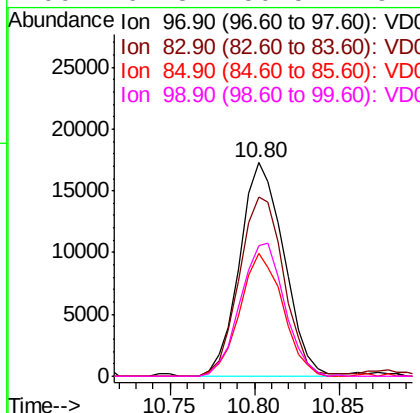
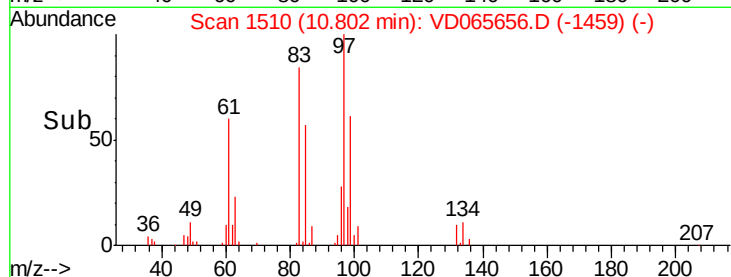
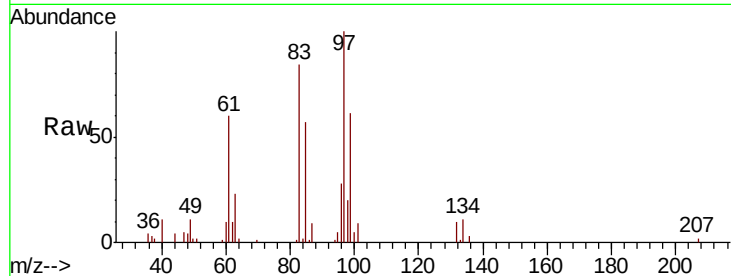
#55  
 1,1,2-Trichloroethane  
 Concen: 21.194 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 31523 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.1  | 67.4  | 101.0 |
| 85       | 57.3  | 43.4  | 65.0  |
| 99       | 61.3  | 50.5  | 75.7  |

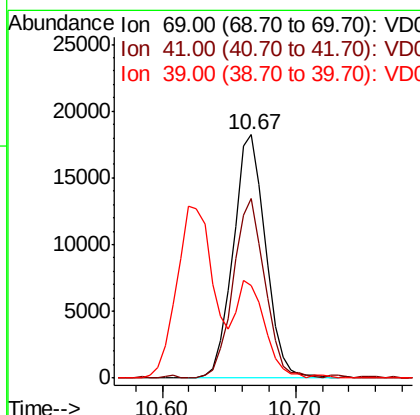
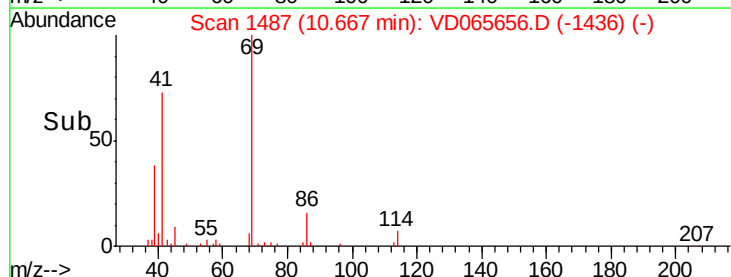
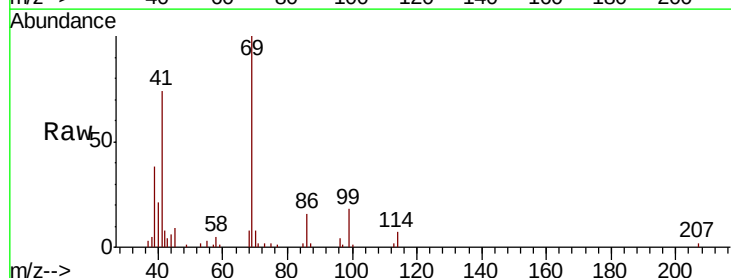
Manual Integrations  
 APPROVED

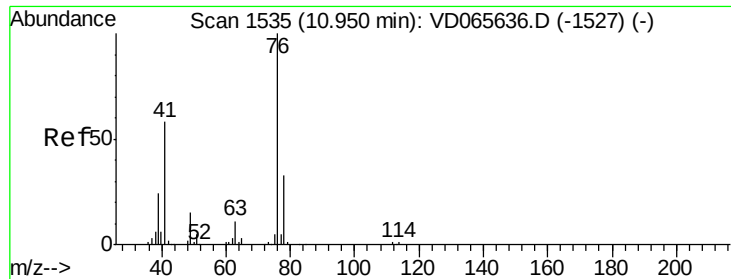
MMDadoda  
 4/20/2020 4:28:24 PM



#56  
 Ethyl methacrylate  
 Concen: 18.840 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 30738 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.3  | 56.2  | 84.4  |
| 39       | 35.5  | 26.6  | 39.8  |





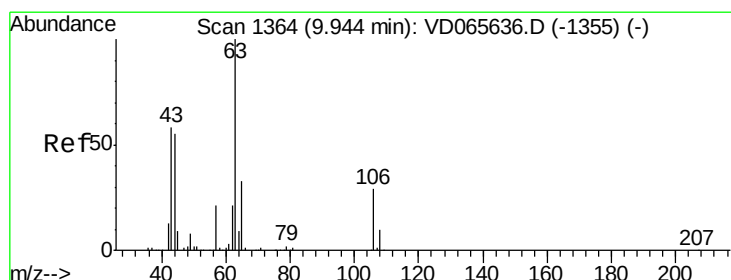
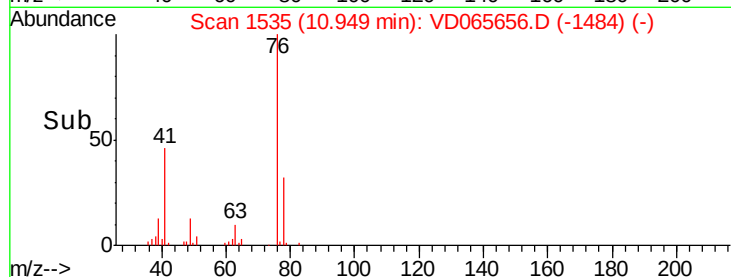
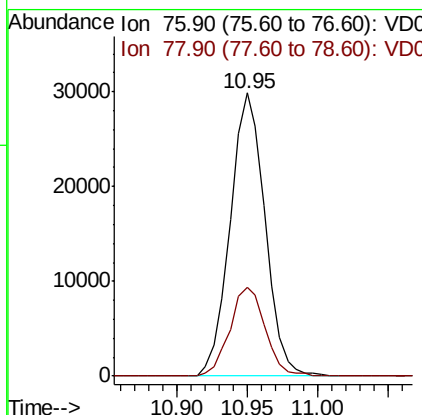
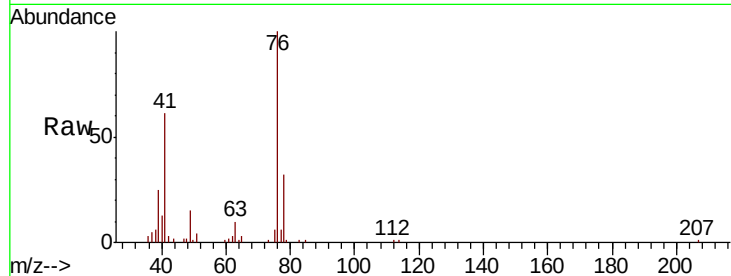
#57  
 1,3-Dichloropropane  
 Concen: 20.272 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.9  | 26.1  | 39.1  |

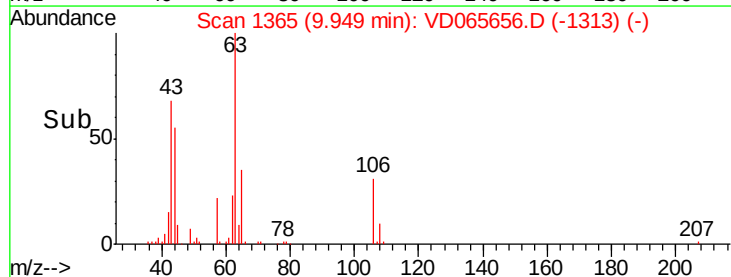
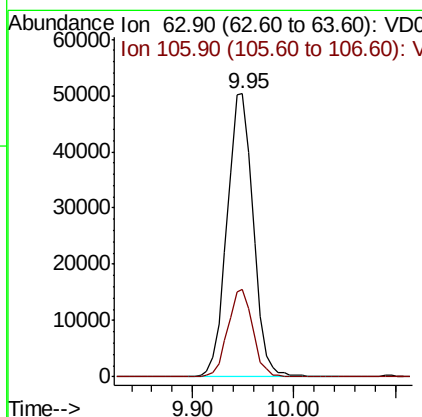
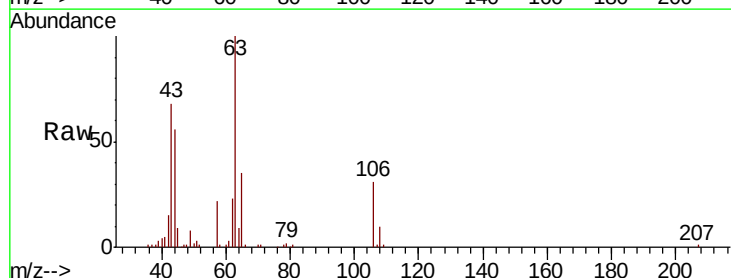
Manual Integrations  
 APPROVED

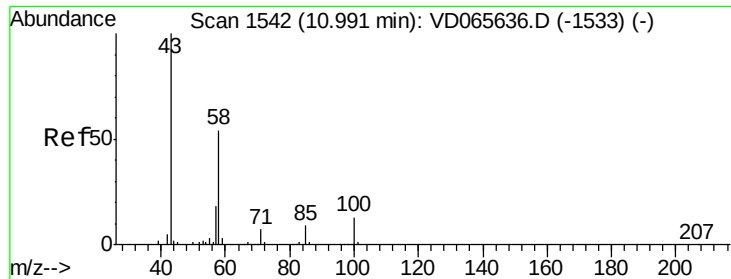
MMDadoda  
 4/20/2020 4:28:24 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.427 ug/l  
 RT: 9.95 min Scan# 1365  
 Delta R.T. 0.01 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.3  | 23.8  | 35.6  |





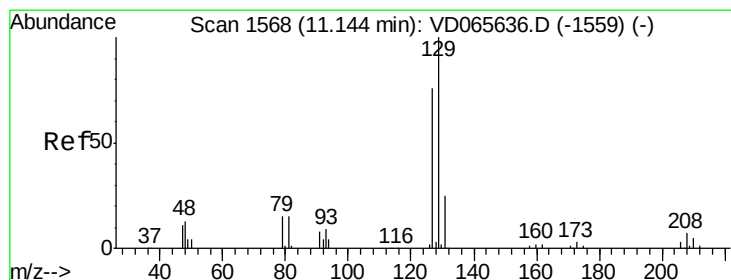
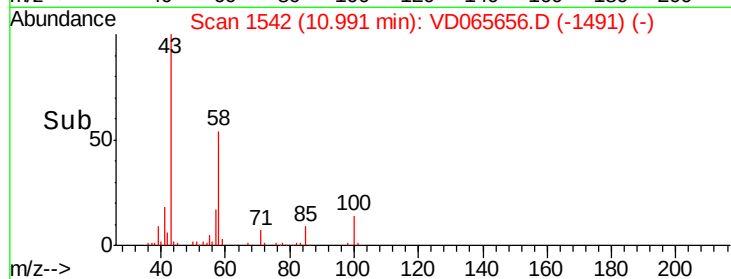
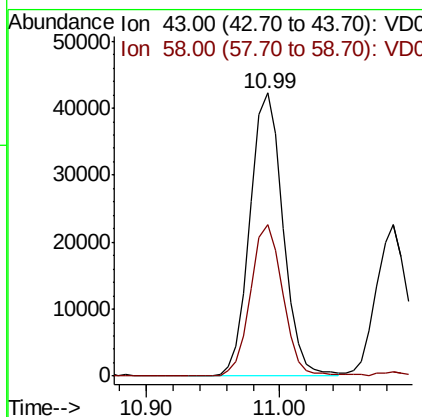
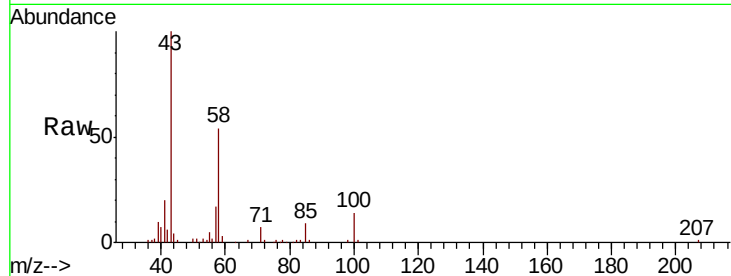
#59  
2-Hexanone  
Concen: 97.344 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

Tot Ion: 43 Resp: 72233  
Ion Ratio Lower Upper  
43 100  
58 52.5 26.5 79.4

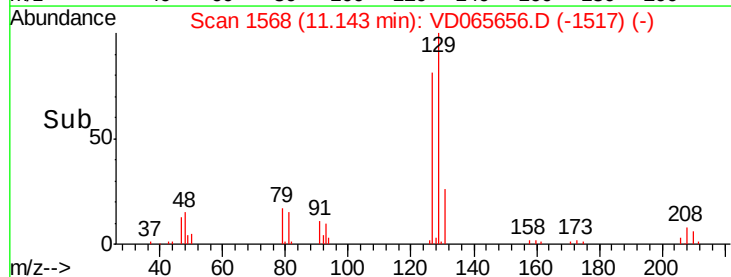
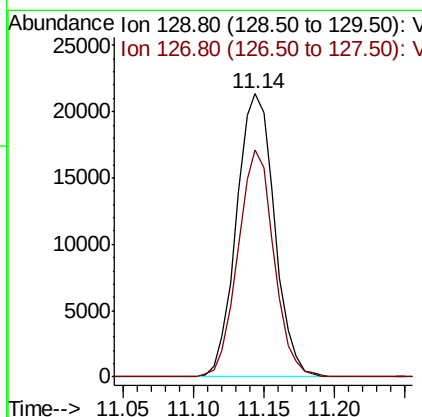
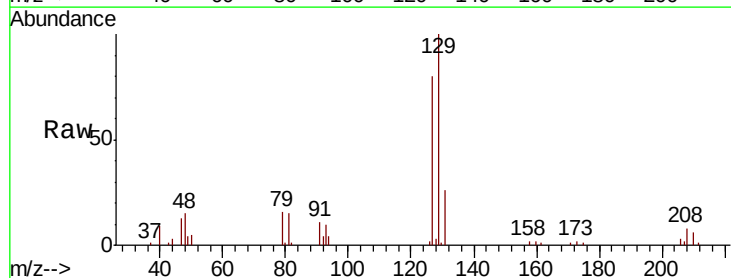
Manual Integrations  
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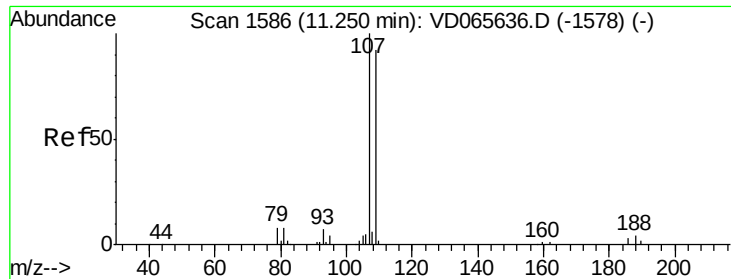
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.491 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Tgt Ion: 129 Resp: 40140  
Ion Ratio Lower Upper  
129 100  
127 75.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.385 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 107 Resp: 29174

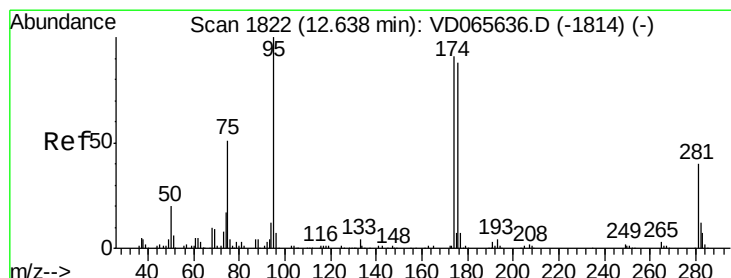
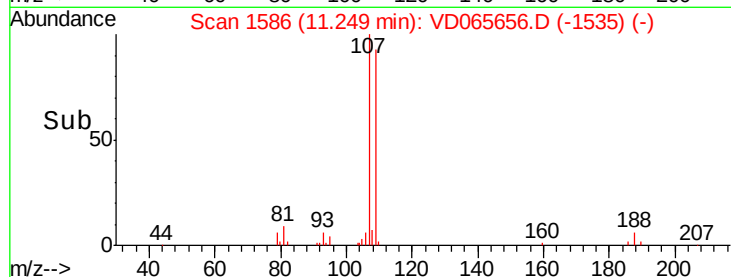
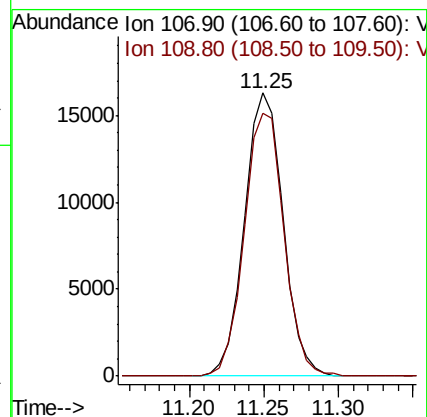
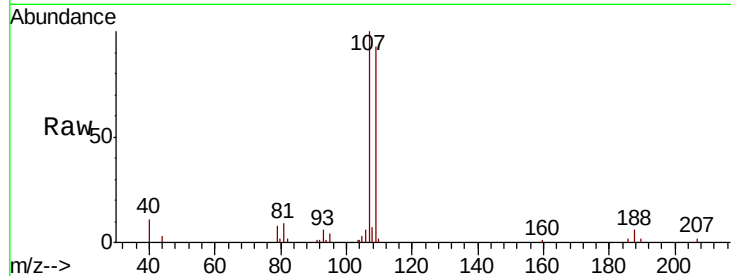
Ion Ratio Lower Upper

107 100

109 95.3 74.6 112.0

Manual Integrations  
APPROVED

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#62

4-Bromofluorobenzene

Concen: 54.620 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

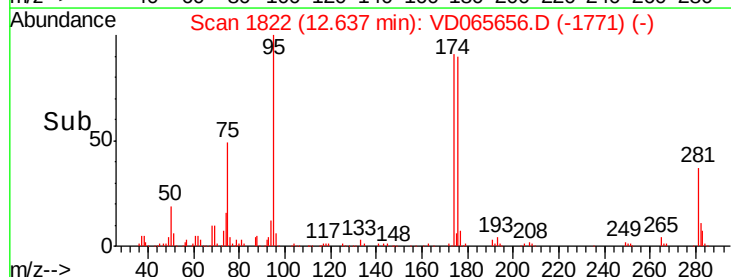
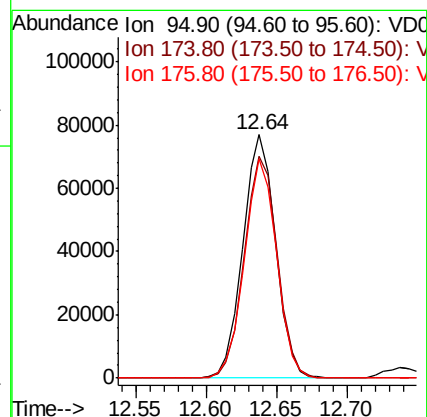
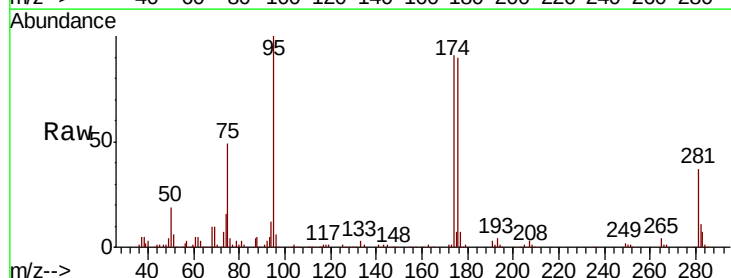
Tgt Ion: 95 Resp: 124446

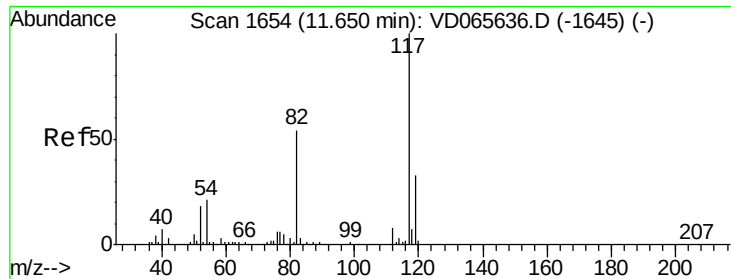
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.8

176 89.1 0.0 181.4





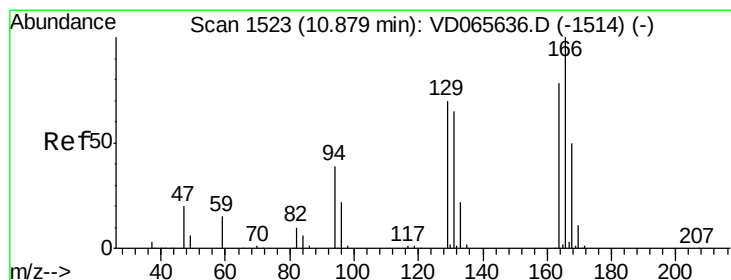
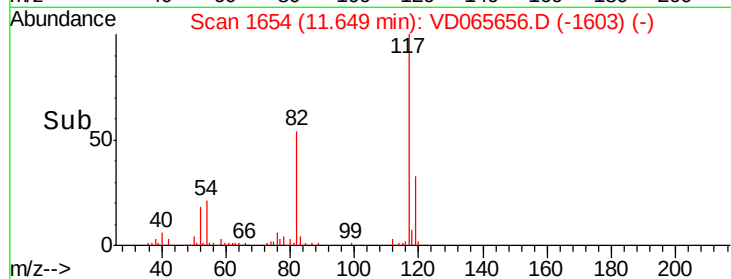
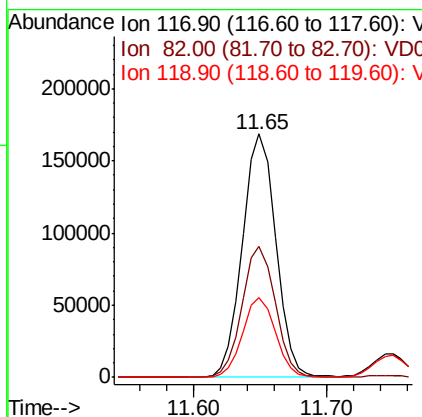
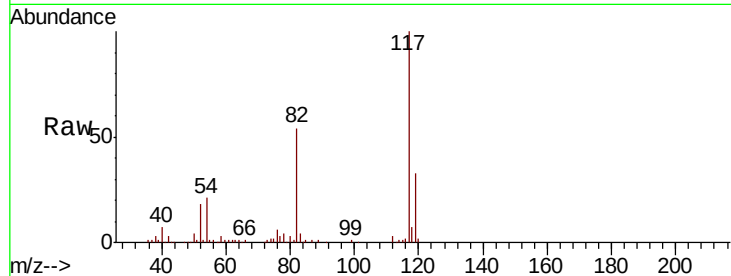
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 292874 |       |       |
| 82      | 53.8  |        | 43.2  | 64.8  |
| 119     | 32.7  |        | 26.2  | 39.4  |

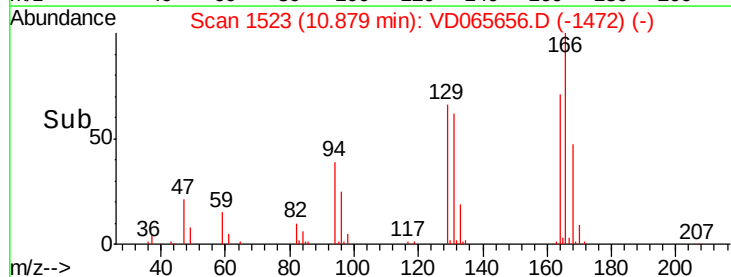
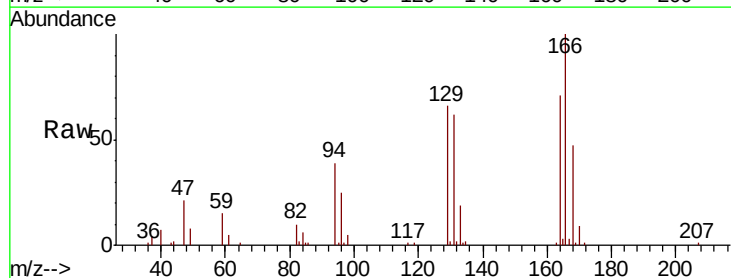
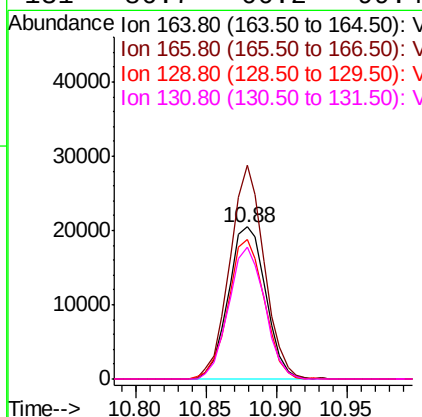
Manual Integrations  
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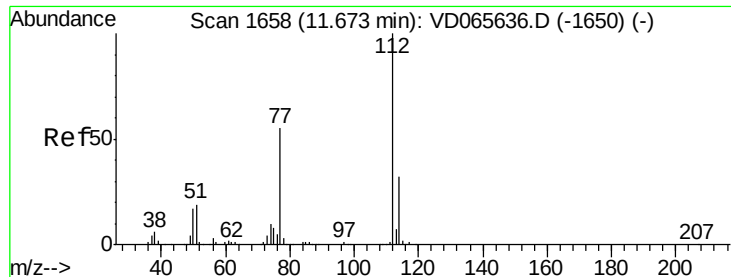
MMDadoda  
4/20/2020 4:28:24 PM



#64  
Tetrachloroethene  
Concen: 17.990 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 37804 |       |       |
| 166     | 140.3 |       | 102.3 | 153.5 |
| 129     | 91.9  |       | 71.7  | 107.5 |
| 131     | 86.7  |       | 66.2  | 99.4  |





#65

Chlorobenzene

Concen: 19.078 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion:112 Resp: 110627

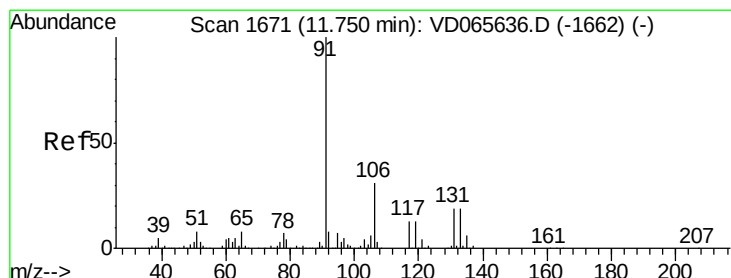
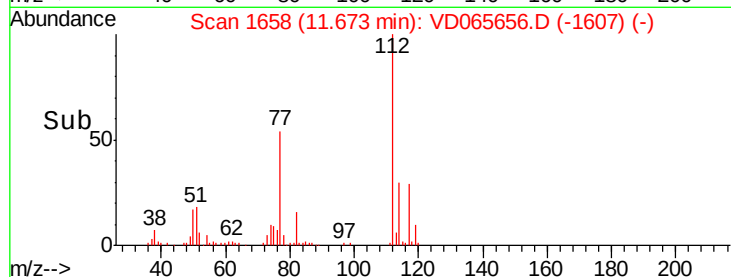
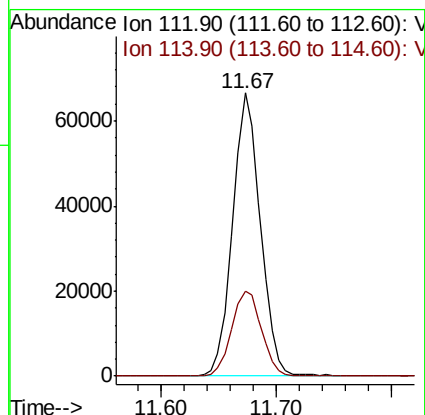
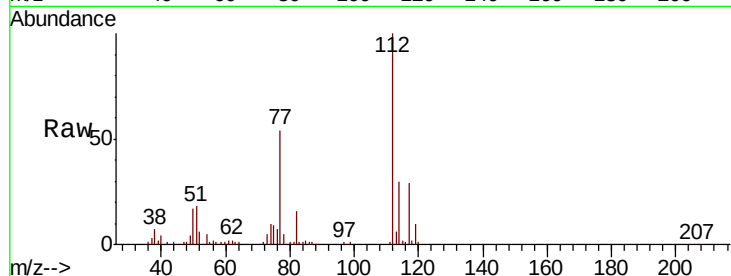
Ion Ratio Lower Upper

112 100

114 30.0 25.3 37.9

Manual Integrations  
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.410 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

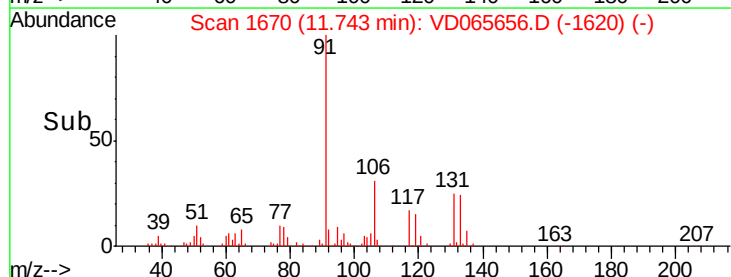
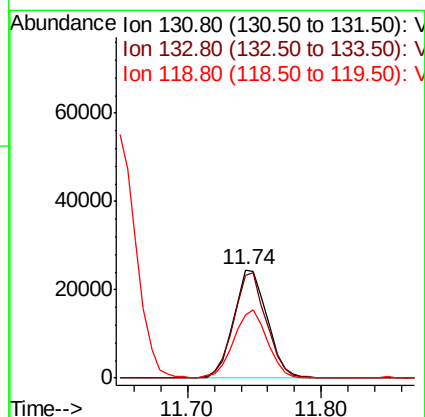
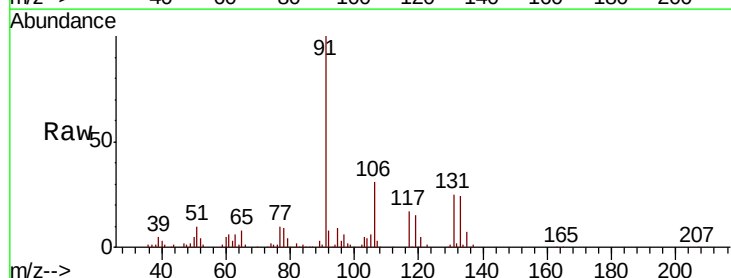
Tgt Ion:131 Resp: 43032

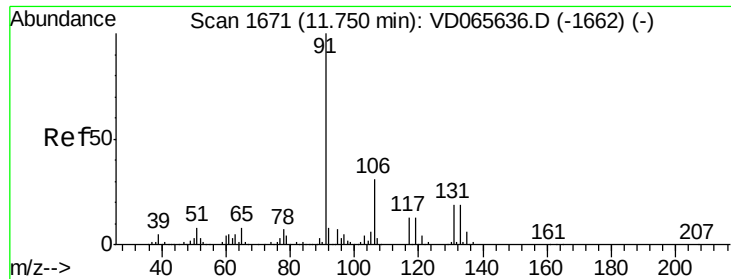
Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

119 62.6 32.6 97.7





#67

Ethyl Benzene

Concen: 17.968 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 91 Resp: 178062

Ion Ratio Lower Upper

91 100

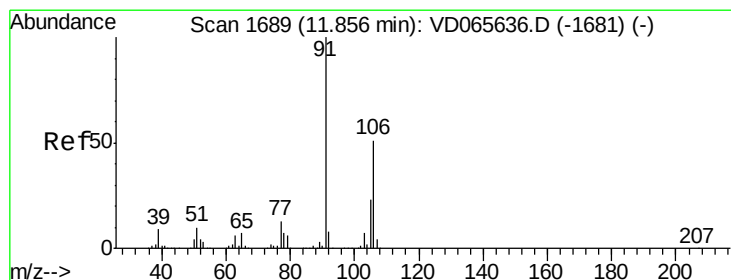
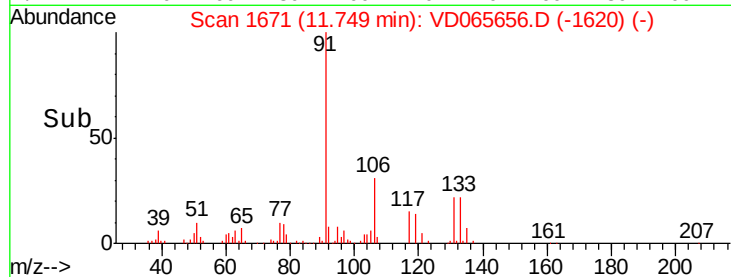
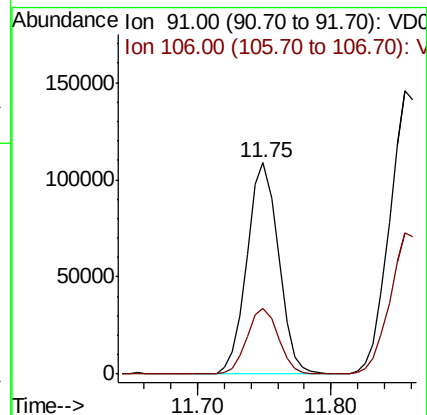
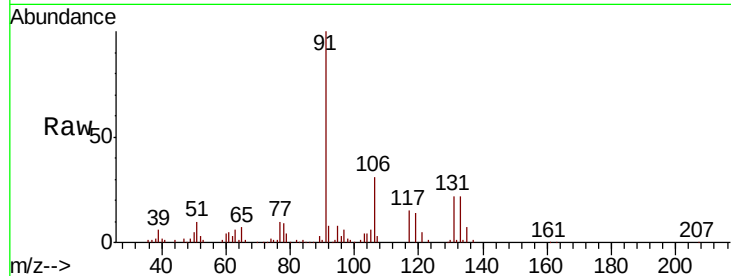
106 31.2 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.323 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065656.D

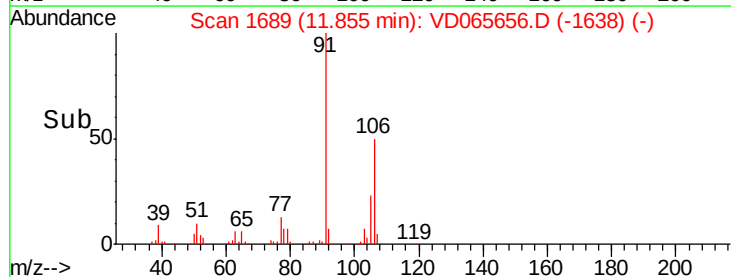
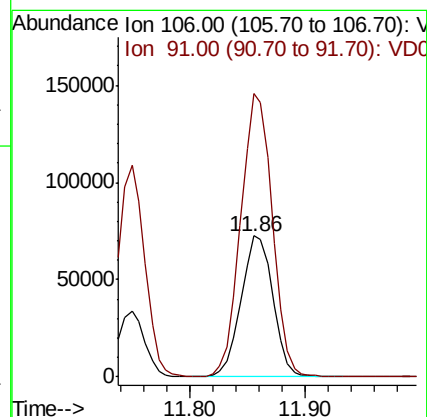
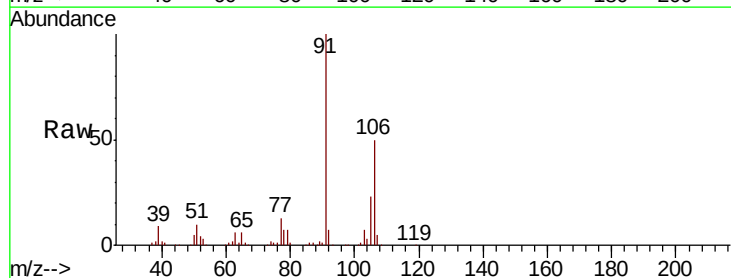
Acq: 17 Apr 2020 20:45

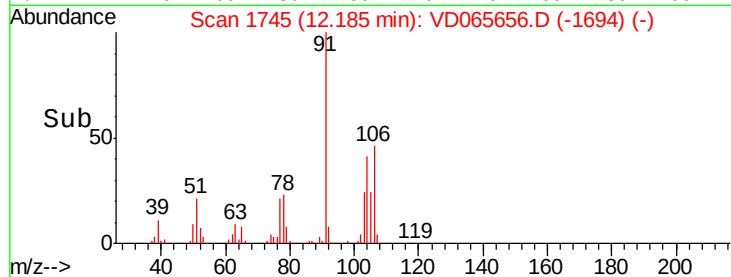
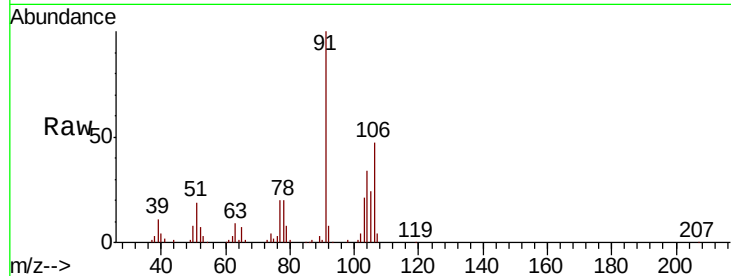
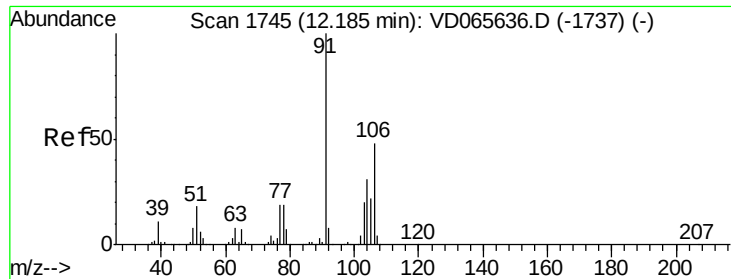
Tgt Ion: 106 Resp: 139065

Ion Ratio Lower Upper

106 100

91 199.2 157.9 236.9





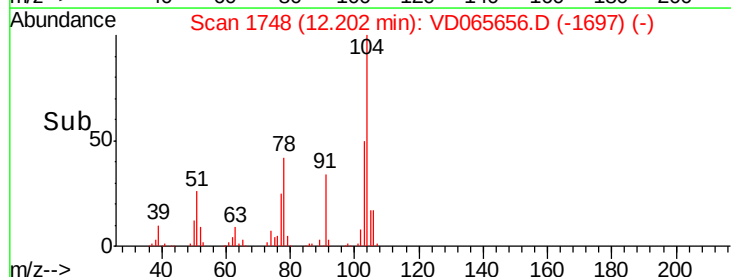
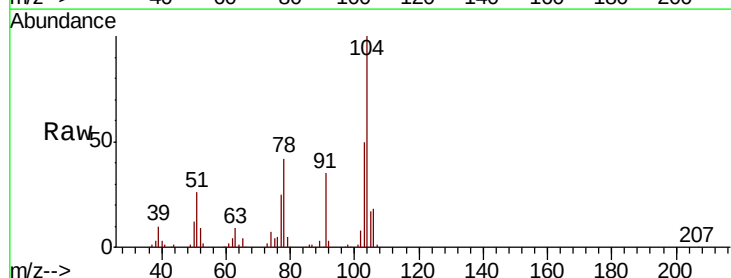
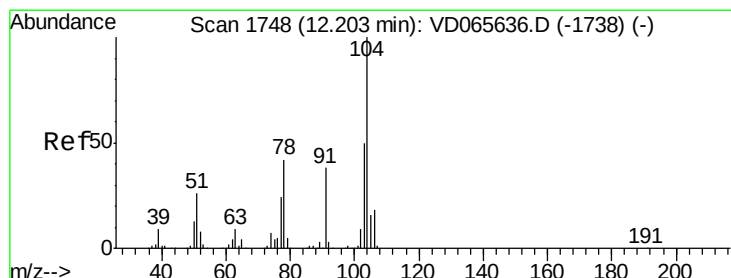
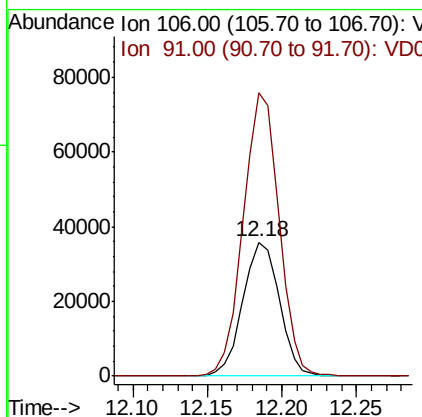
#69  
o-Xylene  
Concen: 18.115 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Tot Ion:106 Resp: 60852  
Ion Ratio Lower Upper  
106 100  
91 207.7 103.6 310.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

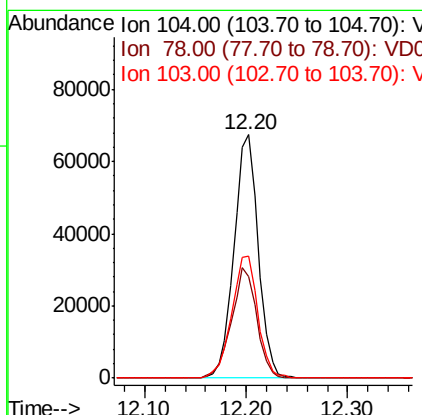
Manual Integrations  
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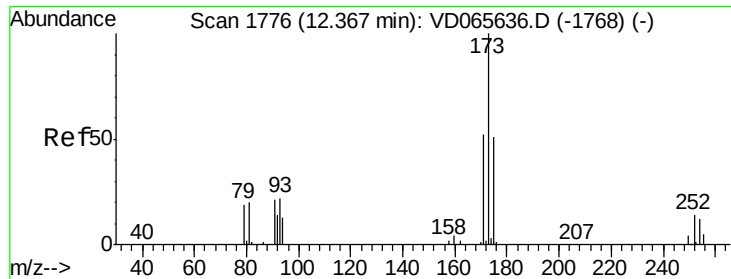


#70  
Styrene  
Concen: 18.827 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Tgt Ion:104 Resp: 111946  
Ion Ratio Lower Upper  
104 100  
78 47.1 37.5 56.3  
103 53.9 43.4 65.0







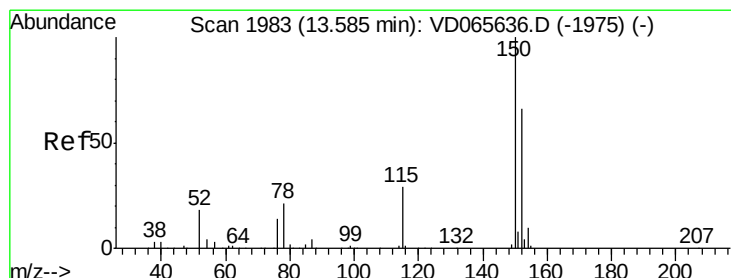
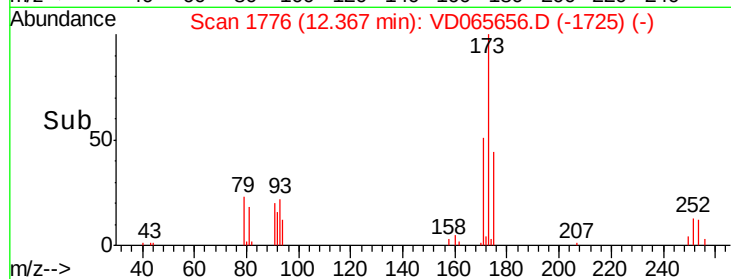
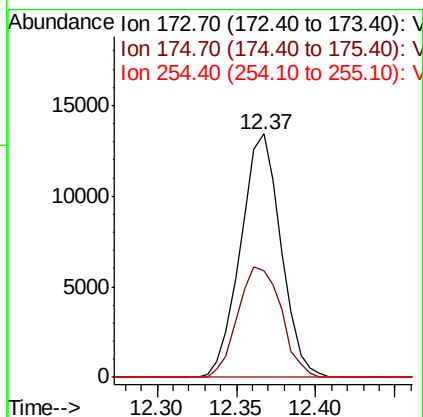
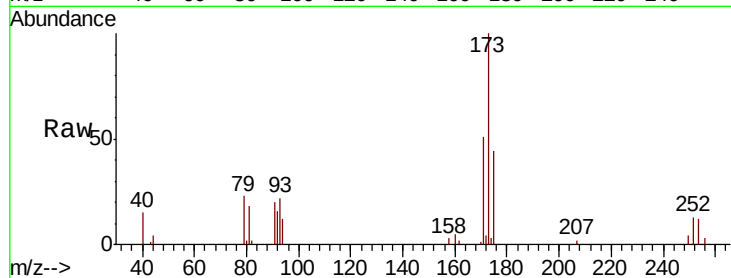
#71  
Bromoform  
Concen: 19.077 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 25.1  | 75.2  |
| 254     | 0.0   | 0.0   | 0.0   |

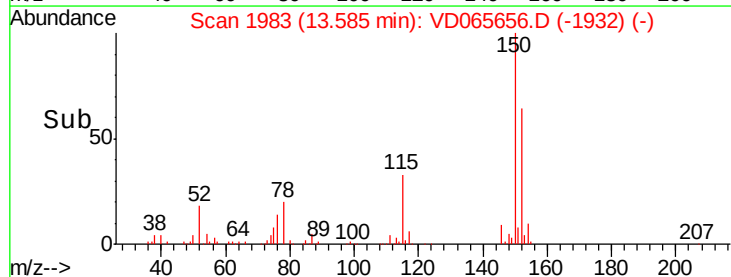
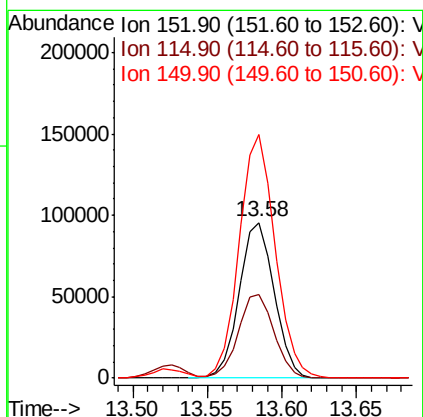
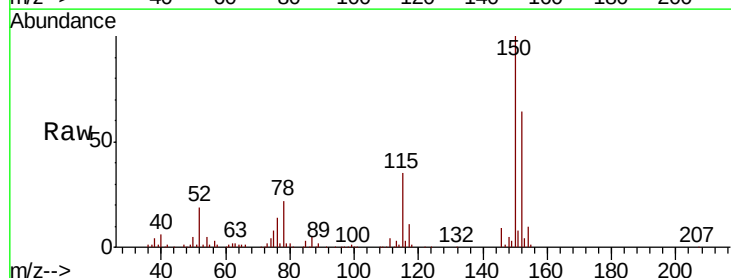
Manual Integrations  
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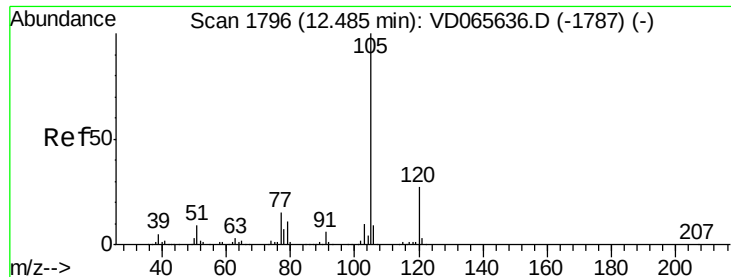
MMDadoda  
4/20/2020 4:28:24 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.0  | 27.6  | 82.7  |
| 150     | 160.9 | 0.0   | 346.0 |





#73

Isopropylbenzene

Concen: 16.931 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion:105 Resp: 158226

Ion Ratio Lower Upper

105 100

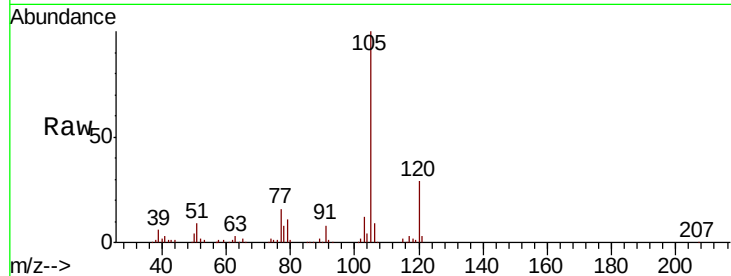
120 27.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

100000

80000

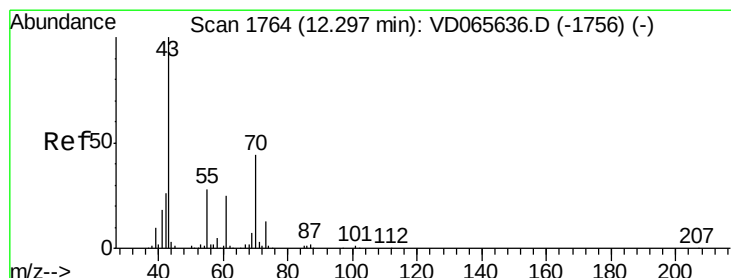
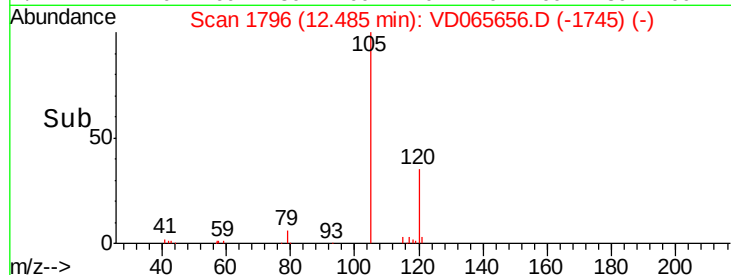
60000

40000

20000

0

Time--> 12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 18.538 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Tgt Ion: 43 Resp: 36492

Ion Ratio Lower Upper

43 100

70 44.1 35.4 53.0

55 30.2 22.2 33.2

61 22.8 19.3 28.9

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

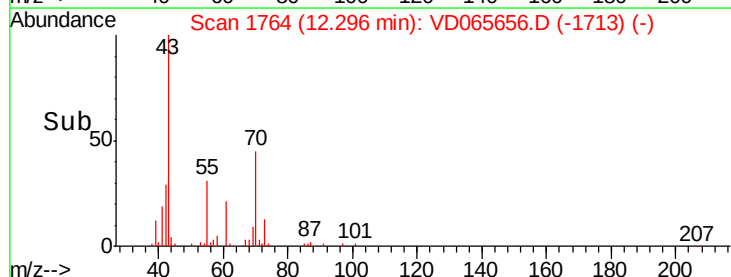
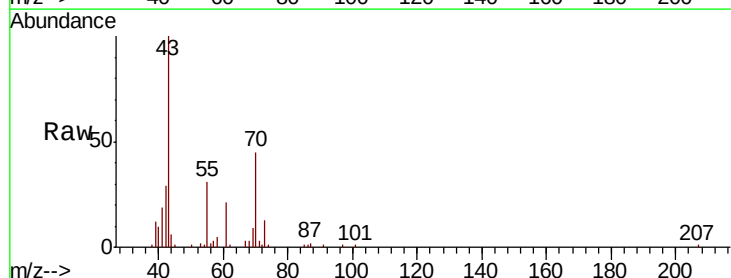
30000

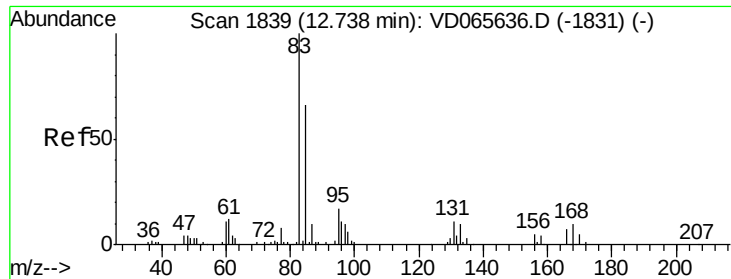
20000

10000

0

Time--> 12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 20.441 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

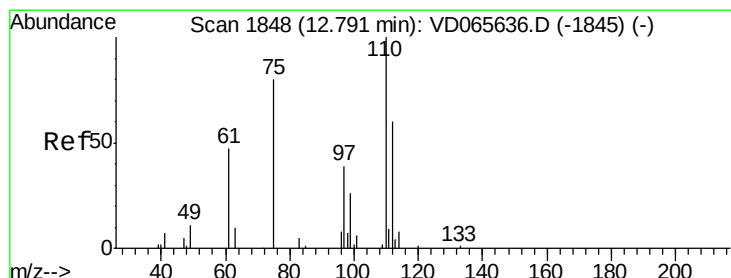
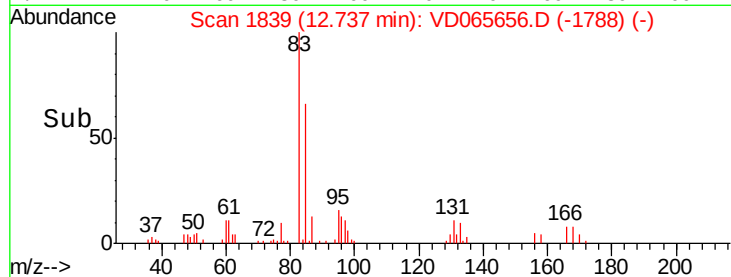
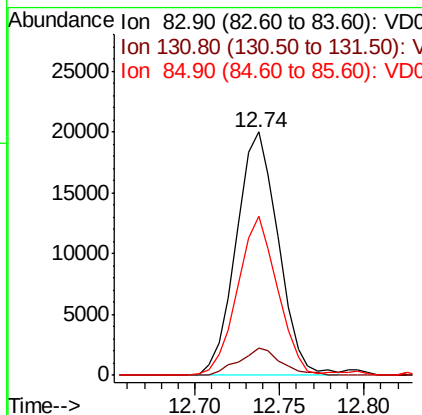
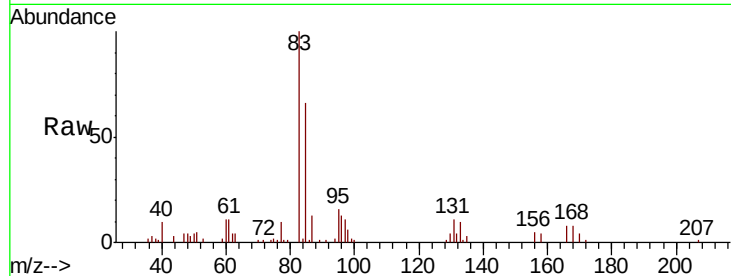
ClientSampleId :

VD0417SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 34685 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.2  | 5.7   | 17.0  |
| 85       | 62.3  | 32.5  | 97.4  |

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#76

1,2,3-Trichloropropane

Concen: 17.521 ug/l m

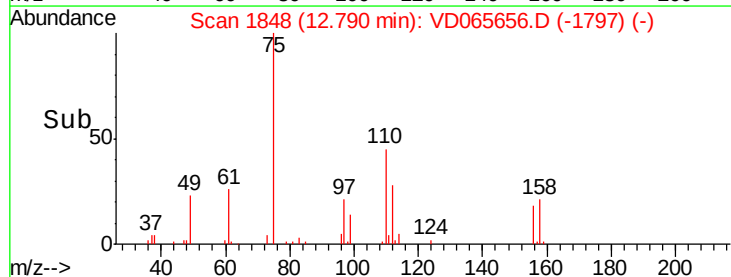
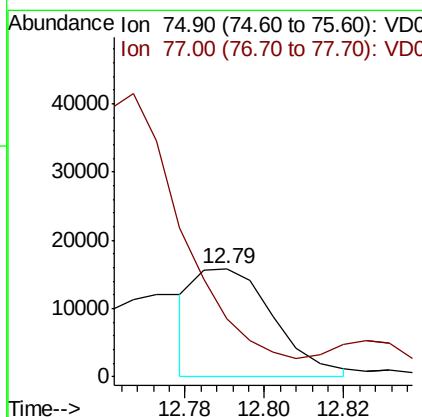
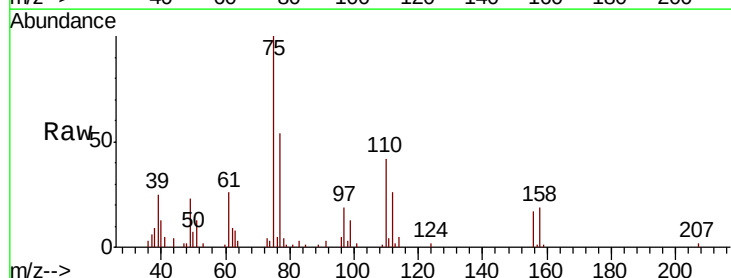
RT: 12.79 min Scan# 1848

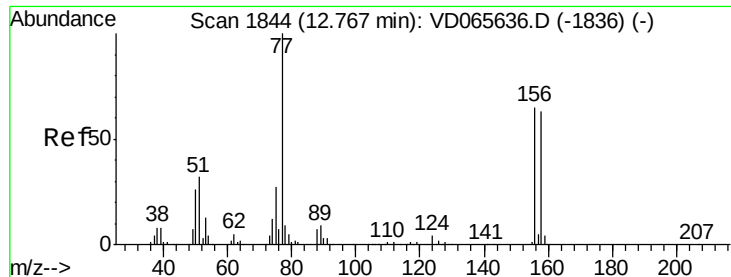
Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 21828 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 18.871 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion:156 Resp: 46833

Ion Ratio Lower Upper

156 100

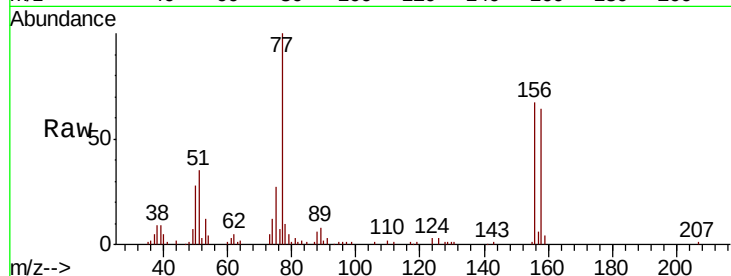
77 166.1 84.7 254.1

158 97.4 48.5 145.5

Manual Integrations  
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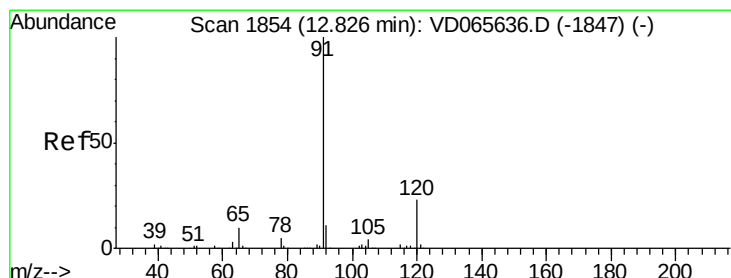
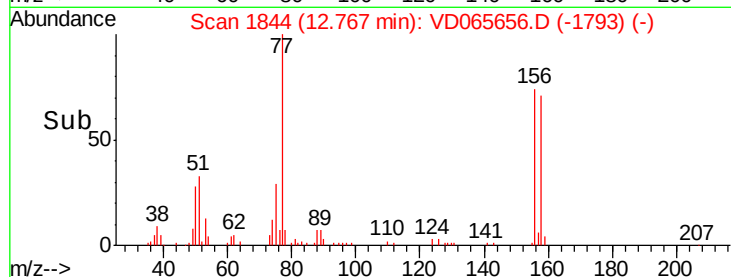
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

12.77

Time-->



#78

n-propylbenzene

Concen: 17.829 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065656.D

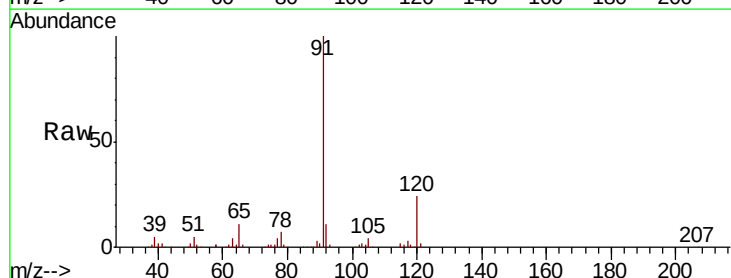
Acq: 17 Apr 2020 20:45

Tgt Ion: 91 Resp: 201562

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.1

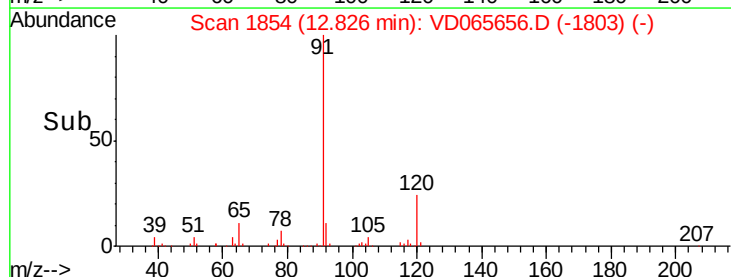


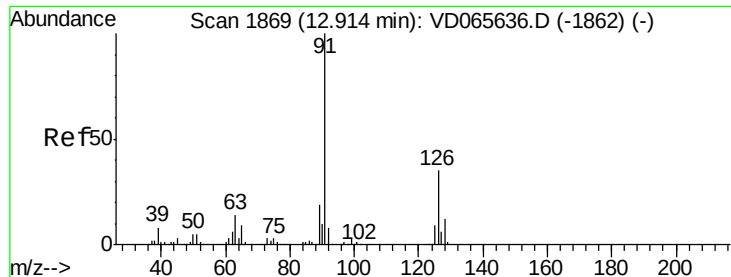
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.83

Time-->





#79

2-Chlorotoluene

Concen: 18.128 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion: 91 Resp: 116386

Ion Ratio Lower Upper

91 100

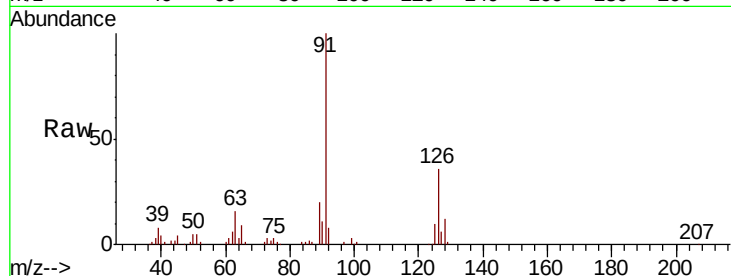
126 35.0 17.8 53.3

Manual Integrations

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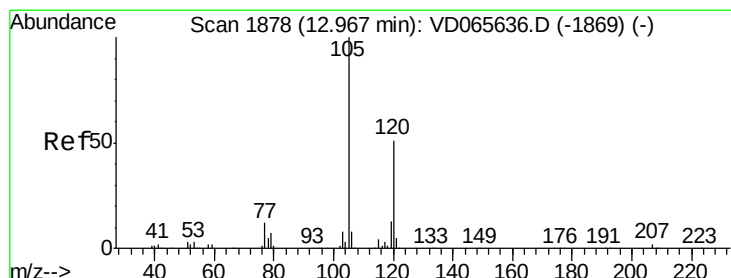
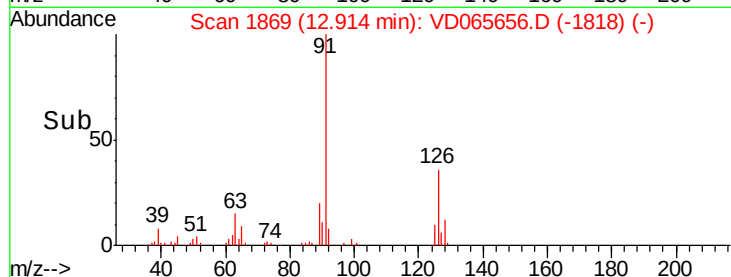


Abundance Ion 91.00 (90.70 to 91.70): VD065636.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065636.D (-1862) (-)

12.91

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.914 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065656.D

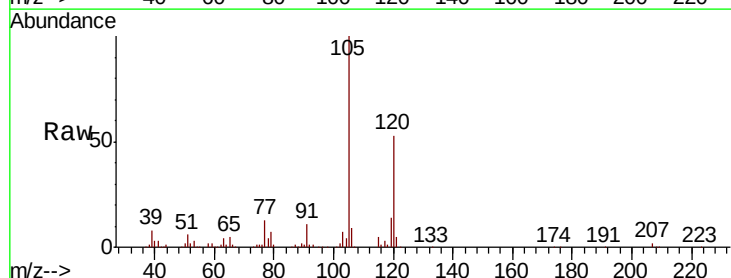
Acq: 17 Apr 2020 20:45

Tgt Ion:105 Resp: 141281

Ion Ratio Lower Upper

105 100

120 51.4 25.2 75.6

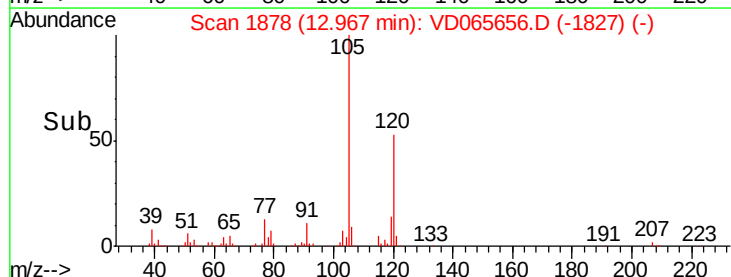


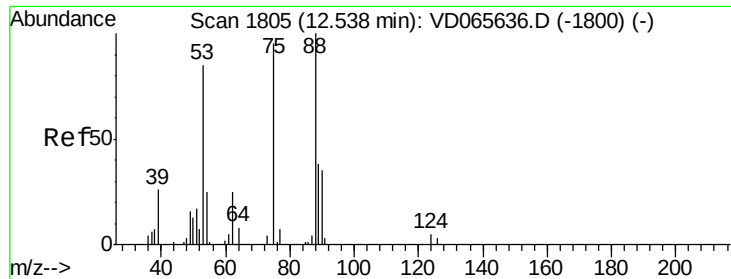
Abundance Ion 105.00 (104.70 to 105.70): VD065636.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065636.D (-1869) (-)

12.97

Time-->





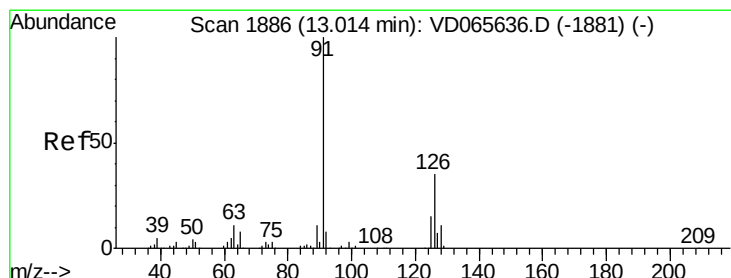
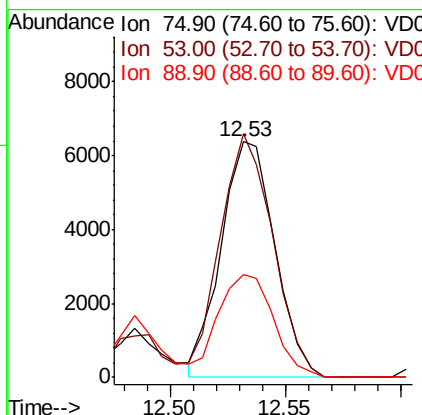
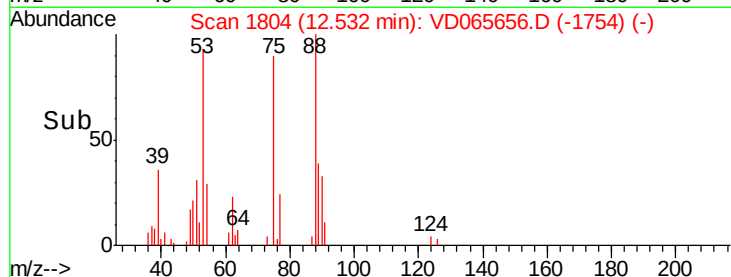
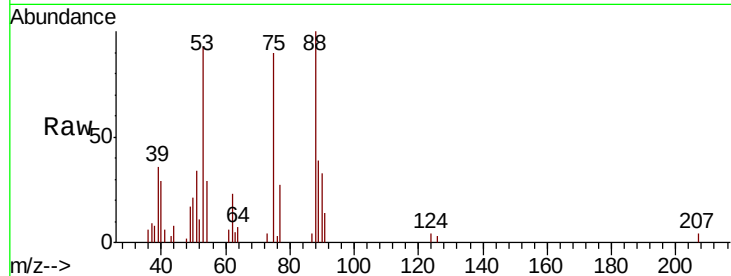
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.186 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 102.1 | 76.8  | 115.2 |
| 89      | 45.0  | 36.1  | 54.1  |

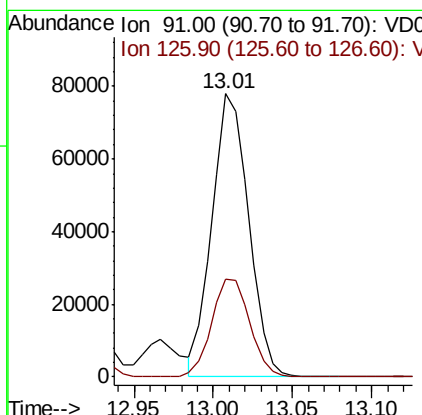
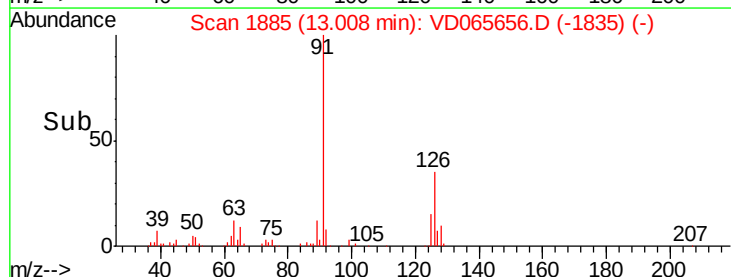
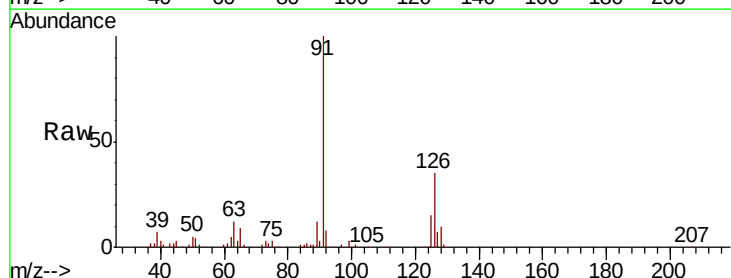
Manual Integrations  
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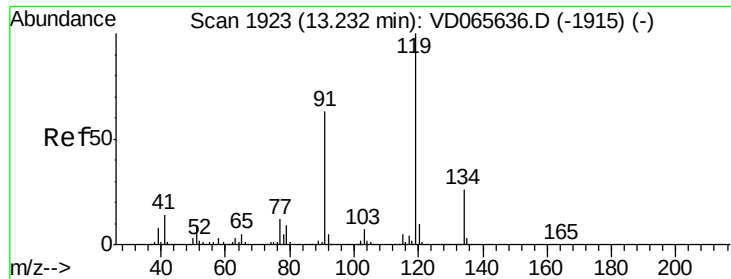
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 18.176 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.0  | 17.5  | 52.6  |





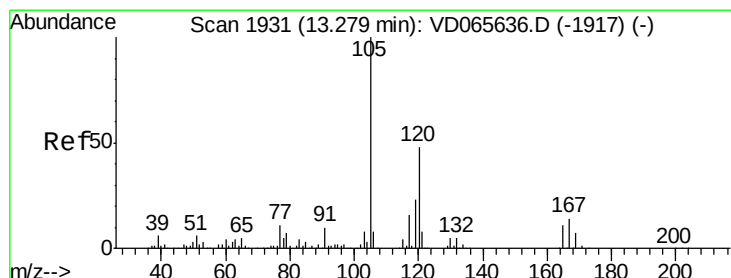
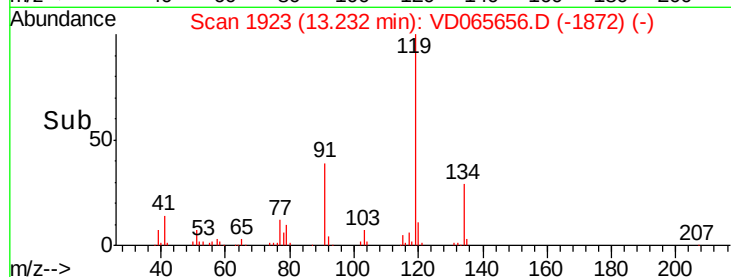
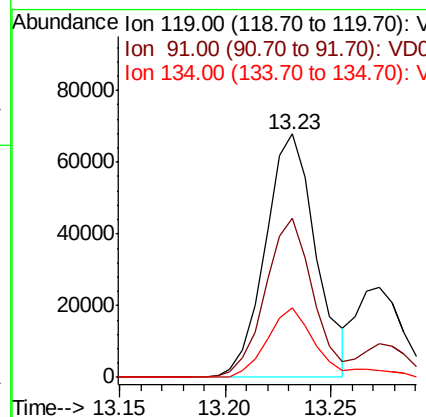
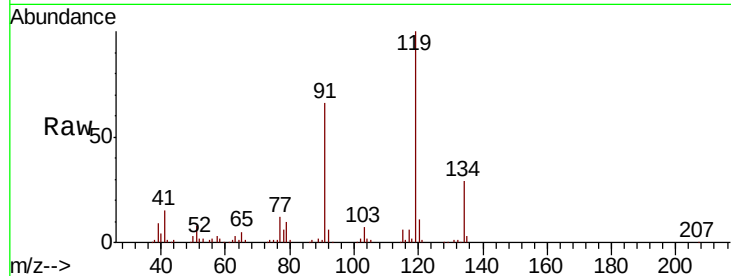
#83  
tert-Butylbenzene  
Concen: 17.133 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 113295 |       |       |
| 91      | 61.7  |        | 31.7  | 95.1  |
| 134     | 29.0  |        | 14.0  | 41.9  |

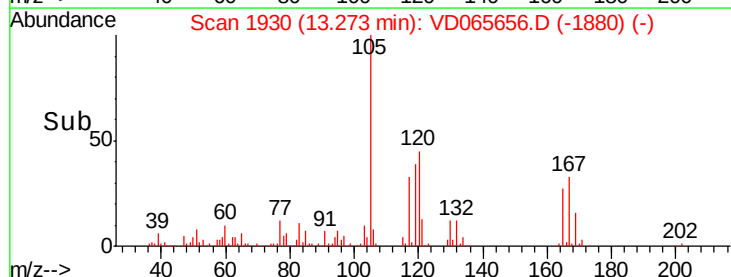
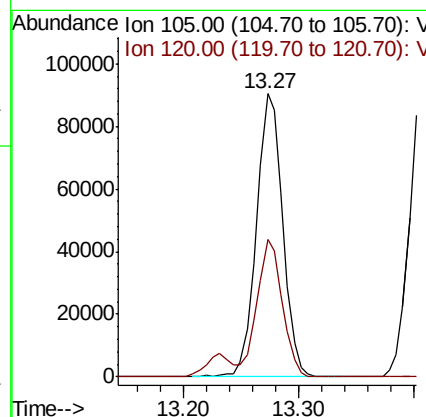
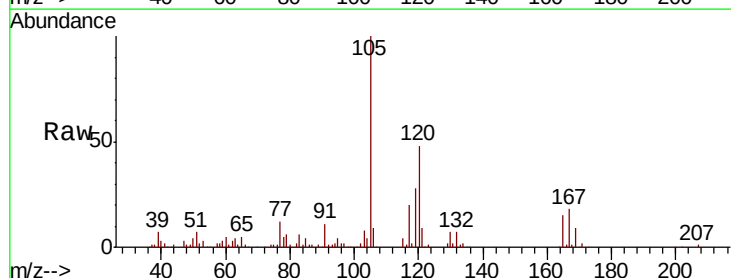
Manual Integrations  
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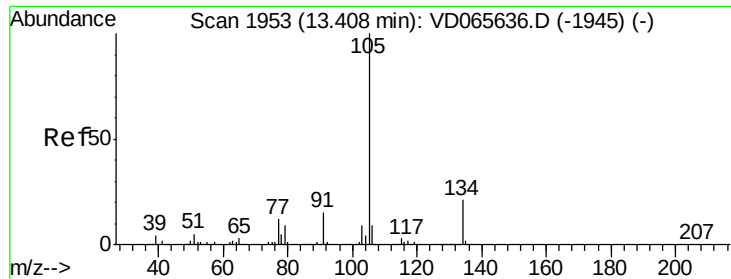
MMDadoda  
4/20/2020 4:28:24 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.239 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 143406 |       |       |
| 120     | 47.3  |        | 23.5  | 70.6  |





#85

sec-Butylbenzene

Concen: 16.946 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

Instrument :

MSVOA\_D

ClientSampleId :

VD0417SBS01

Tot Ion:105 Resp: 160310

Ion Ratio Lower Upper

105 100

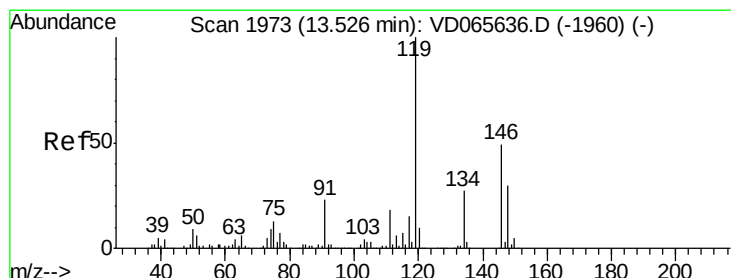
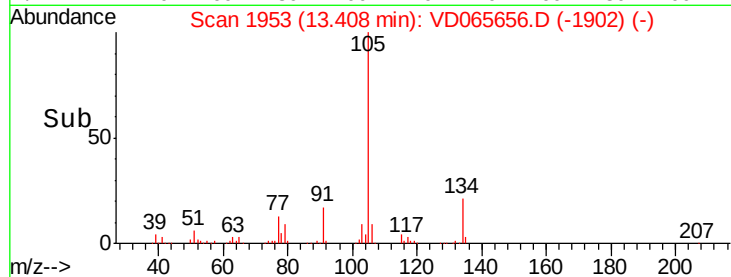
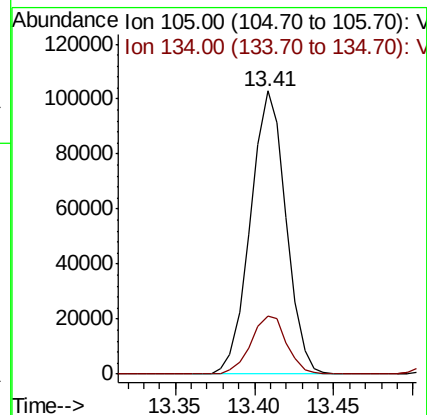
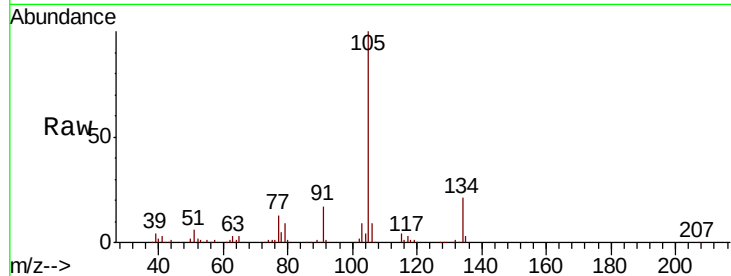
134 20.6 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 16.278 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065656.D

Acq: 17 Apr 2020 20:45

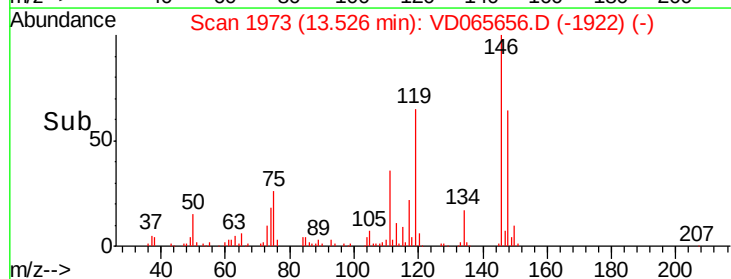
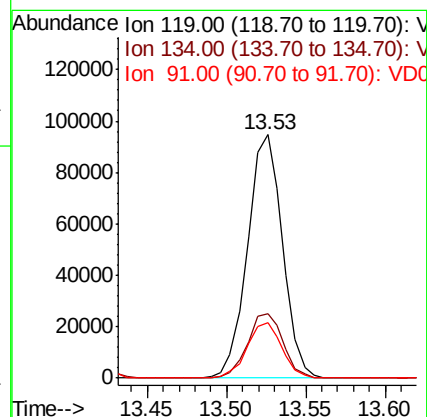
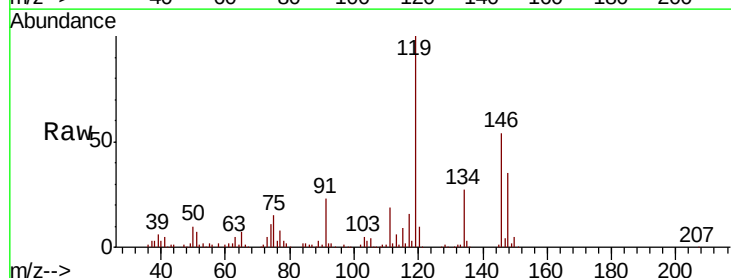
Tgt Ion:119 Resp: 144524

Ion Ratio Lower Upper

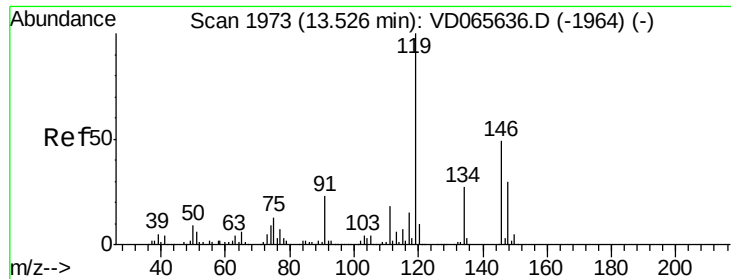
119 100

134 27.0 13.4 40.1

91 22.7 11.1 33.3







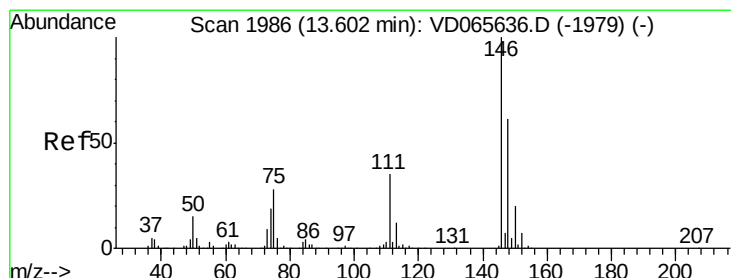
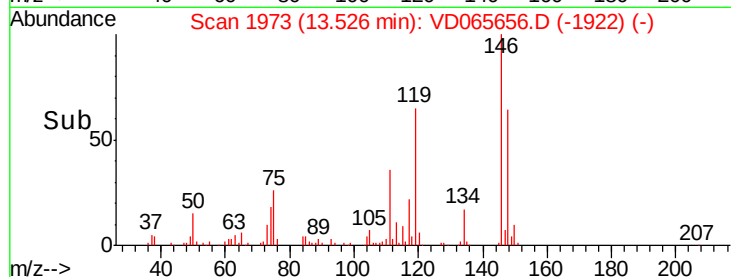
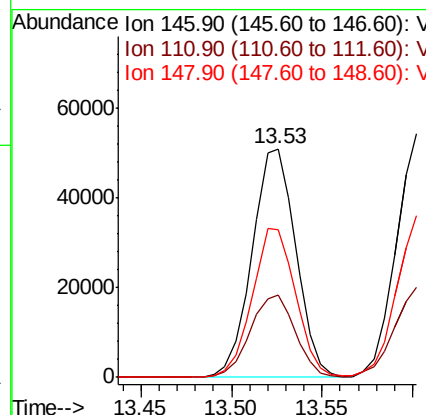
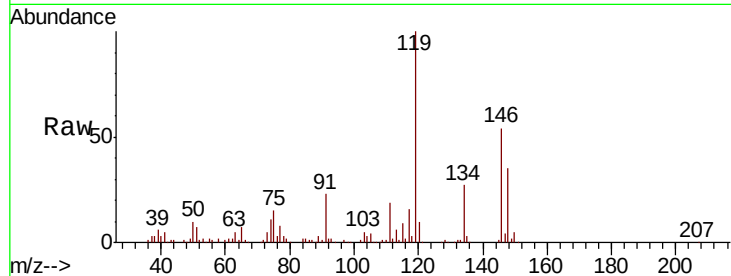
#87  
 1,3-Dichlorobenzene  
 Concen: 17.531 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.6  | 55.6  |
| 148     | 64.8  | 31.6  | 94.8  |

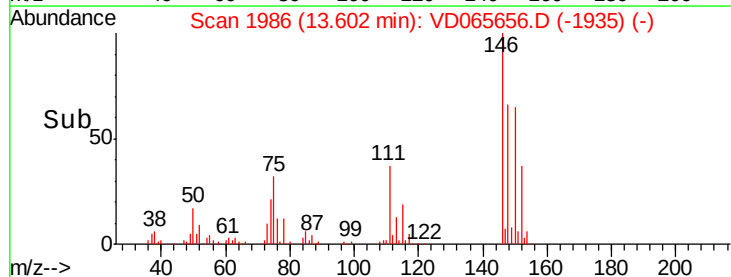
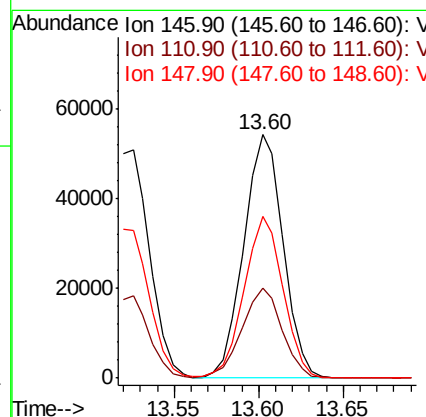
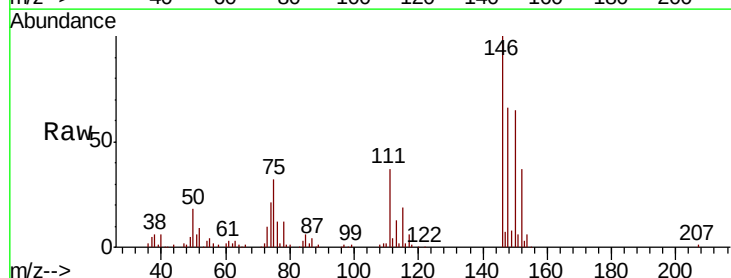
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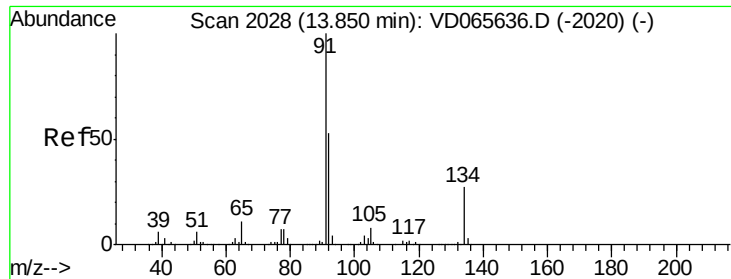
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.164 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 18.0  | 54.0  |
| 148     | 65.7  | 31.4  | 94.2  |





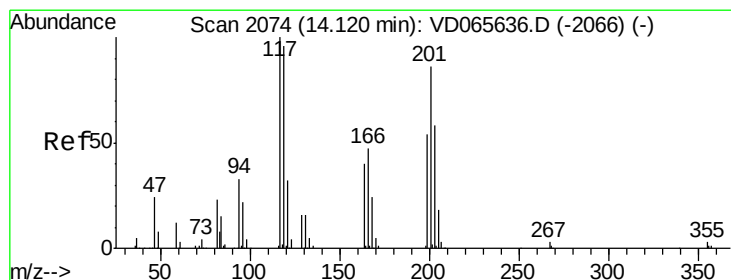
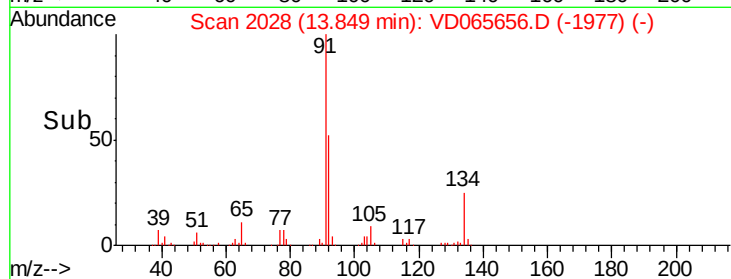
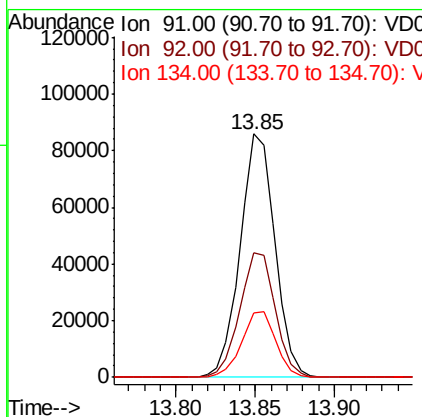
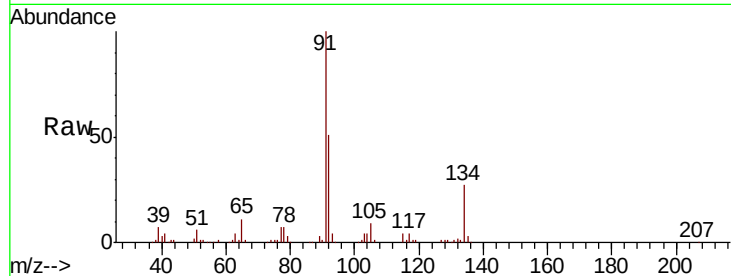
#89  
n-Butylbenzene  
Concen: 16.224 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 52.3  | 26.9 | 80.6  |       |
| 134     | 26.4  | 13.6 | 40.8  |       |

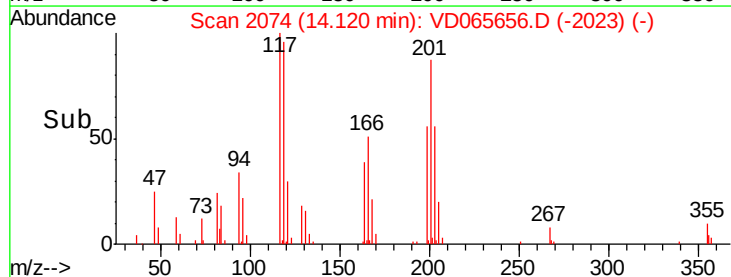
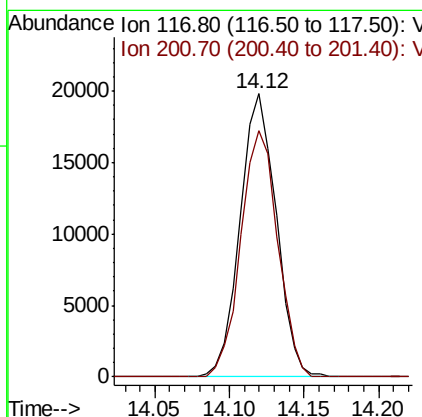
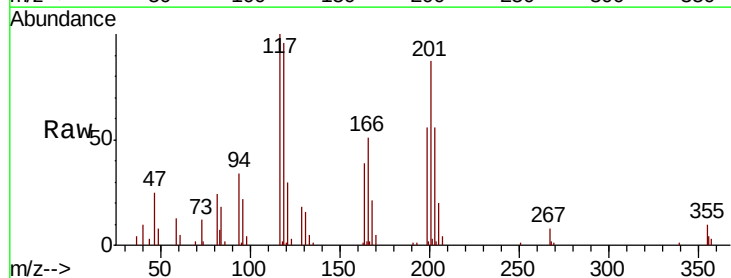
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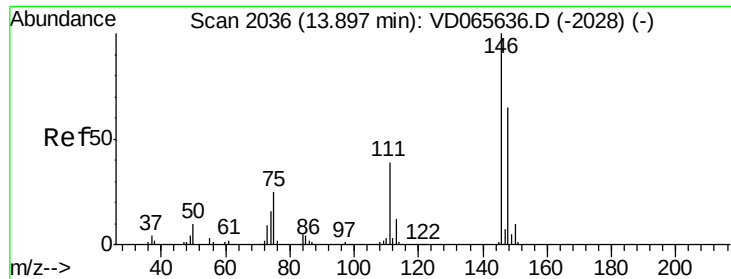
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#90  
Hexachloroethane  
Concen: 17.845 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 88.7  | 44.9 | 134.7 |       |





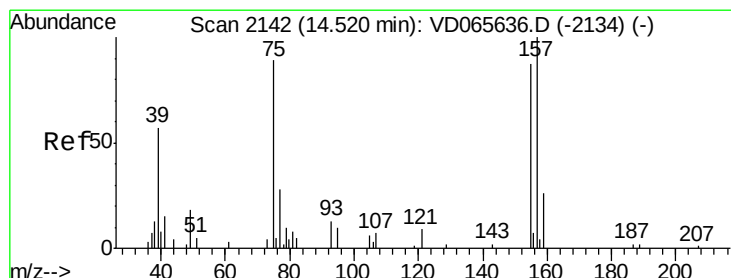
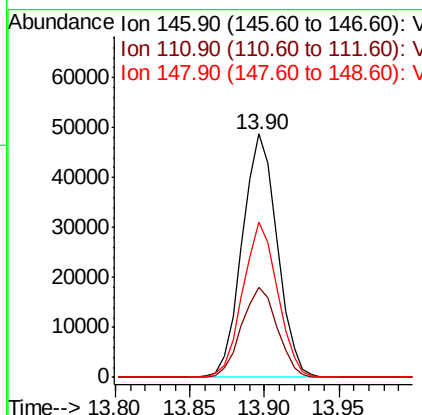
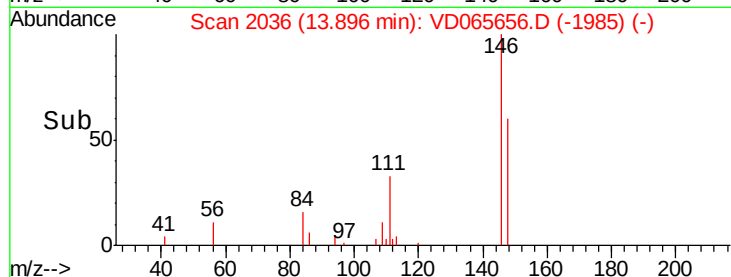
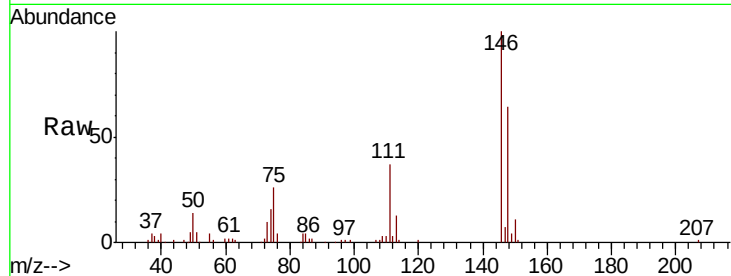
#91  
 1,2-Dichlorobenzene  
 Concen: 18.949 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 19.3  | 57.9  |
| 148     | 63.6  | 32.0  | 96.0  |

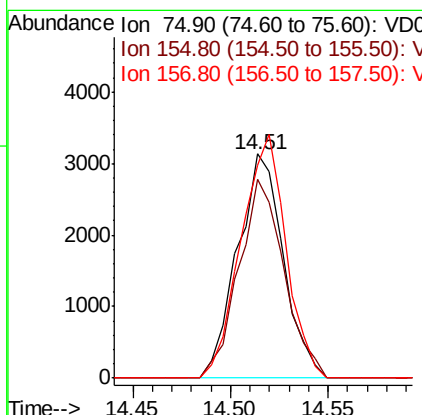
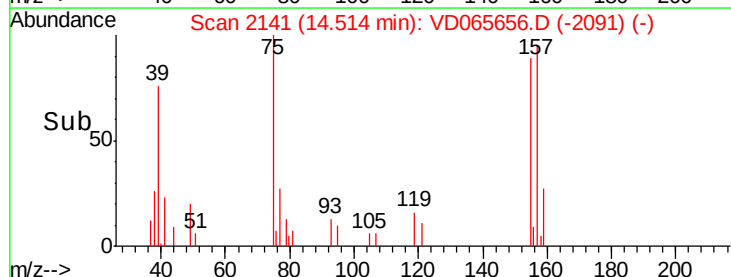
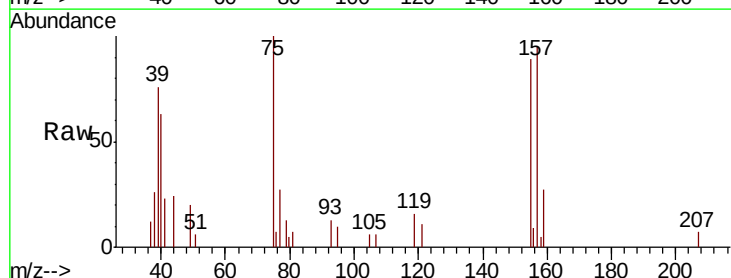
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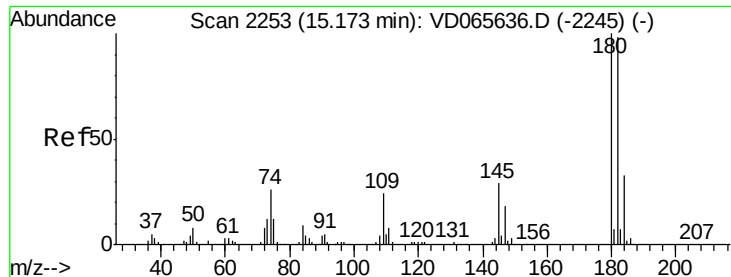
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.765 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.1  | 48.0  | 144.2 |
| 157     | 106.5 | 59.2  | 177.6 |





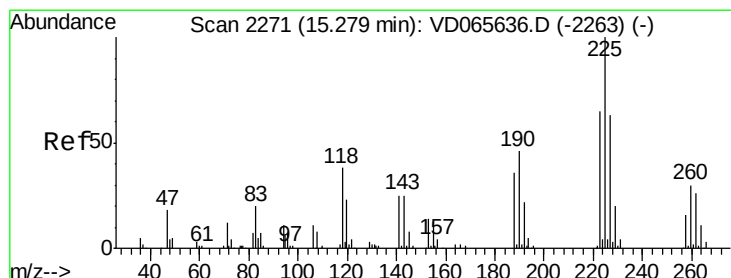
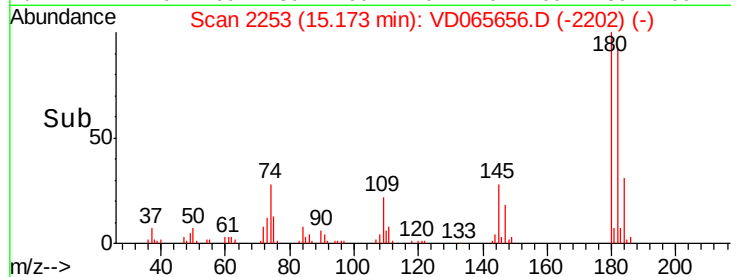
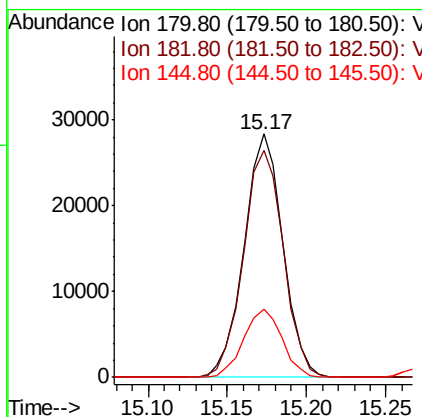
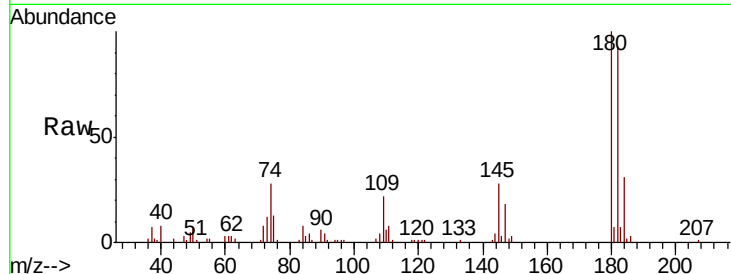
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.826 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 48.9  | 146.6 |
| 145     | 27.6  | 13.8  | 41.3  |

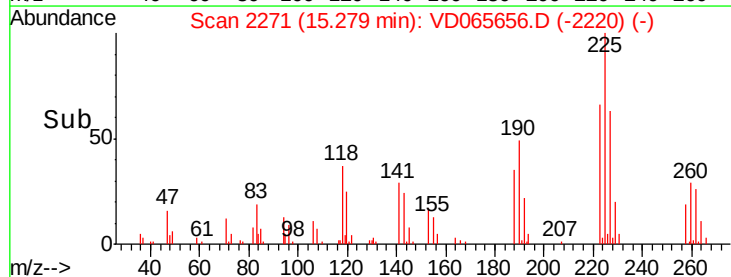
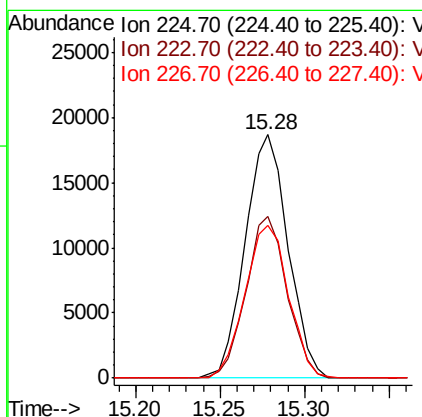
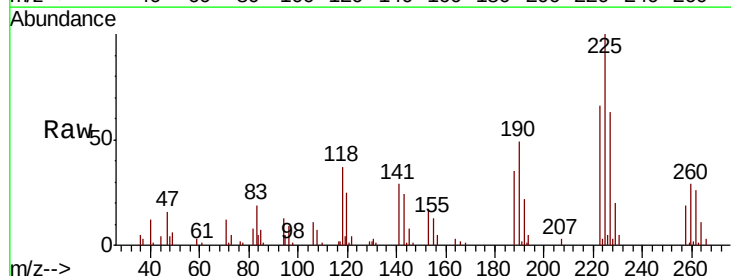
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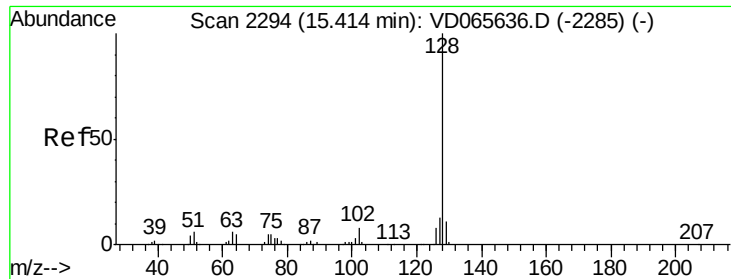
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#94  
 Hexachlorobutadiene  
 Concen: 16.788 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.00 min  
 Lab File: VD065656.D  
 Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 31.9  | 95.5  |
| 227     | 63.7  | 32.0  | 96.2  |





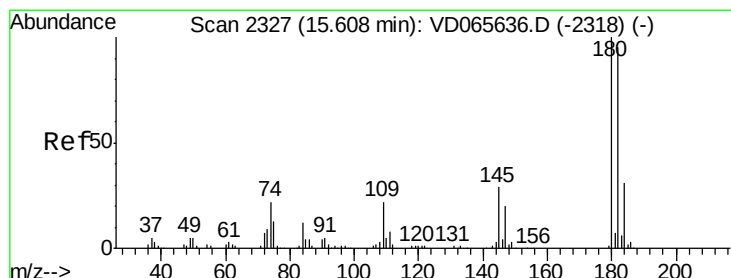
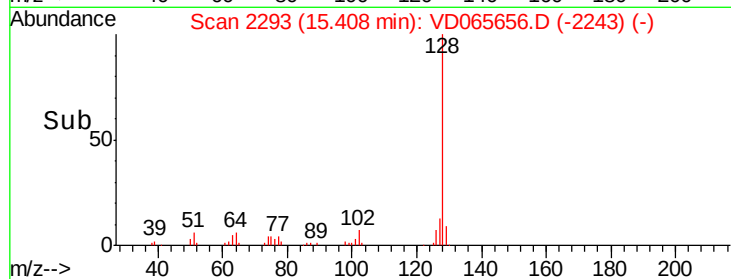
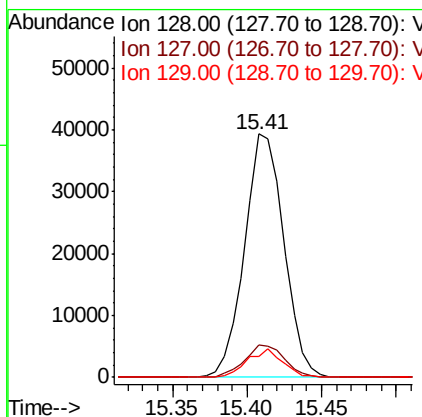
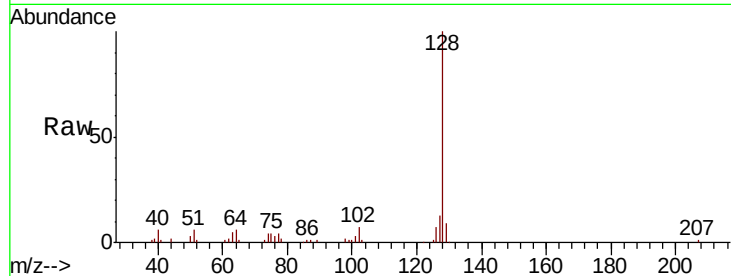
#95  
Naphthalene  
Concen: 17.487 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0417SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.5  | 10.6  | 16.0  |
| 129     | 10.5  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 17.559 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: VD065656.D  
Acq: 17 Apr 2020 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.8  | 143.3 |
| 145     | 30.2  | 15.0  | 45.0  |

