

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\  
 Data File : VD067591.D  
 Acq On : 11 Nov 2020 09:52  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/12/2020 1:11:35 PM

Quant Time: Nov 12 00:19:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 300567   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 401877   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 378787   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 192672   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 113302   | 43.11 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.22% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 117454   | 48.51 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.02% |      |
| 50) Toluene-d8            | 10.34  | 98  | 409727   | 48.15 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.30% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 144552   | 49.21 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.42% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 118437 | 48.547  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 74405  | 39.753  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.35 | 62  | 90591  | 43.412  | ug/l   | 99     |
| 5) Bromomethane               | 2.77 | 94  | 70075  | 41.431  | ug/l   | 91     |
| 6) Chloroethane               | 2.92 | 64  | 54570  | 42.417  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.28 | 101 | 255741 | 47.332  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.71 | 74  | 48711  | 44.741  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 126586 | 46.413  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.30 | 142 | 129127 | 44.174  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 30456  | 270.575 | ug/l # | 79     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 115125 | 45.890  | ug/l   | 93     |
| 13) Acrolein                  | 3.92 | 56  | 29723  | 254.259 | ug/l   | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 120082 | 44.725  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53  | 90580  | 225.070 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 99083  | 251.937 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.41 | 76  | 336023 | 43.712  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.71 | 43  | 36021  | 44.322  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 232808 | 47.047  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.96 | 84  | 120919 | 43.526  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 131863 | 45.128  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.36 | 45  | 239355 | 45.747  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.30 | 43  | 639457 | 233.482 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 194556 | 45.453  | ug/l   | 97     |
| 25) 2-Butanone                | 7.21 | 43  | 93459  | 222.397 | ug/l   | 90     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 219945 | 48.687  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 142559 | 47.005  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 68863  | 45.229  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 57093  | 226.809 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83  | 246632 | 48.298  | ug/l   | 99     |
| 31) Cyclohexane               | 7.98 | 56  | 164878 | 43.255  | ug/l # | 86     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 252348 | 47.895  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 177888 | 51.712  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 45073  | 50.469  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 245161 | 54.852  | ug/l   | 96     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/12/2020 1:11:35 PM

Quant Time: Nov 12 00:19:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 214118   | 52.884   | ug/l   | 95       |
| 40) Benzene                    | 8.36  | 78   | 484867   | 52.035   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.53  | 41   | 22528m   | 42.200   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 149467   | 51.916   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 91015    | 51.530   | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 157646   | 51.453   | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 101030   | 50.148   | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 67539    | 52.725   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 186027   | 53.430   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.46  | 41   | 46325    | 50.797   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 13587    | 1044.830 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 224851   | 266.185  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 341851   | 54.773   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 158428   | 53.130   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 186733   | 52.707   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 91013    | 53.699   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 94376    | 53.922   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 143500   | 52.615   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 220011   | 269.558  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.98 | 43   | 169447   | 286.894  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.14 | 129  | 135978   | 54.235   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 88605    | 52.088   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 145892   | 52.006   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 374373   | 51.309   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 150169   | 52.218   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 655945   | 52.536   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 514990   | 106.020  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 231344   | 53.343   | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 397905   | 52.653   | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 76939    | 52.458   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.48 | 105  | 665495   | 53.445   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 83298    | 50.838   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 88321    | 52.015   | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 52332m   | 45.024   | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 159101   | 52.027   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 756337   | 53.102   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 427001   | 52.777   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 576243   | 54.173   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 28385    | 49.582   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 461069   | 53.135   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 498697   | 55.318   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 570379   | 53.869   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 664804   | 54.627   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 633648   | 53.918   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 302508   | 51.842   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 299726   | 50.727   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.85 | 91   | 566518   | 55.809   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 118383   | 53.491   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 265197   | 52.512   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 15720    | 52.290   | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\  
Data File : VD067591.D  
Acq On : 11 Nov 2020 09:52  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

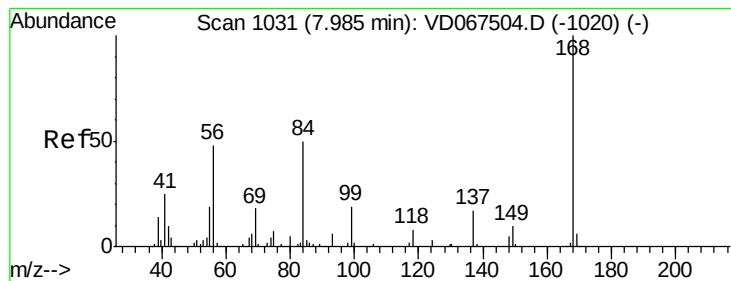
MMDadoda  
11/12/2020 1:11:35 PM

Quant Time: Nov 12 00:19:13 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 00:56:28 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 183678   | 53.587 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 121397   | 52.919 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 289192   | 54.671 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 154336   | 52.581 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 300567

Ion Ratio Lower Upper

168 100

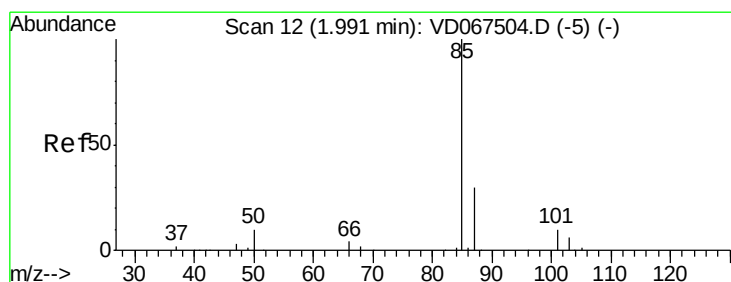
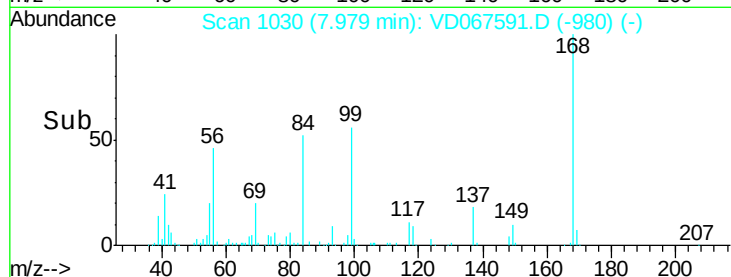
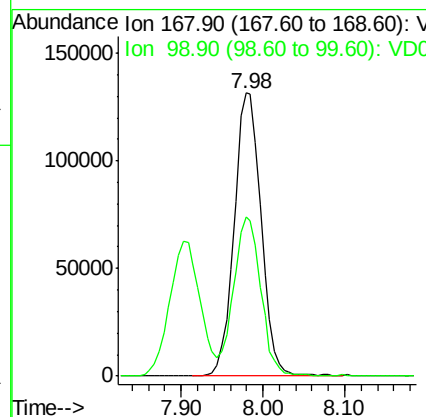
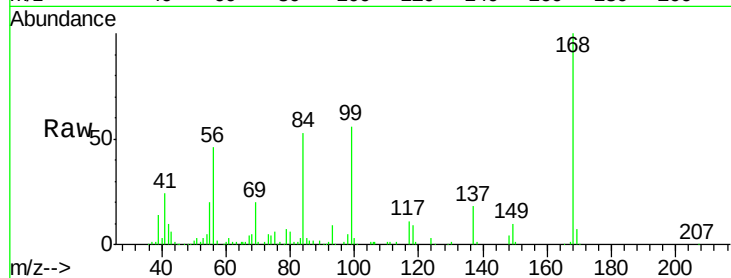
99 55.9 45.0 67.6

Manual Integrations

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11/12/2020 1:11:35 PM



#2

Dichlorodifluoromethane

Concen: 48.547 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067591.D

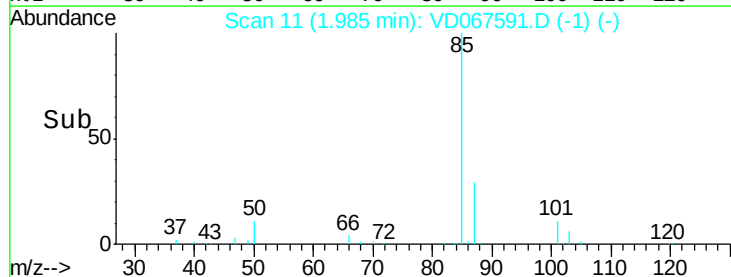
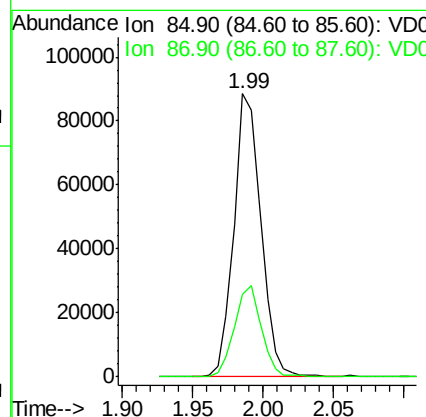
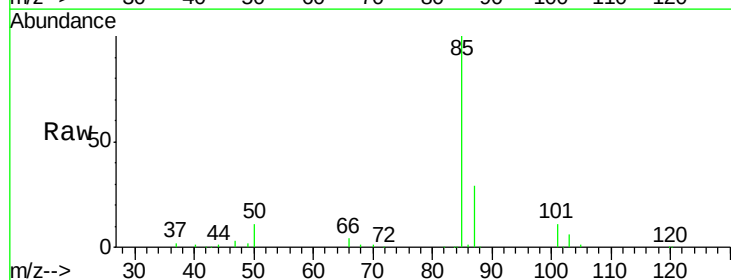
Acq: 11 Nov 2020 09:52

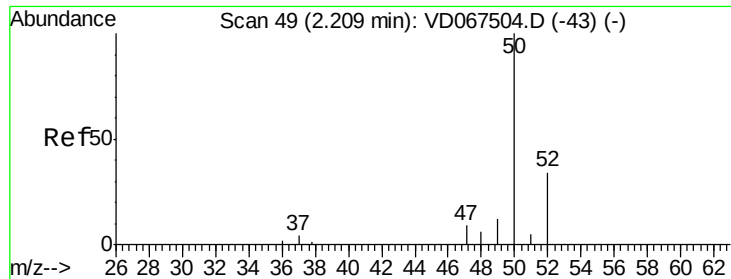
Tgt Ion: 85 Resp: 118437

Ion Ratio Lower Upper

85 100

87 29.3 15.3 45.8





#3

Chloromethane

Concen: 39.753 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74405

Ion Ratio Lower Upper

50 100

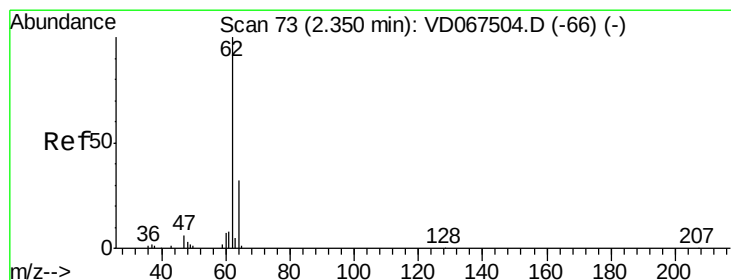
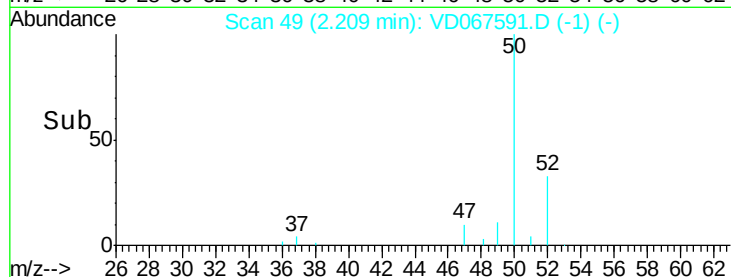
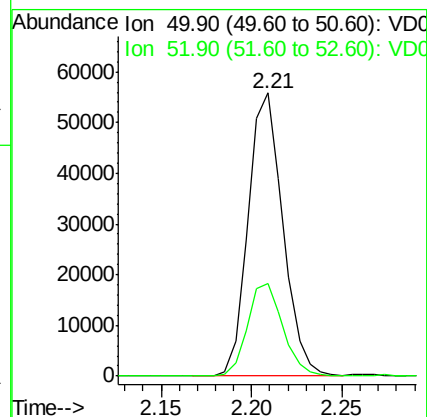
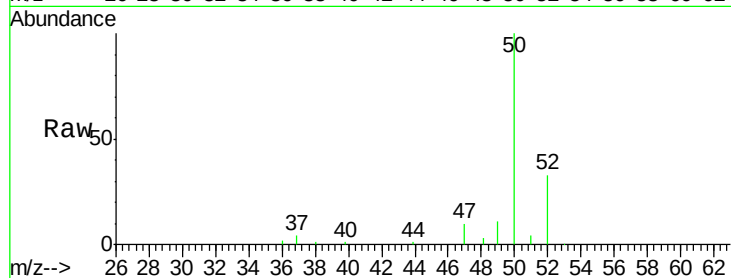
52 32.8 27.3 40.9

Manual Integrations

APPROVED

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11/12/2020 1:11:35 PM



#4

Vinyl Chloride

Concen: 43.412 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067591.D

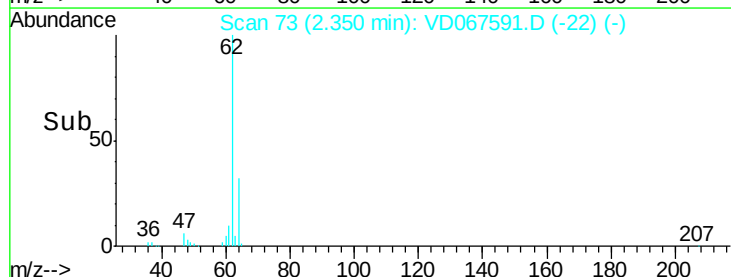
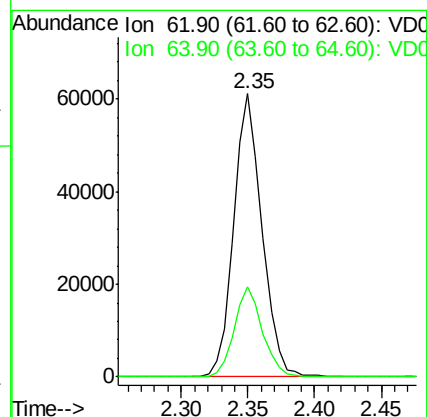
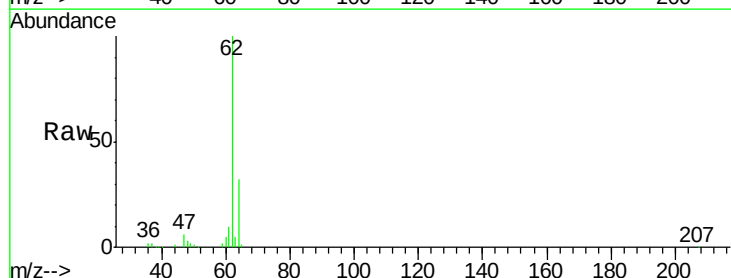
Acq: 11 Nov 2020 09:52

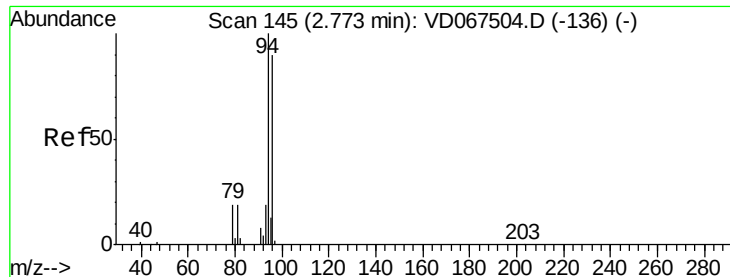
Tgt Ion: 62 Resp: 90591

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 41.431 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70075

Ion Ratio Lower Upper

94 100

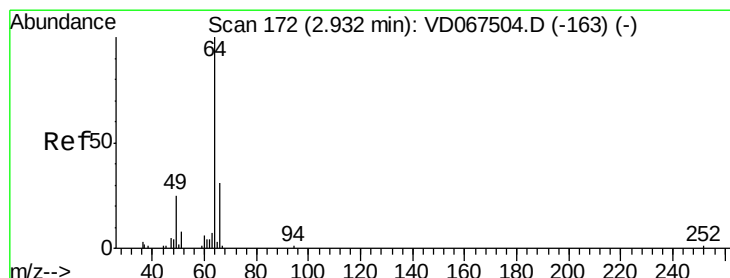
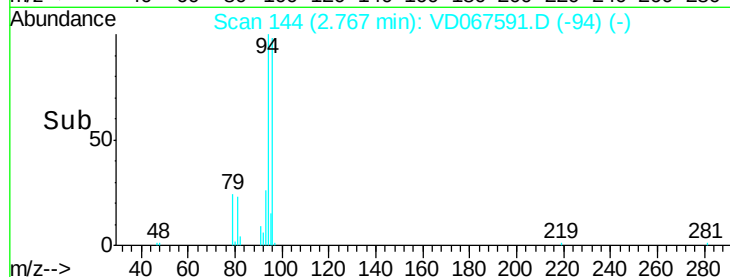
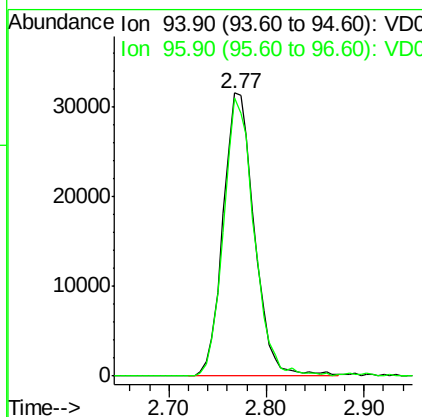
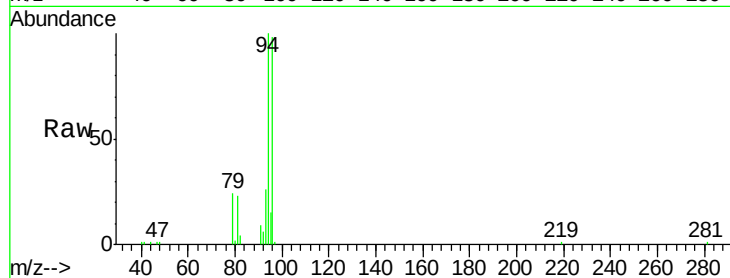
96 98.5 72.2 108.2

Manual Integrations

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11/12/2020 1:11:35 PM



#6

Chloroethane

Concen: 42.417 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067591.D

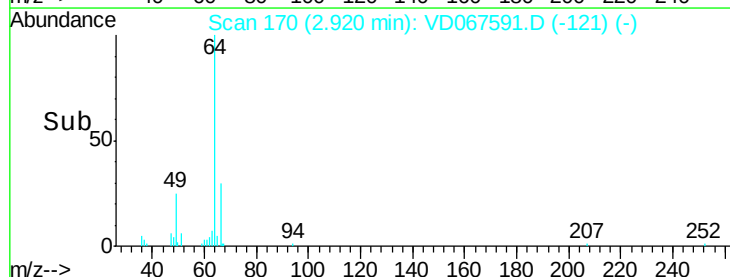
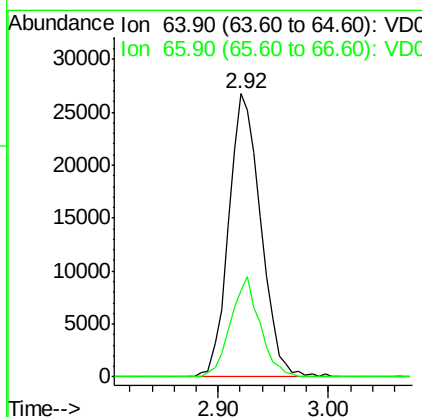
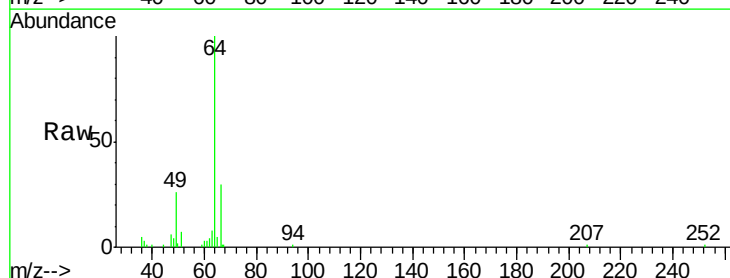
Acq: 11 Nov 2020 09:52

Tgt Ion: 64 Resp: 54570

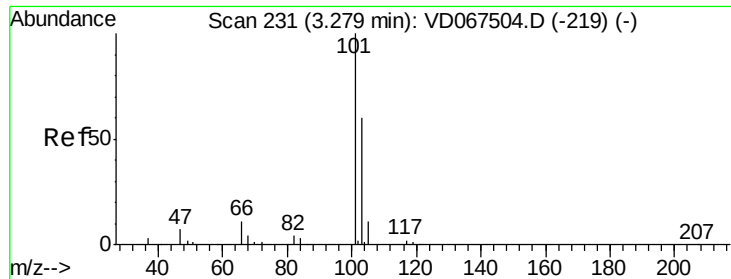
Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8







#7

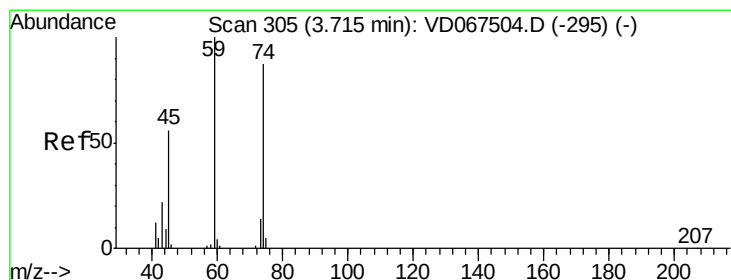
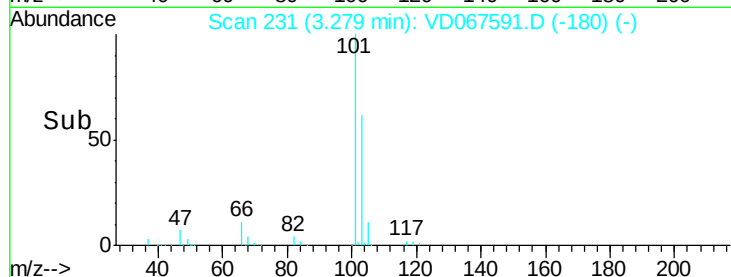
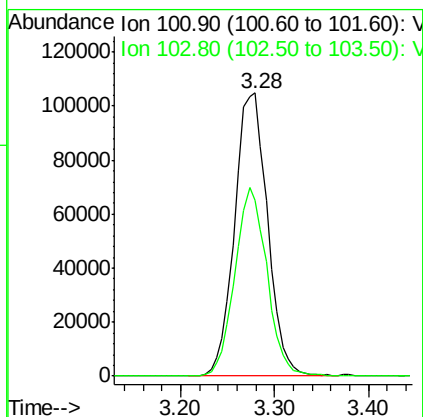
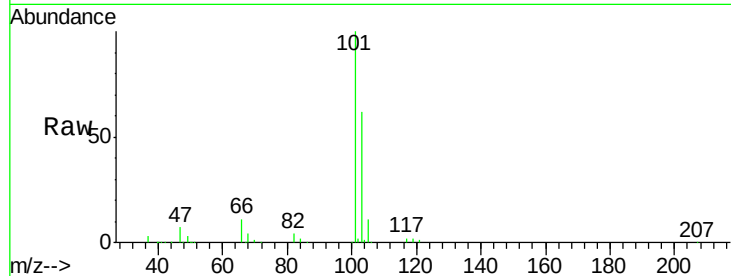
Trichlorofluoromethane  
Concen: 47.332 ug/l  
RT: 3.28 min Scan# 231  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 255741 |       |       |
| 103     | 62.2 | 48.1  | 72.1   |       |       |

Manual Integrations  
APPROVED

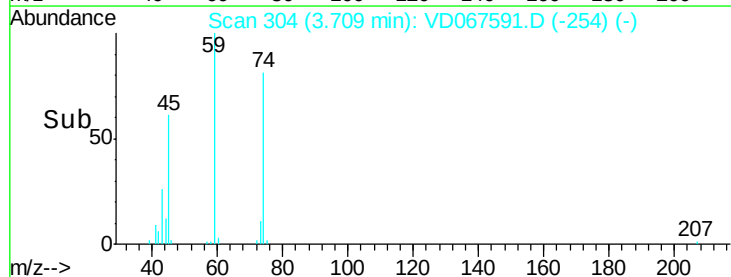
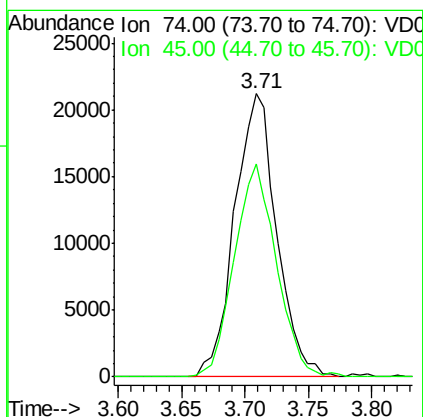
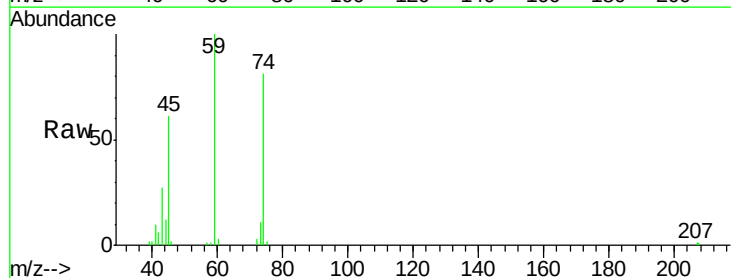
MMDadoda  
11/12/2020 1:11:35 PM



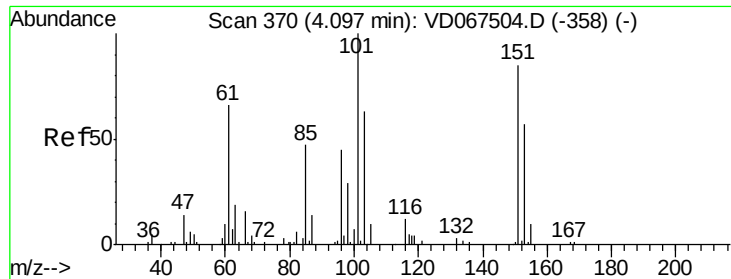
#8

Diethyl Ether  
Concen: 44.741 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 48711 |       |       |
| 45      | 75.7 | 38.2  | 114.6 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.413 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

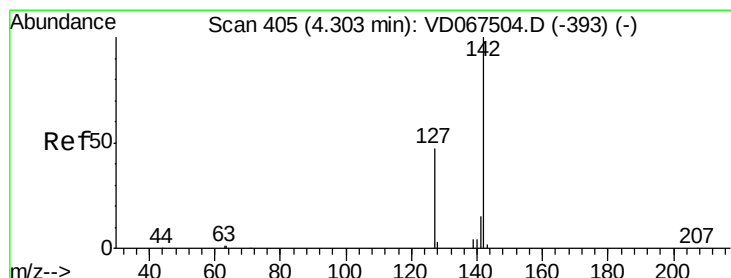
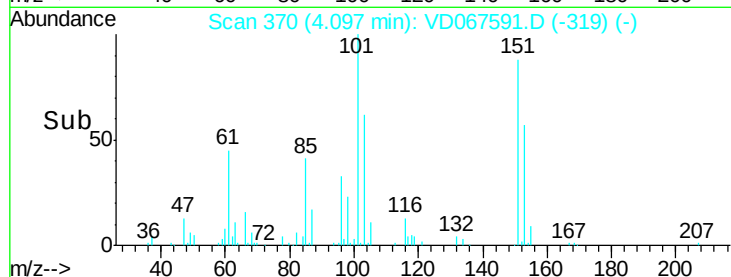
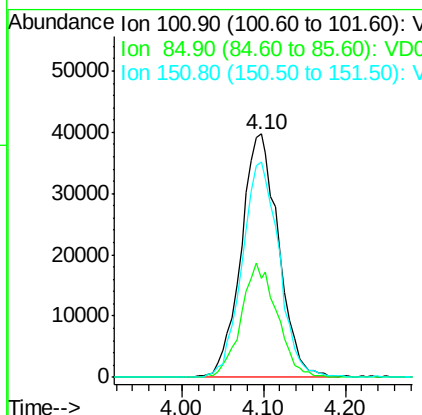
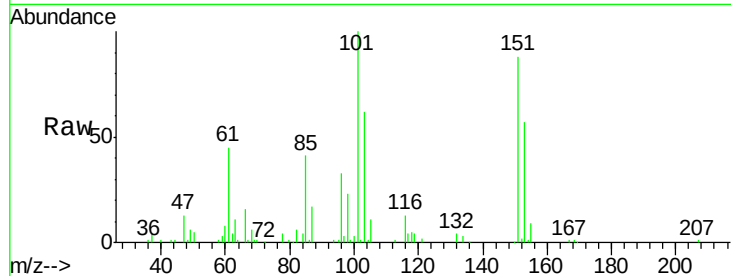
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 126586 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.0  | 34.4  | 51.6   |
| 151       | 87.6  | 68.1  | 102.1  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 44.174 ug/l

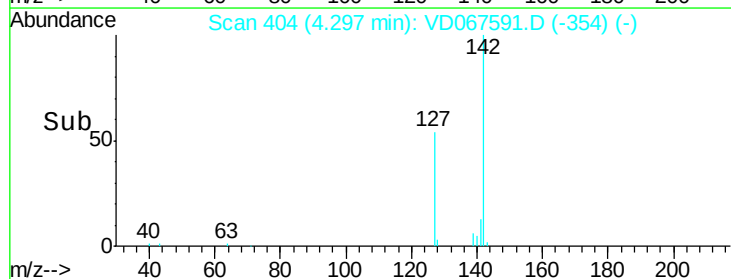
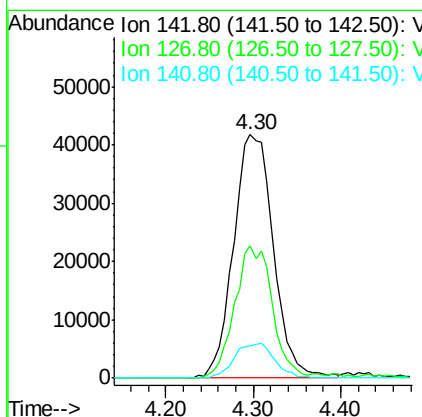
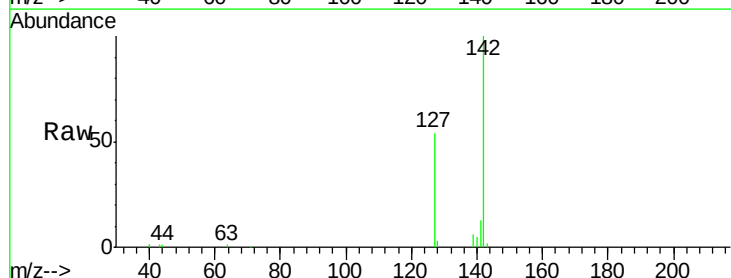
RT: 4.30 min Scan# 404

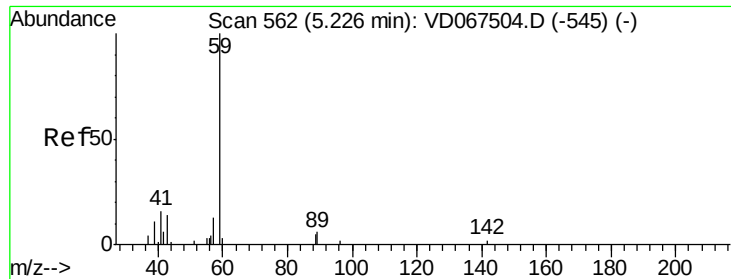
Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 129127 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 50.9  | 40.0  | 60.0   |
| 141       | 14.3  | 11.7  | 17.5   |





#11

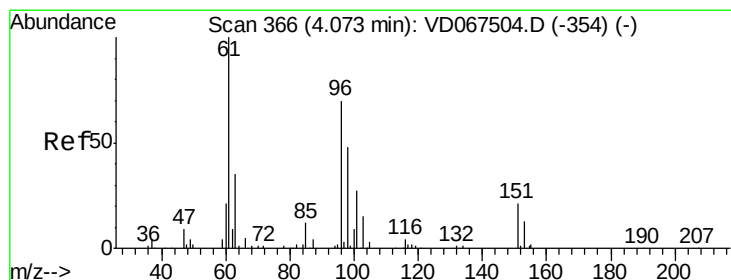
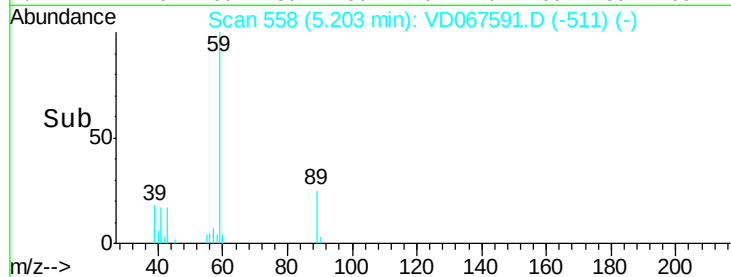
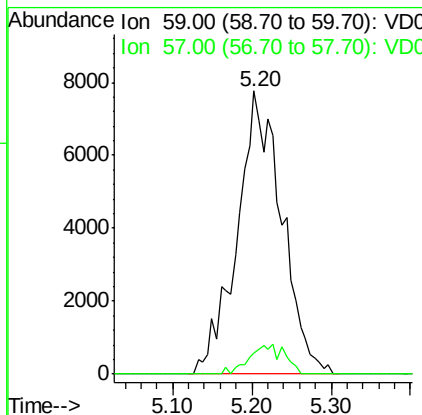
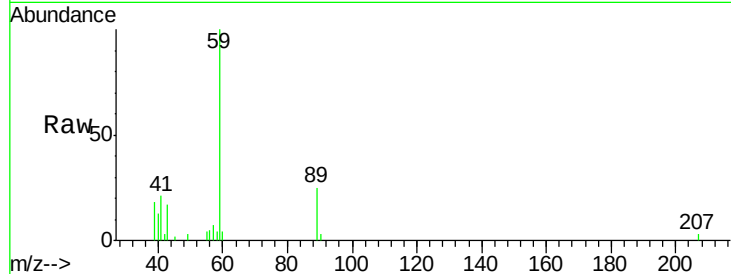
Tert butyl alcohol  
 Concen: 270.575 ug/l  
 RT: 5.20 min Scan# 558  
 Delta R.T. -0.02 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 5.9   | 8.9#  |

Manual Integrations  
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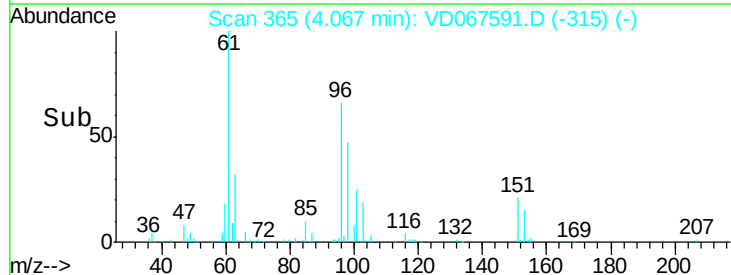
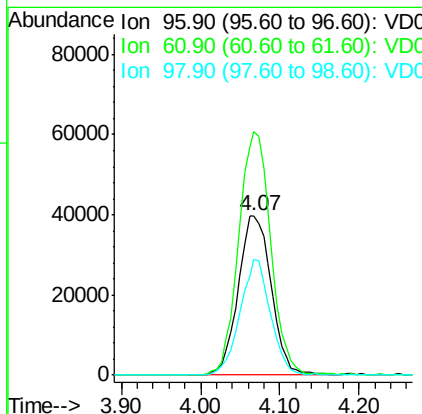
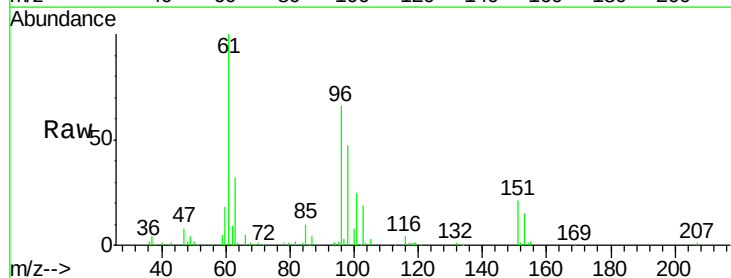
MMDadoda  
 11/12/2020 1:11:35 PM

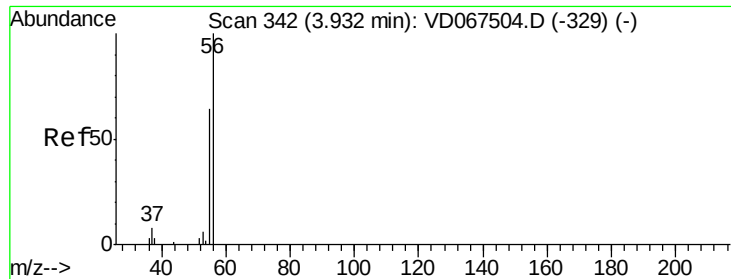


#12

1,1-Dichloroethene  
 Concen: 45.890 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.7 | 114.5 | 171.7 |
| 98      | 72.2  | 54.5  | 81.7  |





#13

Acrolein

Concen: 254.259 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 29723

Ion Ratio Lower Upper

56 100

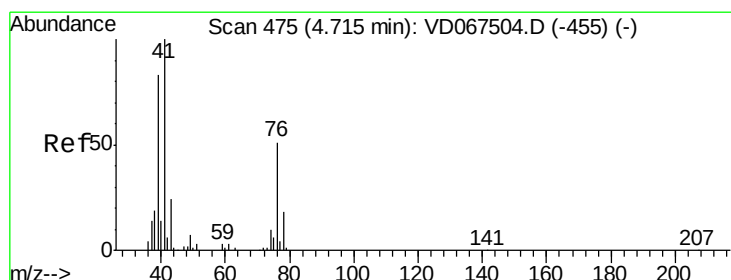
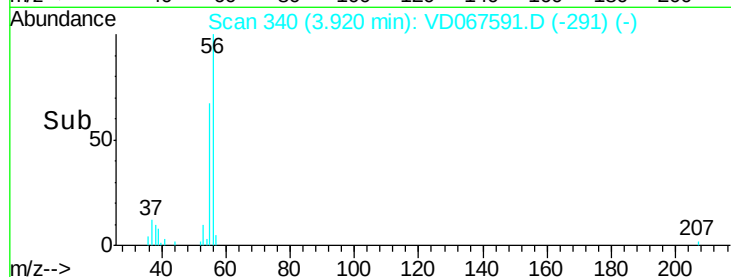
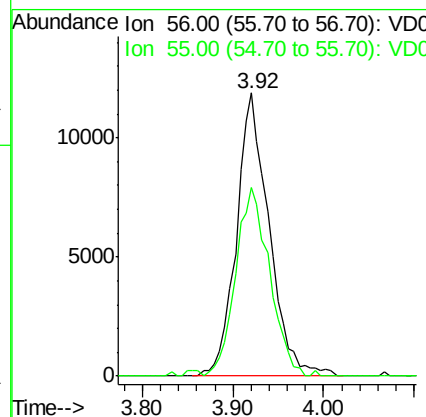
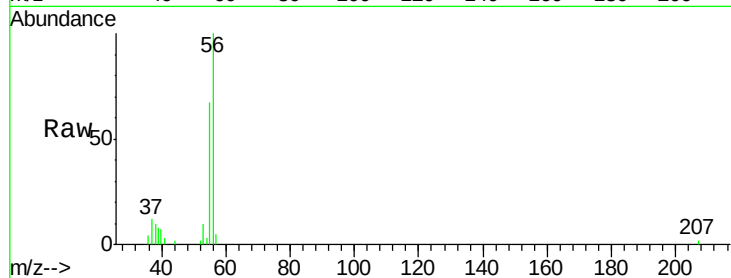
55 69.0 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 44.725 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

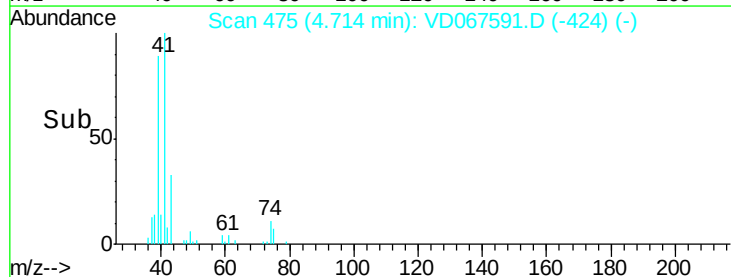
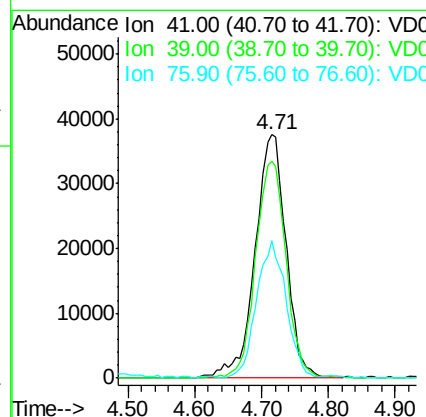
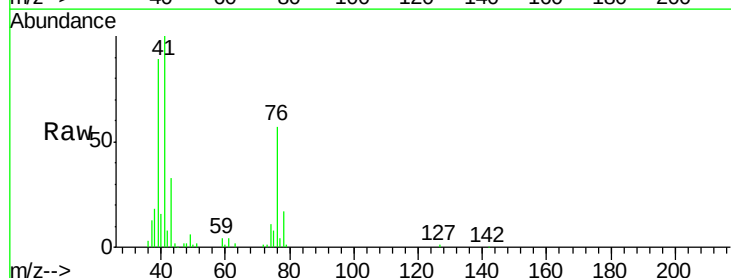
Tgt Ion: 41 Resp: 120082

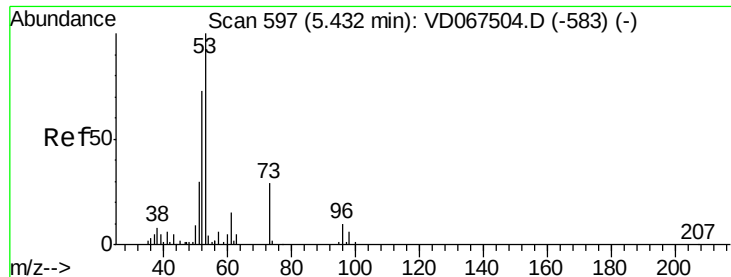
Ion Ratio Lower Upper

41 100

39 86.9 67.4 101.0

76 53.9 42.2 63.2





#15

Acrylonitrile

Concen: 225.070 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

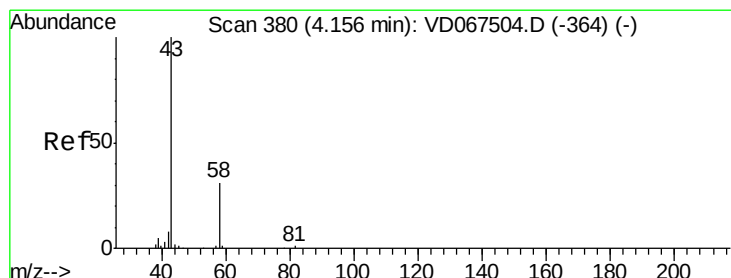
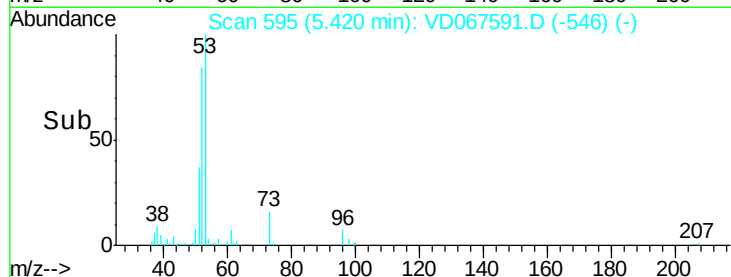
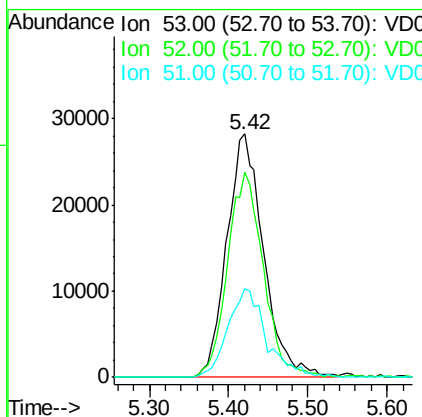
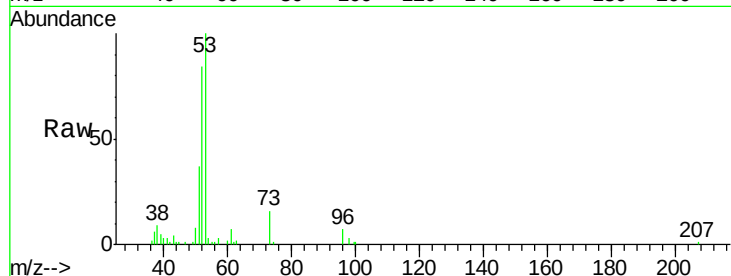
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 90580 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.9  | 64.8  | 97.2  |
| 51       | 38.2  | 29.5  | 44.3  |

Manual Integrations  
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#16

Acetone

Concen: 251.937 ug/l

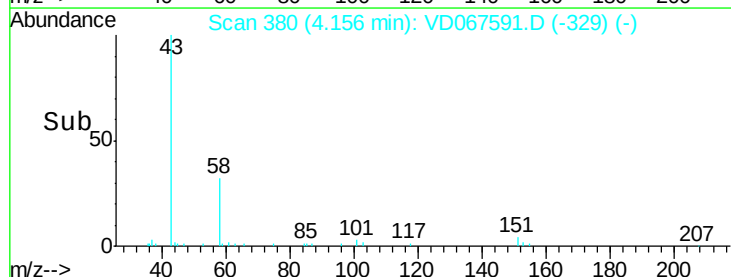
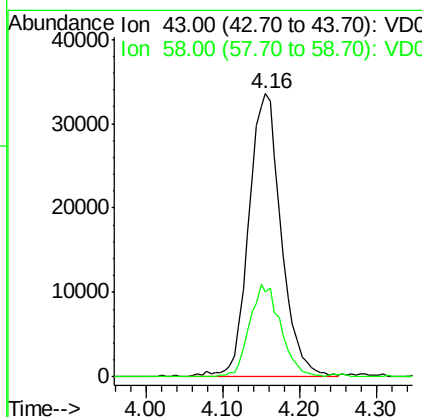
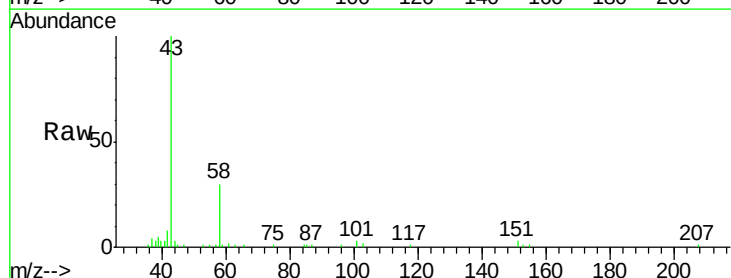
RT: 4.16 min Scan# 380

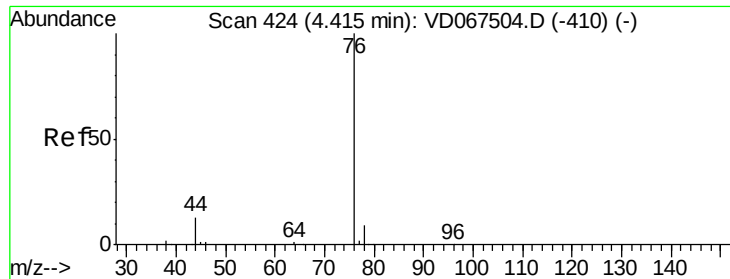
Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 99083 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.2  | 25.2  | 37.8  |





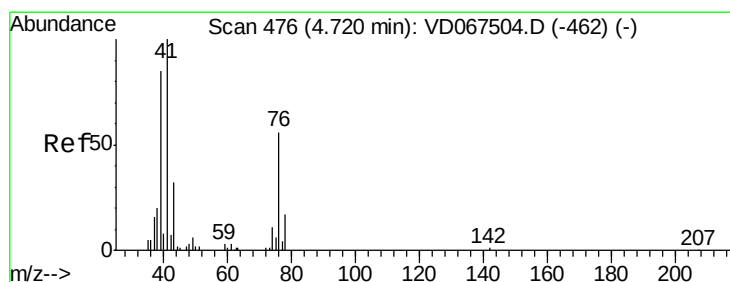
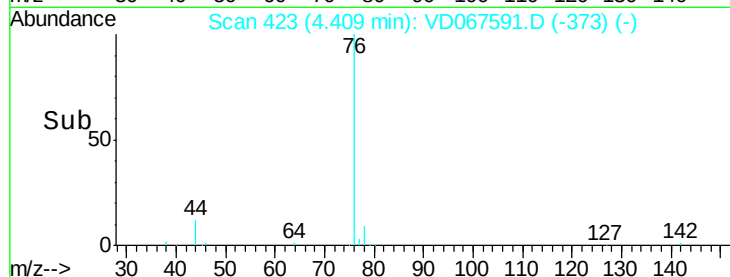
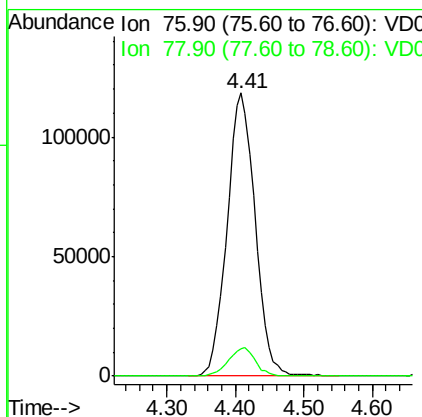
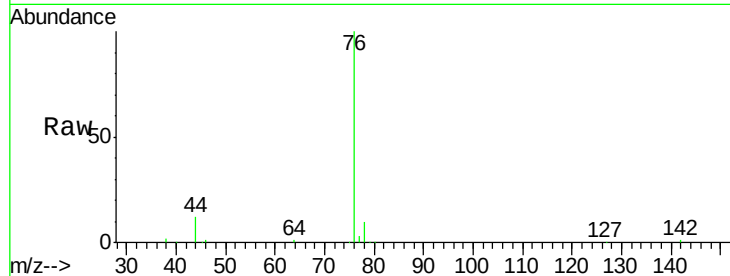
#17  
Carbon Disulfide  
Concen: 43.712 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.2   | 10.8  |

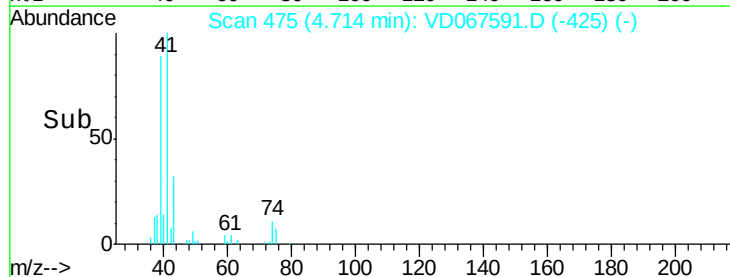
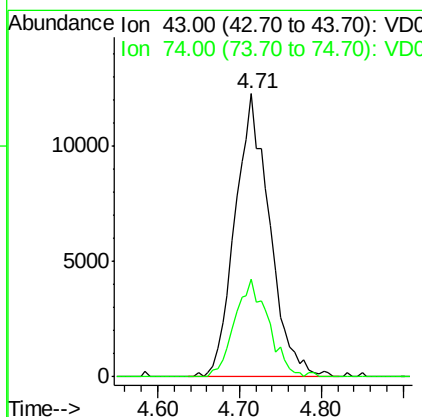
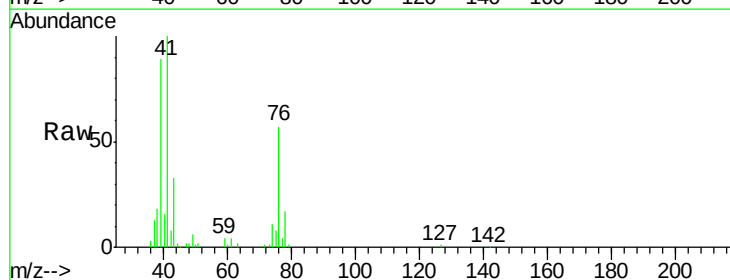
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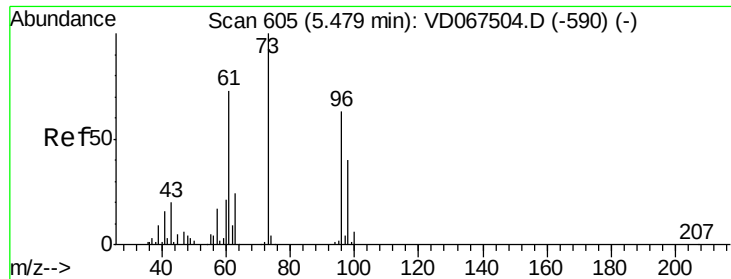
MMDadoda  
11/12/2020 1:11:35 PM



#18  
Methyl Acetate  
Concen: 44.322 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 33.7  | 27.2  | 40.8  |





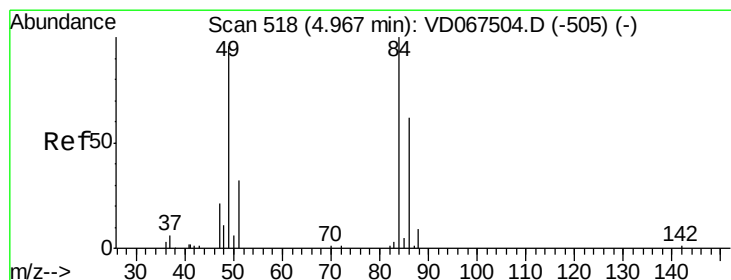
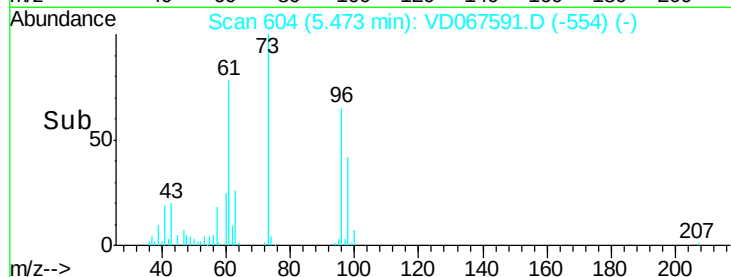
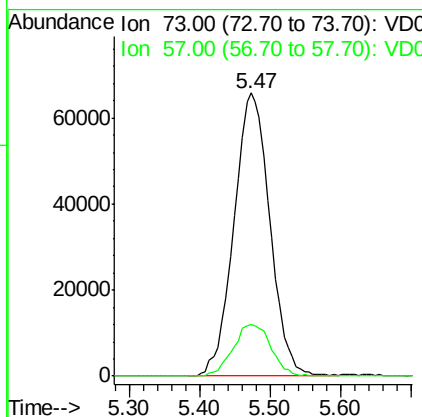
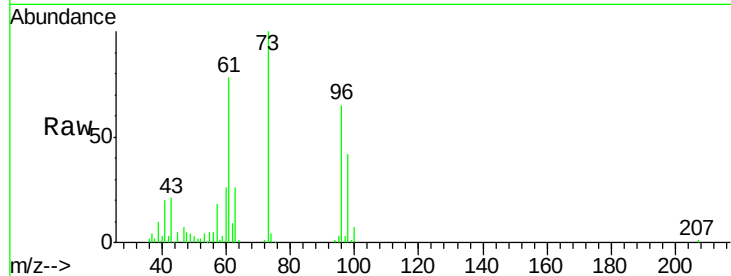
#19  
Methvl tert-butyl Ether  
Concen: 47.047 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.3  | 13.4  | 20.0  |

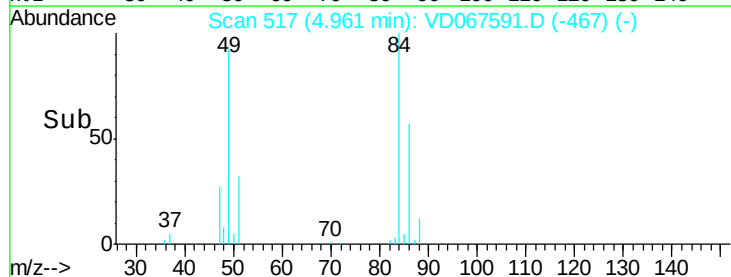
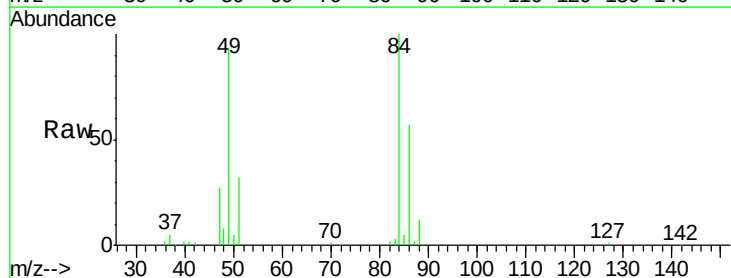
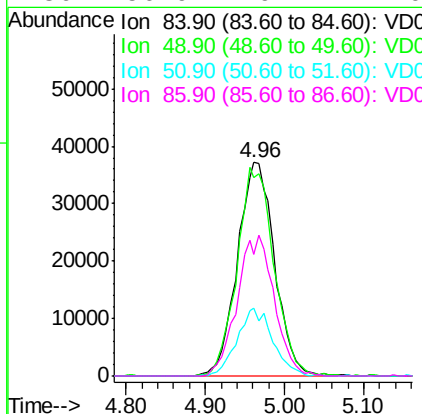
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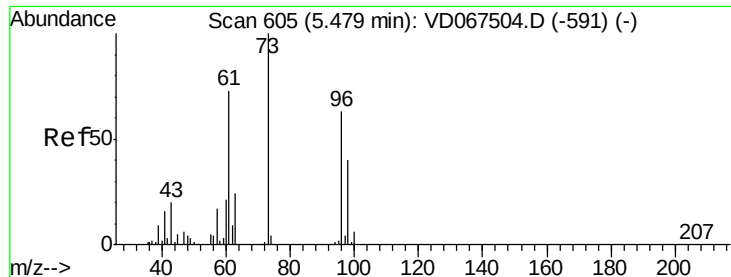
MMDadoda  
11/12/2020 1:11:35 PM



#20  
Methylene Chloride  
Concen: 43.526 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 92.7  | 77.0  | 115.4 |
| 51      | 31.8  | 25.4  | 38.2  |
| 86      | 56.9  | 49.4  | 74.0  |





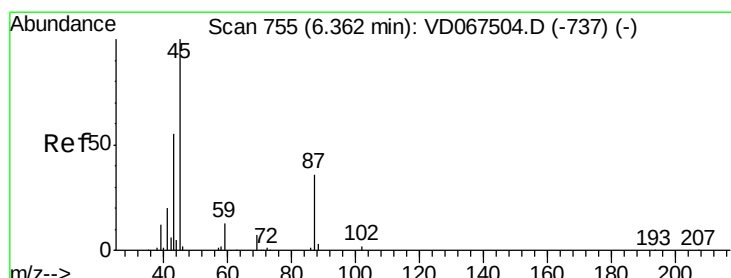
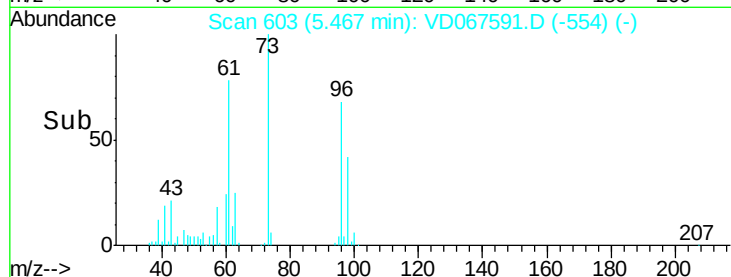
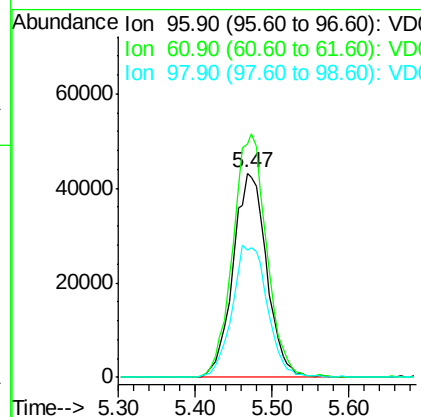
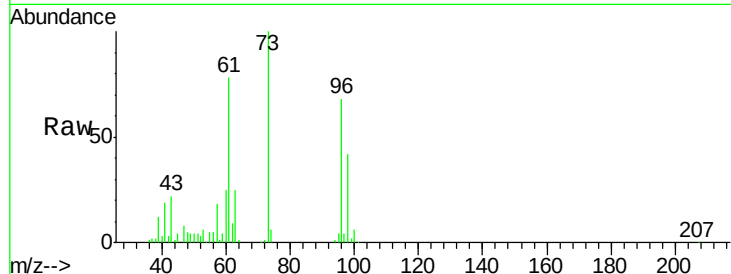
#21  
trans-1,2-Dichloroethene  
Concen: 45.128 ug/l  
RT: 5.47 min Scan# 603  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 131863 |       |       |
| 61      | 114.6 | 93.0   | 139.6 |       |
| 98      | 62.2  | 50.9   | 76.3  |       |

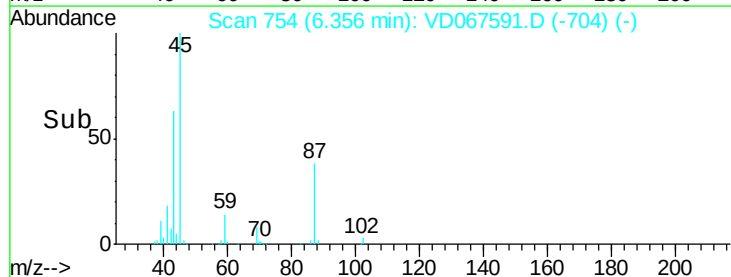
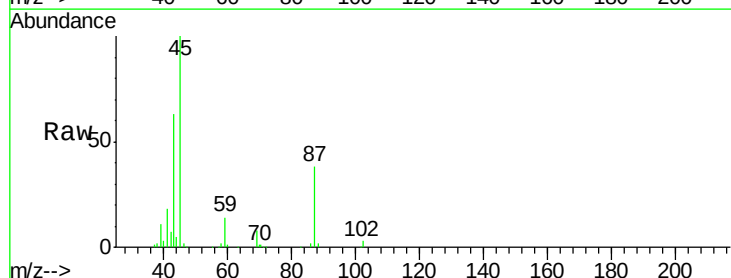
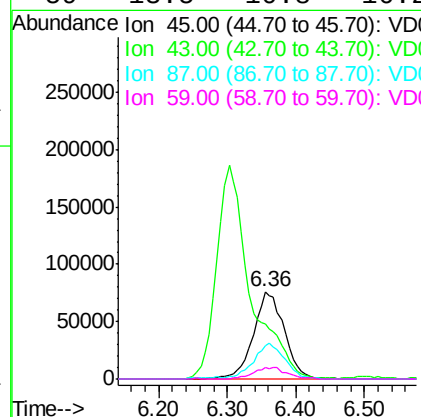
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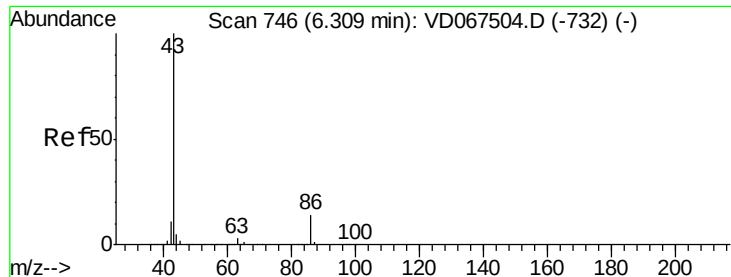


#22  
Diisopropyl ether  
Concen: 45.747 ug/l  
RT: 6.36 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 239355 |       |       |
| 43      | 62.4  | 46.2   | 69.4  |       |
| 87      | 38.2  | 29.4   | 44.2  |       |
| 59      | 13.5  | 10.8   | 16.2  |       |







#23

Vinyl Acetate

Concen: 233.482 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 639457

Ion Ratio Lower Upper

43 100

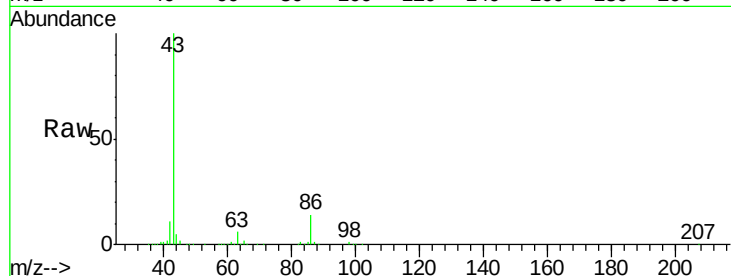
86 14.4 11.6 17.4

Manual Integrations

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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

6.30

200000

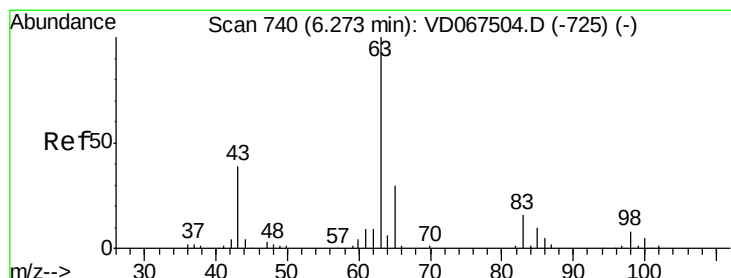
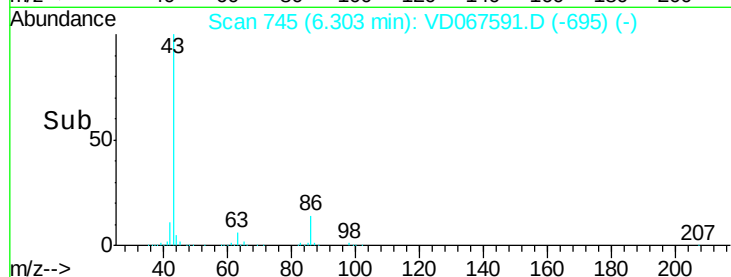
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.453 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

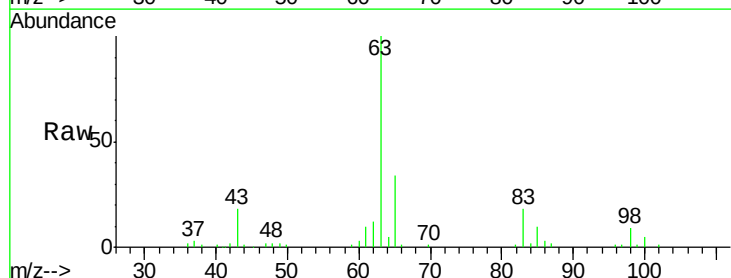
Tgt Ion: 63 Resp: 194556

Ion Ratio Lower Upper

63 100

98 8.9 3.9 11.5

100 4.6 2.6 7.8



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

6.26

80000

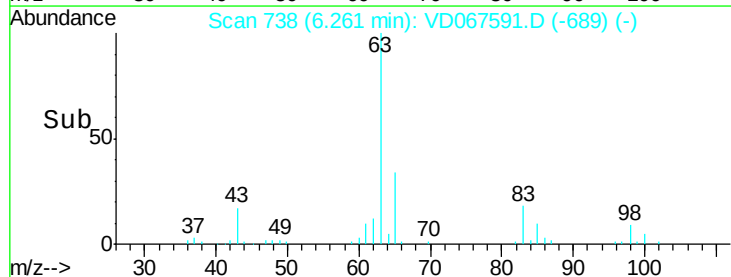
60000

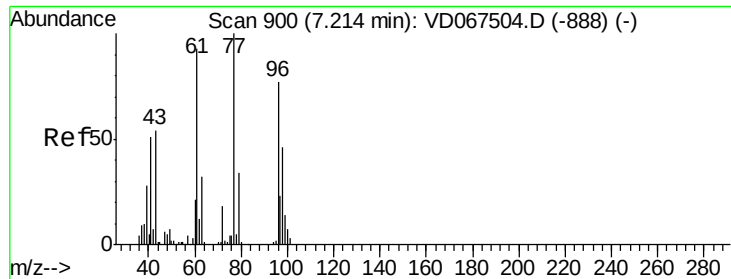
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.397 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 93459

Ion Ratio Lower Upper

43 100

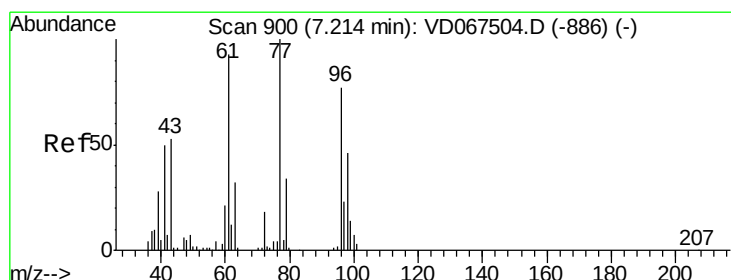
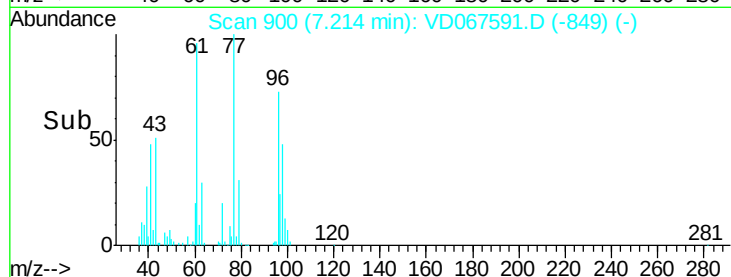
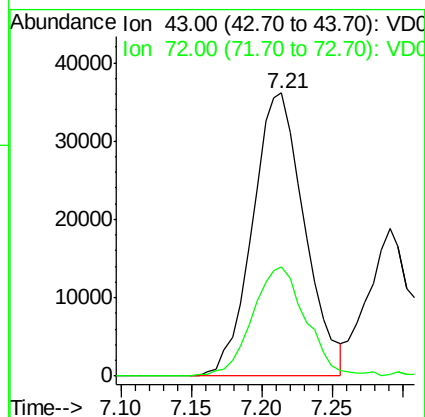
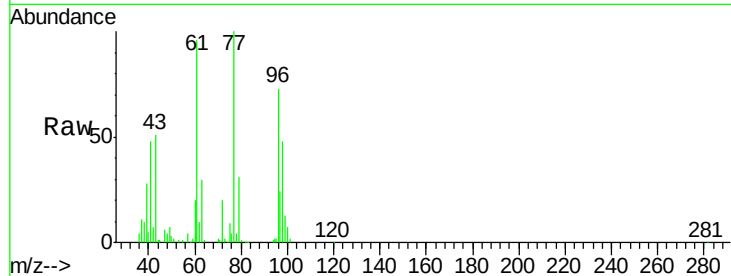
72 38.7 26.4 39.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 48.687 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067591.D

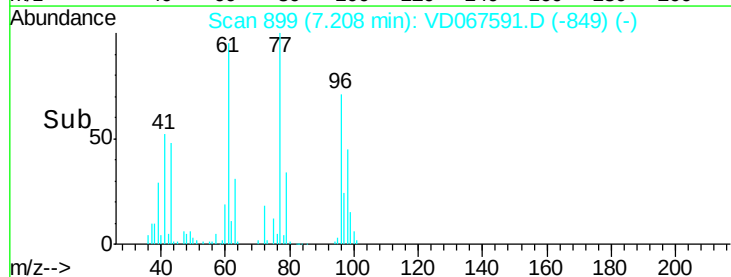
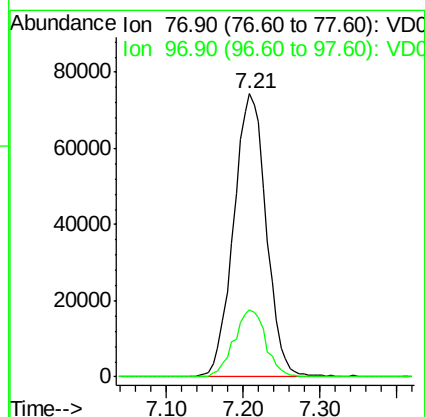
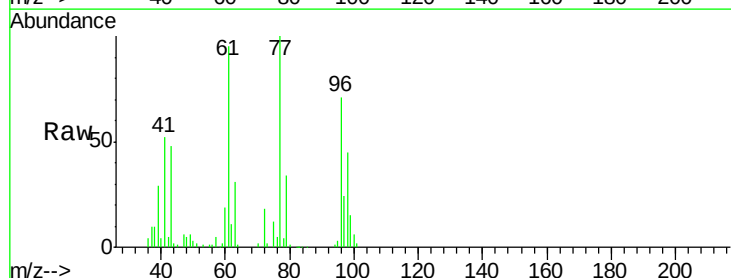
Acq: 11 Nov 2020 09:52

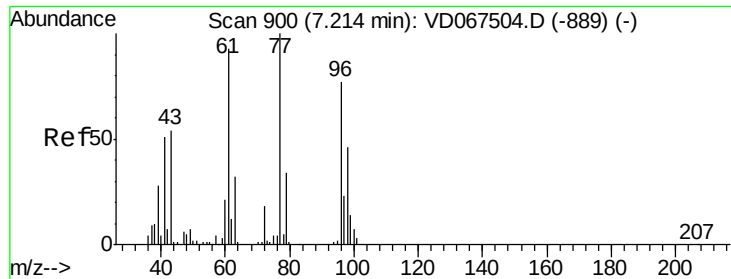
Tgt Ion: 77 Resp: 219945

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.3





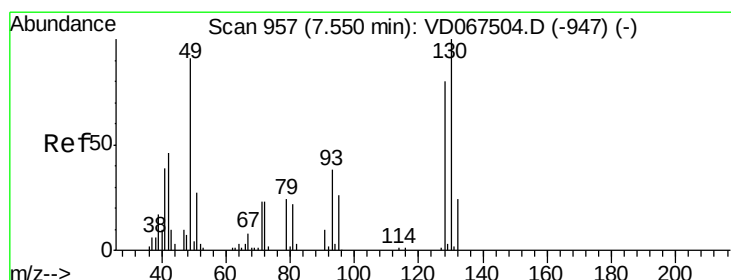
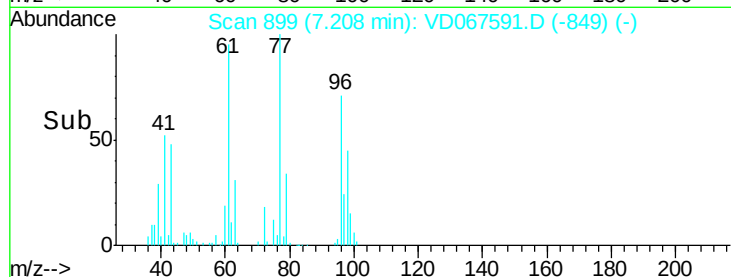
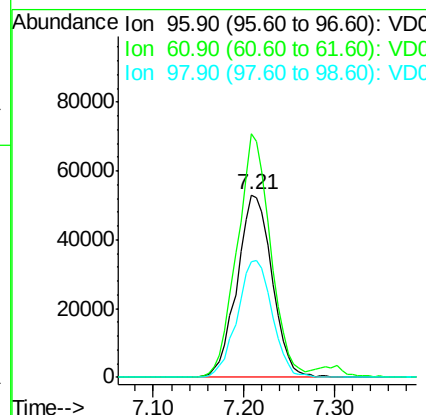
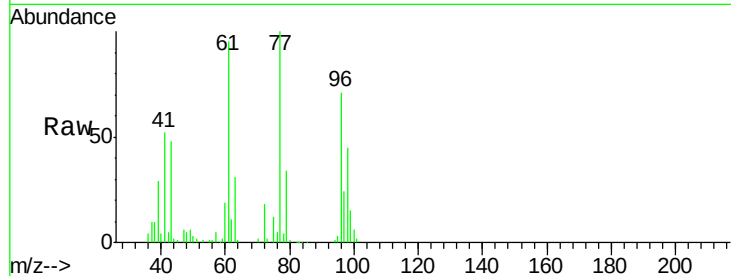
#27  
 cis-1,2-Dichloroethene  
 Concen: 47.005 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 142559 |       |       |
| 61      | 127.0 | 0.0    | 251.6 |       |
| 98      | 64.0  | 0.0    | 128.0 |       |

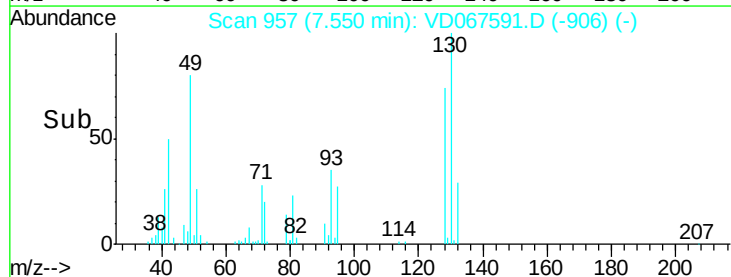
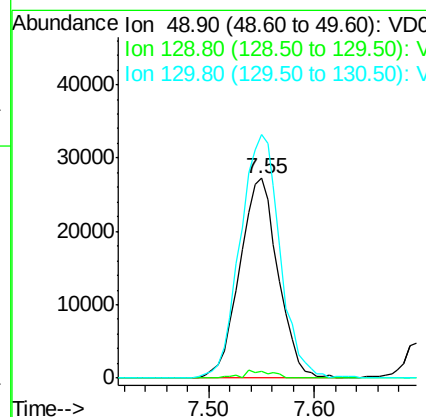
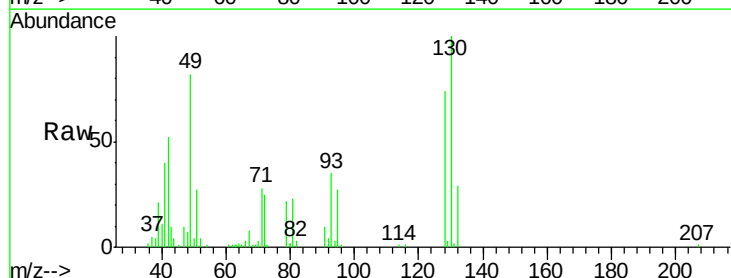
Manual Integrations  
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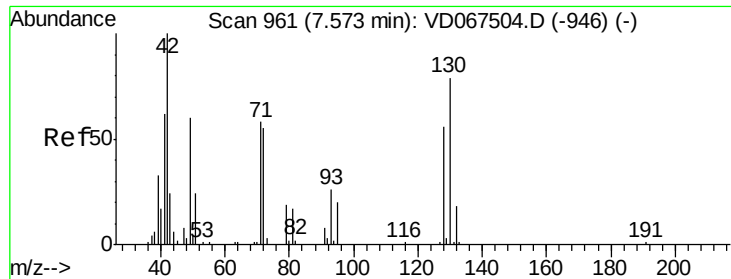
MMDadoda  
 11/12/2020 1:11:35 PM



#28  
 Bromochloromethane  
 Concen: 45.229 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 68863 |       |       |
| 129     | 2.9   | 0.0   | 6.4   |       |
| 130     | 125.8 | 94.6  | 142.0 |       |





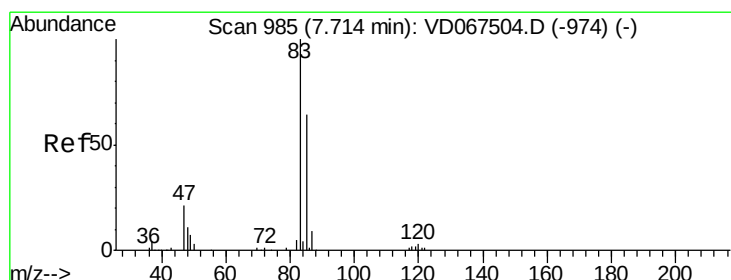
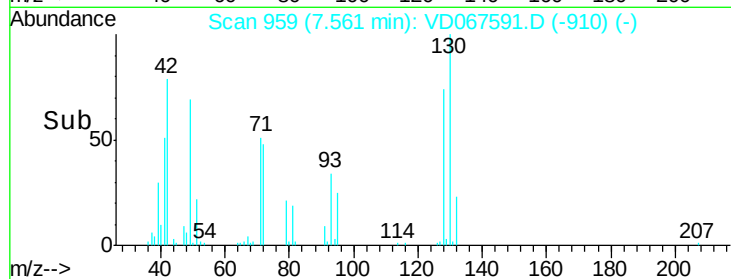
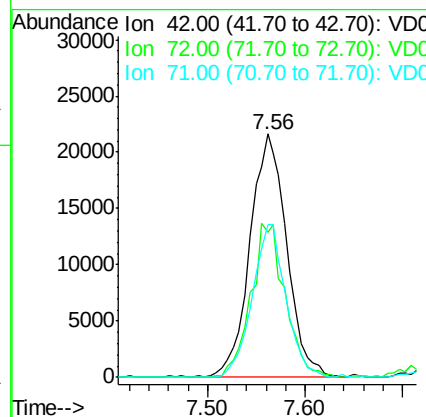
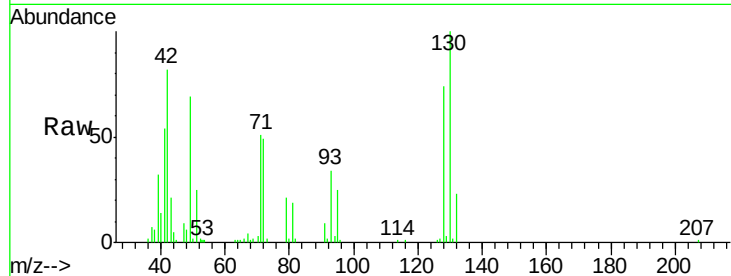
#29  
Tetrahydrofuran  
Concen: 226.809 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 59.3  | 46.3  | 69.5  |
| 71      | 57.7  | 44.0  | 66.0  |

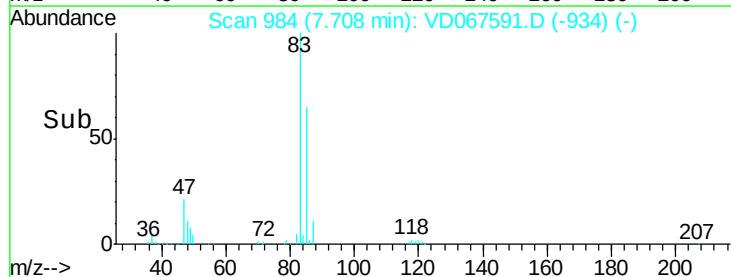
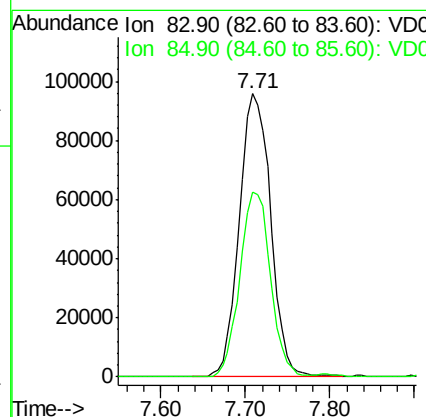
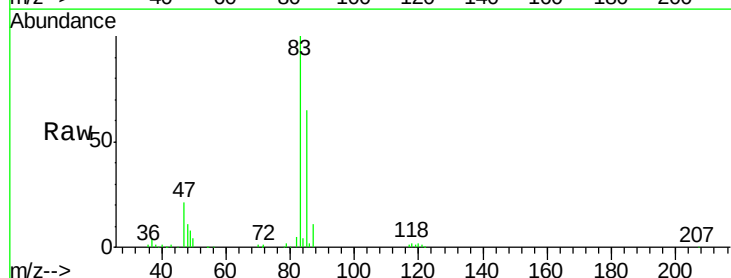
Manual Integrations  
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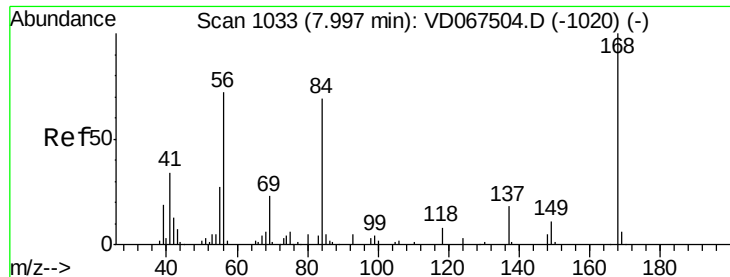
MMDadoda  
11/12/2020 1:11:35 PM



#30  
Chloroform  
Concen: 48.298 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 51.5  | 77.3  |





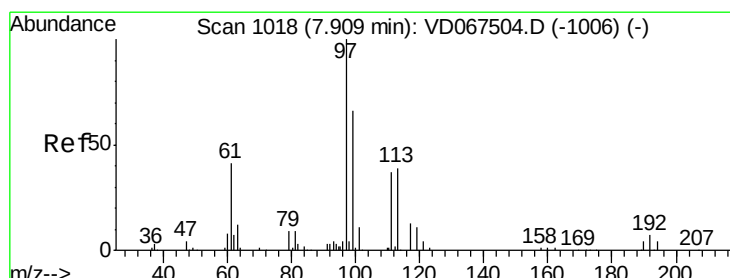
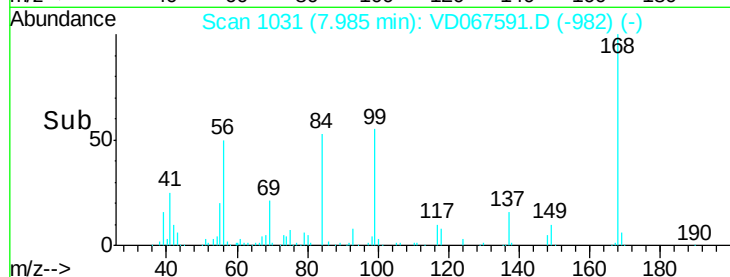
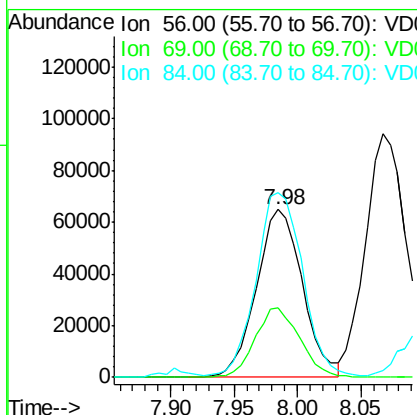
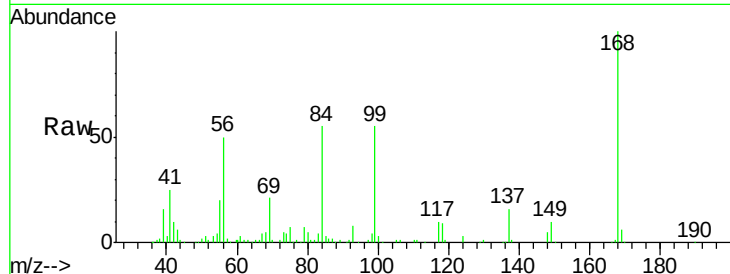
#31  
Cyclohexane  
Concen: 43.255 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 56     | 69    | 84    |
|---------|--------|-------|-------|
| Resp    | 164878 |       |       |
| Ratio   | 100    | 41.6  | 107.7 |
| Lower   |        | 25.9  | 76.2  |
| Upper   |        | 38.9# | 114.4 |

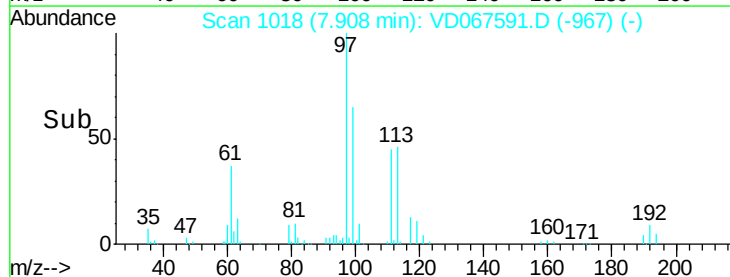
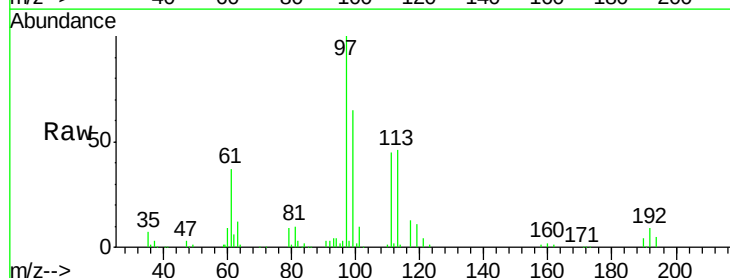
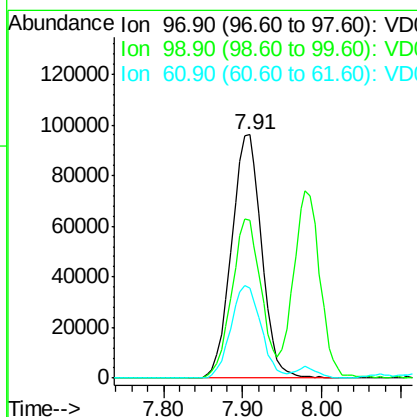
Manual Integrations  
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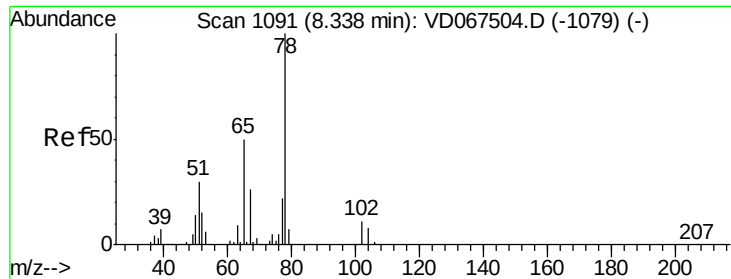
MMDadoda  
11/12/2020 1:11:35 PM



#32  
1,1,1-Trichloroethane  
Concen: 47.895 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | 97     | 99   | 61   |
|---------|--------|------|------|
| Resp    | 252348 |      |      |
| Ratio   | 100    | 64.1 | 38.2 |
| Lower   |        | 51.8 | 30.5 |
| Upper   |        | 77.6 | 45.7 |





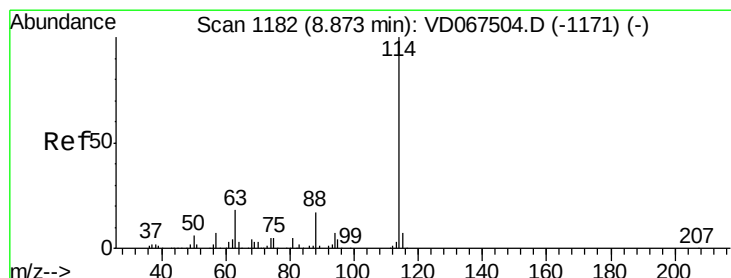
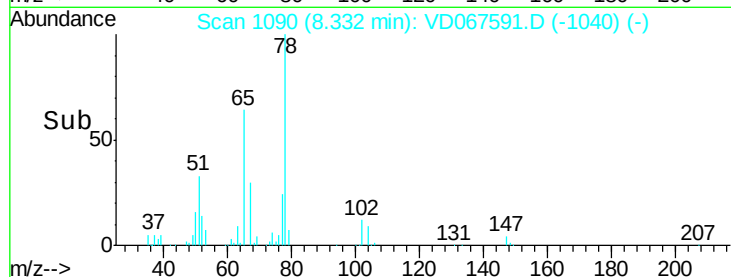
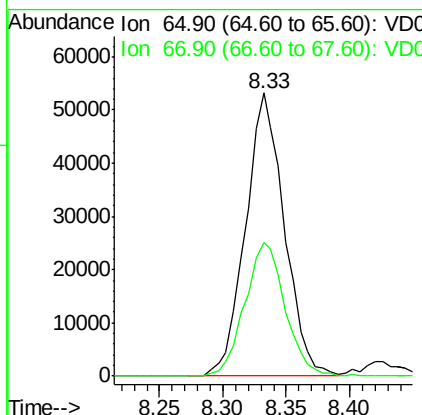
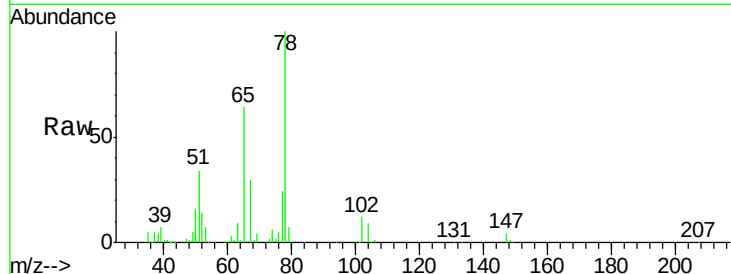
#33  
 1,2-Dichloroethane-d4  
 Concen: 43.111 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 113302 |       |       |
| 67      | 48.8  | 0.0    | 99.4  |       |

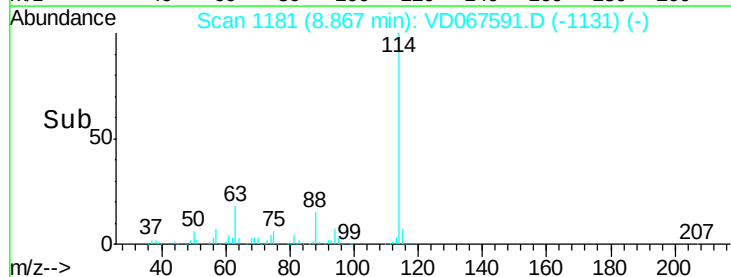
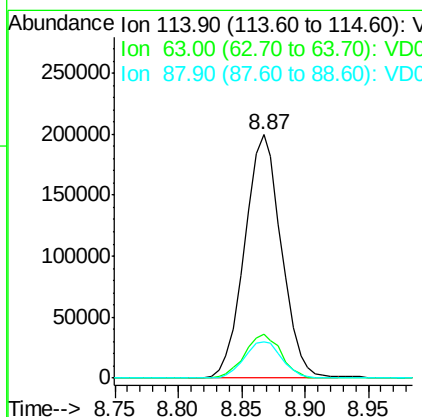
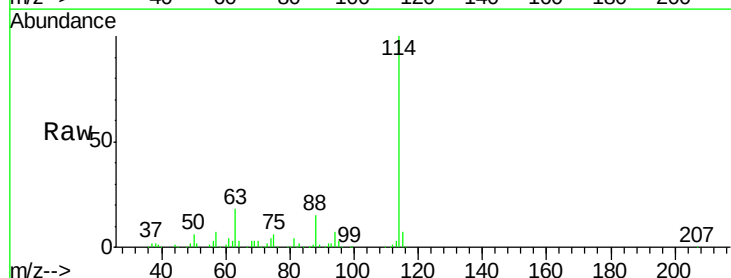
Manual Integrations  
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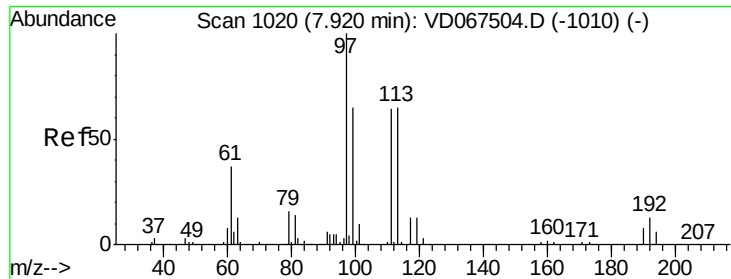
MMDadoda  
 11/12/2020 1:11:35 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 401877 |       |       |
| 63      | 18.1  | 0.0    | 35.0  |       |
| 88      | 14.9  | 0.0    | 33.0  |       |





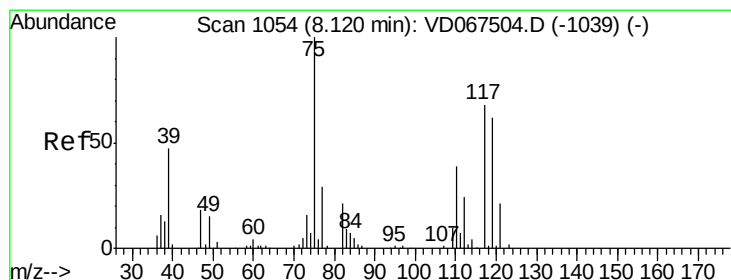
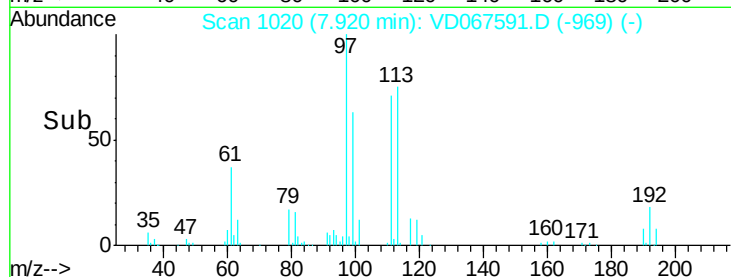
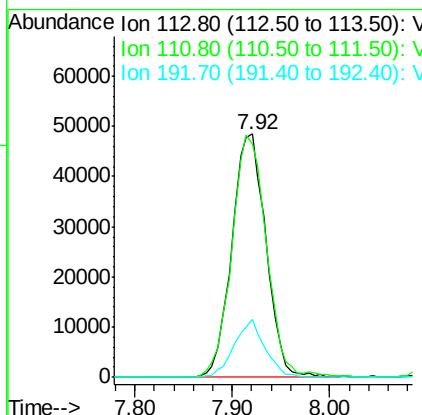
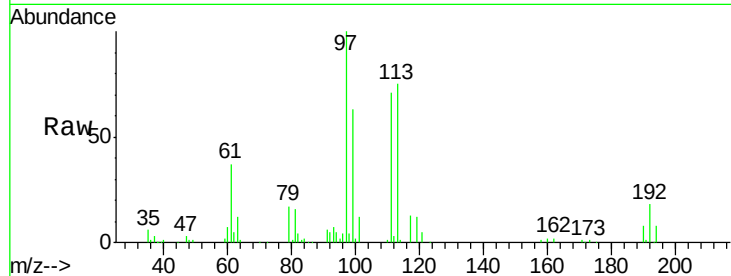
#35  
 Dibromofluoromethane  
 Concen: 48.509 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 117454 |       |       |
| 111     | 100.2 | 80.0   | 120.0 |       |
| 192     | 21.4  | 16.3   | 24.5  |       |

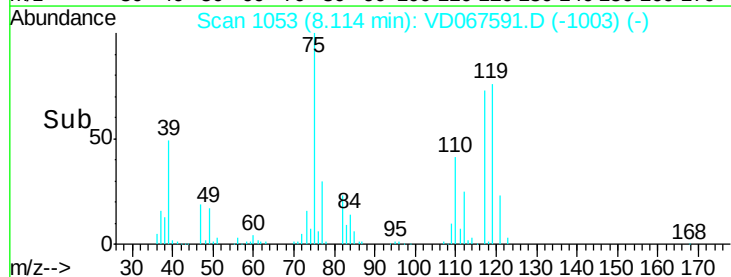
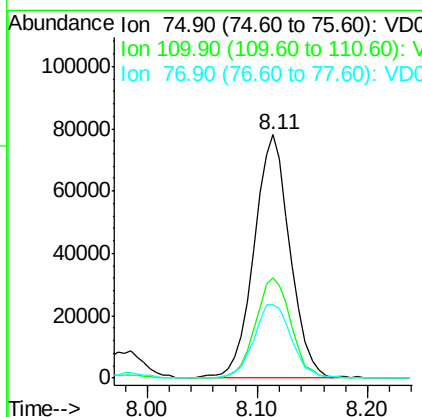
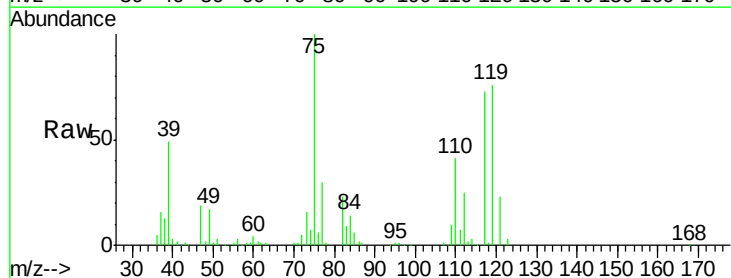
Manual Integrations  
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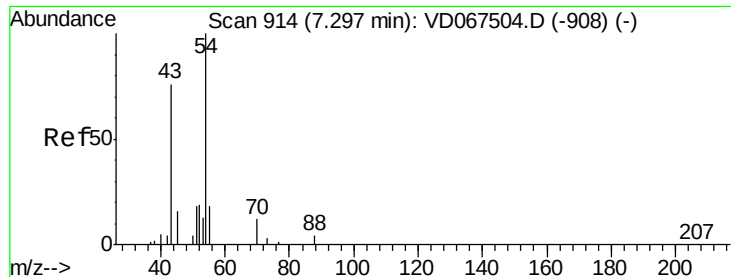
MMDadoda  
 11/12/2020 1:11:35 PM



#36  
 1,1-Dichloropropene  
 Concen: 51.712 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 177888 |       |       |
| 110     | 40.8  | 19.9   | 59.7  |       |
| 77      | 32.1  | 24.8   | 37.2  |       |





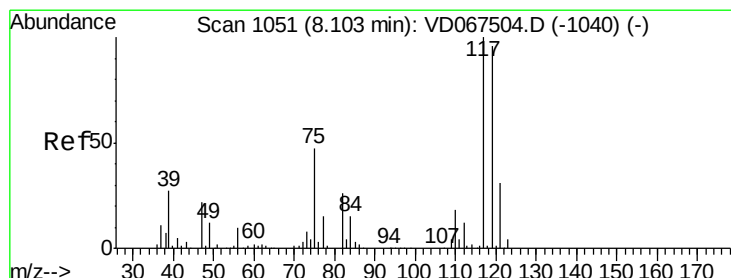
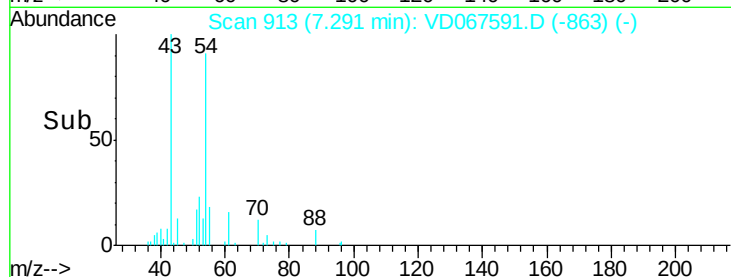
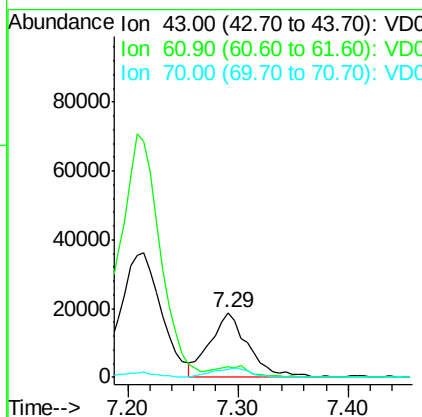
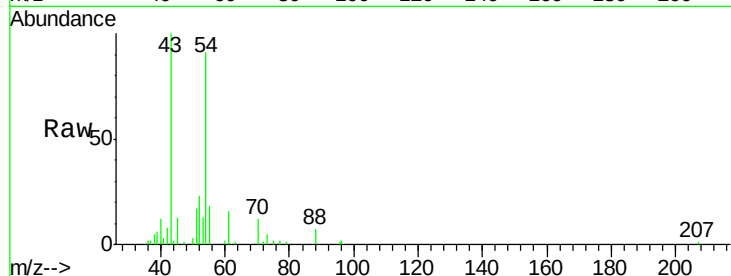
#37  
Ethyl Acetate  
Concen: 50.469 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 12.8  | 19.2  |
| 70      | 14.6  | 11.7  | 17.5  |

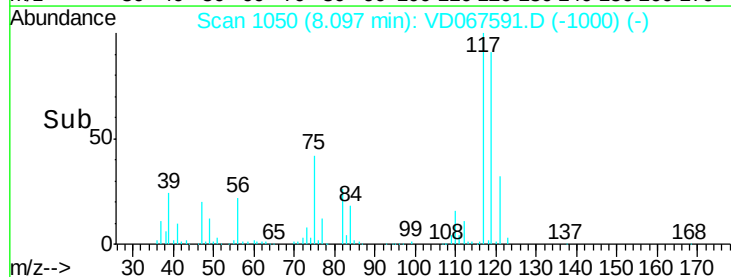
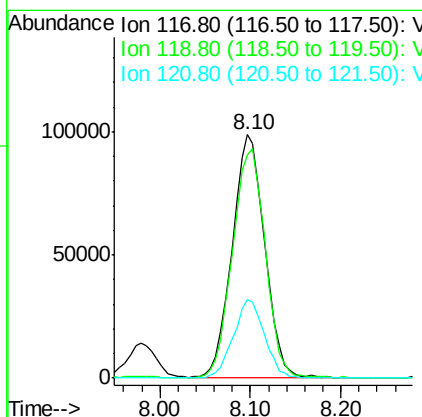
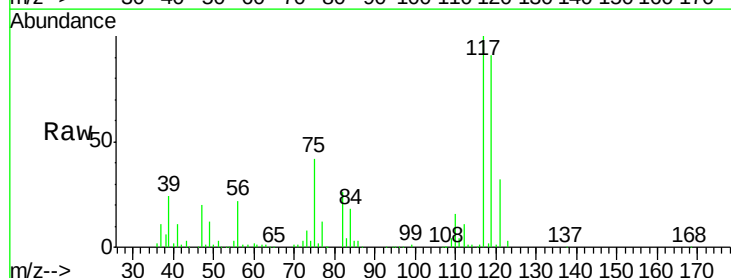
Manual Integrations  
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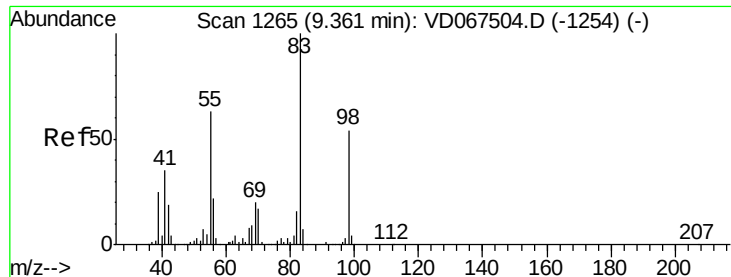


#38  
Carbon Tetrachloride  
Concen: 54.852 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.6  | 76.9  | 115.3 |
| 121     | 32.4  | 24.5  | 36.7  |







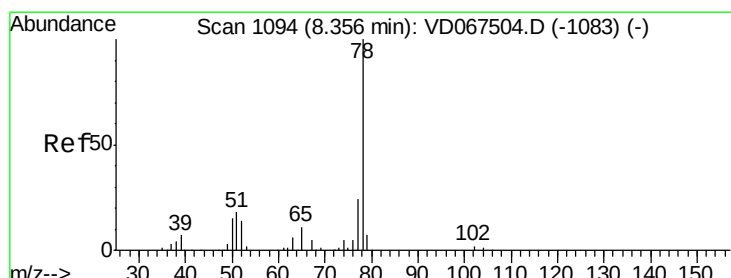
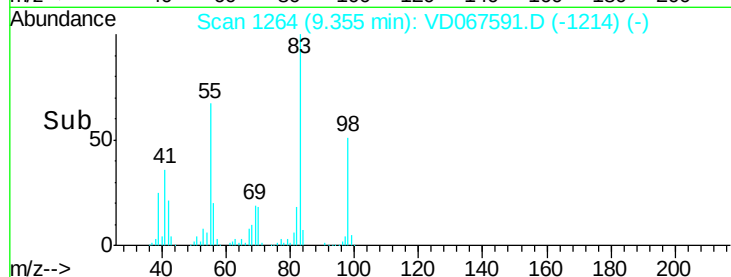
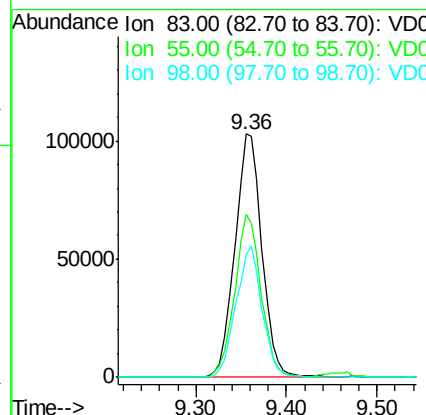
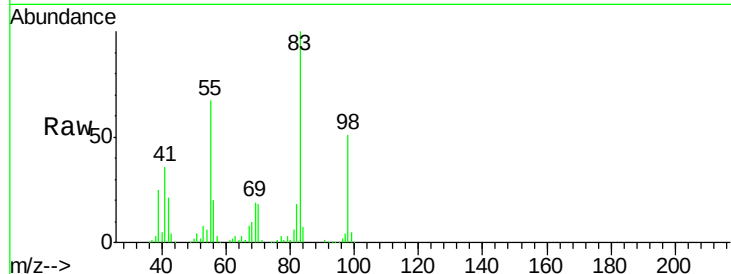
#39  
Methylvlcyclohexane  
Concen: 52.884 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 214118 |       |       |
| 55      | 66.9  |        | 50.5  | 75.7  |
| 98      | 50.6  |        | 43.4  | 65.0  |

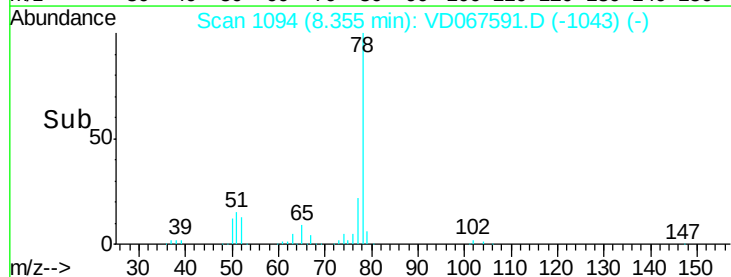
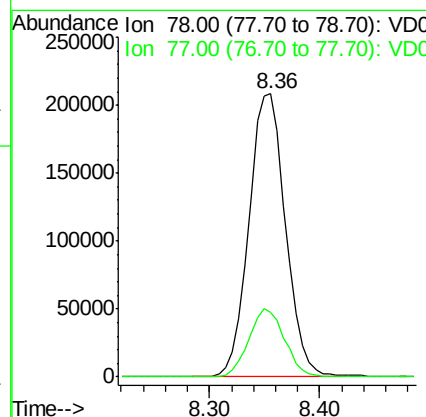
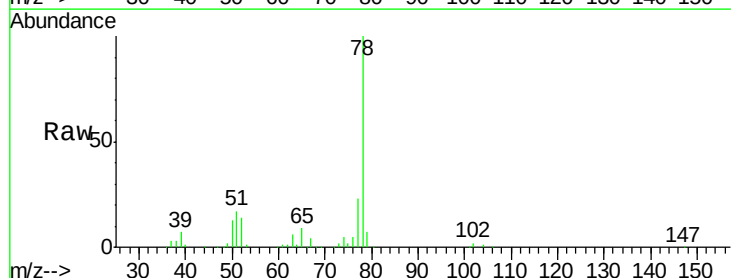
Manual Integrations  
APPROVED

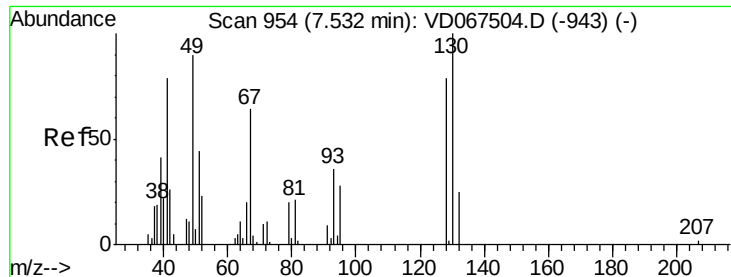
MMDadoda  
11/12/2020 1:11:35 PM



#40  
Benzene  
Concen: 52.035 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 484867 |       |       |
| 77      | 22.5  |        | 19.1  | 28.7  |





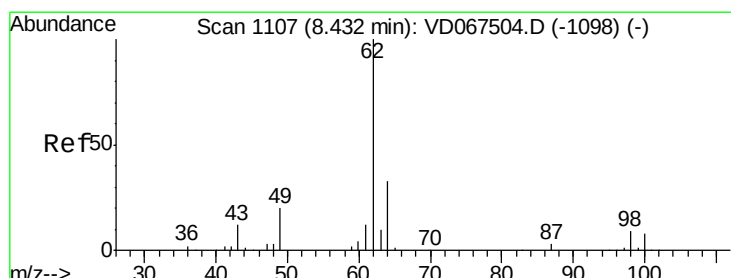
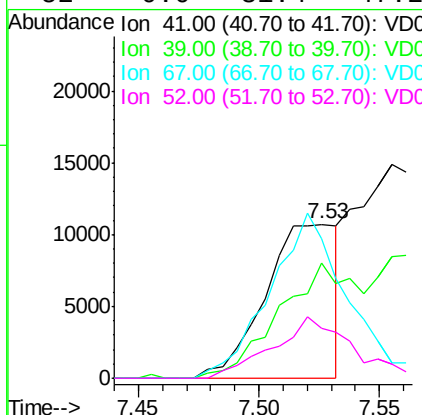
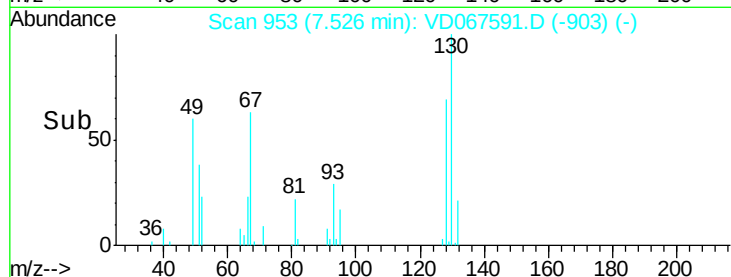
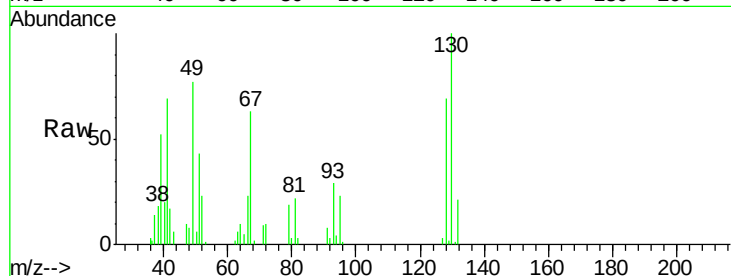
#41  
Methacrylonitrile  
Concen: 42.200 ug/l m  
RT: 7.53 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 41 Resp: 22528  
Ion Ratio Lower Upper  
41 100  
39 84.8 51.3 76.9#  
67 0.0 78.9 118.3#  
52 0.0 31.4 47.2#

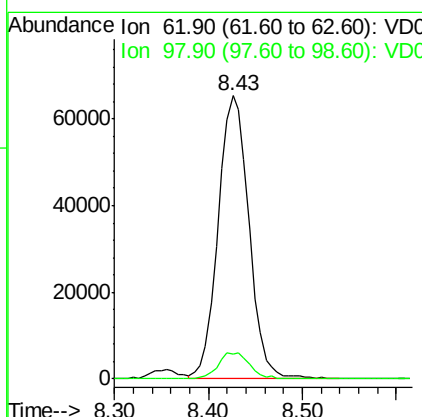
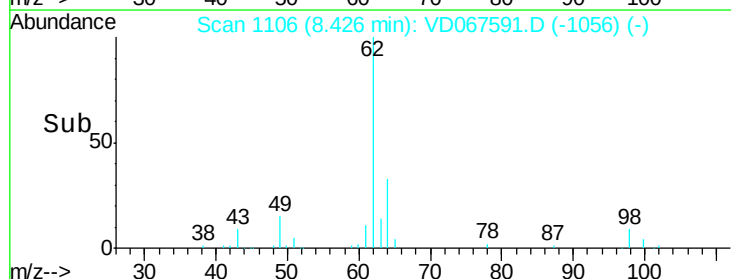
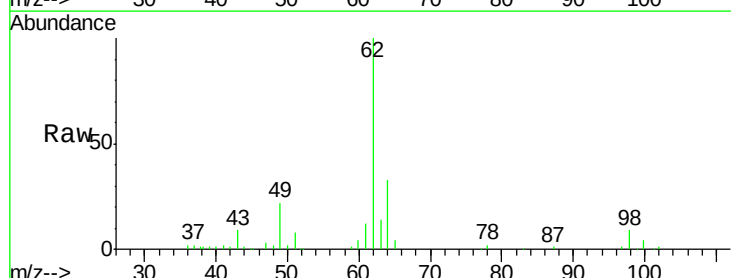
Manual Integrations  
APPROVED

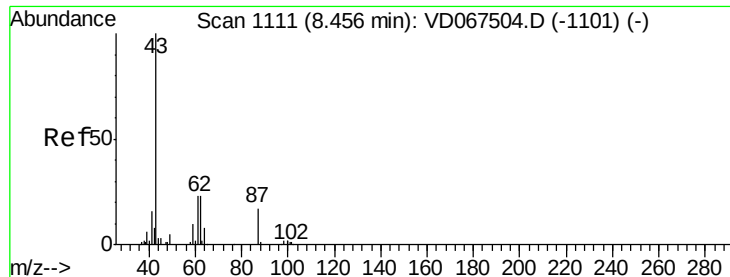
MMDadoda  
11/12/2020 1:11:35 PM



#42  
1,2-Dichloroethane  
Concen: 51.916 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Tgt Ion: 62 Resp: 149467  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.530 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

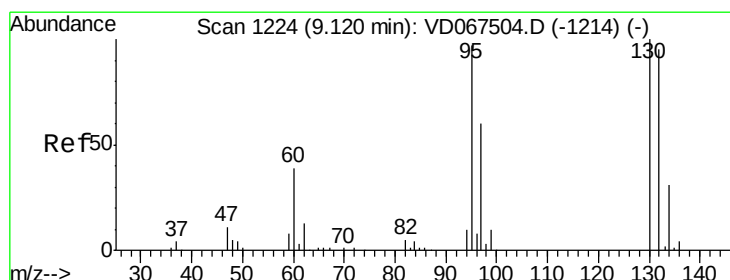
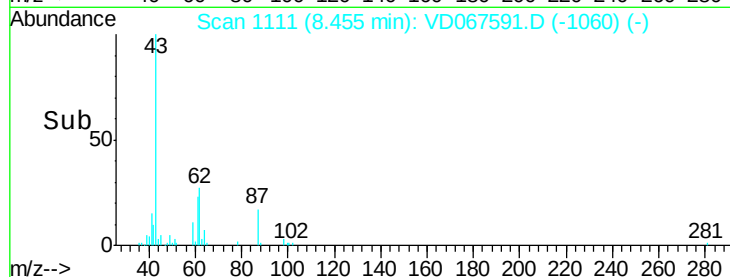
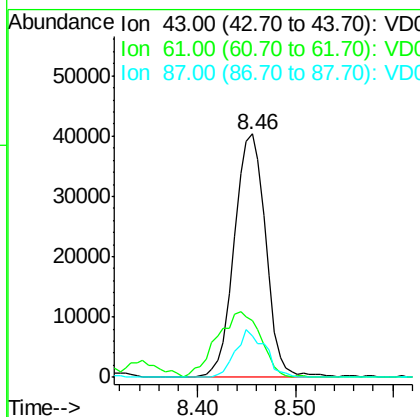
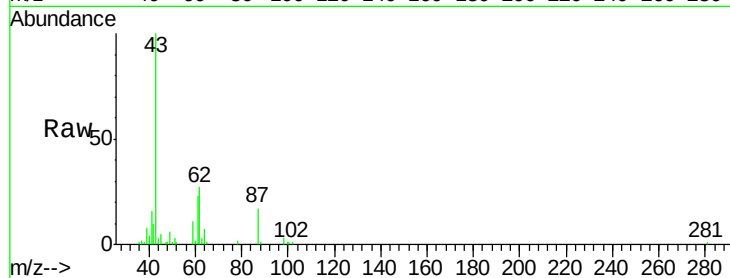
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 91015 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 37.4  | 30.5  | 45.7  |
| 87       | 18.3  | 14.7  | 22.1  |

Manual Integrations  
APPROVED

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11/12/2020 1:11:35 PM



#44

Trichloroethene

Concen: 51.453 ug/l

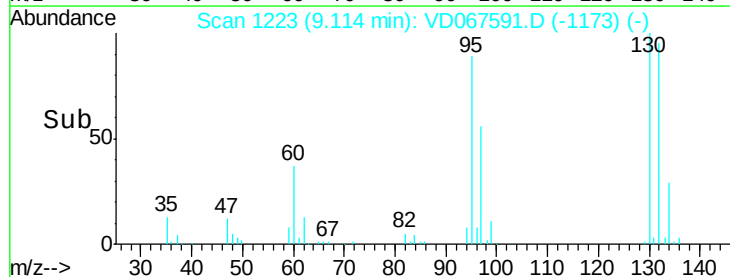
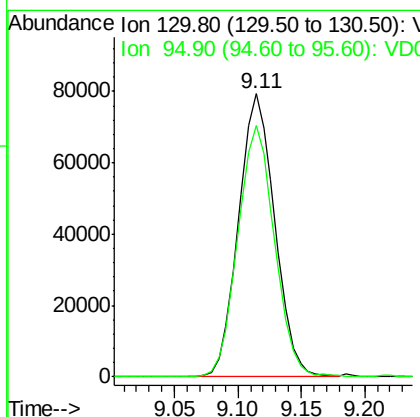
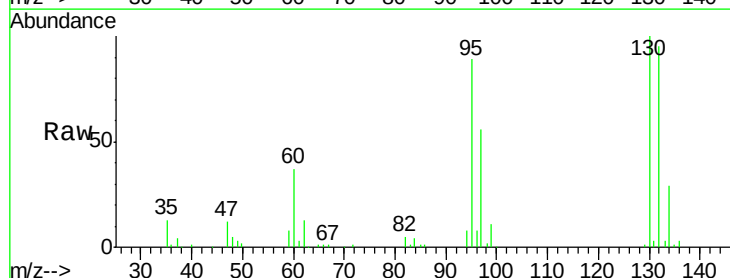
RT: 9.11 min Scan# 1223

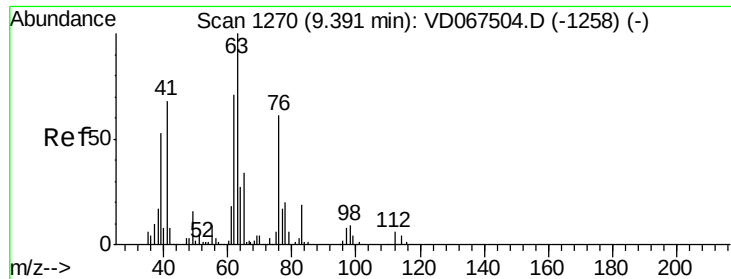
Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 157646 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 88.8  | 0.0   | 194.4  |





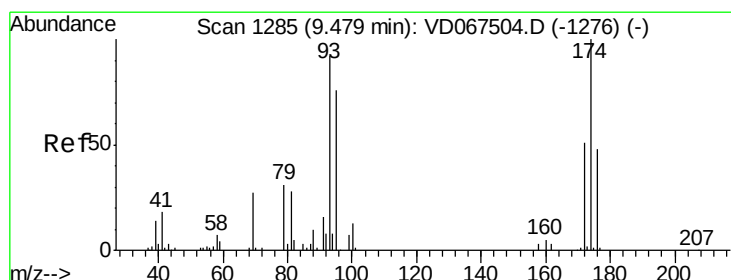
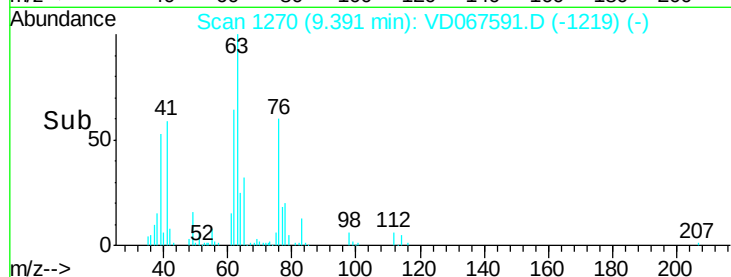
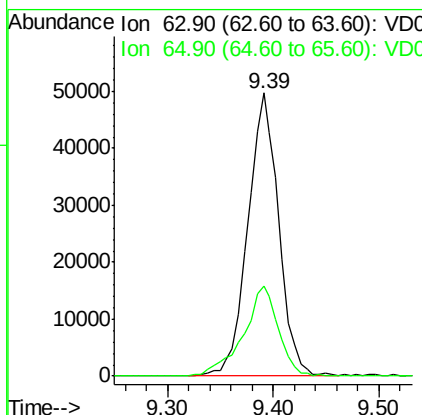
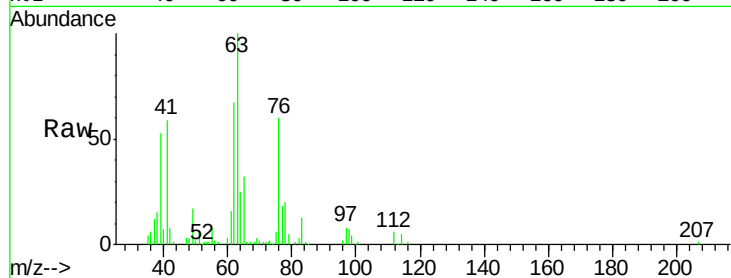
#45  
 1,2-Dichloropropane  
 Concen: 50.148 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.7  | 26.9  | 40.3  |

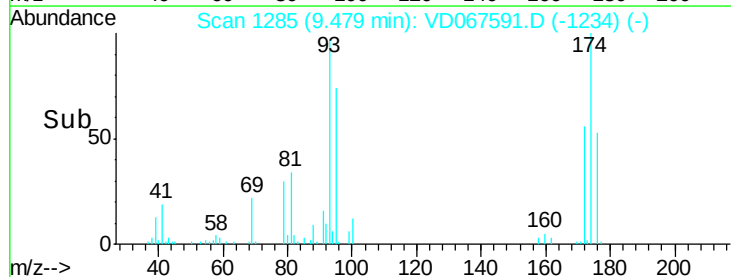
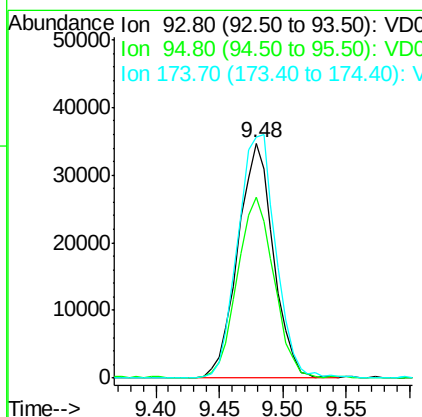
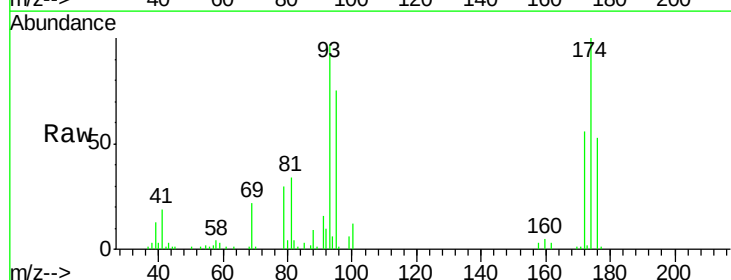
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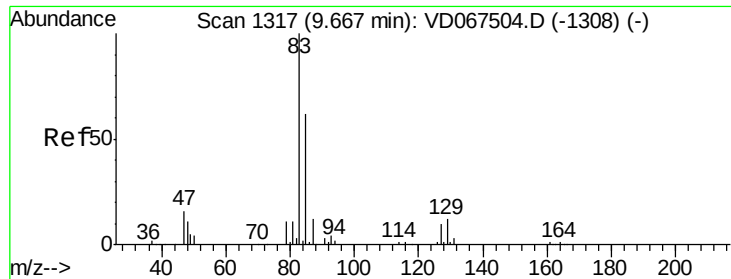
MMDadoda  
 11/12/2020 1:11:35 PM



#46  
 Dibromomethane  
 Concen: 52.725 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 79.3  | 66.4  | 99.6  |
| 174     | 111.4 | 88.2  | 132.4 |





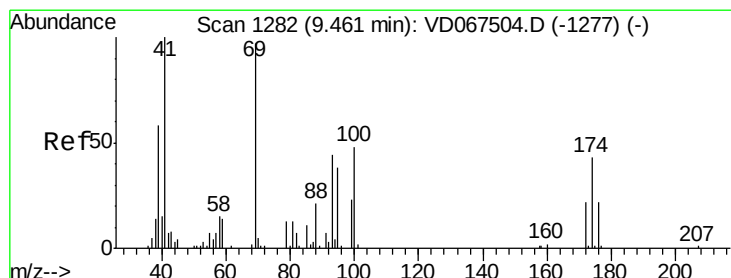
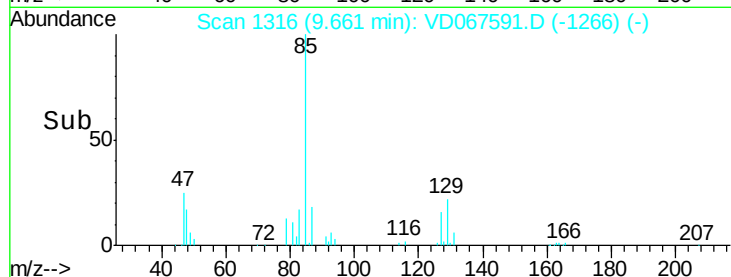
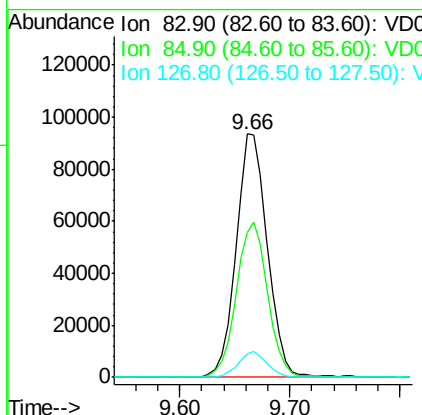
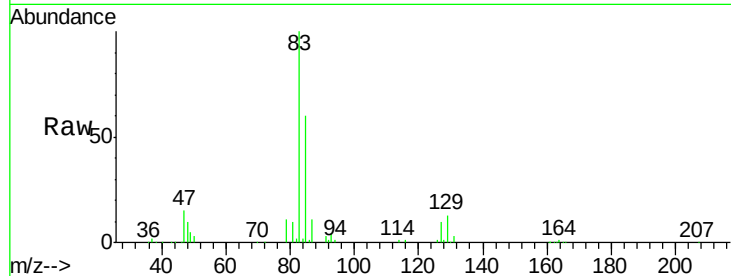
#47  
Bromodichloromethane  
Concen: 53.430 ug/l  
RT: 9.66 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83   | Resp  | 186027 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 59.6 | 49.4  | 74.2   |
| 127       | 9.7  | 7.7   | 11.5   |

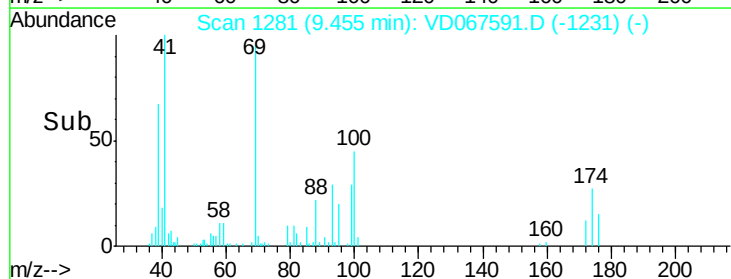
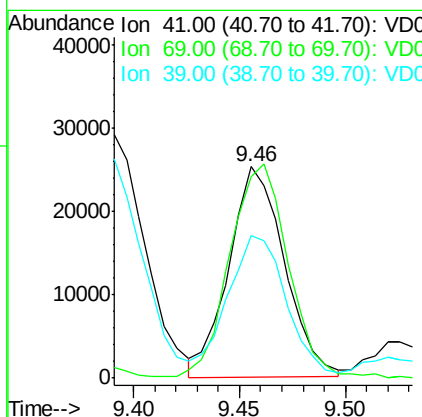
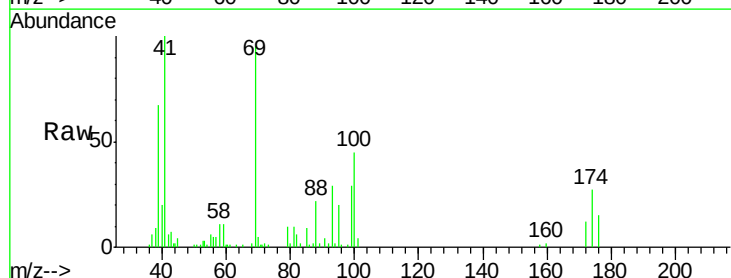
Manual Integrations  
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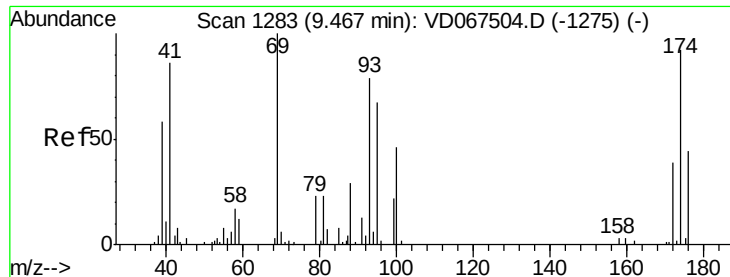
MMDadoda  
11/12/2020 1:11:35 PM



#48  
Methyl methacrylate  
Concen: 50.797 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion   | 41    | Resp  | 46325 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 41        | 100   |       |       |
| 69        | 107.1 | 80.6  | 121.0 |
| 39        | 66.4  | 50.2  | 75.4  |





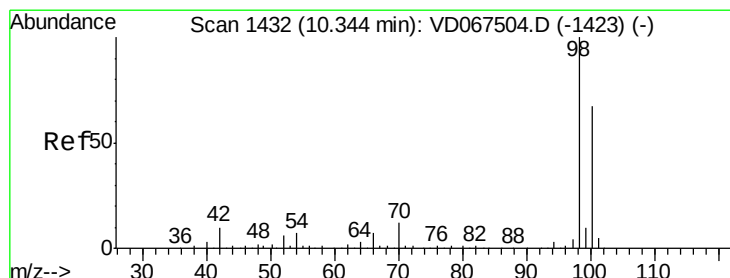
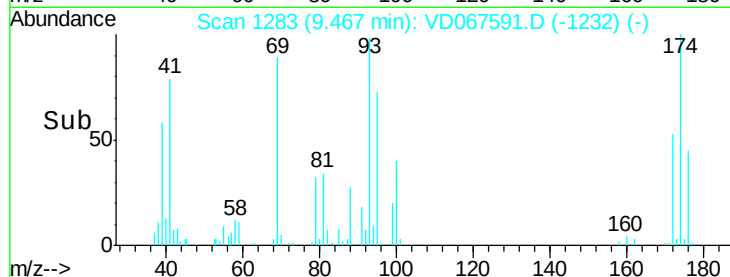
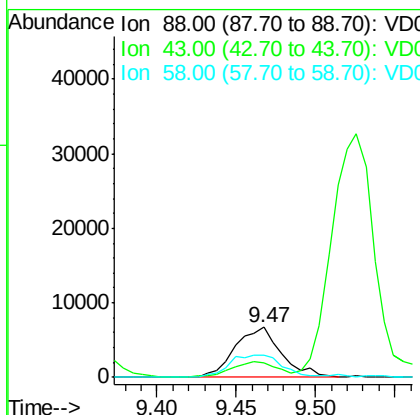
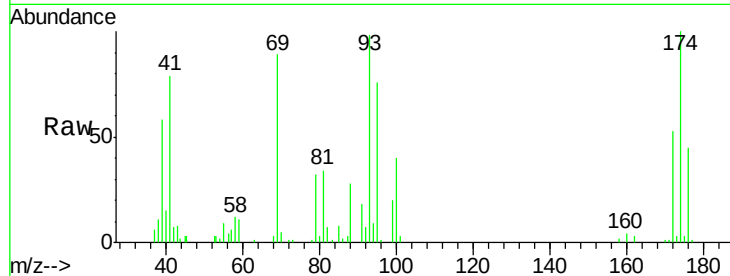
#49  
1,4-Dioxane  
Concen: 1044.830 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 88    | Resp  | 13587 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 31.7  | 23.6  | 35.4  |
| 58      | 52.2  | 44.7  | 67.1  |

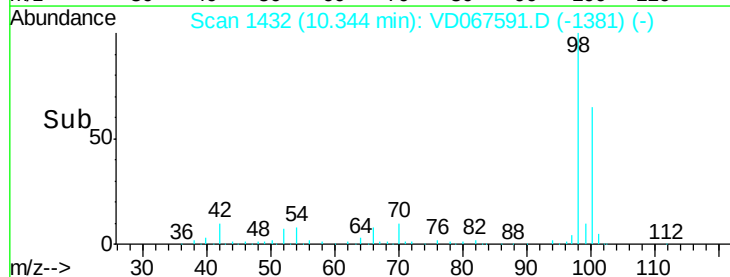
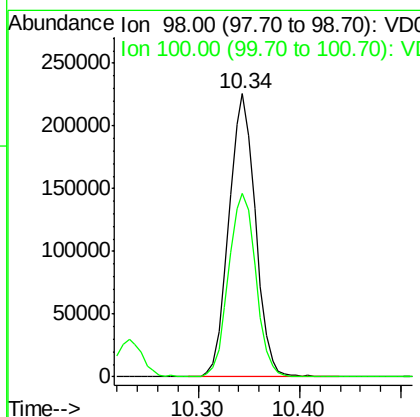
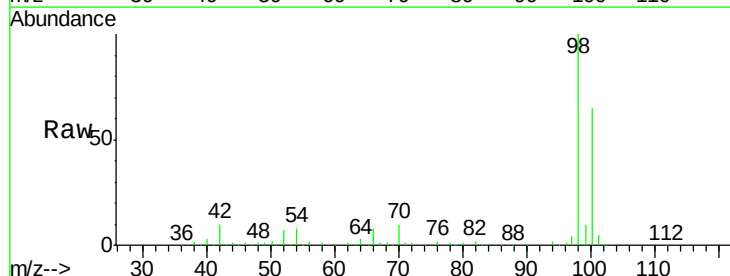
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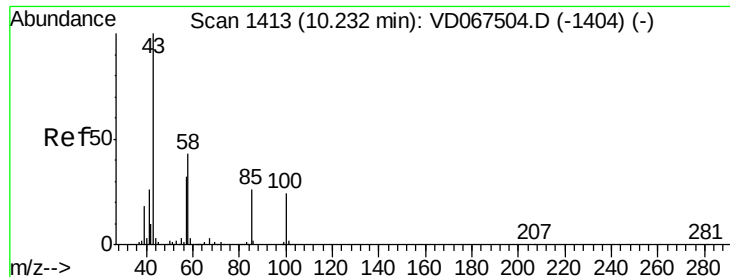
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.152 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | 98    | Resp  | 409727 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.9  | 53.0  | 79.6   |





#51

4-Methyl-2-Pentanone

Concen: 266.185 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 224851

Ion Ratio Lower Upper

43 100

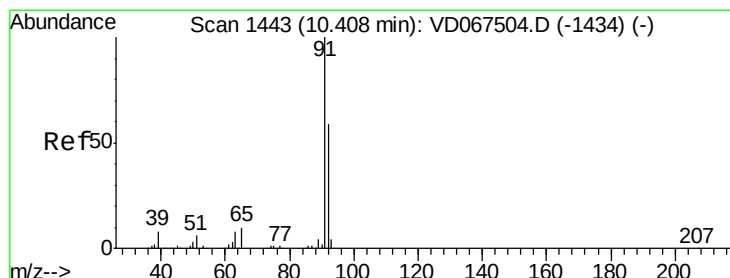
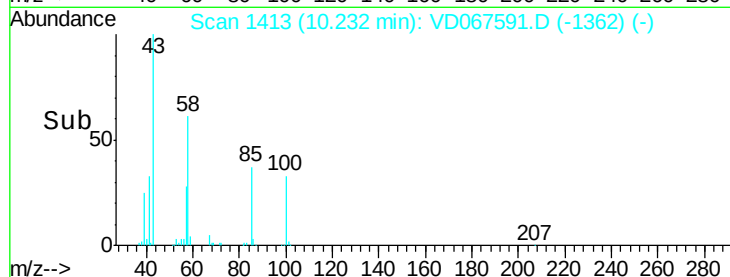
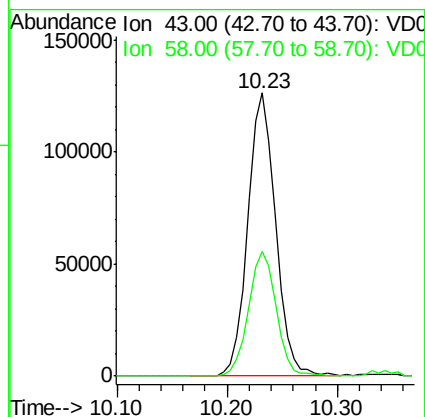
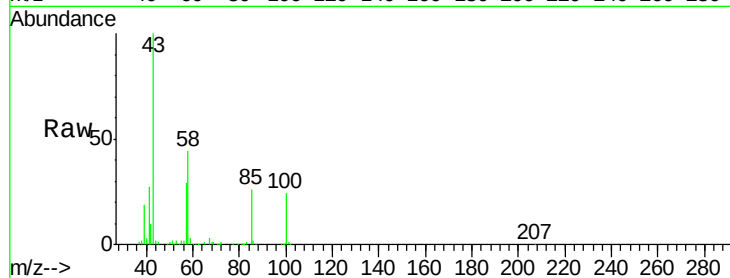
58 43.9 35.6 53.4

Manual Integrations

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#52

Toluene

Concen: 54.773 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067591.D

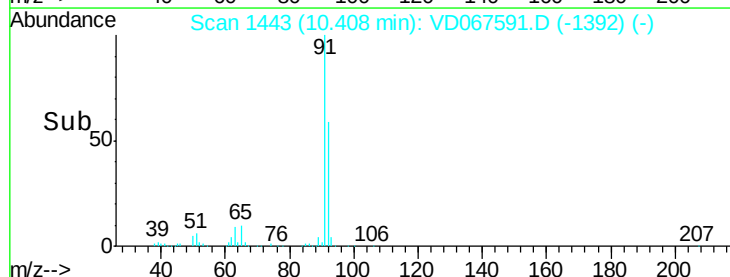
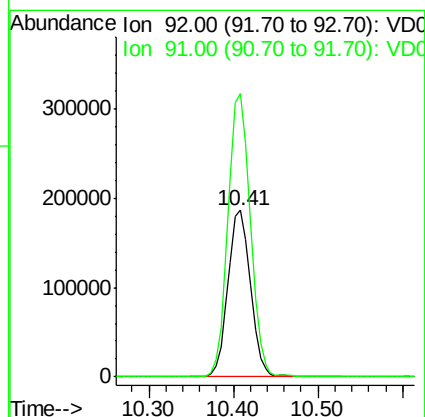
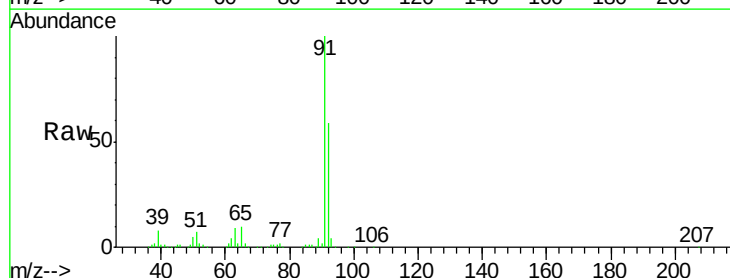
Acq: 11 Nov 2020 09:52

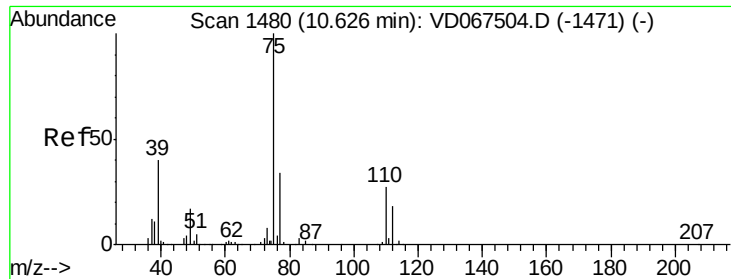
Tgt Ion: 92 Resp: 341851

Ion Ratio Lower Upper

92 100

91 169.3 137.0 205.6





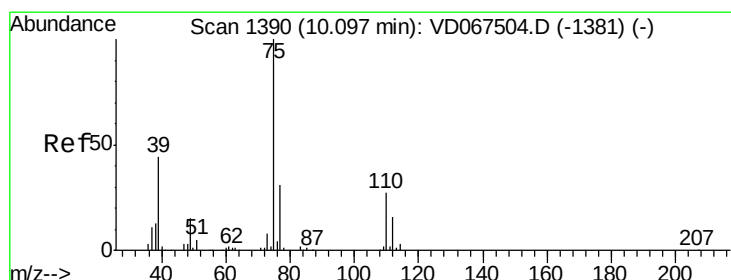
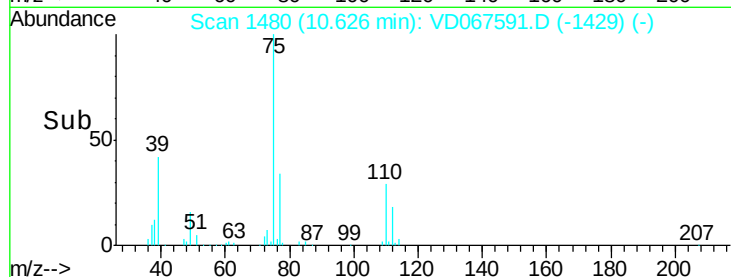
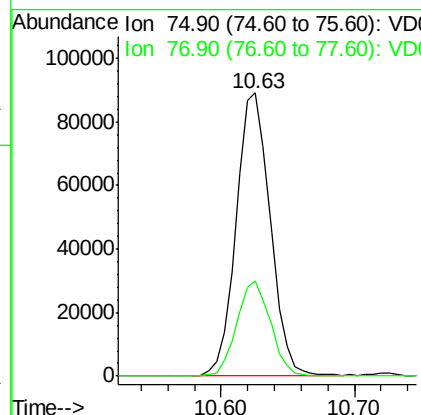
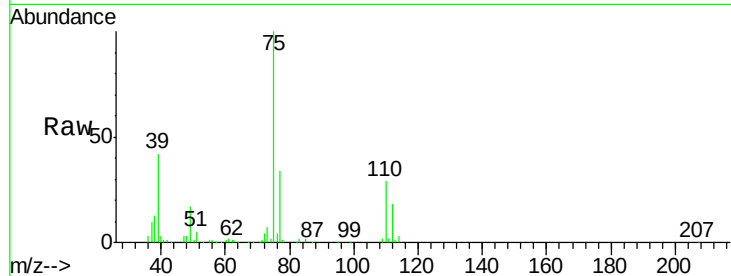
#53  
t-1,3-Dichloropropene  
Concen: 53.130 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 75    | Resp  | 158428 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 33.8  | 27.0  | 40.6   |

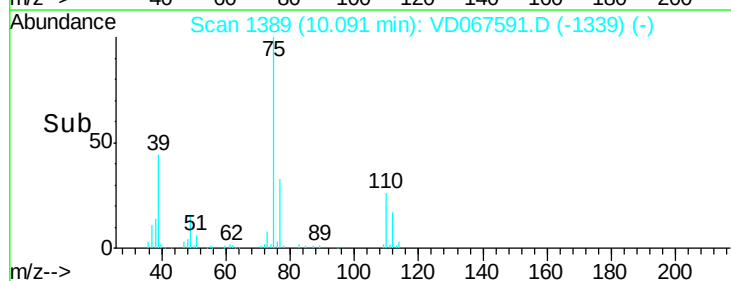
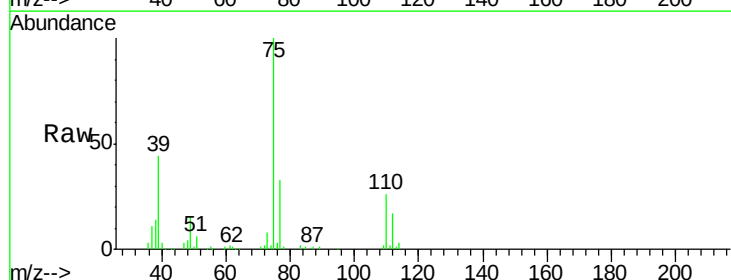
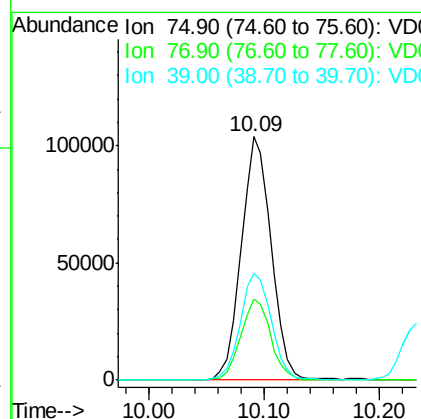
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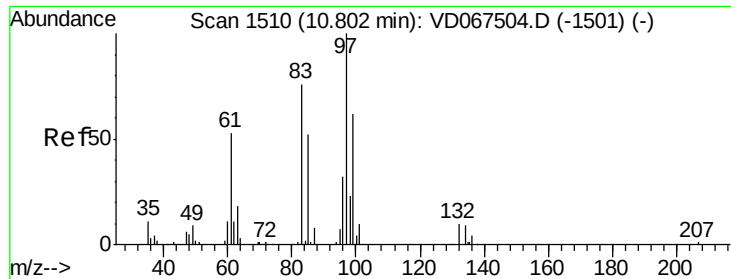


#54  
cis-1,3-Dichloropropene  
Concen: 52.707 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion   | 75    | Resp  | 186733 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 33.1  | 24.4  | 36.6   |
| 39        | 44.0  | 35.6  | 53.4   |







#55

1,1,2-Trichloroethane

Concen: 53.699 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

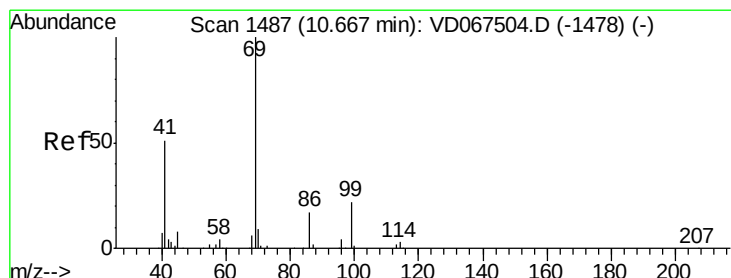
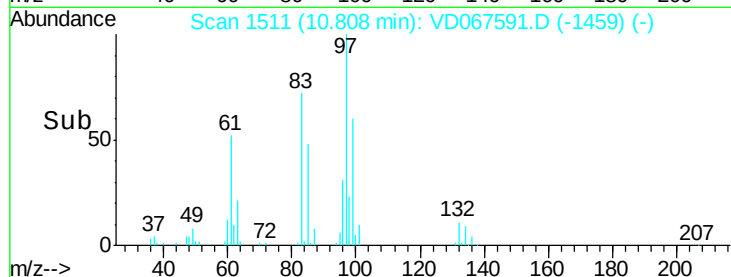
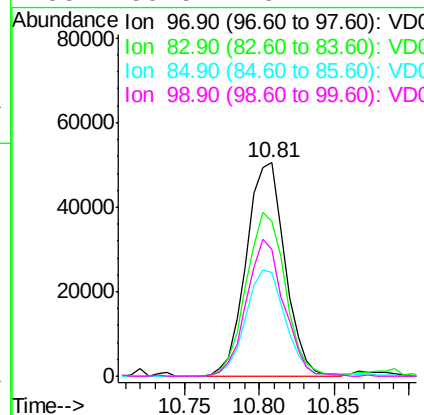
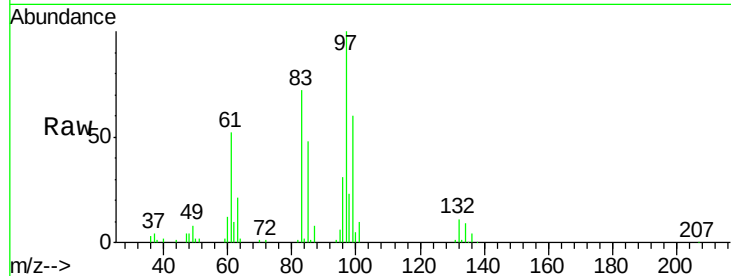
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 91013 |       |       |
| 83      | 72.4 | 61.0  | 91.6  |       |       |
| 85      | 48.4 | 41.5  | 62.3  |       |       |
| 99      | 59.5 | 49.4  | 74.2  |       |       |

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#56

Ethyl methacrylate

Concen: 53.922 ug/l

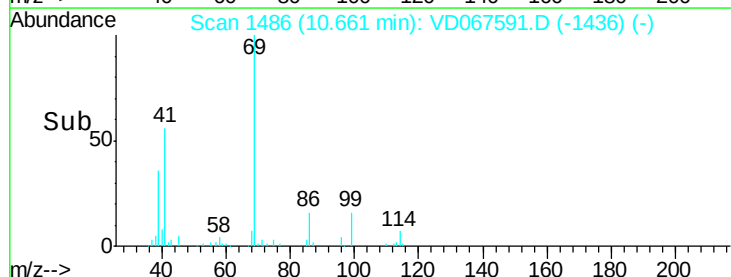
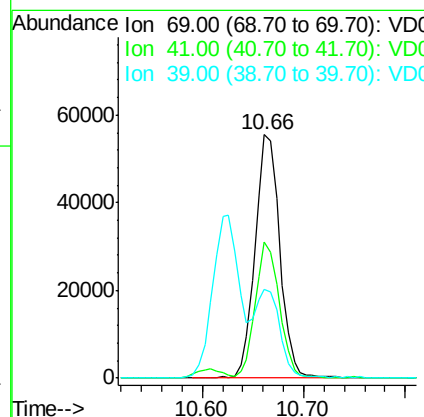
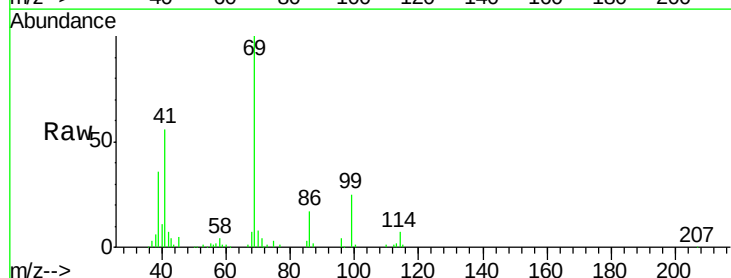
RT: 10.66 min Scan# 1486

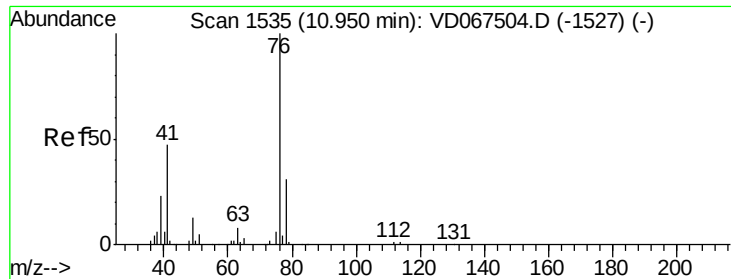
Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 94376 |       |       |
| 41      | 54.7 | 45.4  | 68.0  |       |       |
| 39      | 31.9 | 27.4  | 41.0  |       |       |





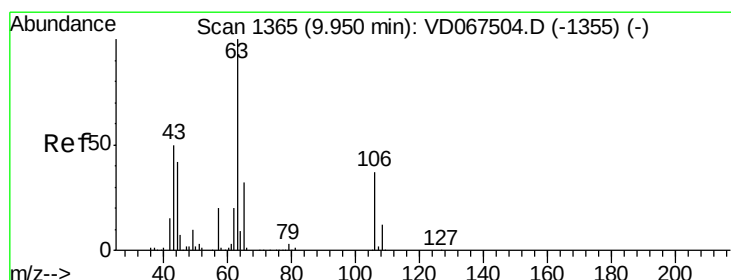
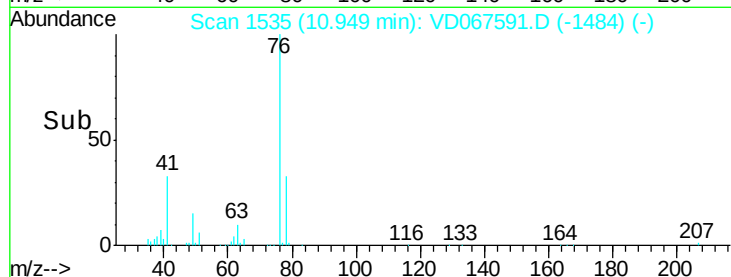
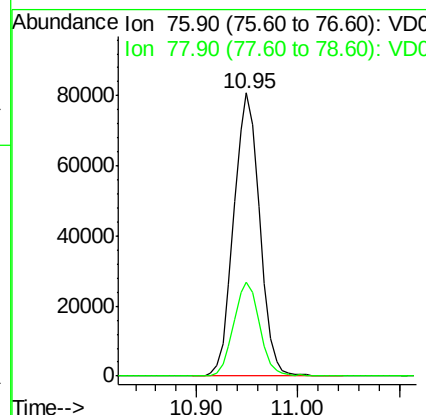
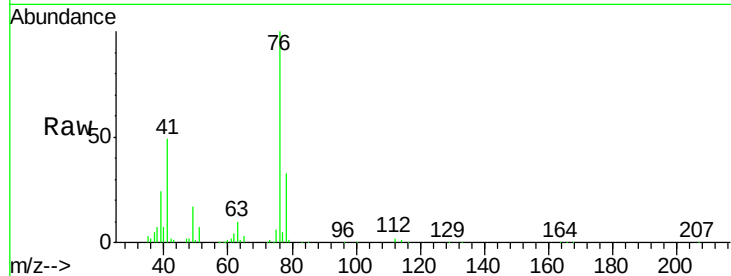
#57  
 1,3-Dichloropropane  
 Concen: 52.615 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 143500  
 Ion Ratio Lower Upper  
 76 100  
 78 33.2 26.1 39.1

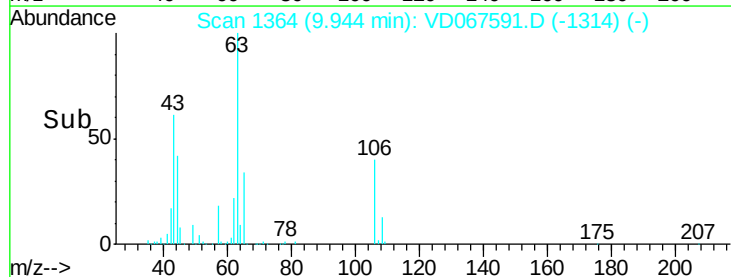
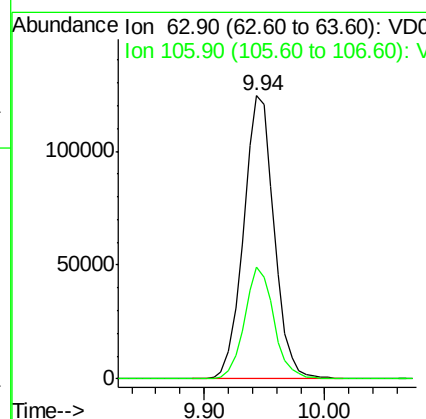
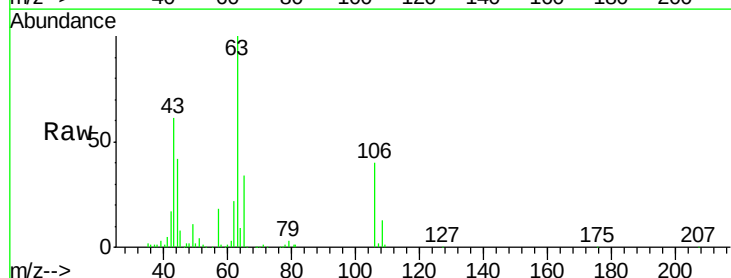
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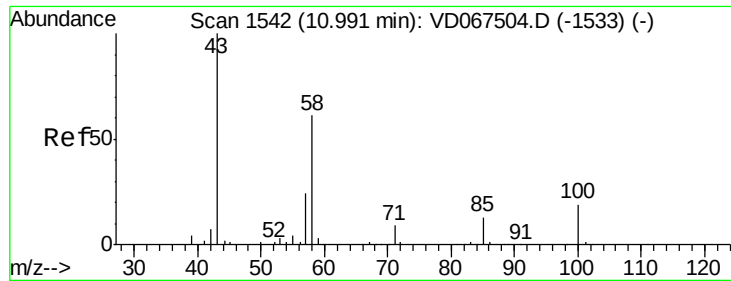
MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 269.558 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Tgt Ion: 63 Resp: 220011  
 Ion Ratio Lower Upper  
 63 100  
 106 37.9 29.2 43.8





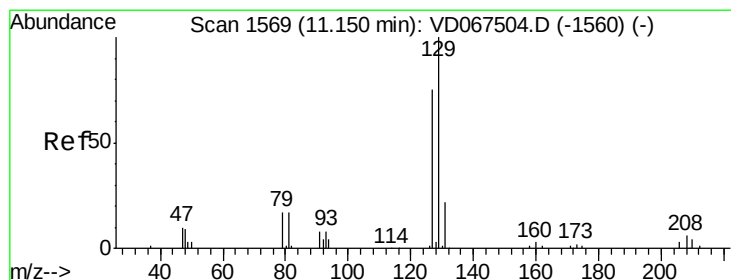
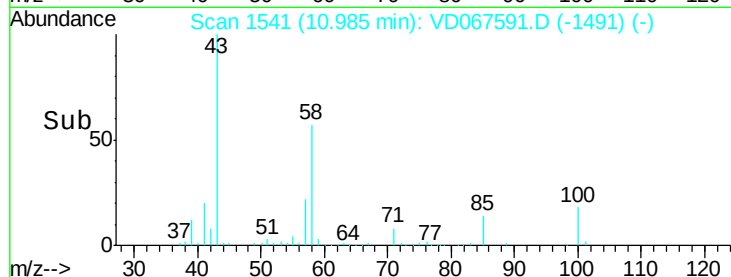
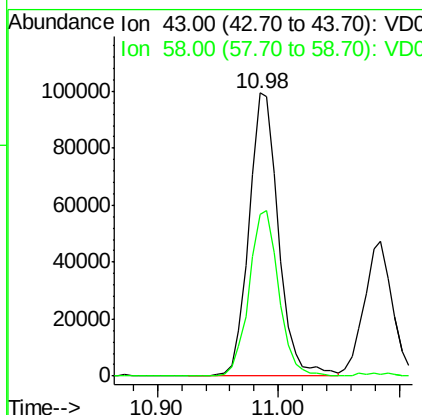
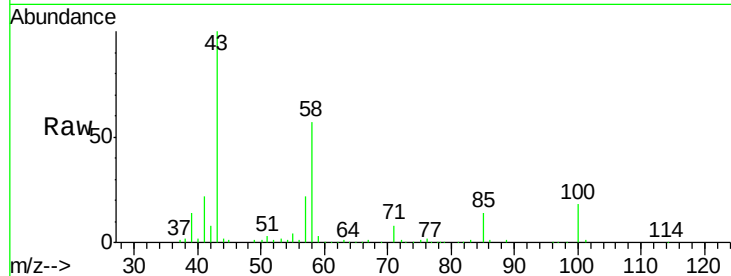
#59  
2-Hexanone  
Concen: 286.894 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 169447  
Ion Ratio Lower Upper  
43 100  
58 58.7 30.3 90.9

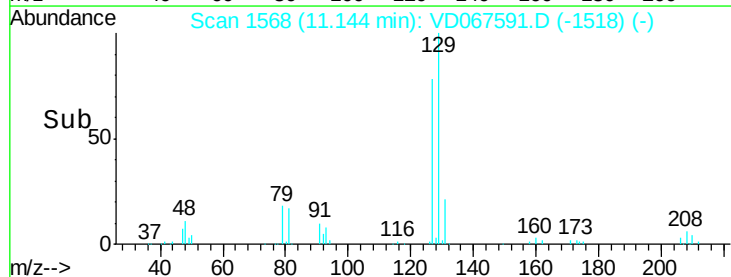
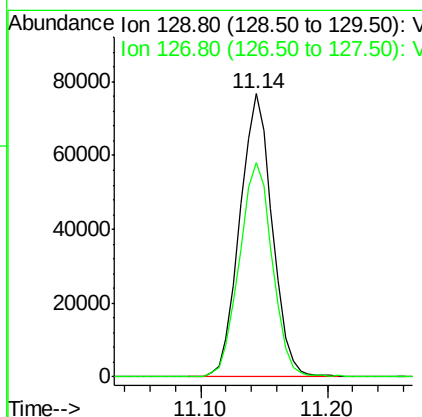
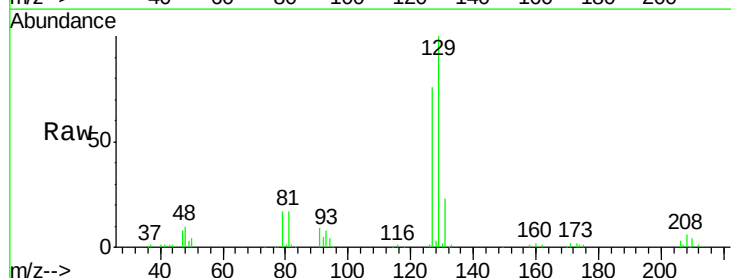
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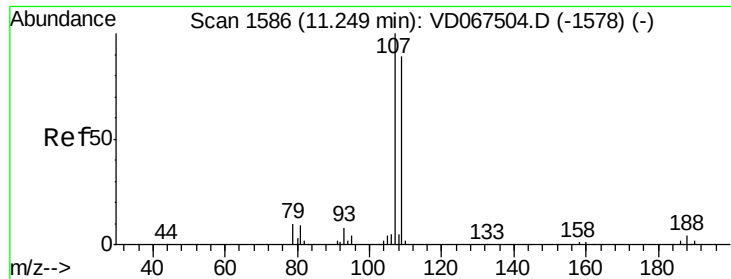
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#60  
Dibromochloromethane  
Concen: 54.235 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Tgt Ion: 129 Resp: 135978  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.0 114.1





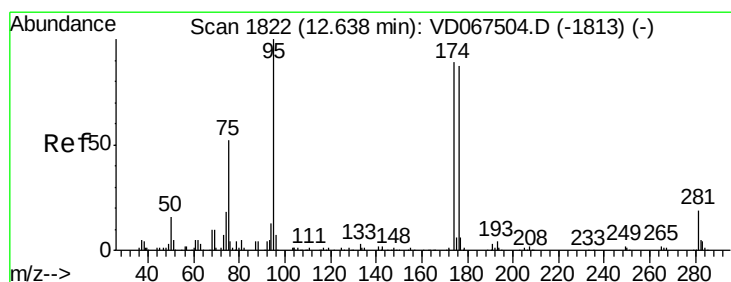
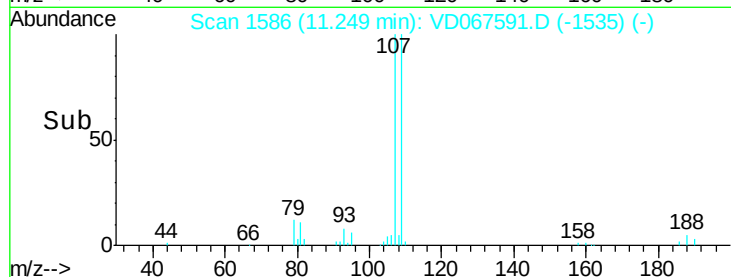
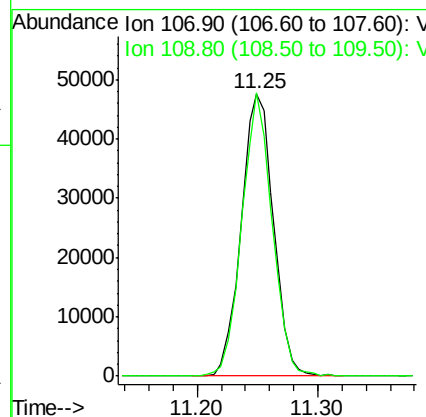
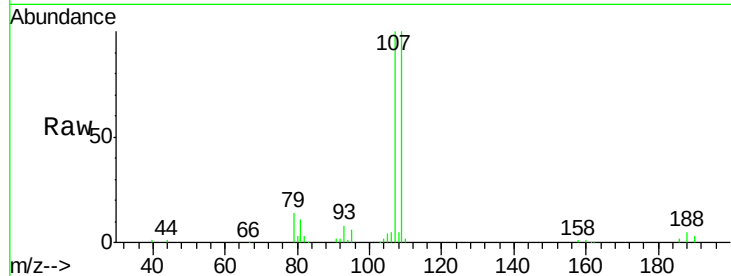
#61  
 1,2-Dibromoethane  
 Concen: 52.088 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 88605  
 Ion Ratio Lower Upper  
 107 100  
 109 94.3 74.6 111.8

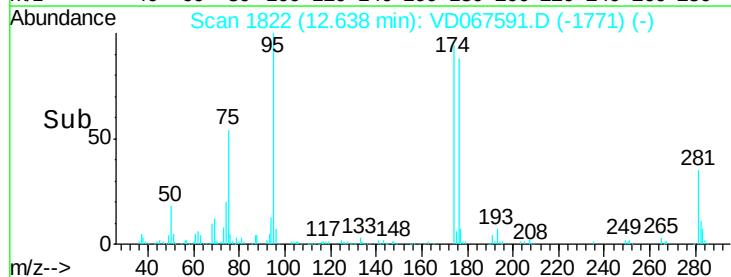
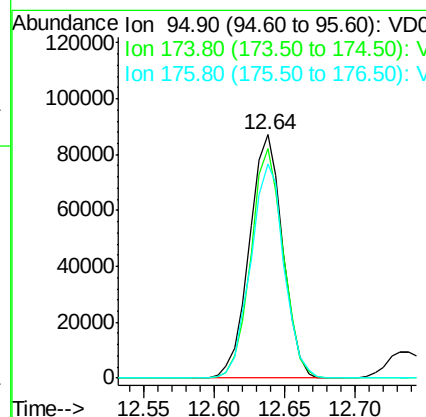
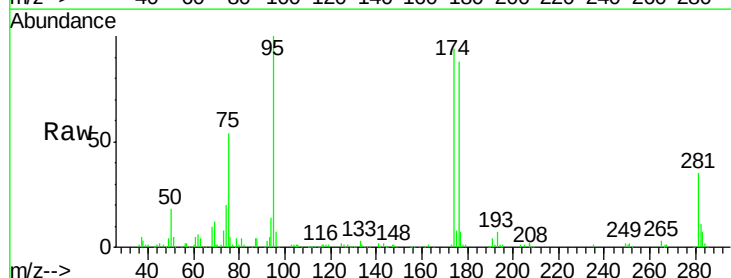
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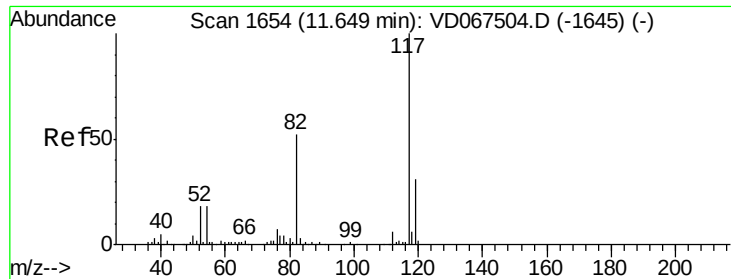
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#62  
 4-Bromofluorobenzene  
 Concen: 49.206 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Tgt Ion: 95 Resp: 144552  
 Ion Ratio Lower Upper  
 95 100  
 174 91.5 0.0 177.8  
 176 88.0 0.0 172.0





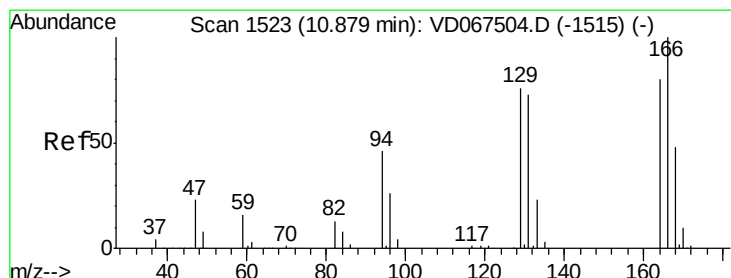
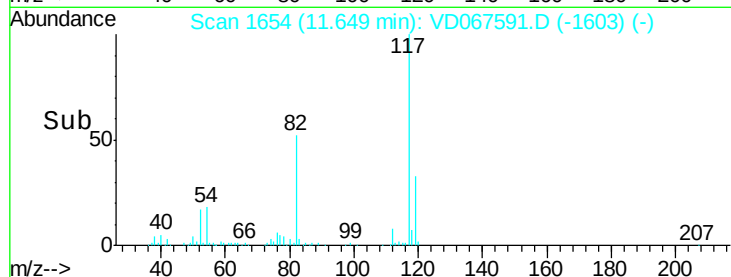
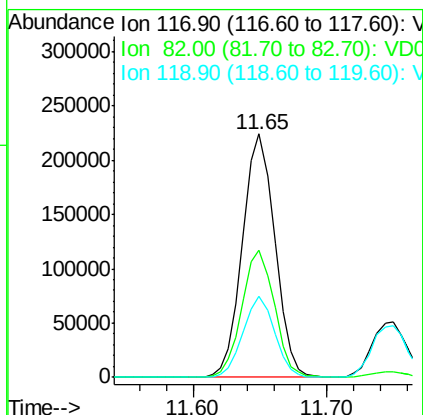
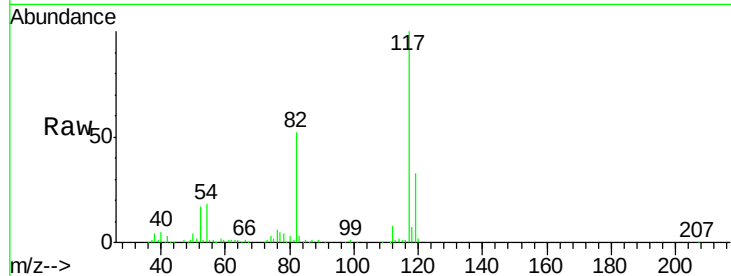
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.2  | 41.6  | 62.4  |
| 119     | 33.3  | 25.1  | 37.7  |

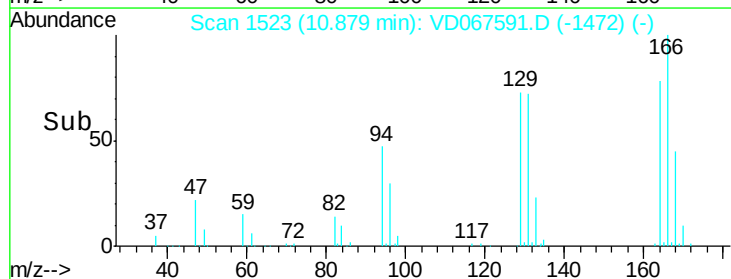
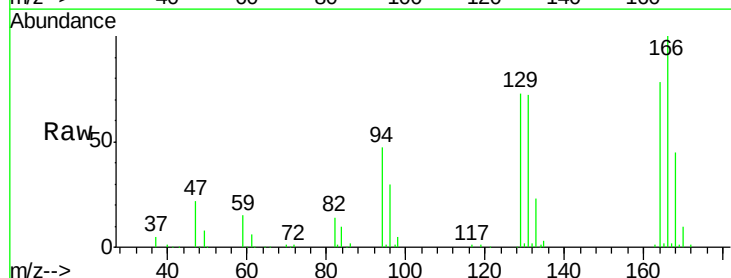
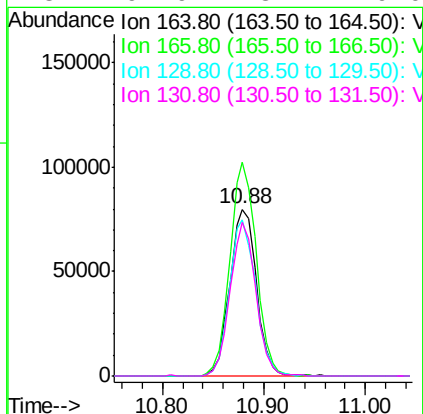
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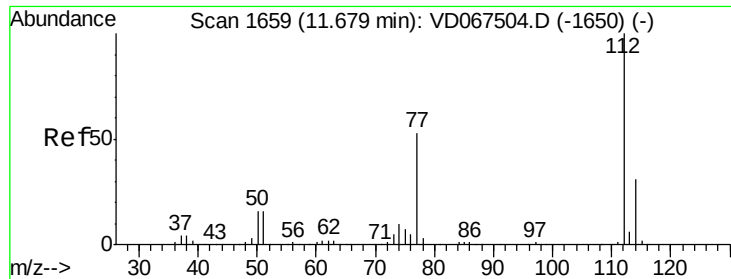
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#64  
Tetrachloroethene  
Concen: 52.006 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.0 | 99.9  | 149.9 |
| 129     | 93.3  | 75.5  | 113.3 |
| 131     | 91.9  | 73.4  | 110.0 |





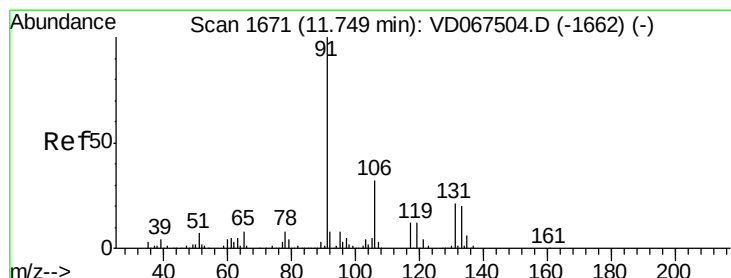
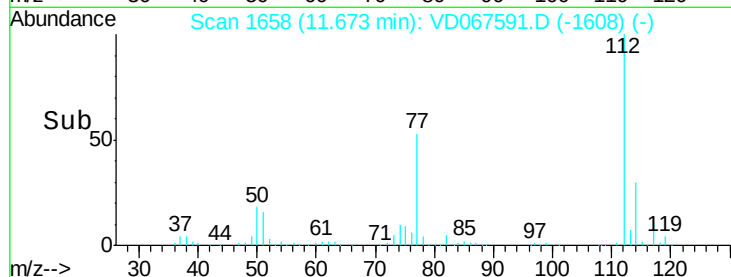
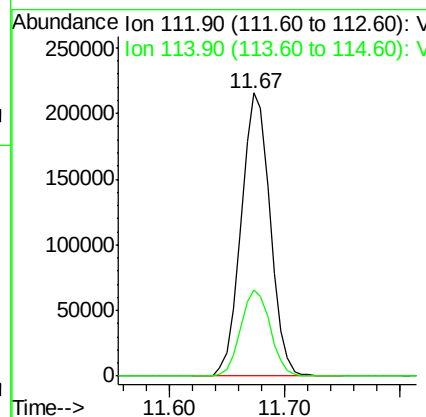
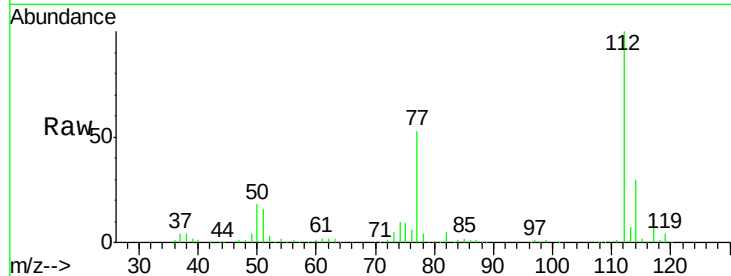
#65  
Chlorobenzene  
Concen: 51.309 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 374373  
Ion Ratio Lower Upper  
112 100  
114 30.4 24.9 37.3

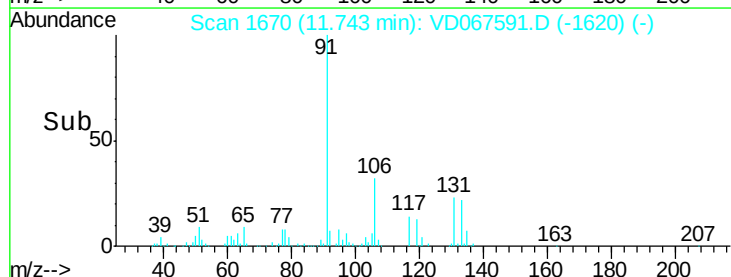
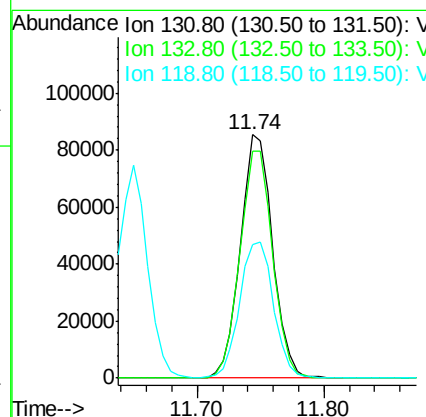
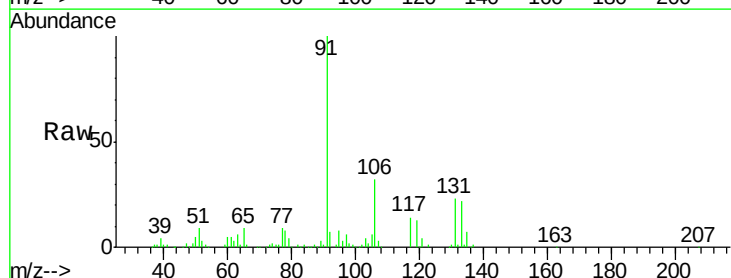
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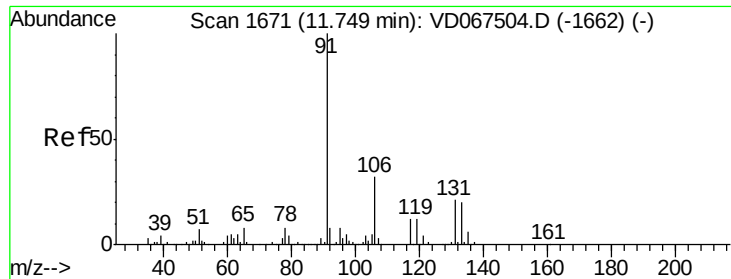
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.218 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Tgt Ion:131 Resp: 150169  
Ion Ratio Lower Upper  
131 100  
133 94.8 48.0 144.0  
119 58.7 30.1 90.5





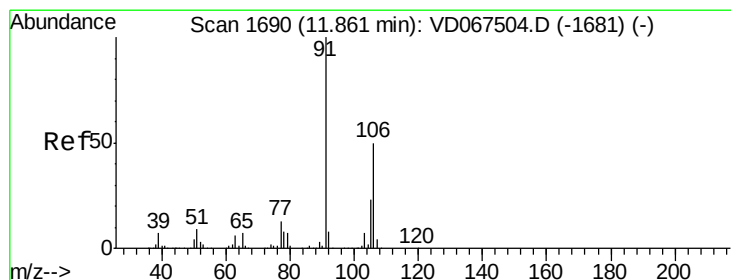
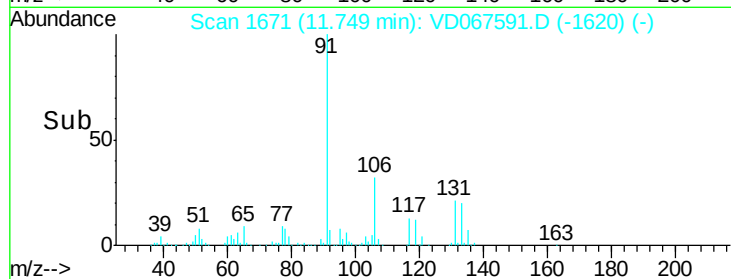
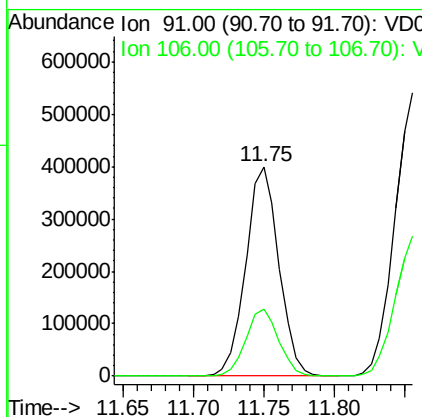
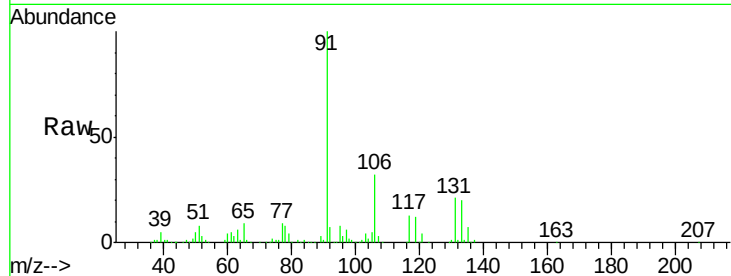
#67  
Ethyl Benzene  
Concen: 52.536 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 655945  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.7 38.5

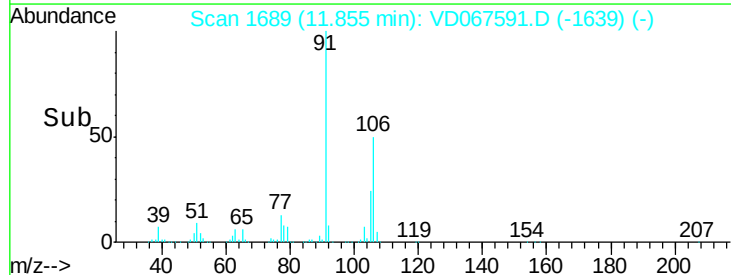
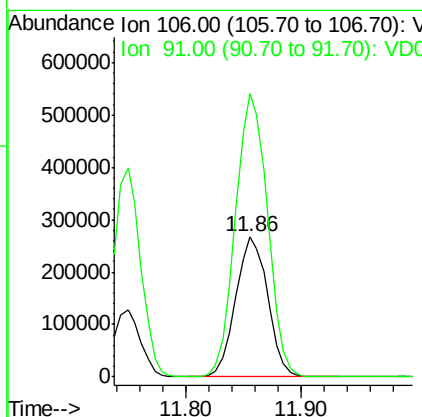
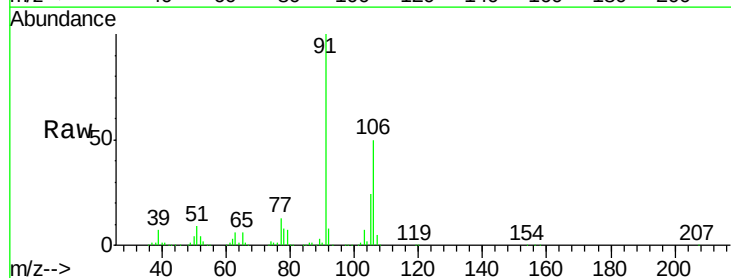
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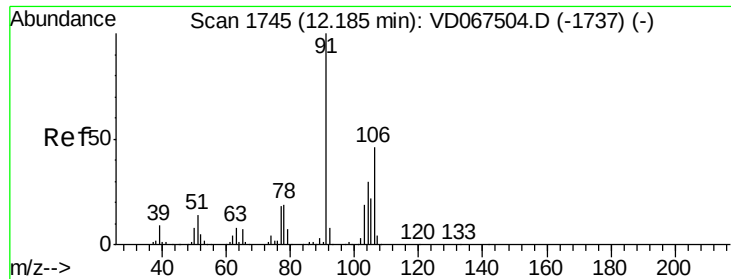
MMDadoda  
11/12/2020 1:11:35 PM



#68  
m/p-Xylenes  
Concen: 106.020 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Tgt Ion: 106 Resp: 514990  
Ion Ratio Lower Upper  
106 100  
91 202.4 162.6 244.0





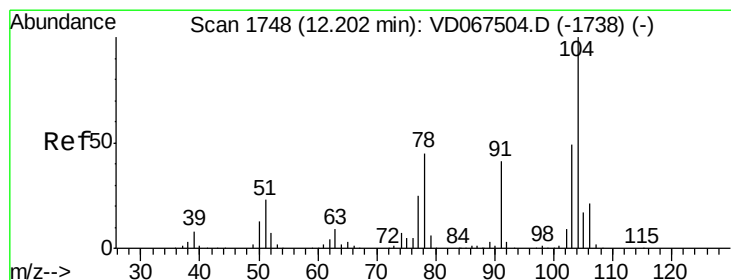
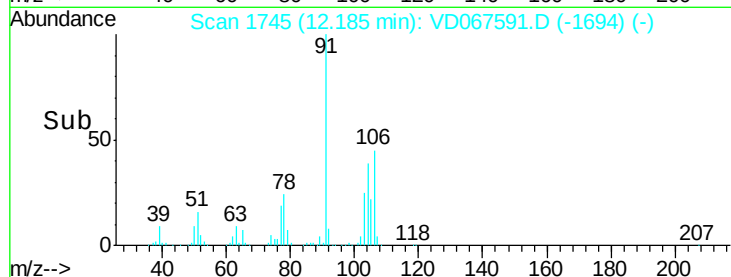
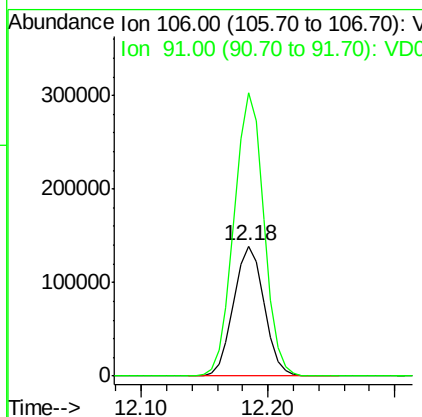
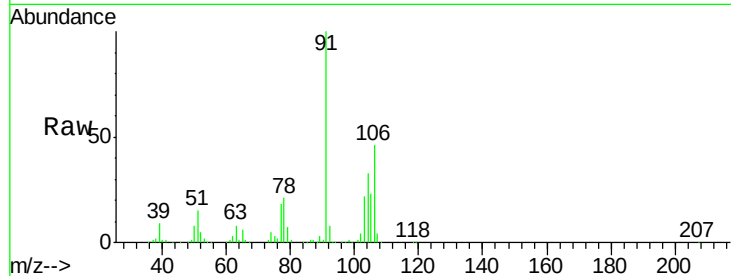
#69  
o-Xylene  
Concen: 53.343 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 231344  
Ion Ratio Lower Upper  
106 100  
91 213.0 107.1 321.1

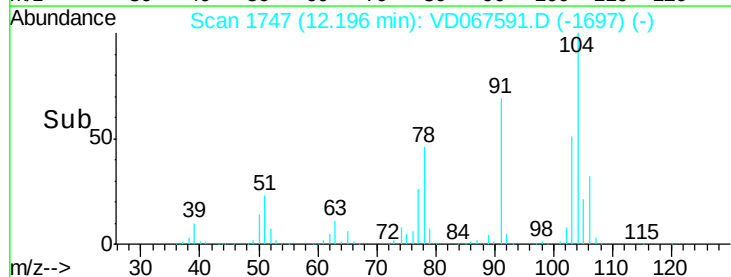
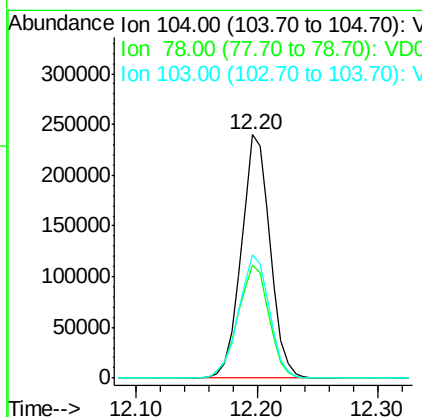
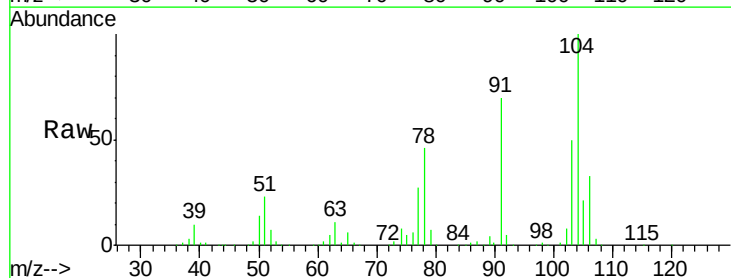
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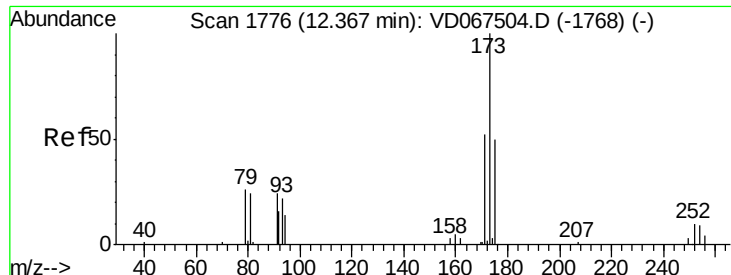


#70  
Styrene  
Concen: 52.653 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Tgt Ion:104 Resp: 397905  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.8 59.8  
103 54.1 43.9 65.9







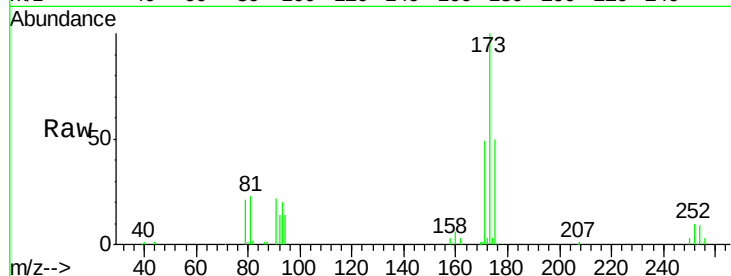
#71  
Bromoform  
Concen: 52.458 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

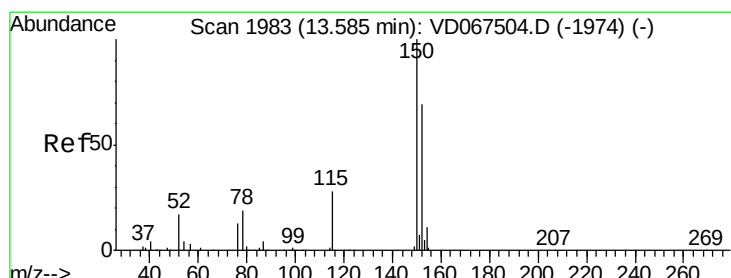
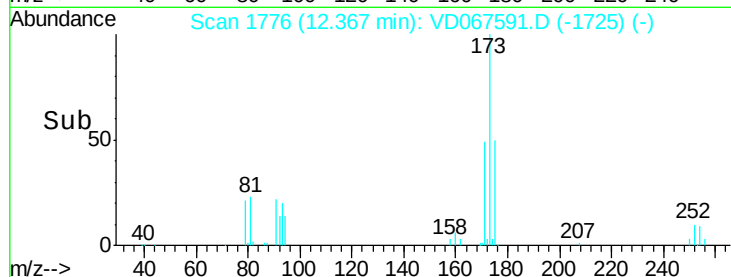
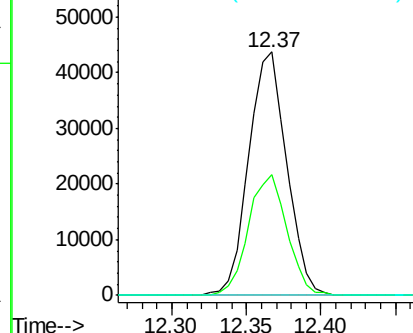
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.0  | 24.1  | 72.2  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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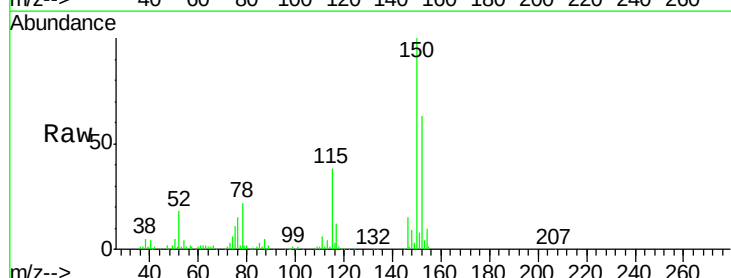


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

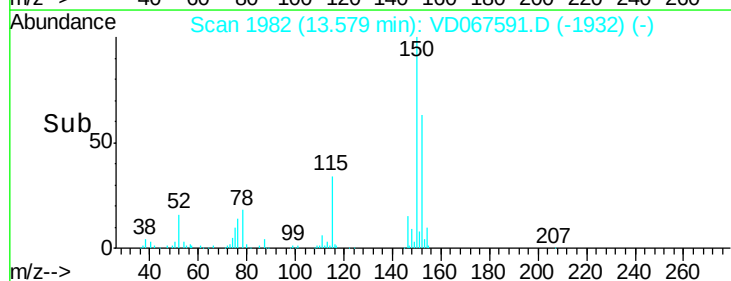
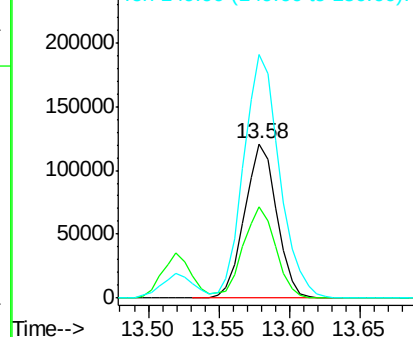


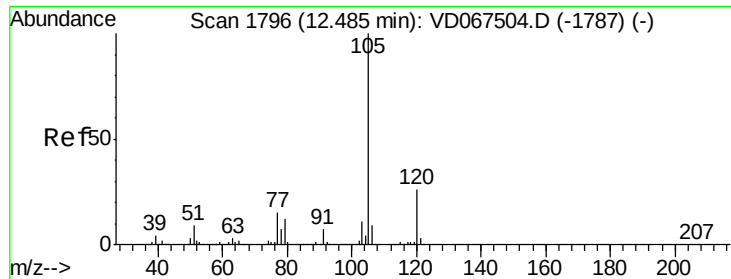
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.3  | 29.3  | 88.0  |
| 150     | 176.1 | 0.0   | 338.2 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.445 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 665495

Ion Ratio Lower Upper

105 100

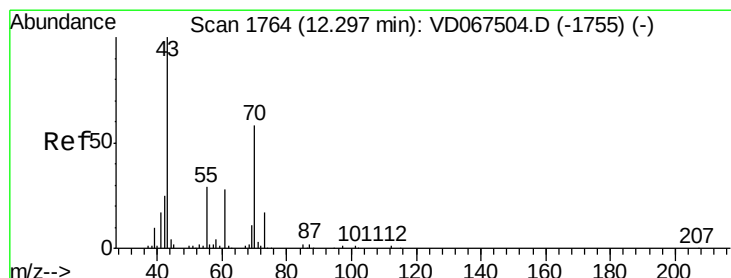
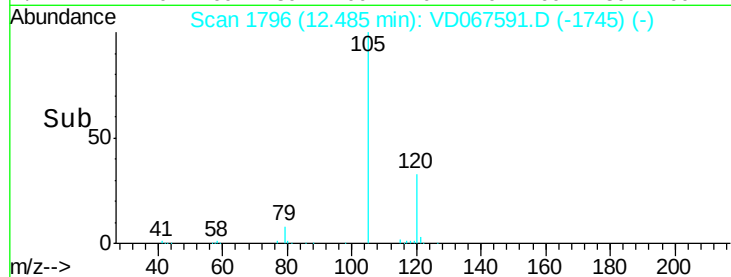
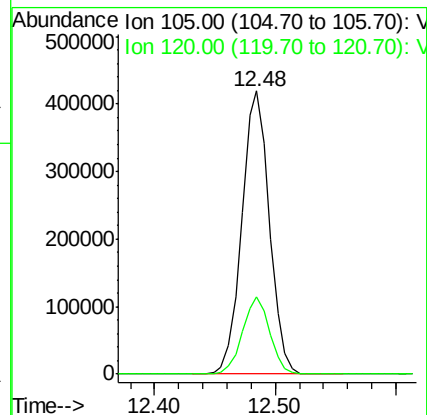
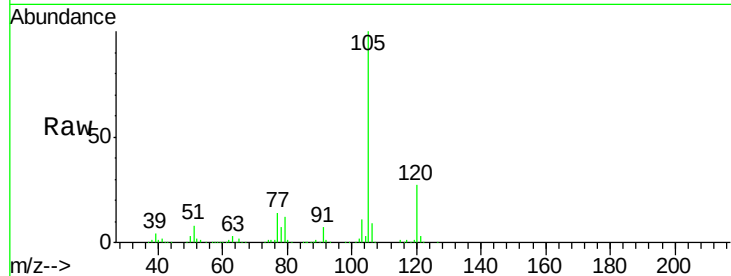
120 26.9 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.838 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Tgt Ion: 43 Resp: 83298

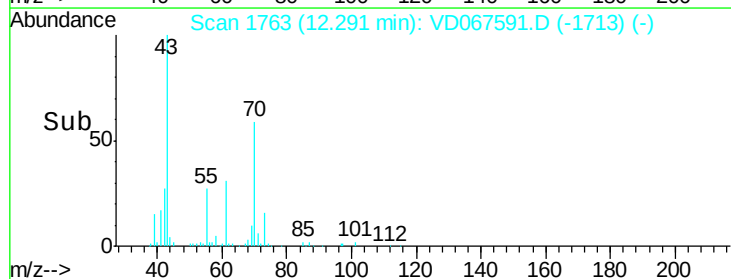
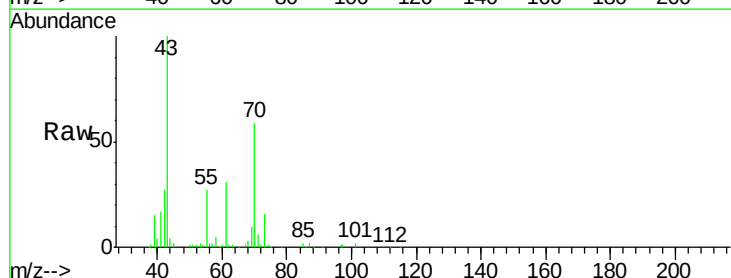
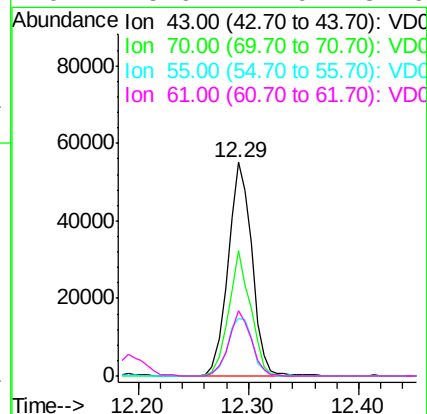
Ion Ratio Lower Upper

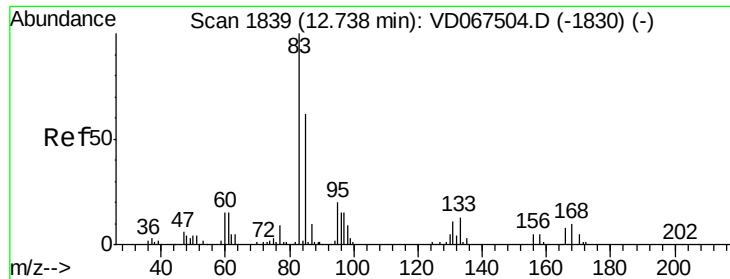
43 100

70 54.0 42.6 64.0

55 28.4 23.7 35.5

61 28.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.015 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

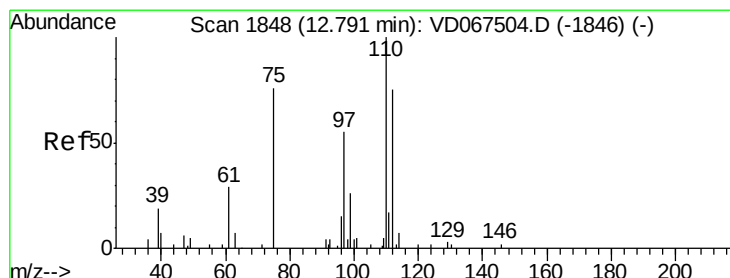
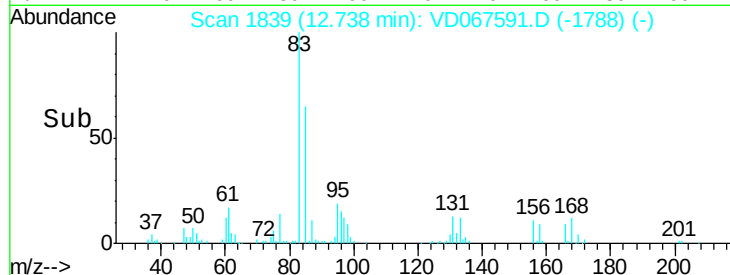
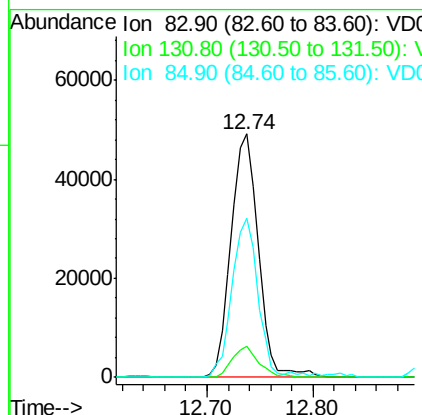
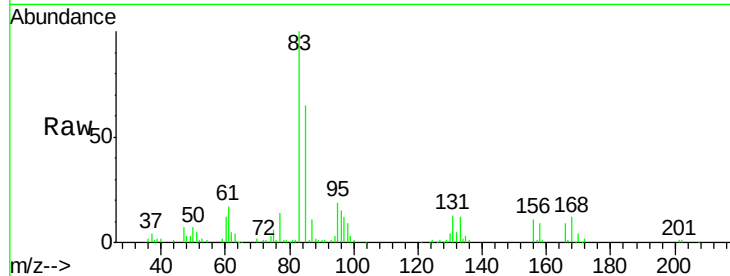
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 88321 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.4  | 7.1   | 21.3  |
| 85        | 60.9  | 32.9  | 98.7  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 45.024 ug/l m

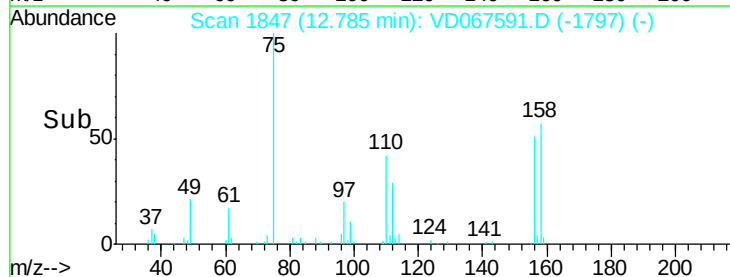
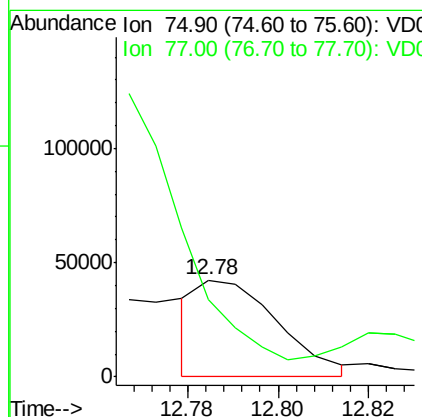
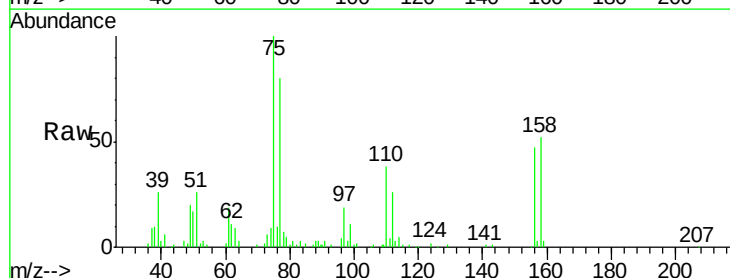
RT: 12.78 min Scan# 1847

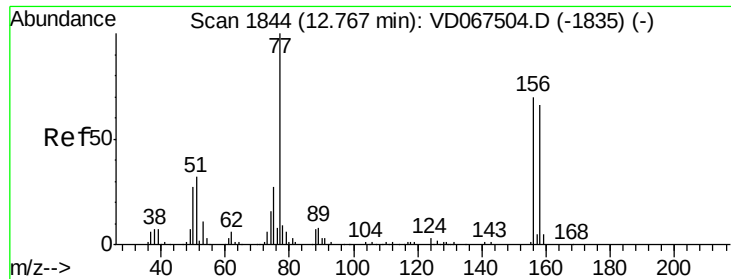
Delta R.T. -0.01 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 52332 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 52.027 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

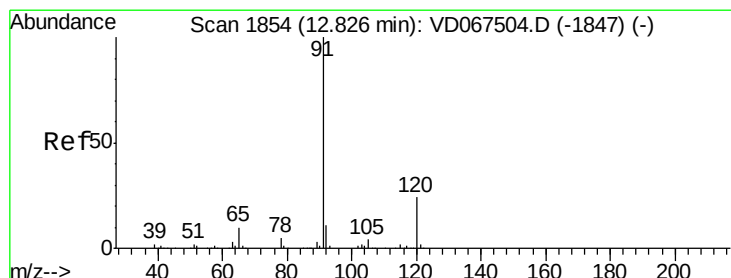
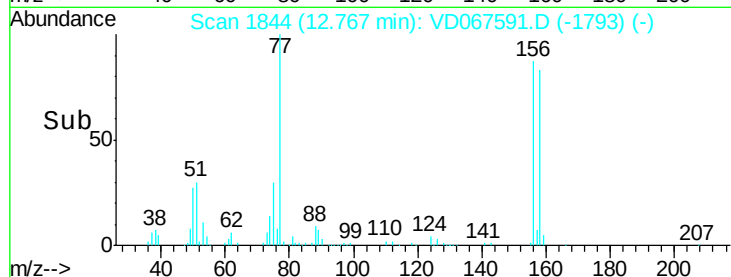
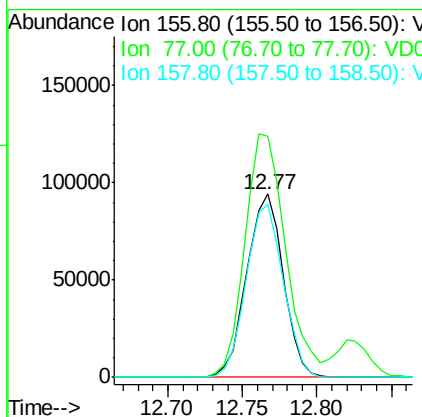
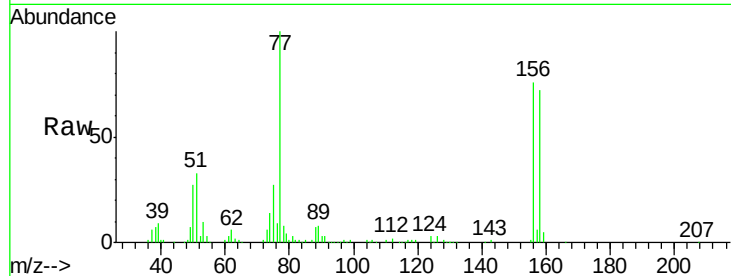
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 148.5 | 77.8  | 233.5 |
| 158     | 96.2  | 47.9  | 143.7 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 53.102 ug/l

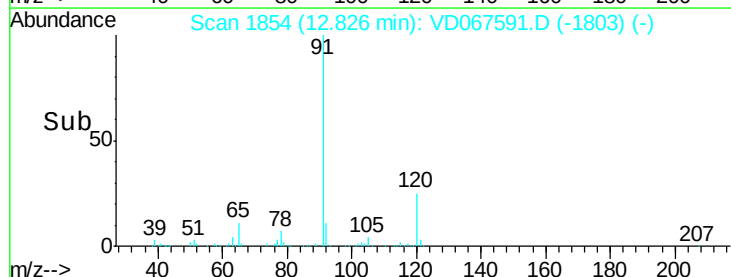
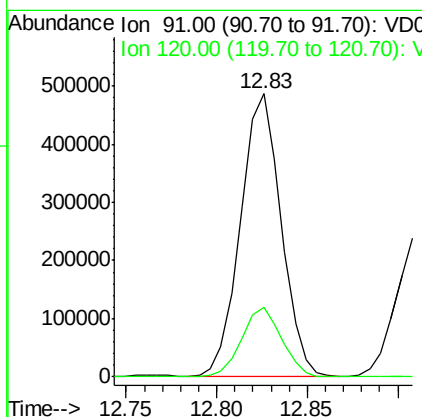
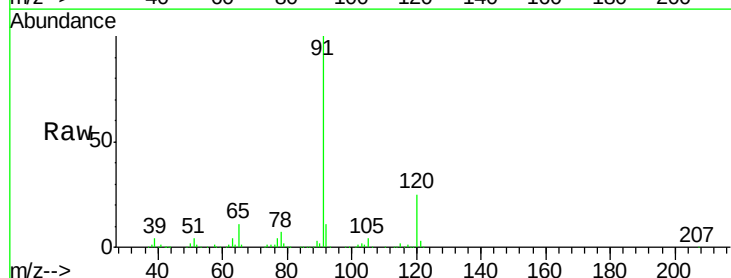
RT: 12.83 min Scan# 1854

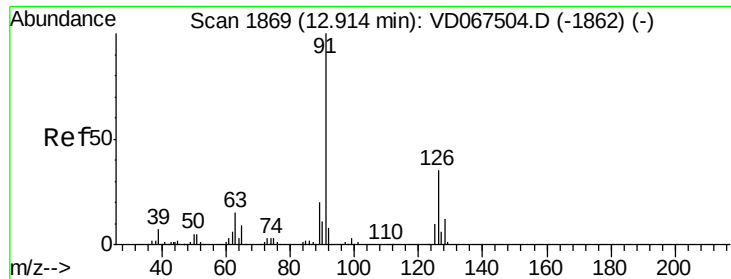
Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.2  | 12.2  | 36.4  |





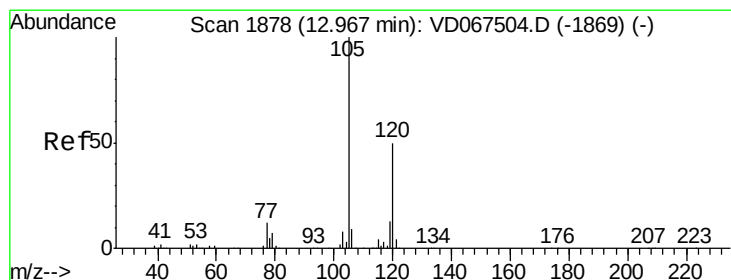
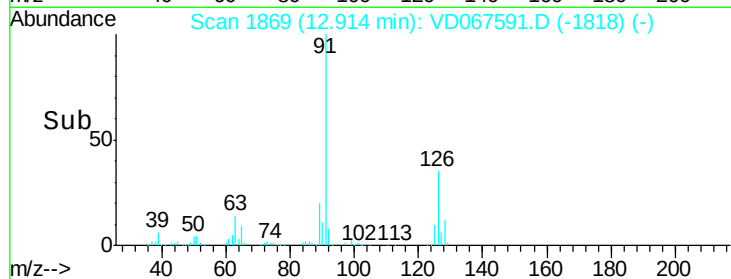
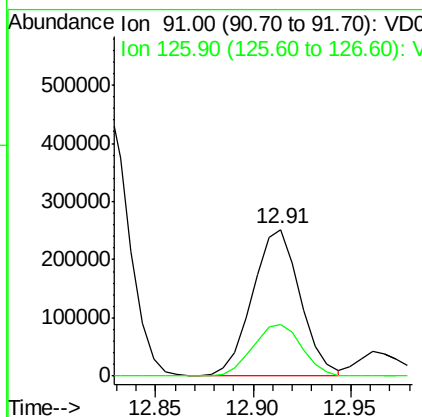
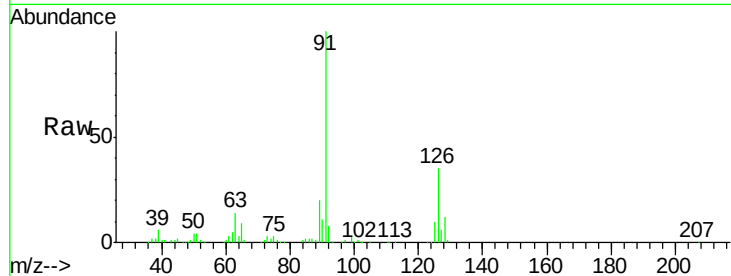
#79  
 2-Chlorotoluene  
 Concen: 52.777 ug/l  
 RT: 12.91 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 427001  
 Ion Ratio Lower Upper  
 91 100  
 126 36.1 17.8 53.4

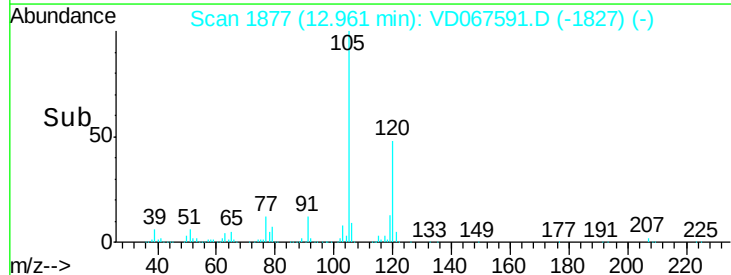
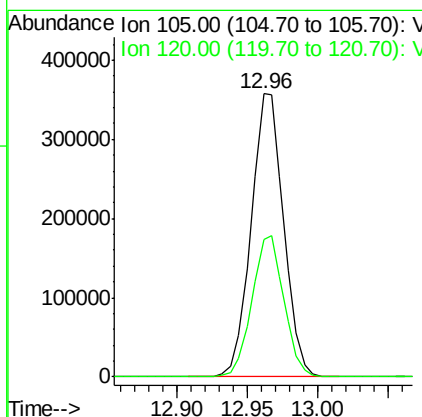
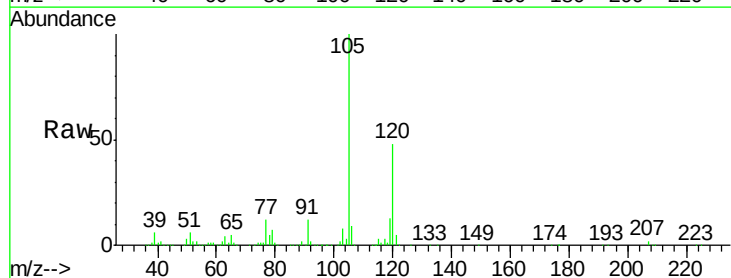
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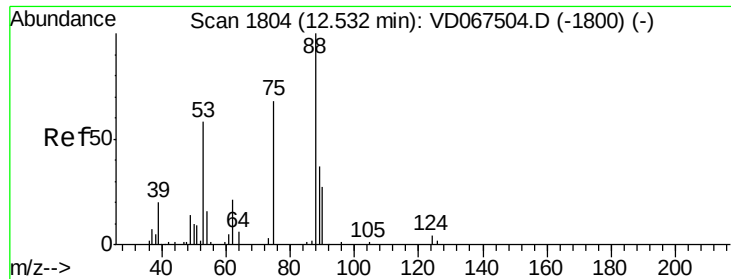
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 54.173 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Tgt Ion: 105 Resp: 576243  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.3 72.8





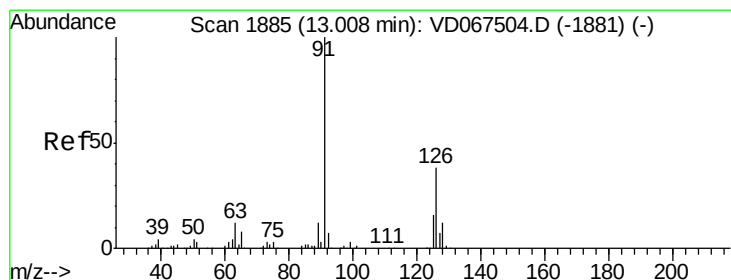
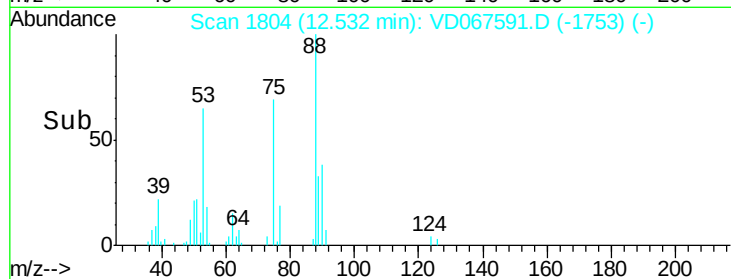
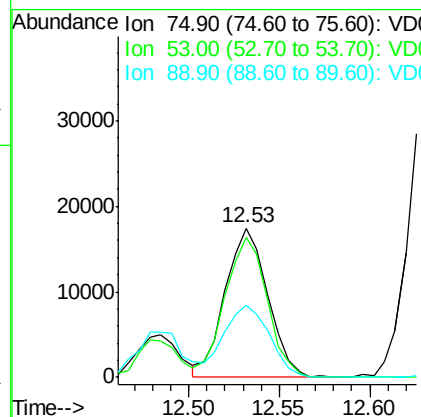
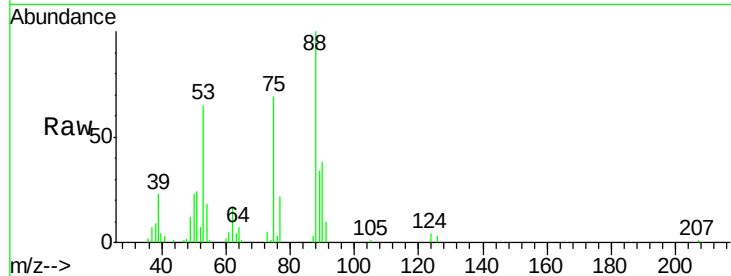
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.582 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 93.1  | 75.9  | 113.9 |
| 89      | 51.3  | 44.6  | 67.0  |

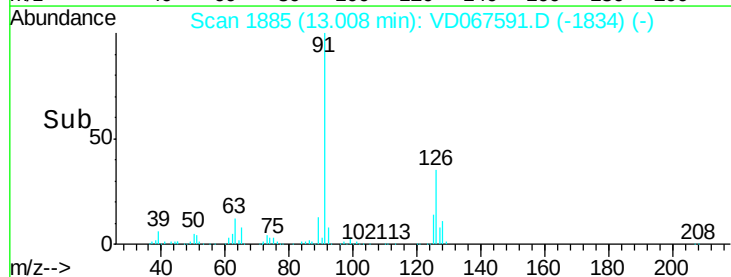
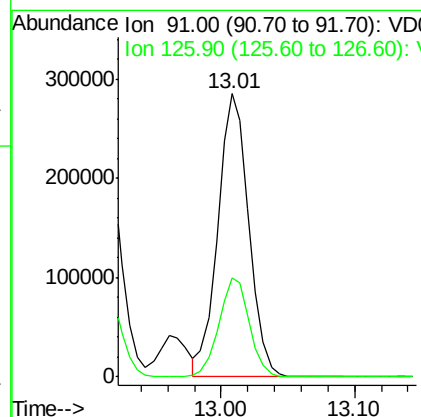
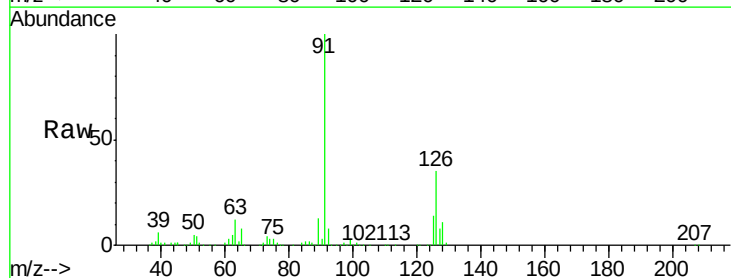
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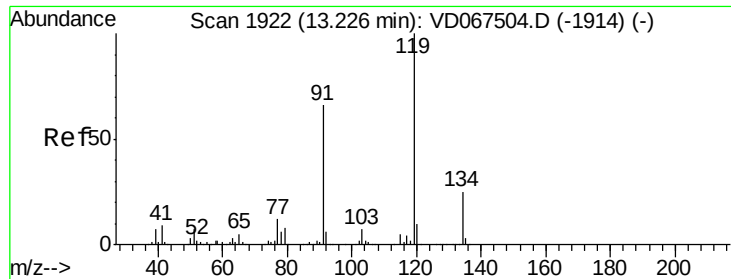
MMDadoda  
11/12/2020 1:11:35 PM



#82  
4-Chlorotoluene  
Concen: 53.135 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.5  | 17.9  | 53.7  |





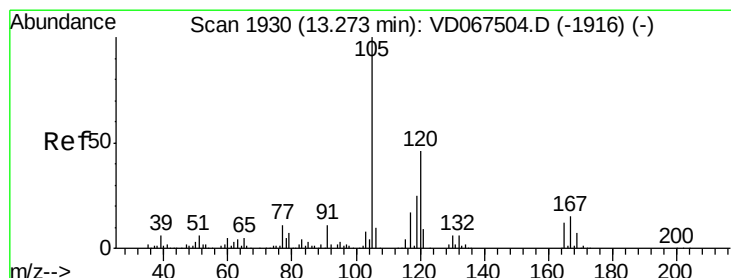
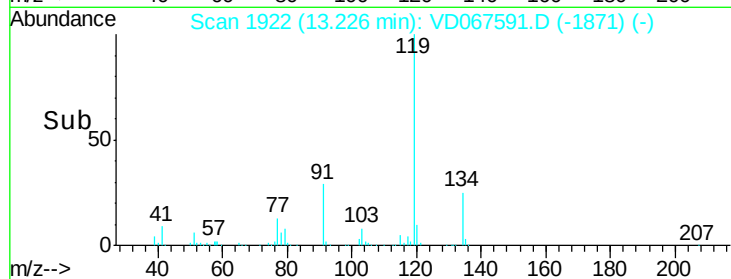
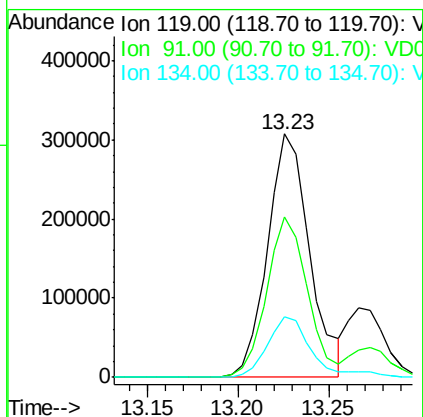
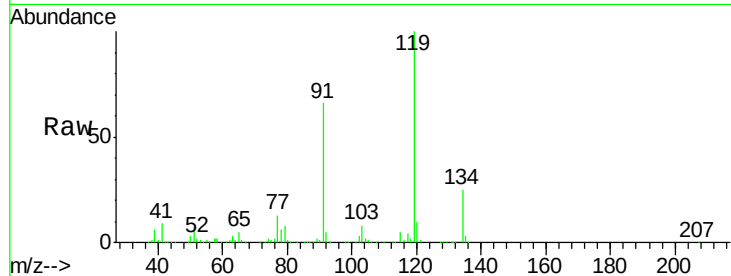
#83  
 tert-Butylbenzene  
 Concen: 55.318 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 498697 |       |       |
| 91      | 63.8  |        | 32.7  | 98.1  |
| 134     | 24.7  |        | 13.4  | 40.2  |

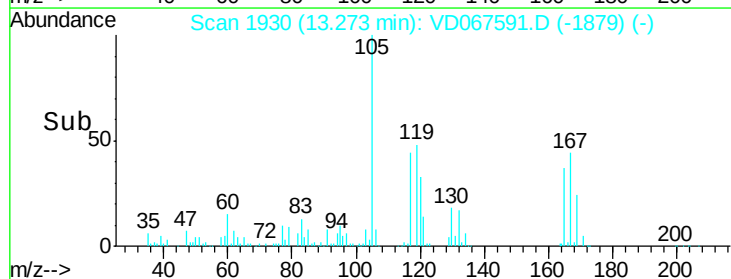
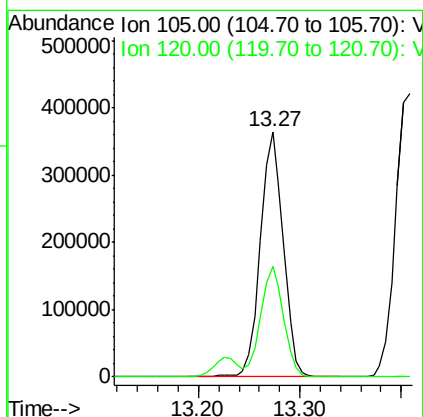
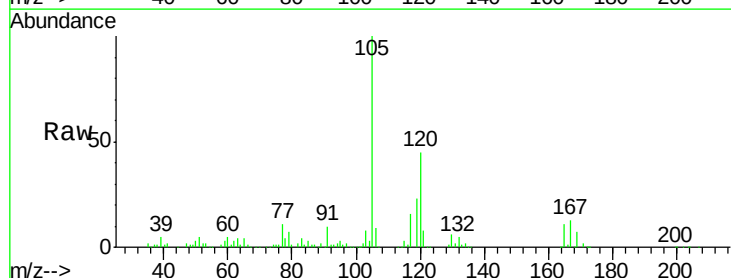
Manual Integrations  
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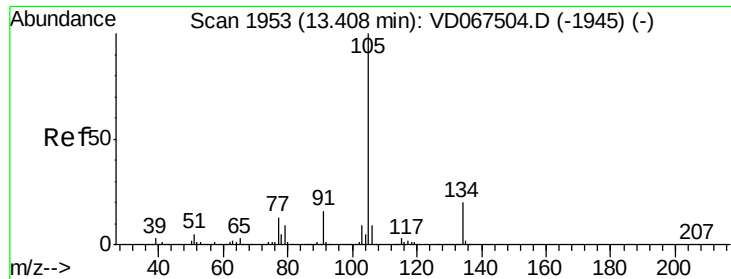
MMDadoda  
 11/12/2020 1:11:35 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.869 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 570379 |       |       |
| 120     | 45.0  |        | 22.1  | 66.1  |





#85

sec-Butylbenzene

Concen: 54.627 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 664804

Ion Ratio Lower Upper

105 100

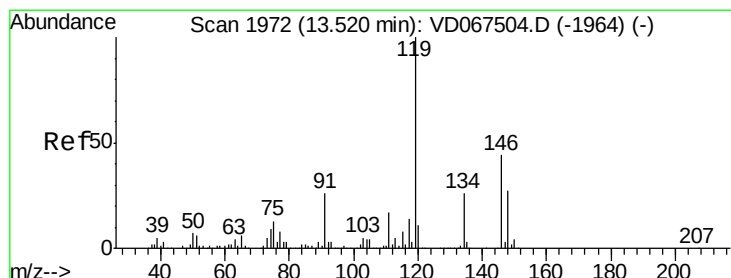
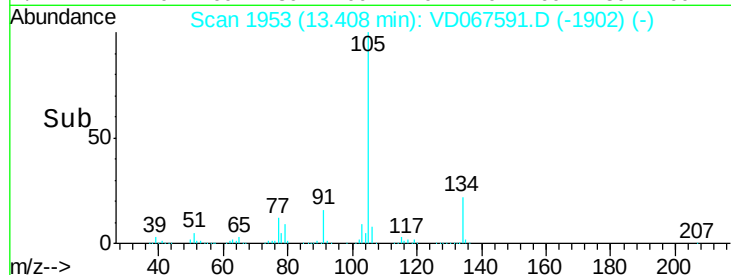
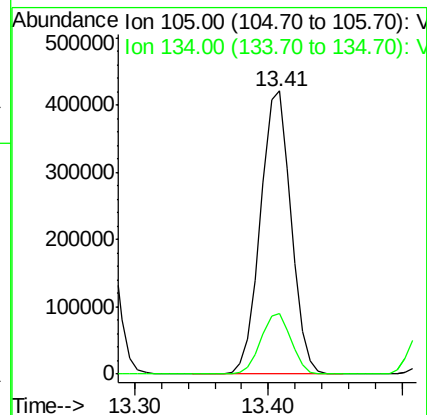
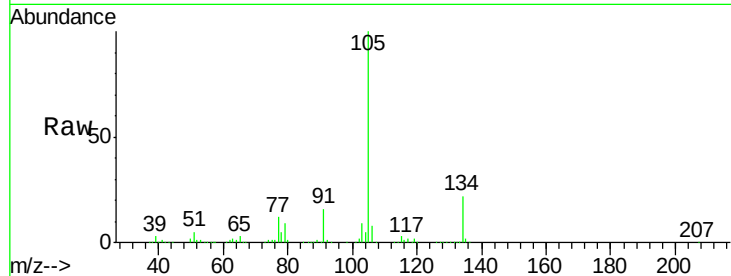
134 21.3 10.4 31.4

Manual Integrations

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11/12/2020 1:11:35 PM



#86

p-Isopropyltoluene

Concen: 53.918 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

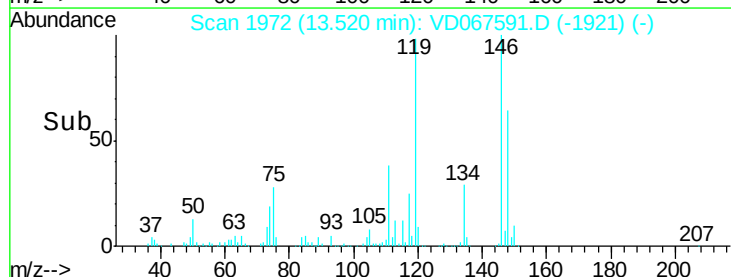
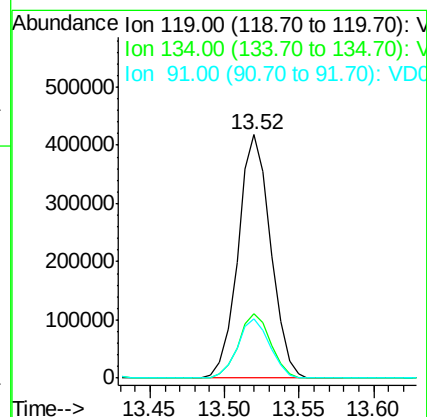
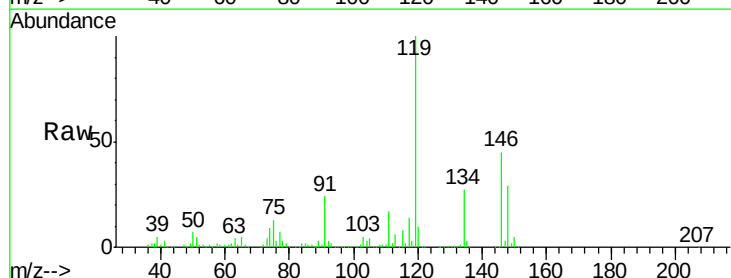
Tgt Ion:119 Resp: 633648

Ion Ratio Lower Upper

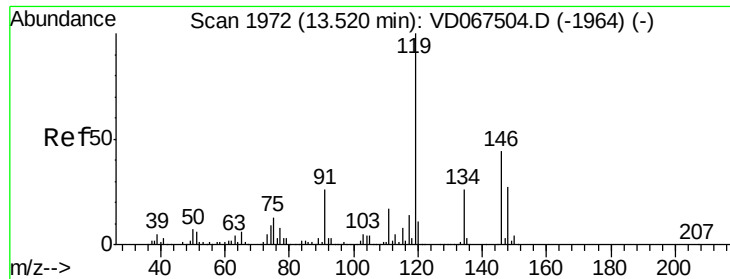
119 100

134 26.3 13.1 39.3

91 24.1 12.2 36.4







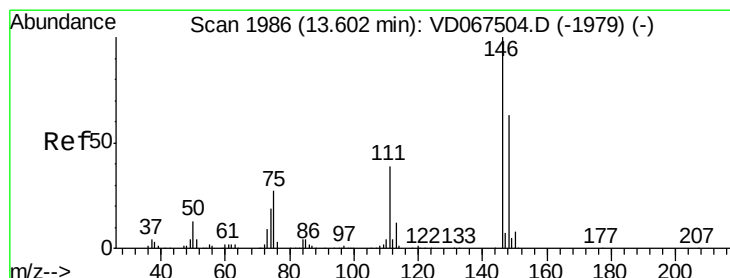
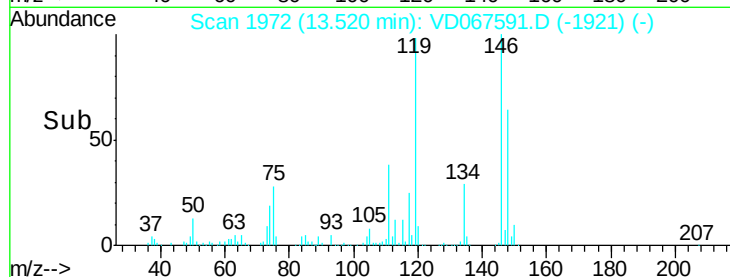
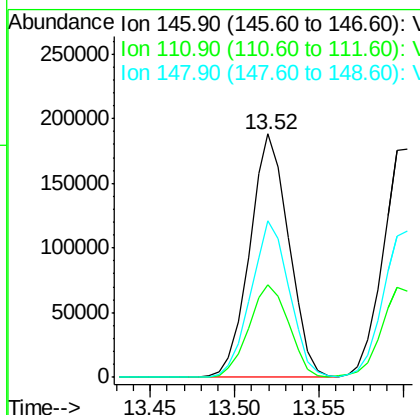
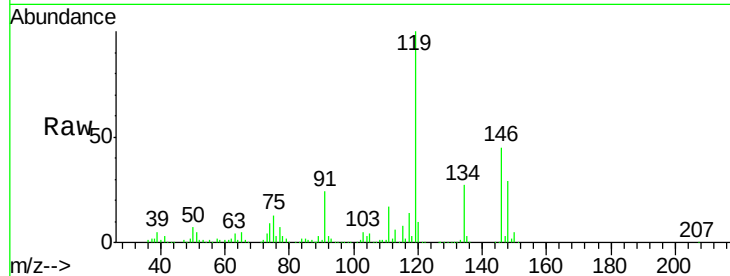
#87  
 1,3-Dichlorobenzene  
 Concen: 51.842 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 302508 |       |       |
| 111     | 39.0  | 20.3   | 60.8  |       |
| 148     | 63.5  | 31.9   | 95.9  |       |

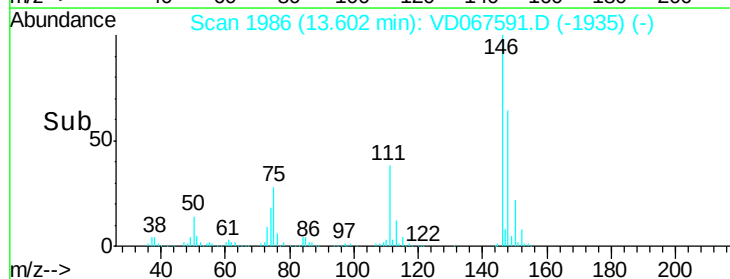
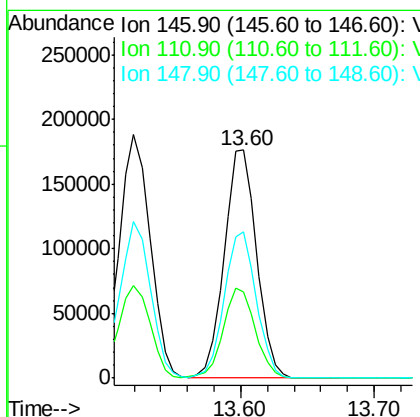
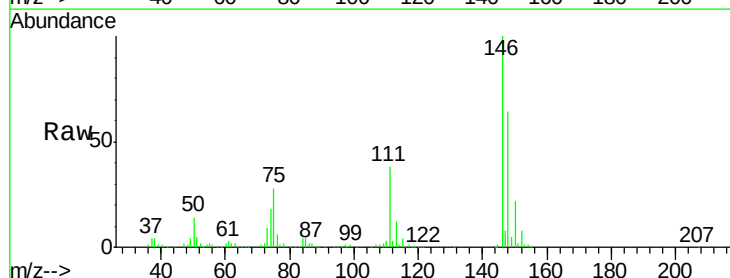
Manual Integrations  
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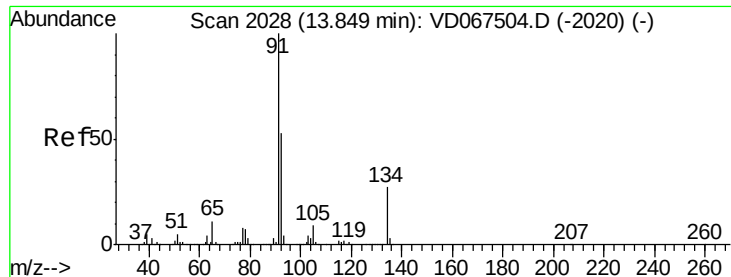
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.727 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 299726 |       |       |
| 111     | 39.2  | 19.6   | 58.7  |       |
| 148     | 63.3  | 31.8   | 95.4  |       |





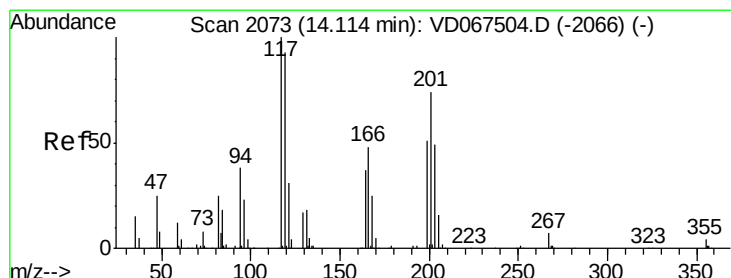
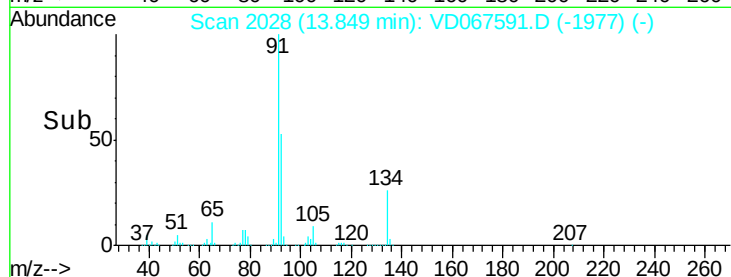
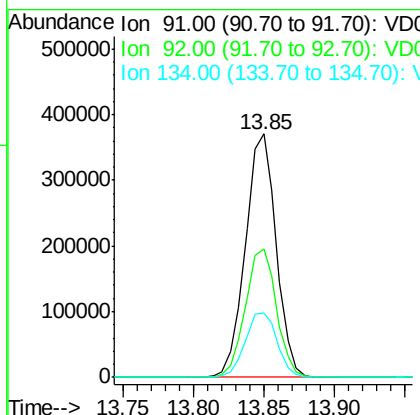
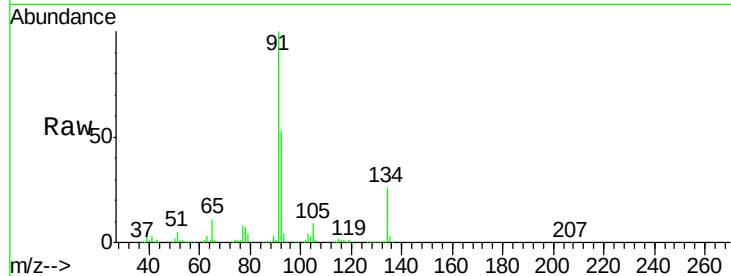
#89  
n-Butylbenzene  
Concen: 55.809 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.6  | 79.8  |
| 134     | 27.6  | 14.1  | 42.2  |

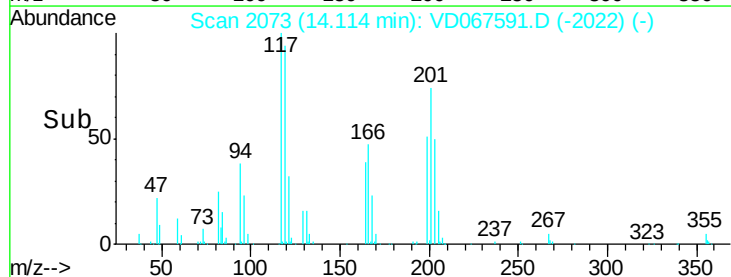
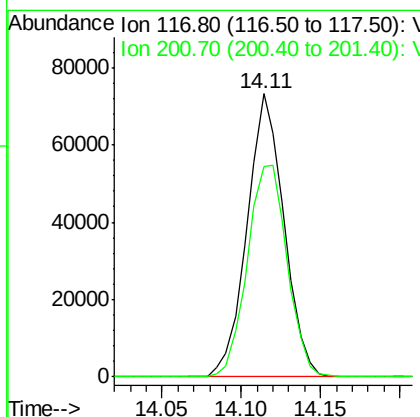
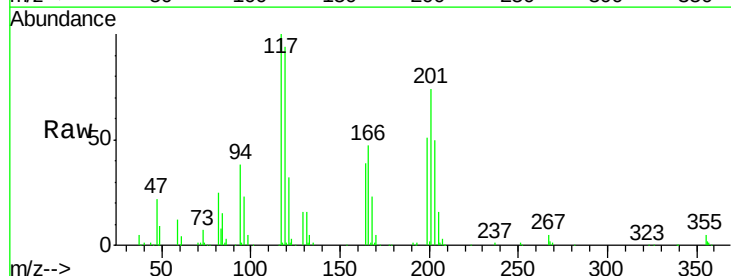
Manual Integrations  
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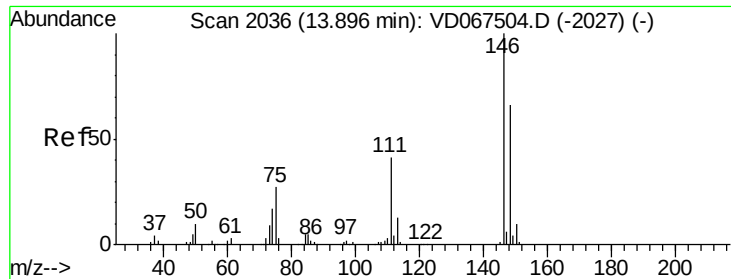
MMDadoda  
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#90  
Hexachloroethane  
Concen: 53.491 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067591.D  
Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.7  | 40.7  | 122.1 |





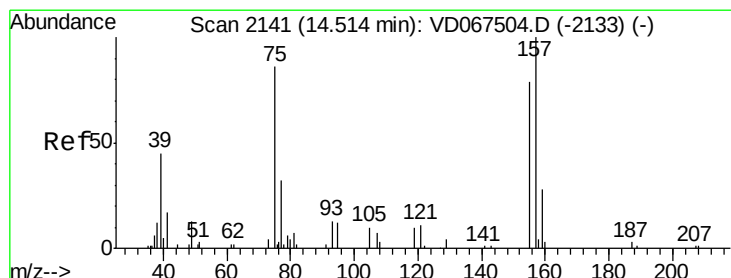
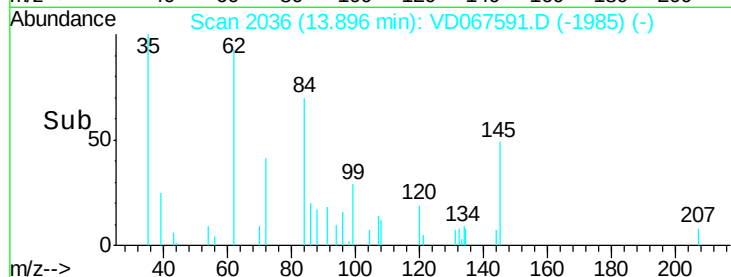
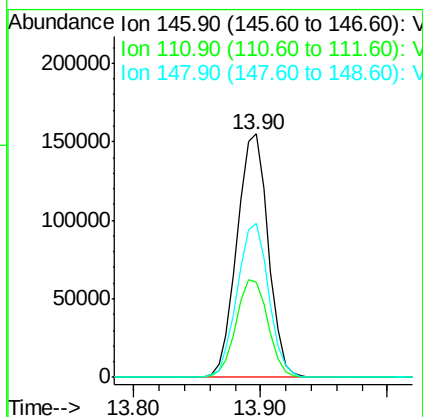
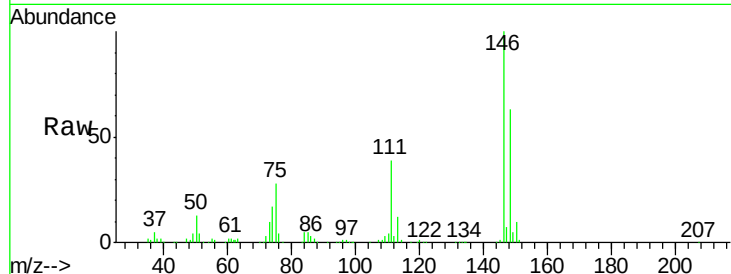
#91  
 1,2-Dichlorobenzene  
 Concen: 52.512 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.7  | 62.1  |
| 148     | 63.8  | 31.5  | 94.5  |

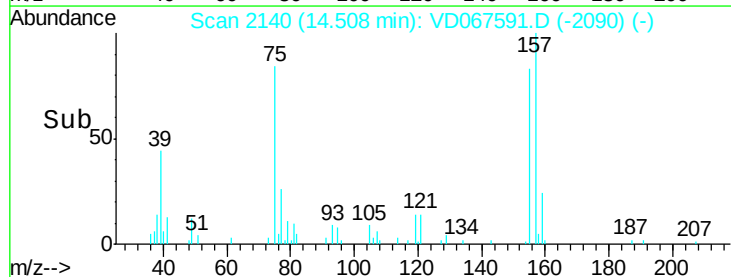
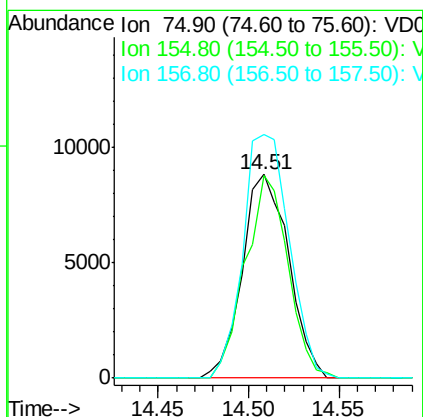
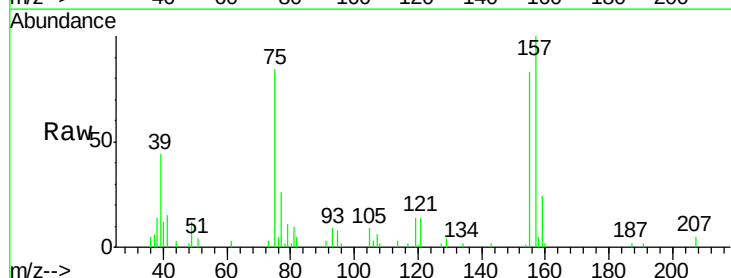
Manual Integrations  
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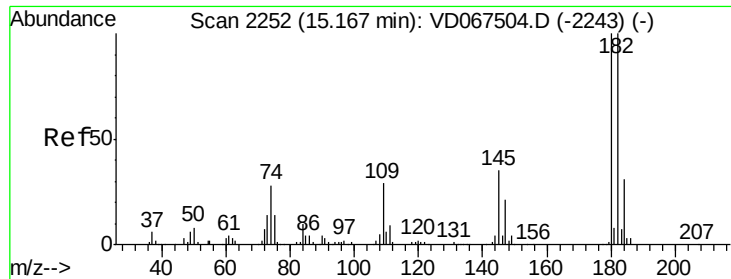
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.290 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.9  | 46.6  | 139.8 |
| 157     | 119.4 | 58.1  | 174.2 |





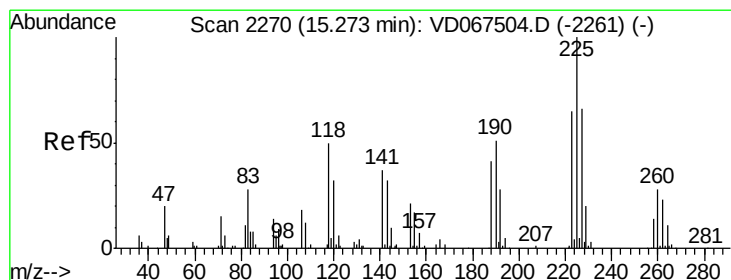
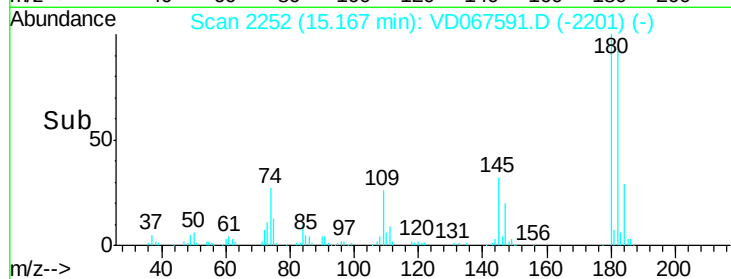
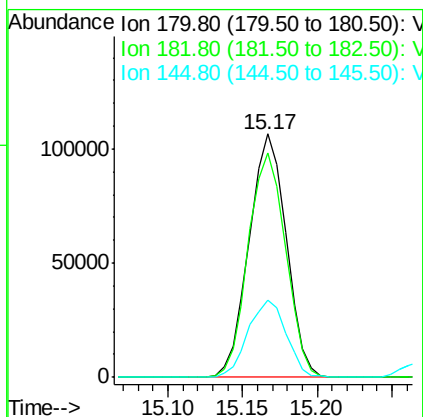
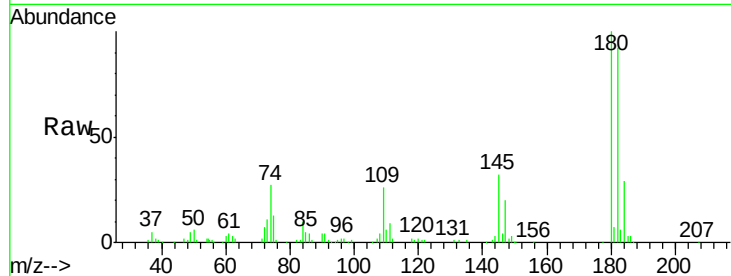
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.587 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 183678 |       |       |
| 182     | 93.3  | 47.4   | 142.3 |       |
| 145     | 32.7  | 16.2   | 48.6  |       |

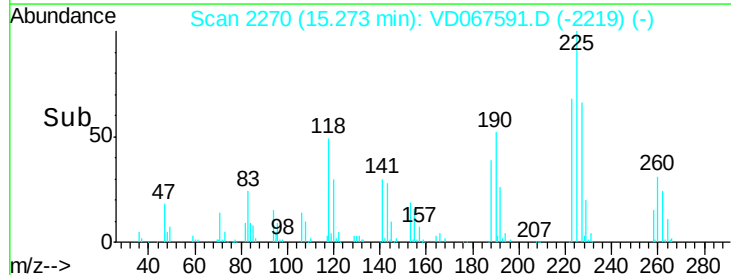
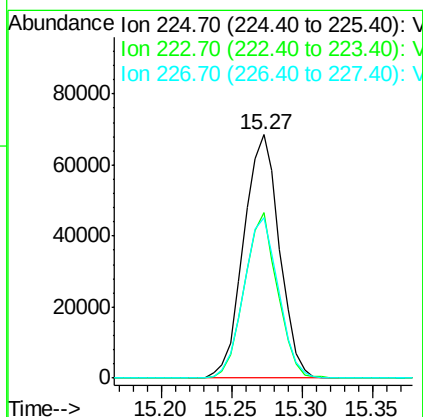
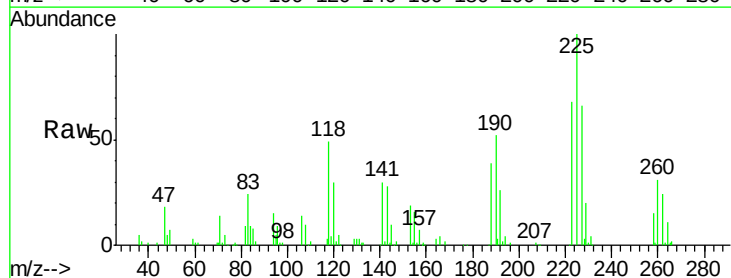
Manual Integrations  
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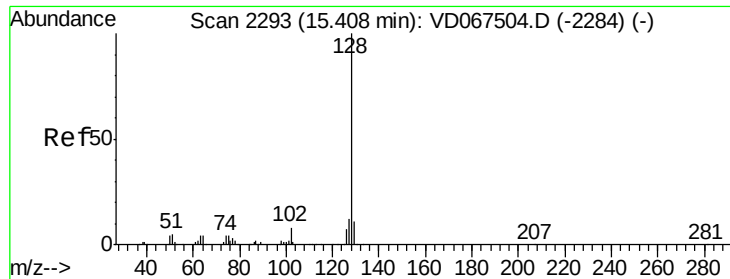
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#94  
 Hexachlorobutadiene  
 Concen: 52.919 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD067591.D  
 Acq: 11 Nov 2020 09:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 121397 |       |       |
| 223     | 63.2  | 31.9   | 95.5  |       |
| 227     | 64.2  | 32.5   | 97.4  |       |





#95

Naphthalene

Concen: 54.671 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

Instrument :

MSVOA\_D

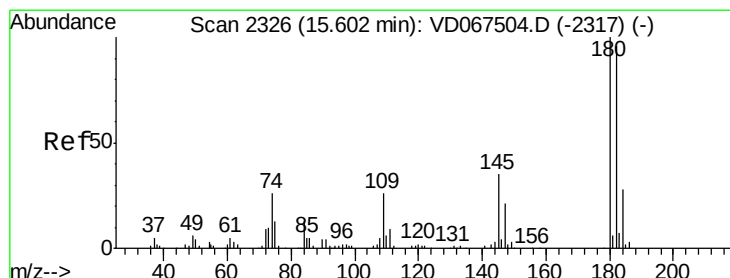
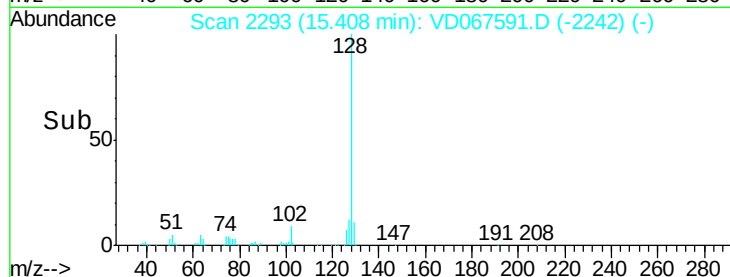
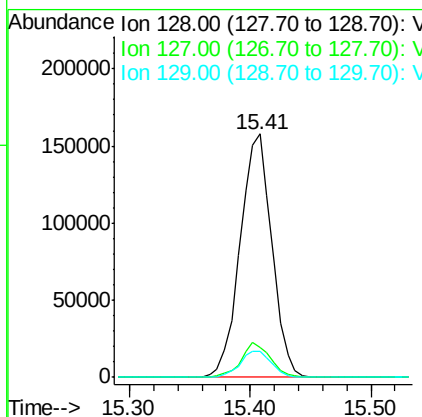
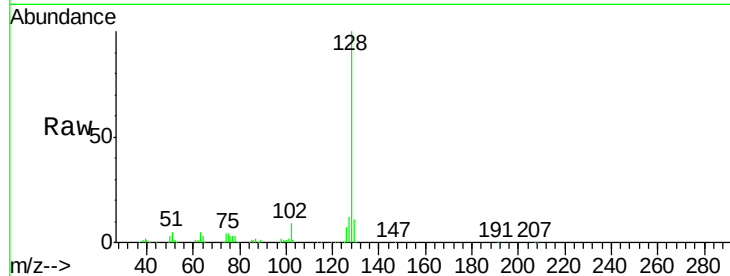
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 289192 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 13.1 | 10.2  | 15.4   |
| 129       | 10.7 | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 52.581 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD067591.D

Acq: 11 Nov 2020 09:52

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 154336 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 94.4 | 46.9  | 140.8  |
| 145       | 32.8 | 17.1  | 51.2   |

