

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\  
 Data File : VF062896.D  
 Acq On : 7 Jun 2019 13:28  
 Operator : FY/SY  
 Sample : VF0607SBS01  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0607SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2019 12:25:34 PM

Quant Time: Jun 08 00:52:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F053019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 31 04:18:30 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 5.07  | 168  | 775189   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 5.79  | 114  | 1304849  | 50.00   | ug/l    | -0.02    |
| 63) Chlorobenzene-d5          | 9.92  | 117  | 1037946  | 50.00   | ug/l    | -0.02    |
| 72) 1,4-Dichlorobenzene-d4    | 12.62 | 152  | 519901   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.05  | 65   | 262284   | 48.93   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 97.86%  |          |
| 35) Dibromofluoromethane      | 4.32  | 113  | 488394   | 49.53   | ug/l    | -0.02    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.06%  |          |
| 50) Toluene-d8                | 7.72  | 98   | 1204804  | 48.32   | ug/l    | -0.02    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 96.64%  |          |
| 62) 4-Bromofluorobenzene      | 11.50 | 95   | 469948   | 52.40   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 104.80% |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.01  | 85   | 221305   | 22.897  | ug/l    | 95       |
| 3) Chloromethane              | 1.15  | 50   | 197537   | 24.628  | ug/l    | 91       |
| 4) Vinyl Chloride             | 1.19  | 62   | 184901   | 23.198  | ug/l    | 96       |
| 5) Bromomethane               | 1.40  | 94   | 96192    | 21.161  | ug/l    | 90       |
| 6) Chloroethane               | 1.45  | 64   | 59894    | 20.098  | ug/l    | 96       |
| 7) Trichlorofluoromethane     | 1.57  | 101  | 272259m  | 24.128  | ug/l    |          |
| 8) Diethyl Ether              | 1.71  | 74   | 49736    | 22.403  | ug/l    | 87       |
| 9) 1,1,2-Trichlorotrifluoroet | 1.92  | 101  | 146682   | 20.676  | ug/l    | 95       |
| 10) Methyl Iodide             | 1.99  | 142  | 312691   | 21.983  | ug/l    | 96       |
| 11) Tert butyl alcohol        | 2.71  | 59   | 38195    | 117.620 | ug/l #  | 94       |
| 12) 1,1-Dichloroethene        | 1.88  | 96   | 138236   | 21.459  | ug/l    | 92       |
| 13) Acrolein                  | 2.11  | 56   | 12416m   | 90.487  | ug/l    |          |
| 14) Allyl chloride            | 2.21  | 41   | 114928   | 22.997  | ug/l #  | 87       |
| 15) Acrylonitrile             | 3.09  | 53   | 104861   | 85.937  | ug/l #  | 90       |
| 16) Acetone                   | 2.36  | 43   | 130446   | 106.322 | ug/l    | 95       |
| 17) Carbon Disulfide          | 1.93  | 76   | 399489   | 21.218  | ug/l    | 99       |
| 18) Methyl Acetate            | 2.46  | 43   | 50853    | 23.719  | ug/l #  | 86       |
| 19) Methyl tert-butyl Ether   | 2.55  | 73   | 262148   | 22.462  | ug/l    | 98       |
| 20) Methylene Chloride        | 2.36  | 84   | 168930m  | 26.067  | ug/l    |          |
| 21) trans-1,2-Dichloroethene  | 2.42  | 96   | 138837   | 21.495  | ug/l    | 91       |
| 22) Diisopropyl ether         | 2.95  | 45   | 326333   | 22.984  | ug/l    | 92       |
| 23) Vinyl Acetate             | 3.35  | 43   | 1167116  | 120.069 | ug/l    | 99       |
| 24) 1,1-Dichloroethane        | 3.02  | 63   | 245433   | 23.151  | ug/l    | 98       |
| 25) 2-Butanone                | 4.53  | 43   | 307080   | 107.477 | ug/l    | 100      |
| 26) 2,2-Dichloropropane       | 3.78  | 77   | 151891   | 25.234  | ug/l    | 91       |
| 27) cis-1,2-Dichloroethene    | 3.66  | 96   | 248590   | 22.897  | ug/l    | 91       |
| 28) Bromochloromethane        | 3.91  | 49   | 125003   | 21.677  | ug/l    | 91       |
| 29) Tetrahydrofuran           | 4.28  | 42   | 128782   | 117.848 | ug/l    | 98       |
| 30) Chloroform                | 4.06  | 83   | 343628   | 22.999  | ug/l    | 98       |
| 31) Cyclohexane               | 3.88  | 56   | 295836   | 20.612  | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane     | 4.30  | 97   | 224875   | 25.850  | ug/l    | 97       |
| 36) 1,1-Dichloropropene       | 4.48  | 75   | 272470   | 22.683  | ug/l    | 97       |
| 37) Ethyl Acetate             | 4.32  | 43   | 107724   | 23.460  | ug/l    | 95       |
| 38) Carbon Tetrachloride      | 4.19  | 117  | 185865   | 22.894  | ug/l    | 93       |

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 Acq On : 7 Jun 2019 13:28  
 Operator : FY/SY  
 Sample : VF0607SBS01  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0607SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2019 12:25:34 PM

Quant Time: Jun 08 00:52:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F053019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 31 04:18:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.65  | 83   | 320039   | 21.407  | ug/l   | 98       |
| 40) Benzene                    | 4.83  | 78   | 784626   | 22.443  | ug/l   | 95       |
| 41) Methacrylonitrile          | 4.95  | 41   | 57386    | 22.480  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 5.14  | 62   | 150722   | 22.668  | ug/l   | 90       |
| 43) Isopropyl Acetate          | 7.13  | 43   | 129931   | 21.420  | ug/l # | 99       |
| 44) Trichloroethene            | 5.69  | 130  | 213554   | 21.644  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.42  | 63   | 202229   | 23.051  | ug/l   | 98       |
| 46) Dibromomethane             | 6.27  | 93   | 118726   | 23.179  | ug/l   | 91       |
| 47) Bromodichloromethane       | 6.56  | 83   | 229225   | 21.974  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.88  | 41   | 68645    | 21.958  | ug/l   | 85       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 18085    | 438.888 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 544539   | 125.739 | ug/l   | 94       |
| 52) Toluene                    | 7.79  | 92   | 414517   | 22.014  | ug/l   | 87       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 215916   | 24.978  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 7.46  | 75   | 266534   | 21.301  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 127236   | 22.618  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 8.76  | 69   | 134208   | 22.235  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 224518   | 24.440  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.46  | 63   | 220238   | 104.403 | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.63  | 43   | 400023   | 129.592 | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.87  | 129  | 154043   | 22.118  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 138563   | 23.717  | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.31  | 164  | 175434   | 21.995  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.94  | 112  | 462072   | 23.052  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 175226   | 21.950  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.03 | 91   | 803487   | 23.359  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.26 | 106  | 584897   | 44.437  | ug/l   | 83       |
| 69) o-Xylene                   | 10.82 | 106  | 286030   | 21.463  | ug/l   | 96       |
| 70) Styrene                    | 10.89 | 104  | 435077   | 22.150  | ug/l   | 97       |
| 71) Bromoform                  | 10.88 | 173  | 81544    | 21.294  | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.22 | 105  | 791629   | 21.822  | ug/l   | 94       |
| 74) N-amyl acetate             | 11.45 | 43   | 215984   | 21.125  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 177843   | 22.957  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 112951   | 21.996  | ug/l   | 92       |
| 77) Bromobenzene               | 11.58 | 156  | 190032   | 20.849  | ug/l   | 84       |
| 78) n-propylbenzene            | 11.67 | 91   | 1002743  | 22.893  | ug/l   | 89       |
| 79) 2-Chlorotoluene            | 11.80 | 91   | 544482   | 21.725  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 646641   | 21.797  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75   | 48545m   | 22.329  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 551119   | 22.375  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.20 | 119  | 648663   | 22.066  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 12.27 | 105  | 628977   | 22.361  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.37 | 105  | 872869   | 22.535  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.52 | 119  | 719515   | 22.317  | ug/l   | 92       |
| 87) 1,3-Dichlorobenzene        | 12.54 | 146  | 353153   | 21.969  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 322801   | 21.517  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.90 | 91   | 751296   | 23.165  | ug/l   | 91       |
| 90) Hexachloroethane           | 12.98 | 117  | 168911   | 21.480  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.00 | 146  | 297183   | 21.033  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.69 | 75   | 18845    | 22.328  | ug/l   | 85       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\  
Data File : VF062896.D  
Acq On : 7 Jun 2019 13:28  
Operator : FY/SY  
Sample : VF0607SBS01  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Manual Integrations  
APPROVED

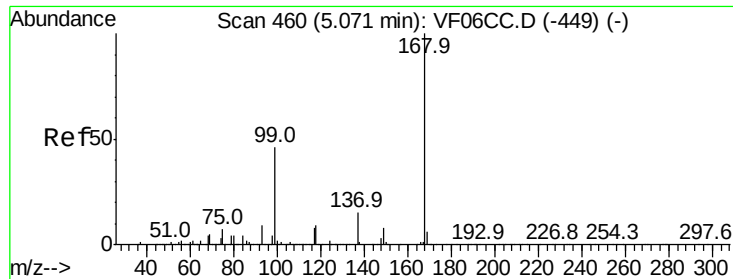
MMDadoda  
6/10/2019 12:25:34 PM

Quant Time: Jun 08 00:52:45 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F053019S.M  
Quant Title : SW846 8260  
QLast Update : Fri May 31 04:18:30 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.24 | 180  | 211621   | 21.814 | ug/l  | 92       |
| 94) Hexachlorobutadiene    | 14.23 | 225  | 135429   | 20.179 | ug/l  | 99       |
| 95) Naphthalene            | 14.50 | 128  | 318681   | 20.051 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.64 | 180  | 182288   | 20.585 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion:168 Resp: 775189

Ion Ratio Lower Upper

168 100

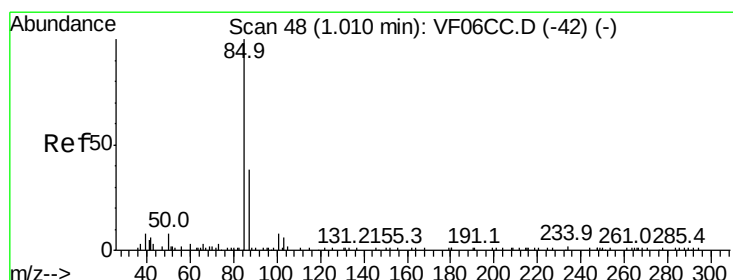
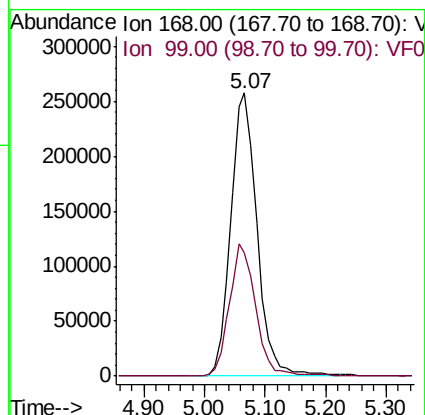
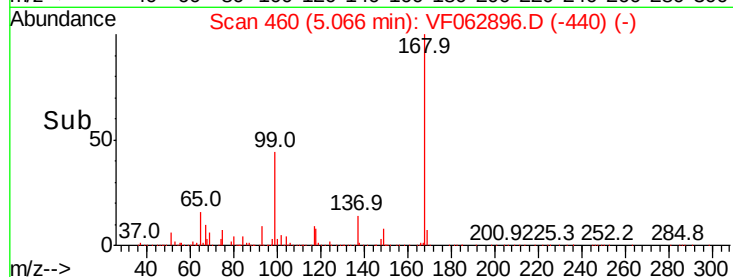
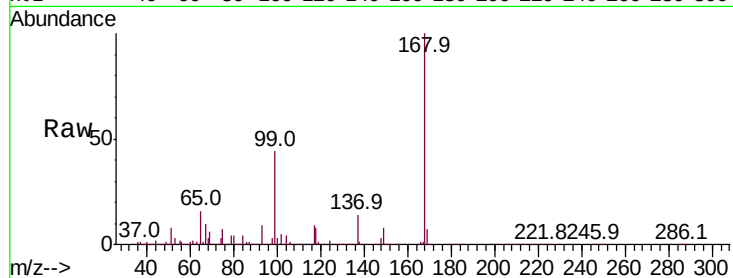
99 43.7 39.1 58.7

Manual Integrations

APPROVED

MMDadoda

6/10/2019 12:25:34 PM



#2

Dichlorodifluoromethane

Concen: 22.897 ug/l

RT: 1.01 min Scan# 49

Delta R.T. 0.00 min

Lab File: VF062896.D

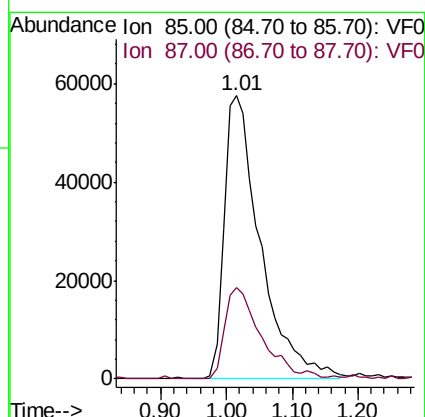
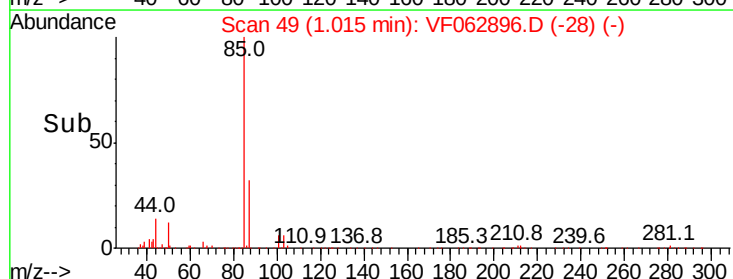
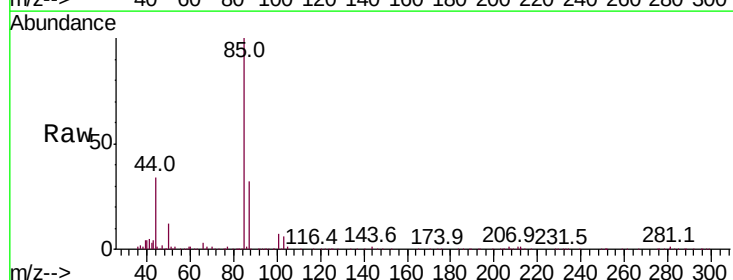
Acq: 7 Jun 2019 13:28

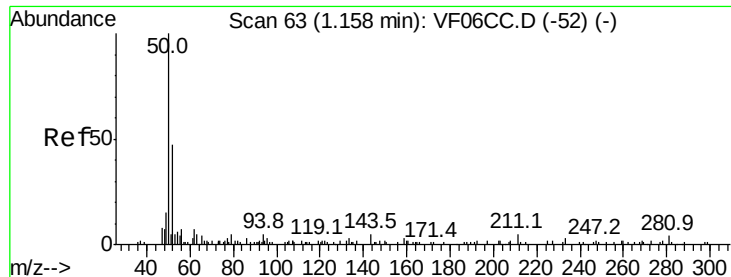
Tgt Ion: 85 Resp: 221305

Ion Ratio Lower Upper

85 100

87 32.2 17.6 52.9





#3

Chloromethane

Concen: 24.628 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion: 50 Resp: 197537

Ion Ratio Lower Upper

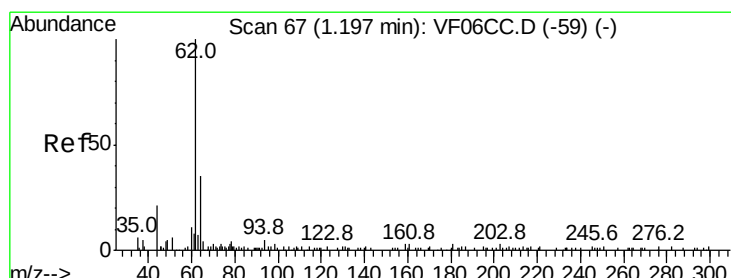
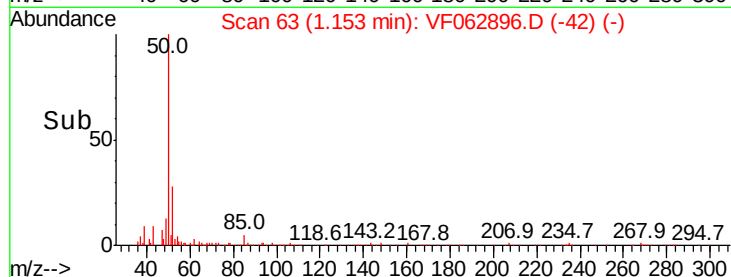
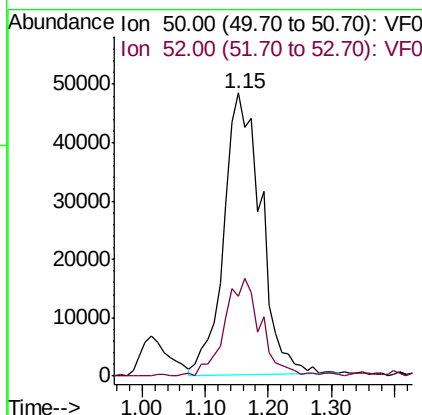
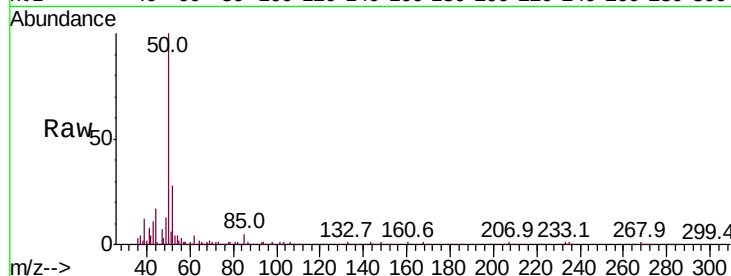
50 100

52 28.3 27.0 40.4

Manual Integrations  
APPROVED

MMDadoda

6/10/2019 12:25:34 PM



#4

Vinyl Chloride

Concen: 23.198 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062896.D

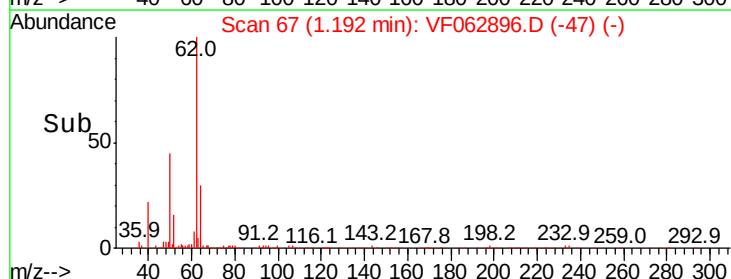
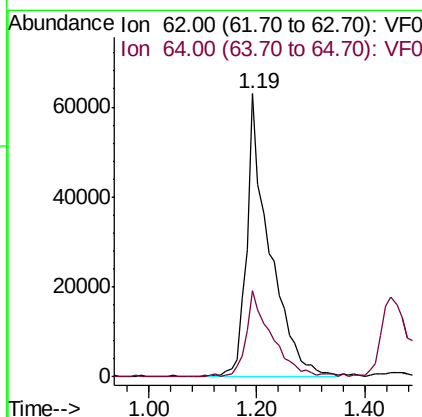
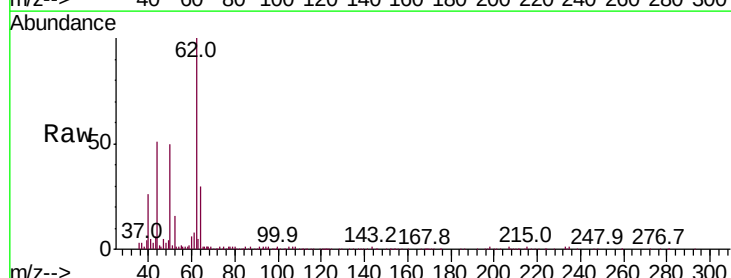
Acq: 7 Jun 2019 13:28

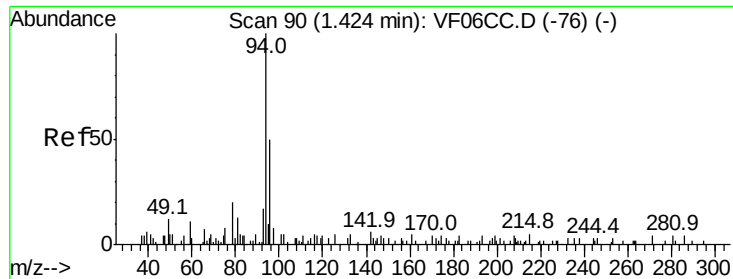
Tgt Ion: 62 Resp: 184901

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.2





#5

Bromomethane

Concen: 21.161 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion: 94 Resp: 96192

Ion Ratio Lower Upper

94 100

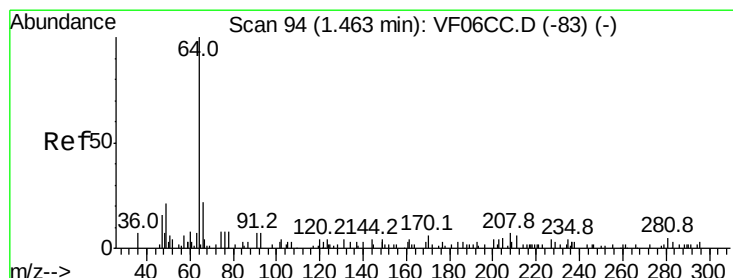
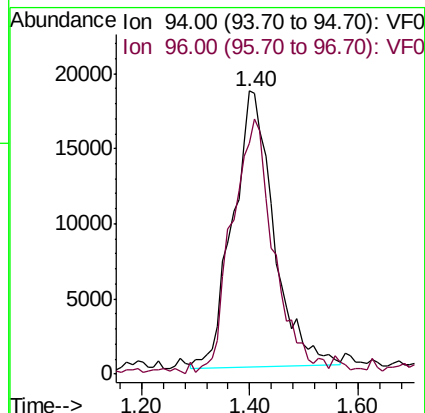
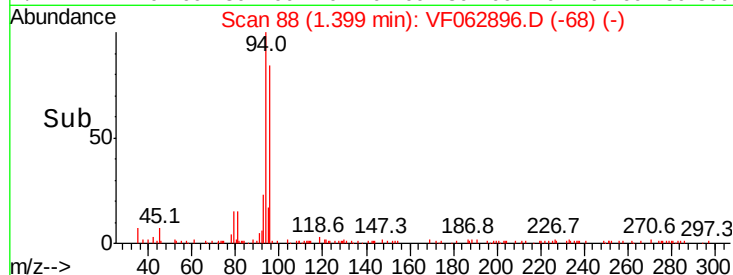
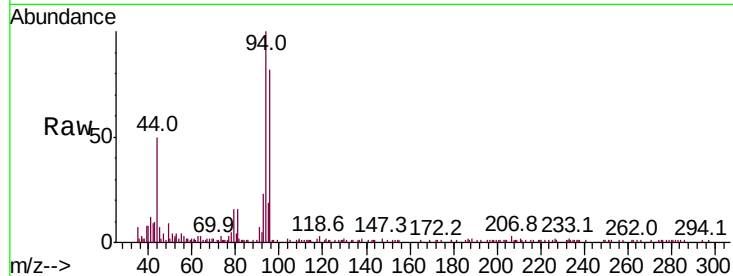
96 82.5 73.8 110.6

Manual Integrations

APPROVED

MMDadoda

6/10/2019 12:25:34 PM



#6

Chloroethane

Concen: 20.098 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062896.D

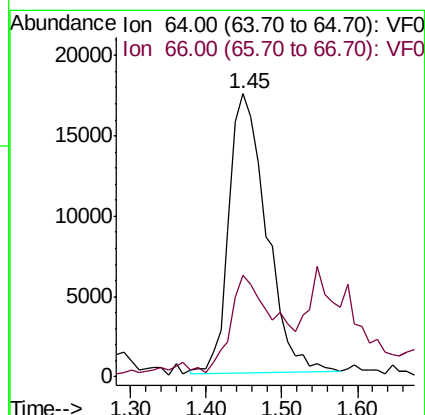
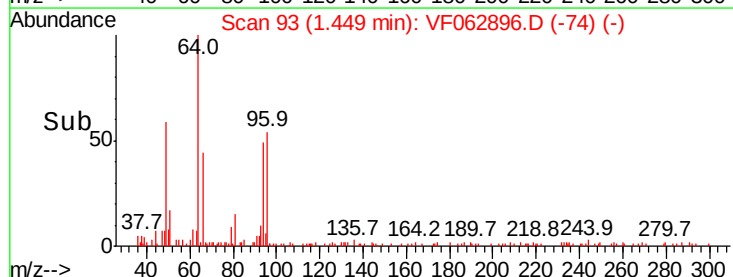
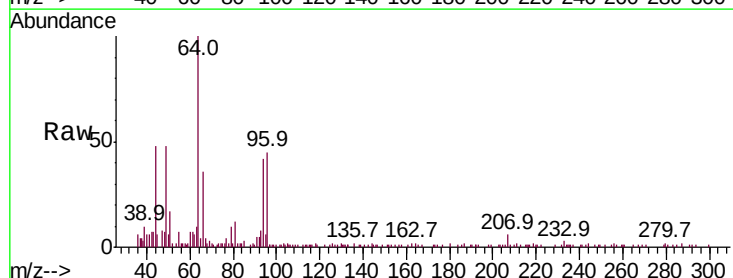
Acq: 7 Jun 2019 13:28

Tgt Ion: 64 Resp: 59894

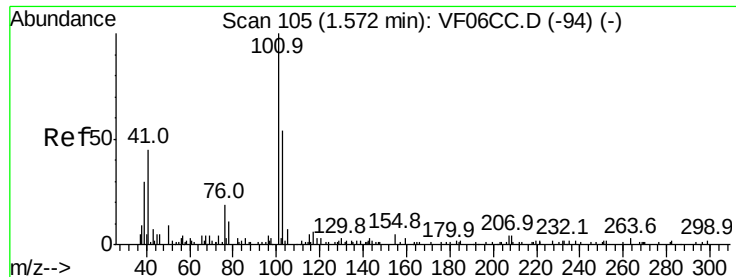
Ion Ratio Lower Upper

64 100

66 36.0 31.0 46.4







#7

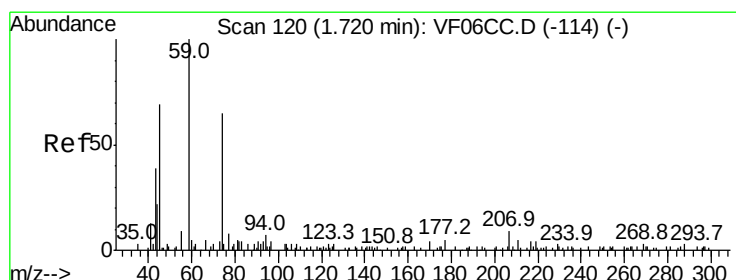
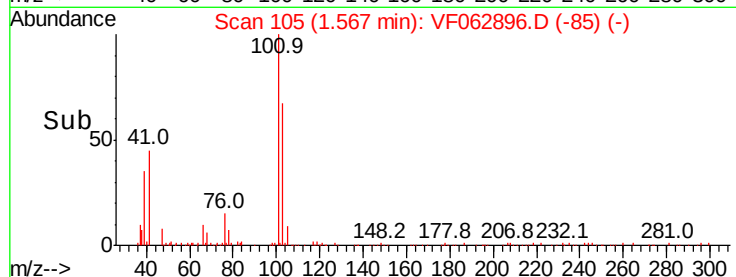
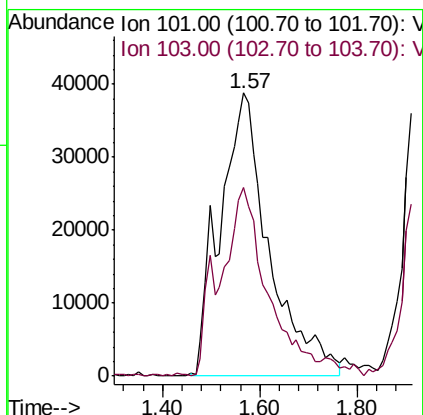
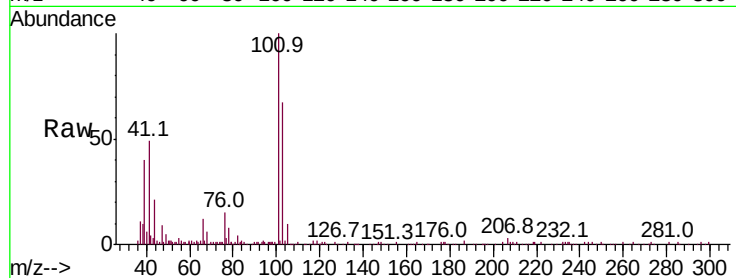
Trichlorofluoromethane  
Concen: 24.128 ug/l m  
RT: 1.57 min Scan# 105  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion:101 Resp: 272259  
Ion Ratio Lower Upper  
101 100  
103 66.6 54.6 82.0

Manual Integrations  
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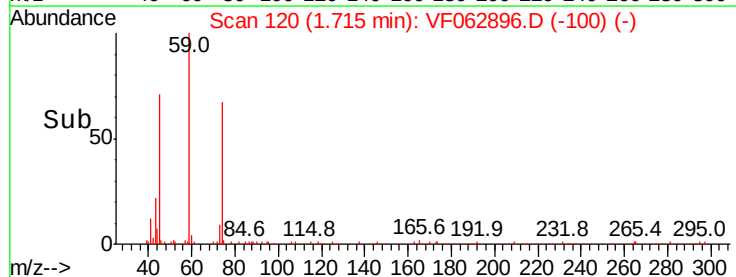
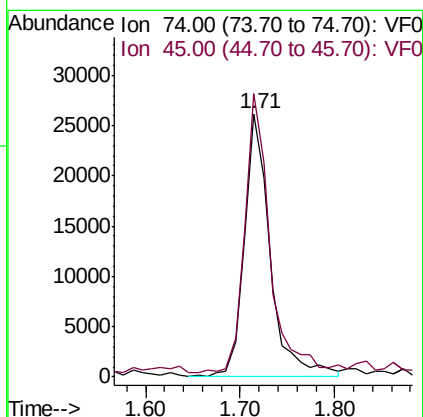
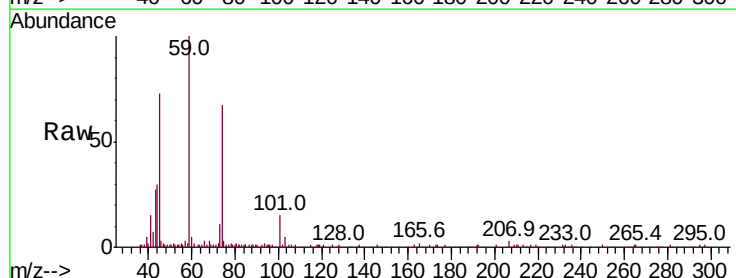
MMDadoda  
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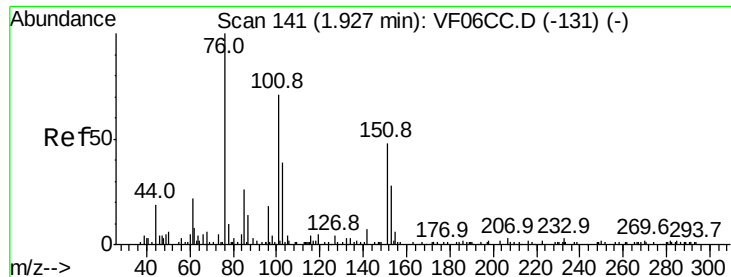
#8

Diethyl Ether  
Concen: 22.403 ug/l  
RT: 1.71 min Scan# 120  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 74 Resp: 49736  
Ion Ratio Lower Upper  
74 100  
45 107.5 47.5 142.5







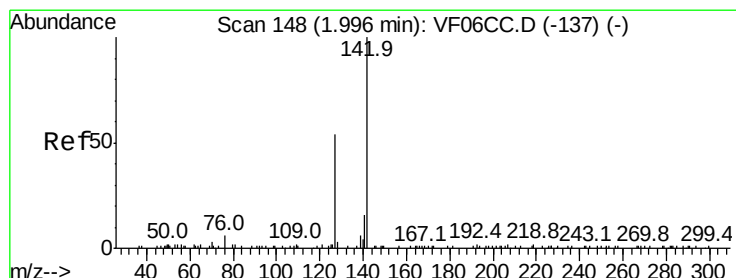
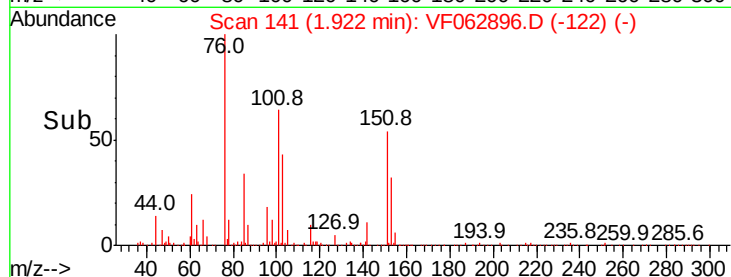
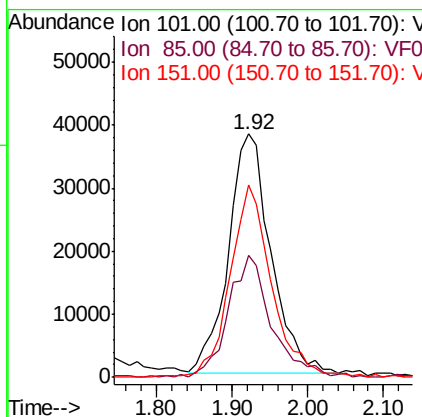
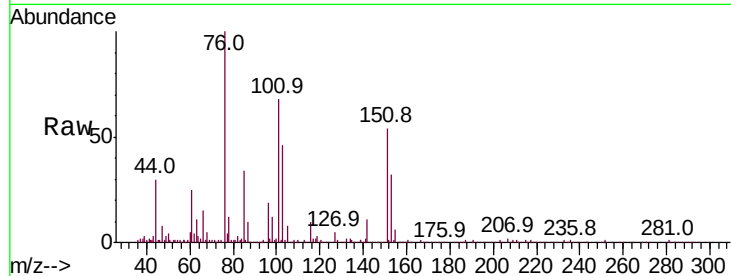
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.676 ug/l  
RT: 1.92 min Scan# 141  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 146682 |       |       |
| 85      | 50.3  | 37.1   | 55.7  |       |
| 151     | 79.1  | 60.3   | 90.5  |       |

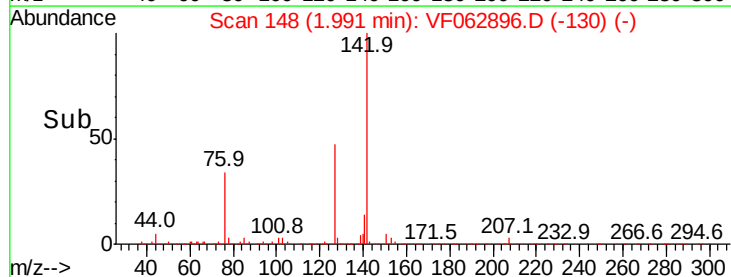
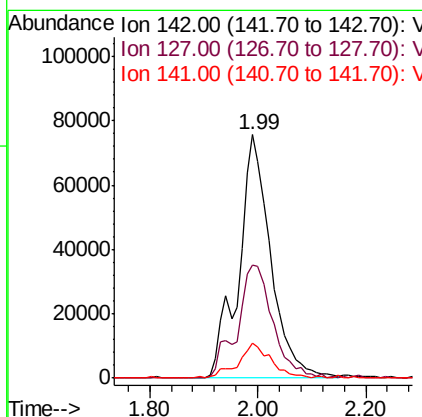
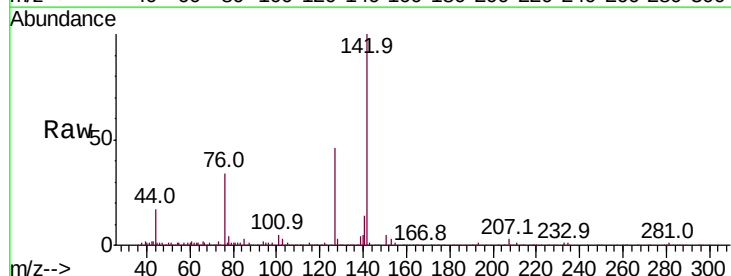
Manual Integrations  
APPROVED

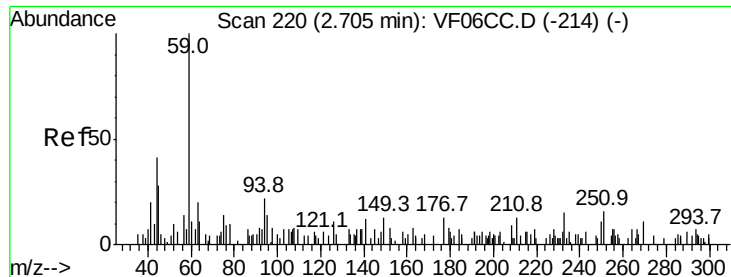
MMDadoda  
6/10/2019 12:25:34 PM



#10  
Methyl Iodide  
Concen: 21.983 ug/l  
RT: 1.99 min Scan# 148  
Delta R.T. -0.03 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 312691 |       |       |
| 127     | 46.4  | 39.4   | 59.2  |       |
| 141     | 14.1  | 10.6   | 15.8  |       |





#11

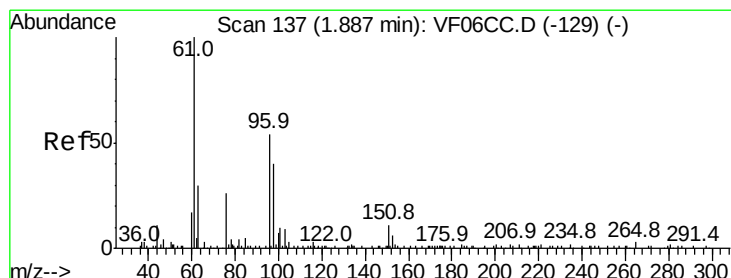
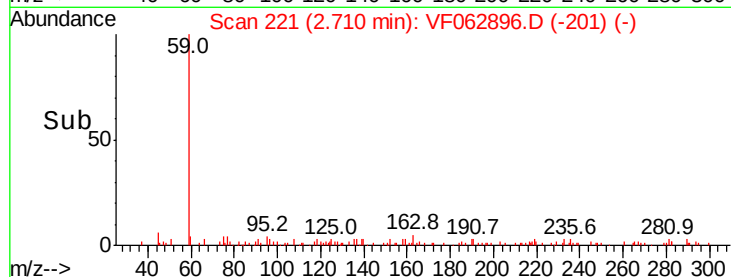
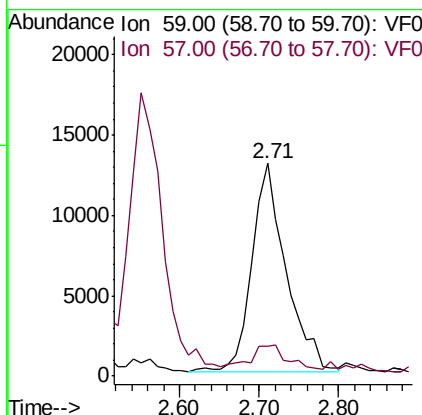
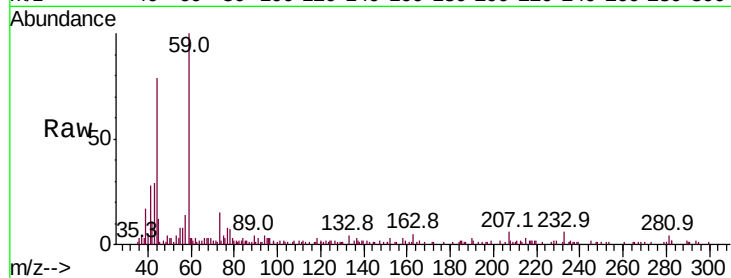
Tert butyl alcohol  
Concen: 117.620 ug/l  
RT: 2.71 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion   | 59   | Resp  | 38195 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 13.9 | 9.2   | 13.8# |

Manual Integrations  
APPROVED

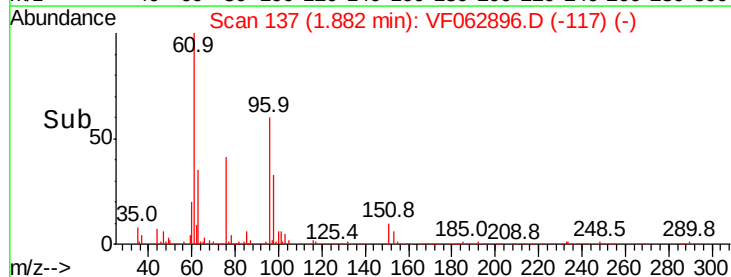
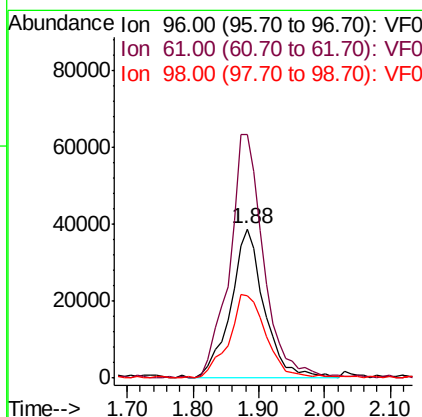
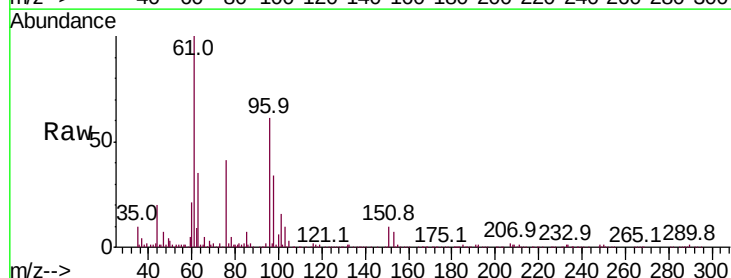
MMDadoda  
6/10/2019 12:25:34 PM

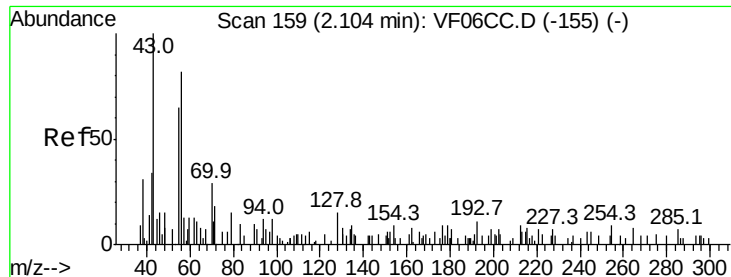


#12

1,1-Dichloroethene  
Concen: 21.459 ug/l  
RT: 1.88 min Scan# 137  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion   | 96    | Resp  | 138236 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 163.5 | 139.4 | 209.2  |
| 98        | 57.5  | 50.3  | 75.5   |





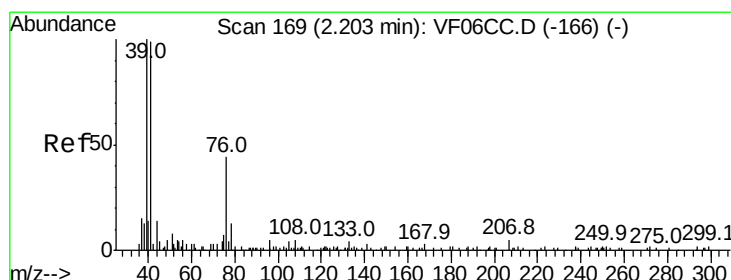
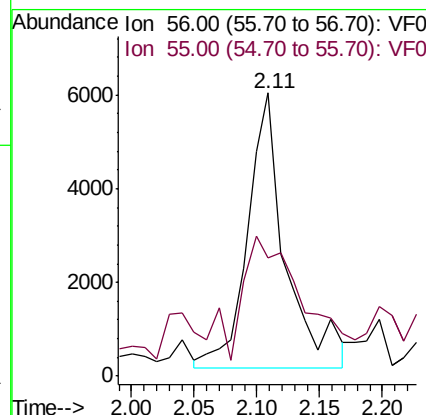
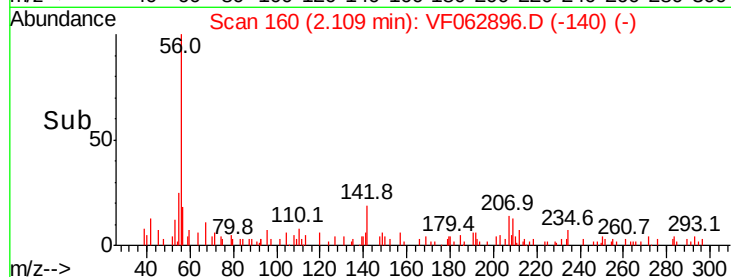
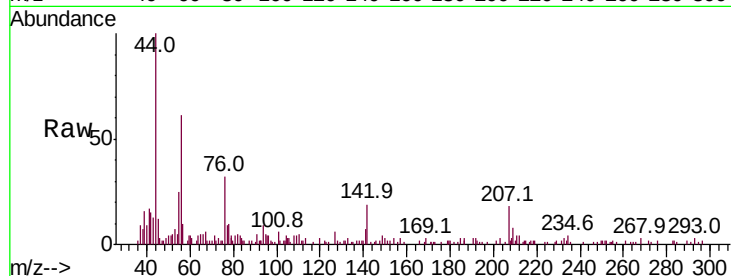
#13  
Acrolein  
Concen: 90.487 ug/l m  
RT: 2.11 min Scan# 160  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 56 Resp: 12416  
Ion Ratio Lower Upper  
56 100  
55 41.7 52.9 79.3#

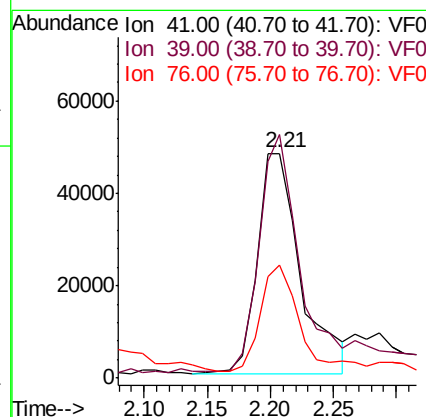
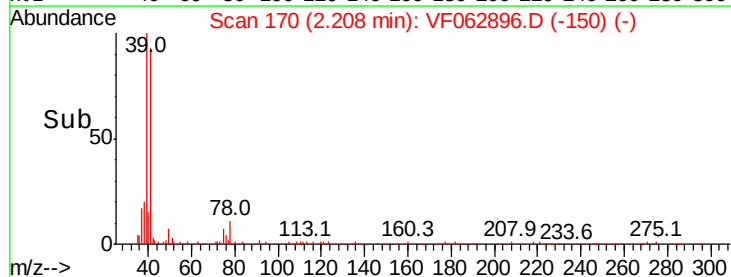
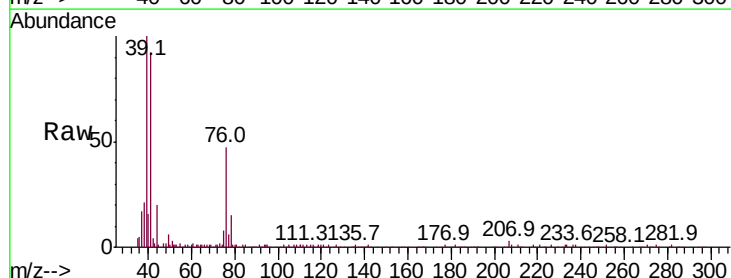
Manual Integrations  
APPROVED

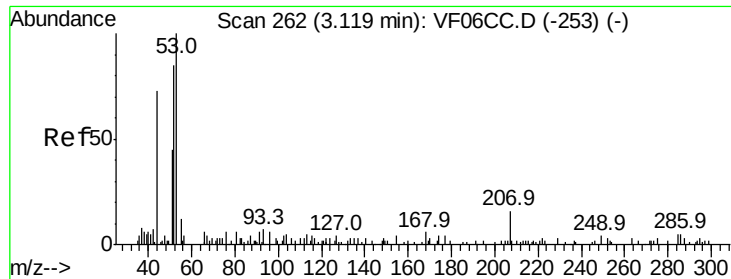
MMDadoda  
6/10/2019 12:25:34 PM



#14  
Allyl chloride  
Concen: 22.997 ug/l  
RT: 2.21 min Scan# 170  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 41 Resp: 114928  
Ion Ratio Lower Upper  
41 100  
39 108.3 71.9 107.9#  
76 50.6 39.6 59.4





#15

Acrylonitrile

Concen: 85.937 ug/l

RT: 3.09 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

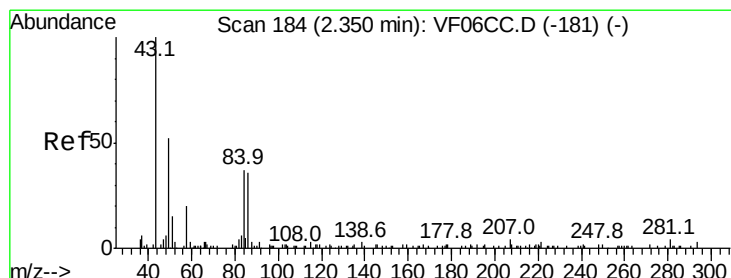
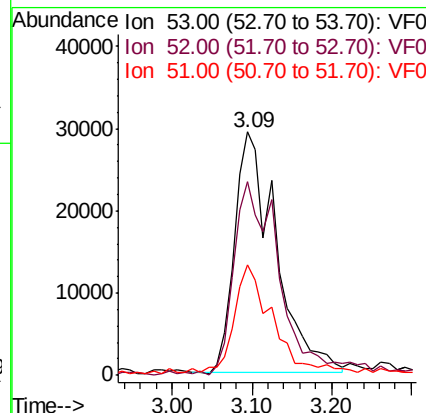
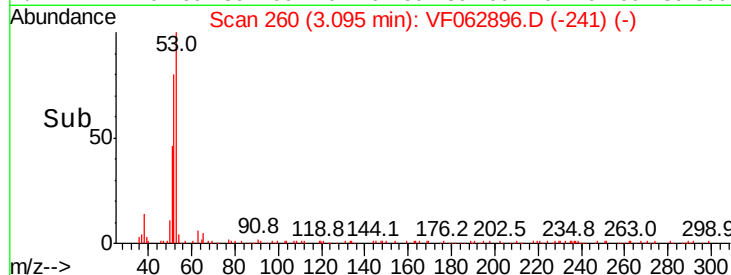
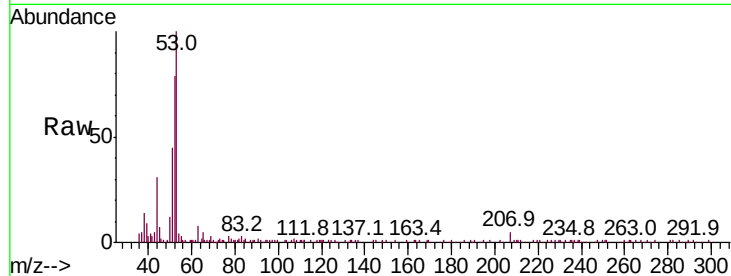
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 104861 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 79.4  | 68.1  | 102.1  |
| 51        | 45.3  | 27.7  | 41.5#  |

Manual Integrations  
APPROVED

MMDadoda  
6/10/2019 12:25:34 PM



#16

Acetone

Concen: 106.322 ug/l

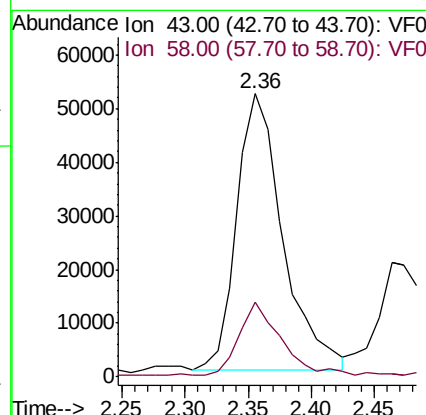
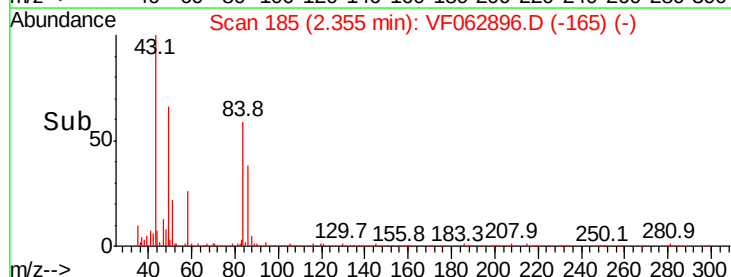
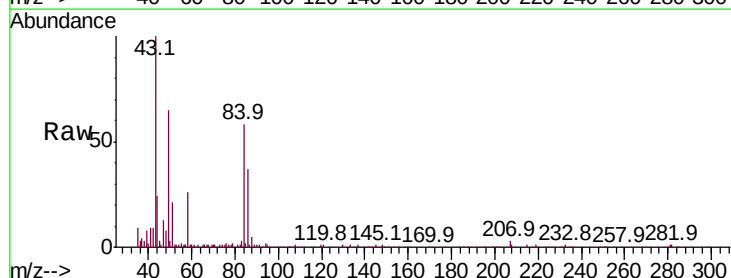
RT: 2.36 min Scan# 185

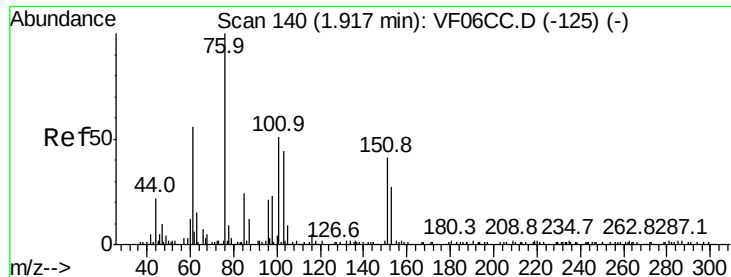
Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 130446 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 26.2  | 19.0  | 28.4   |





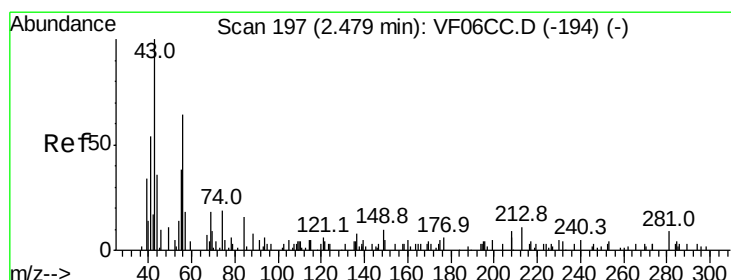
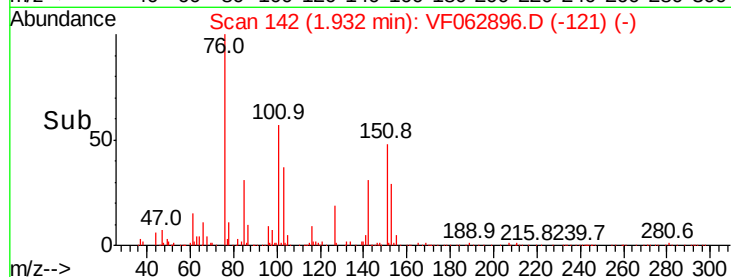
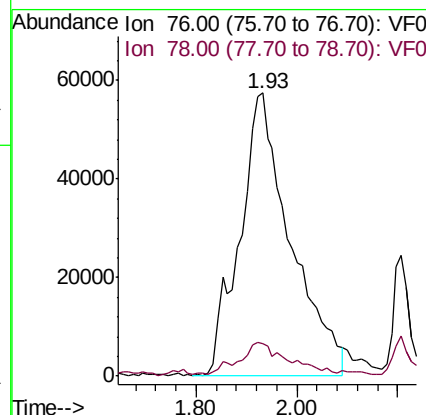
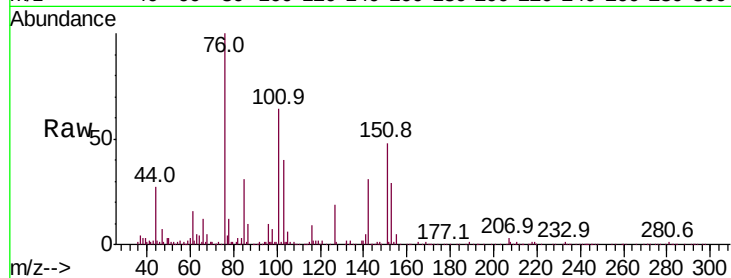
#17  
Carbon Disulfide  
Concen: 21.218 ug/l  
RT: 1.93 min Scan# 142  
Delta R.T. 0.00 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 11.6  | 9.4   | 14.2  |

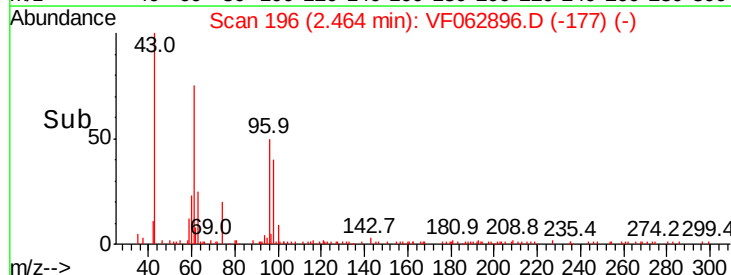
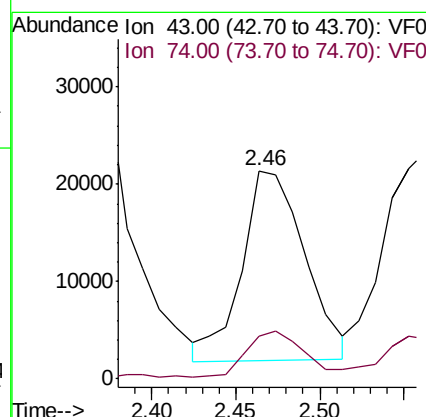
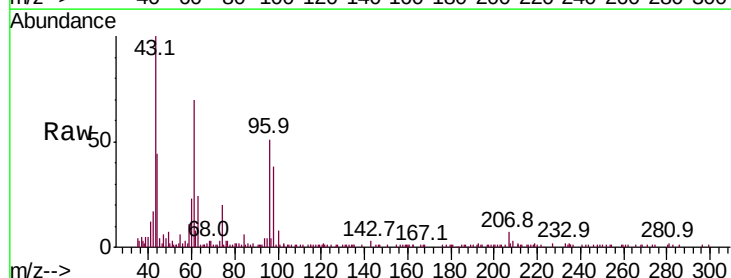
Manual Integrations  
APPROVED

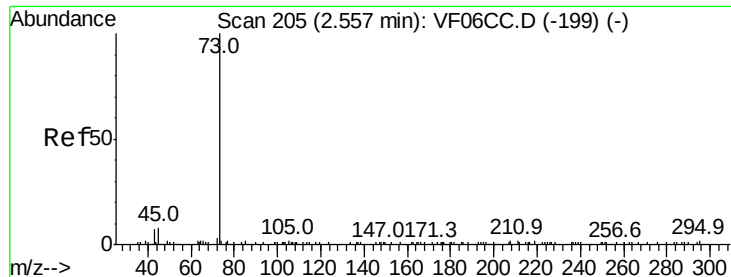
MMDadoda  
6/10/2019 12:25:34 PM



#18  
Methyl Acetate  
Concen: 23.719 ug/l  
RT: 2.46 min Scan# 196  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.2  | 22.1  | 33.1# |





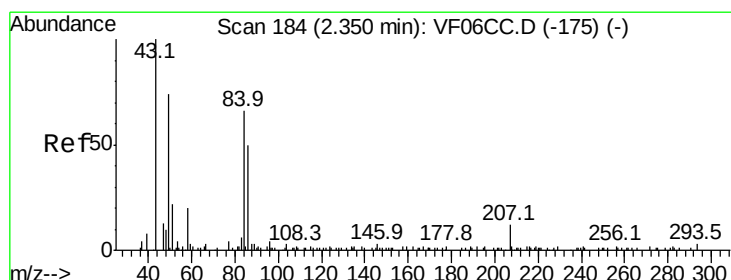
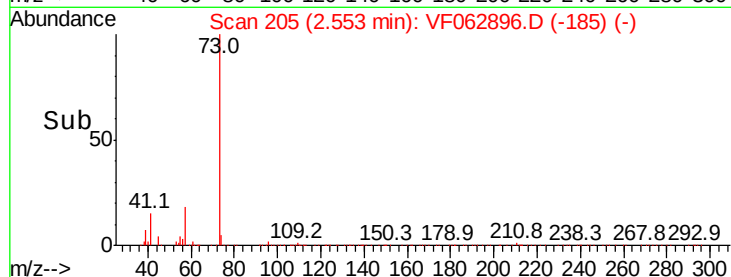
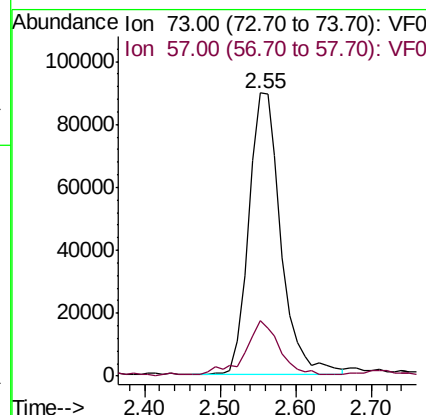
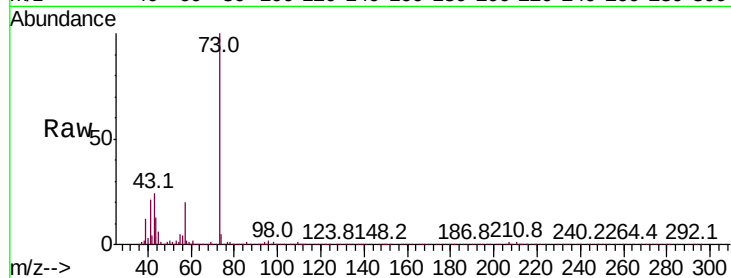
#19  
Methyl tert-butyl Ether  
Concen: 22.462 ug/l  
RT: 2.55 min Scan# 205  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 19.6  | 15.1  | 22.7  |

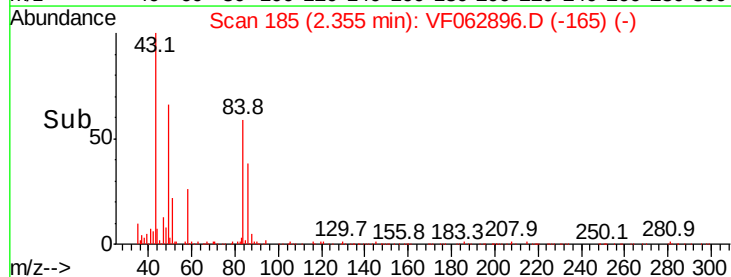
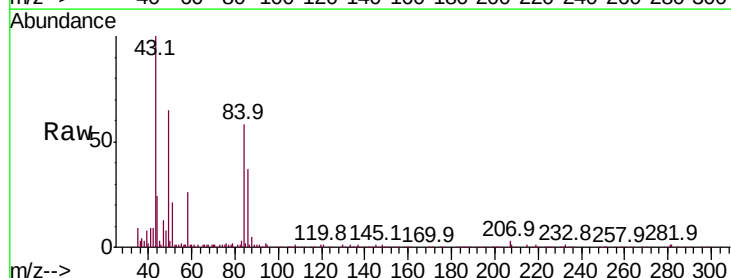
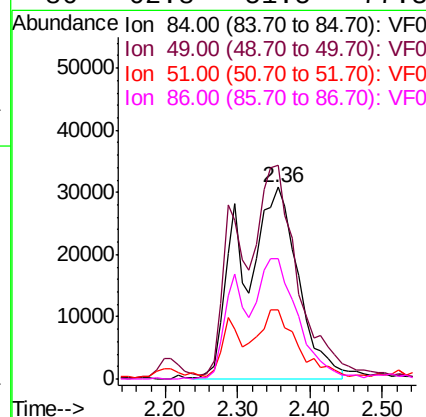
Manual Integrations  
APPROVED

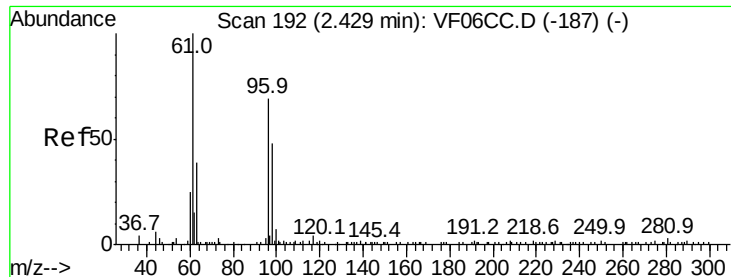
MMDadoda  
6/10/2019 12:25:34 PM



#20  
Methylene Chloride  
Concen: 26.067 ug/l m  
RT: 2.36 min Scan# 185  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 111.4 | 82.6  | 123.8 |
| 51      | 36.0  | 25.0  | 37.4  |
| 86      | 62.8  | 51.5  | 77.3  |





#21

trans-1,2-Dichloroethene

Concen: 21.495 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

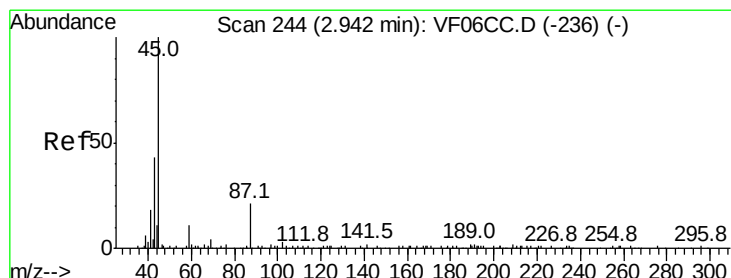
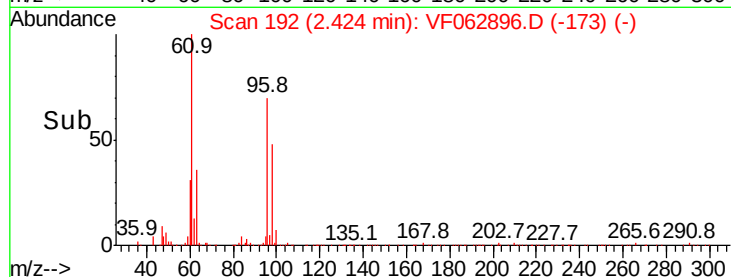
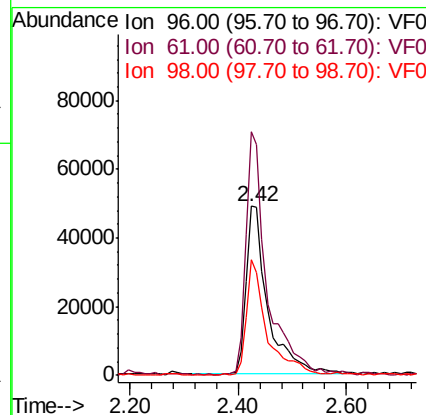
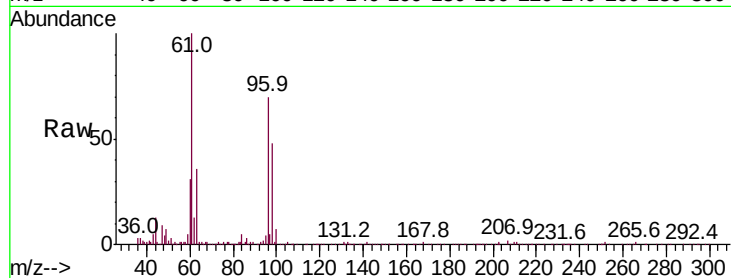
ClientSampleId :

VF0607SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 138837 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 143.8 | 105.0 | 157.6  |
| 98       | 68.5  | 51.1  | 76.7   |

Manual Integrations  
APPROVED

MMDadoda  
6/10/2019 12:25:34 PM



#22

Diisopropyl ether

Concen: 22.984 ug/l

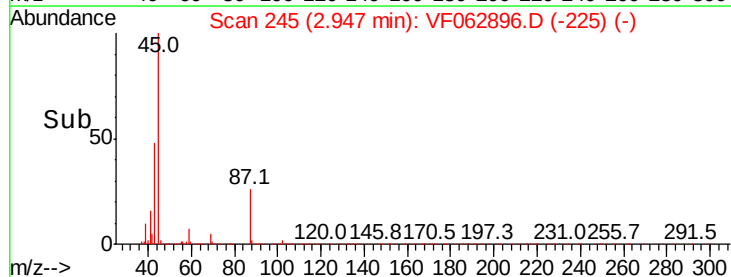
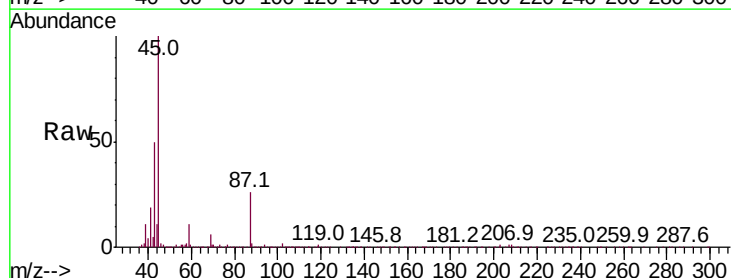
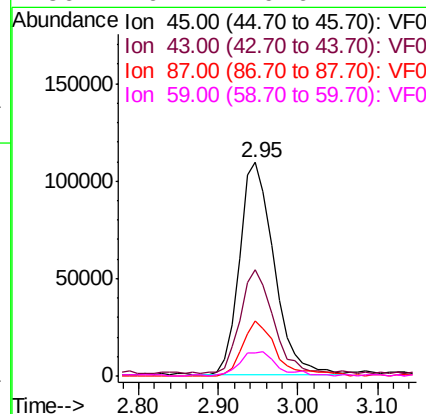
RT: 2.95 min Scan# 245

Delta R.T. -0.01 min

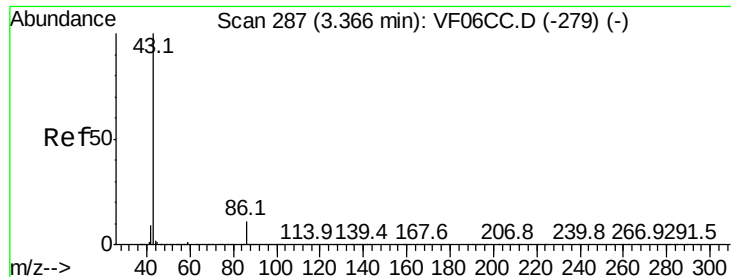
Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 326333 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 49.9  | 34.3  | 51.5   |
| 87       | 25.8  | 19.0  | 28.4   |
| 59       | 10.7  | 9.6   | 14.4   |







#23

Vinyl Acetate

Concen: 120.069 ug/l

RT: 3.35 min Scan# 286

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

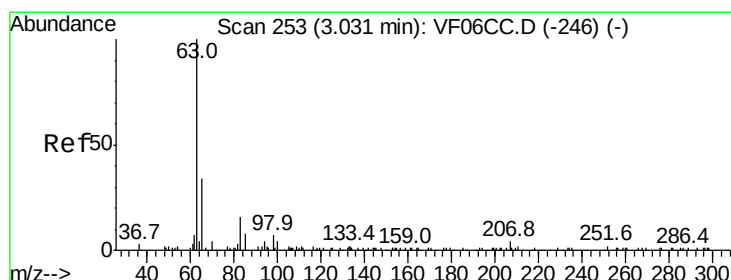
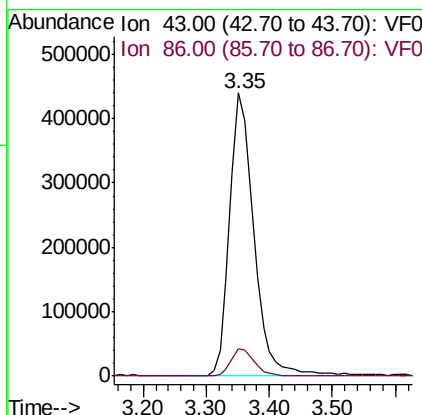
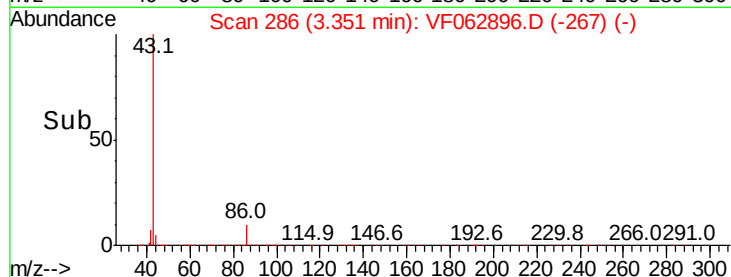
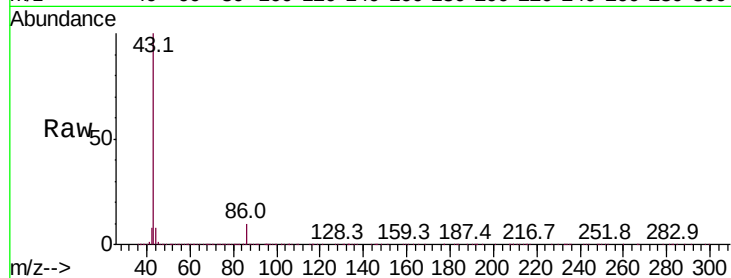
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 43 Resp: 1167116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 9.7   | 8.2   | 12.2  |

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 23.151 ug/l

RT: 3.02 min Scan# 252

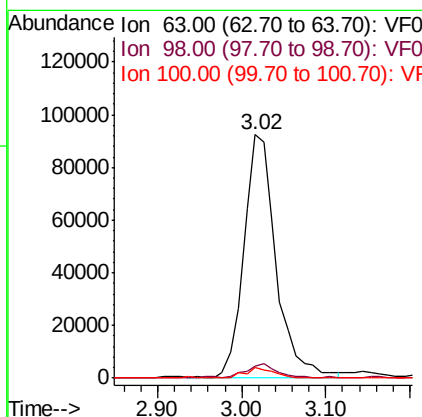
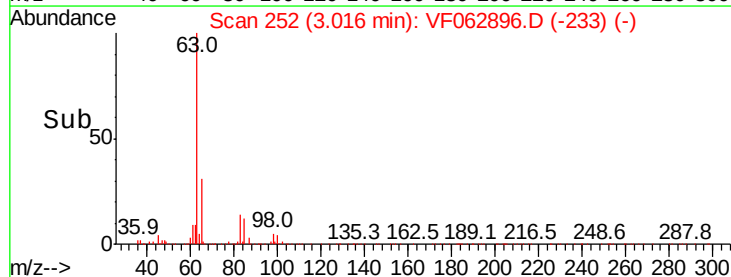
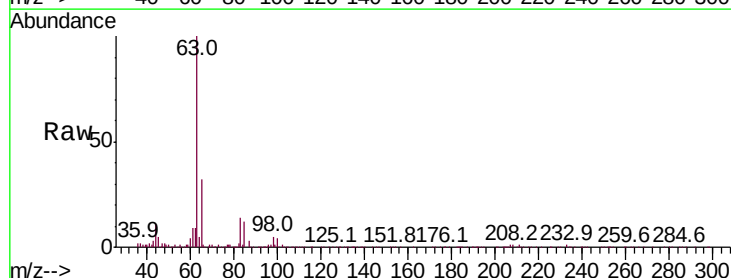
Delta R.T. -0.02 min

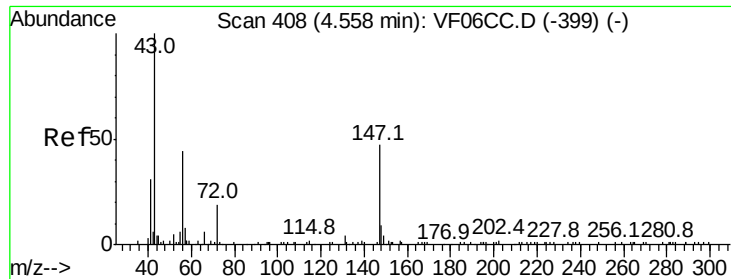
Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion: 63 Resp: 245433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 5.1   | 2.4   | 7.1   |
| 100 | 4.2   | 1.5   | 4.5   |





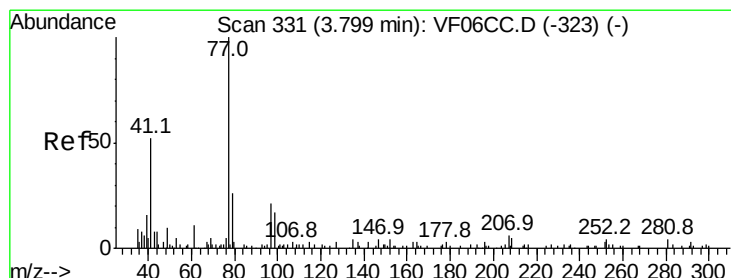
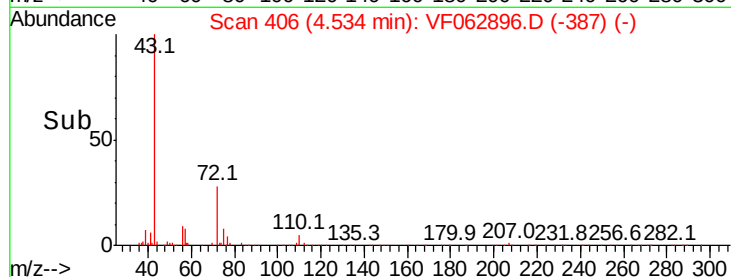
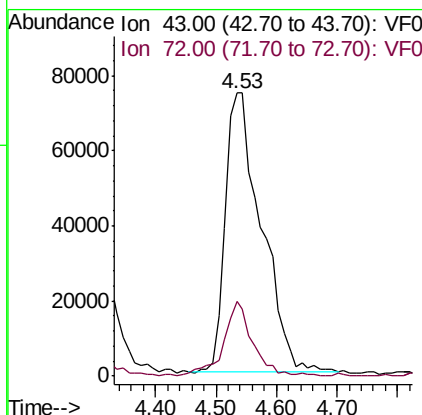
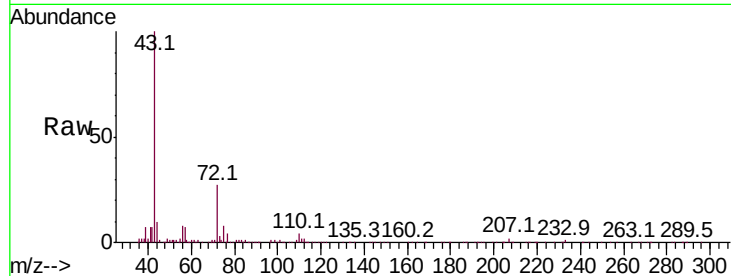
#25  
2-Butanone  
Concen: 107.477 ug/l  
RT: 4.53 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 43 Resp: 307080  
Ion Ratio Lower Upper  
43 100  
72 26.6 21.4 32.0

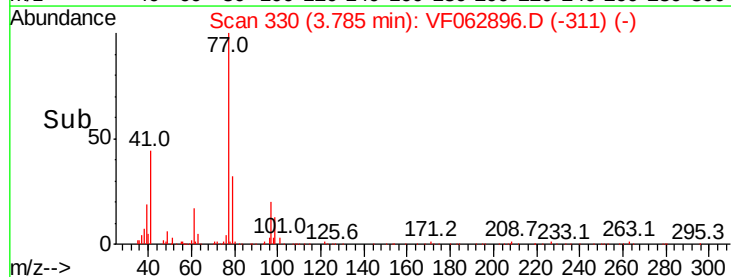
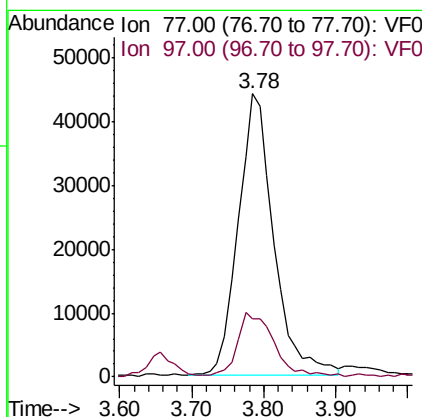
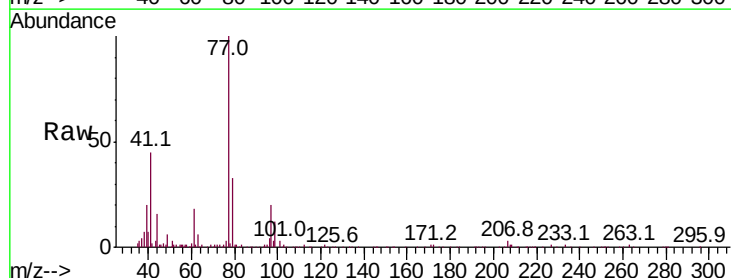
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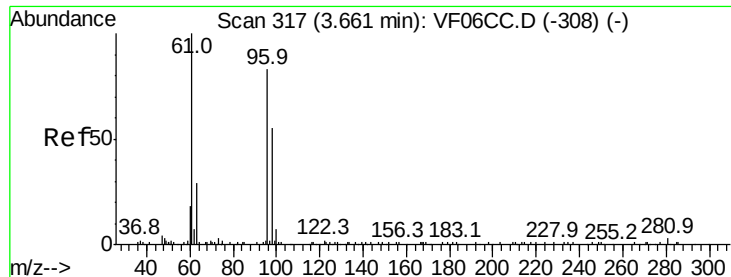
MMDadoda  
6/10/2019 12:25:34 PM



#26  
2,2-Dichloropropane  
Concen: 25.234 ug/l  
RT: 3.78 min Scan# 330  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 77 Resp: 151891  
Ion Ratio Lower Upper  
77 100  
97 20.3 12.4 37.4





#27

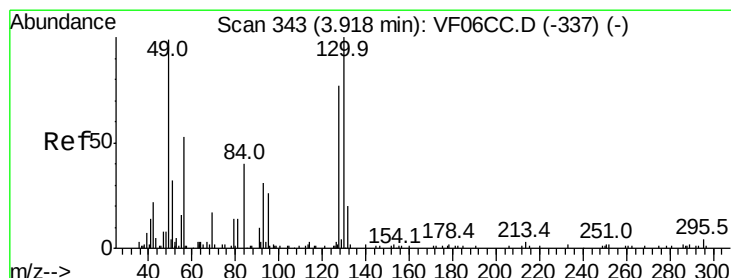
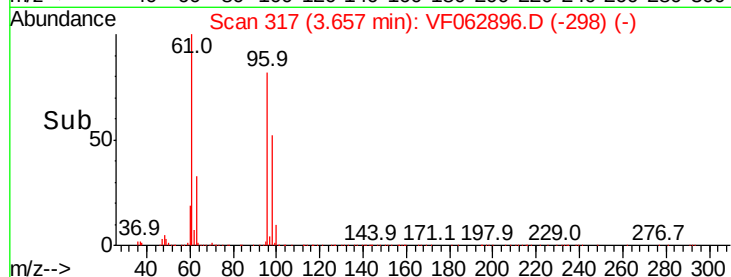
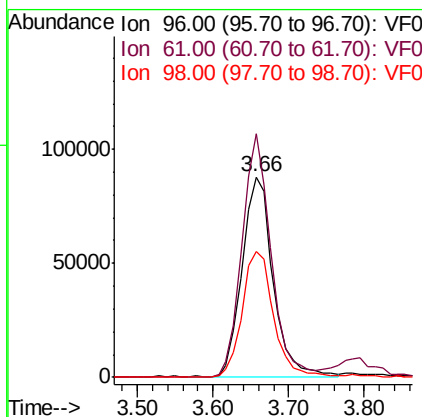
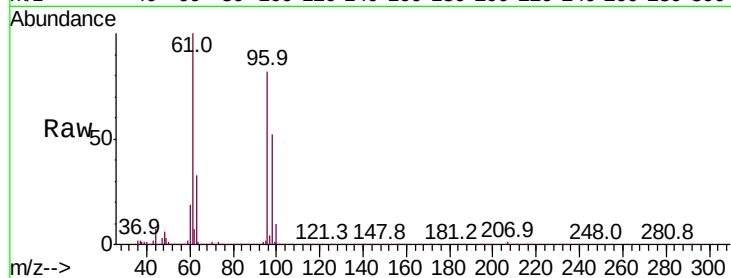
cis-1,2-Dichloroethene  
Concen: 22.897 ug/l  
RT: 3.66 min Scan# 317  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 248590 |       |       |
| 61      | 121.5 | 0.0    | 213.8 |       |
| 98      | 62.8  | 0.0    | 127.0 |       |

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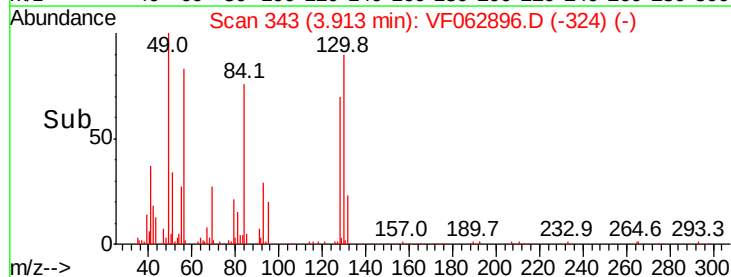
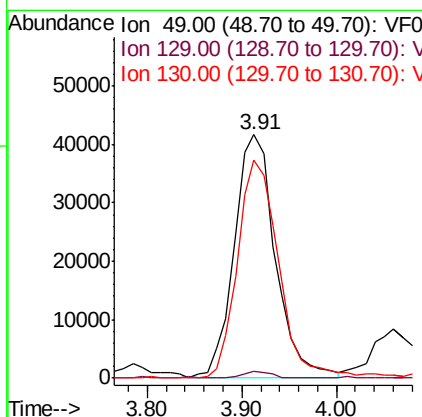
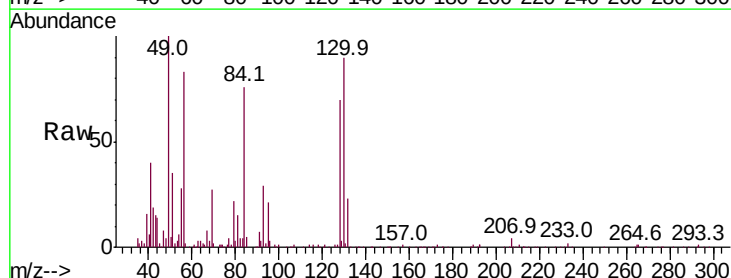
MMDadoda  
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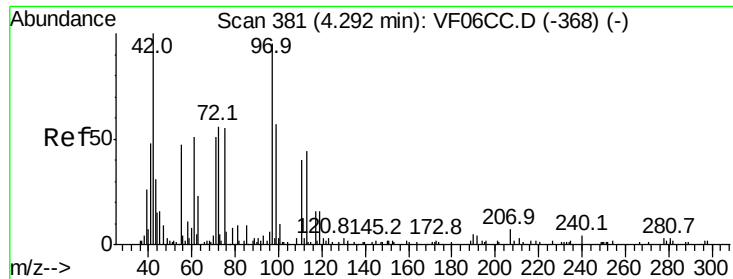


#28

Bromochloromethane  
Concen: 21.677 ug/l  
RT: 3.91 min Scan# 343  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 125003 |       |       |
| 129     | 2.7   | 0.0    | 5.4   |       |
| 130     | 89.7  | 79.2   | 118.8 |       |





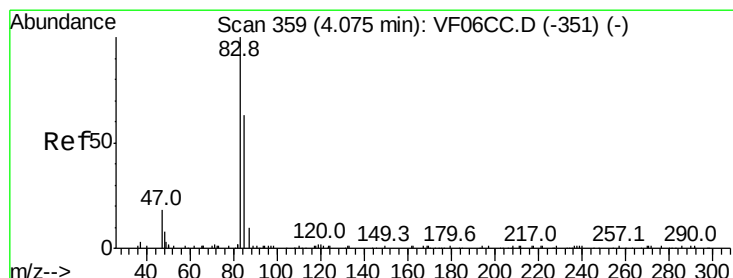
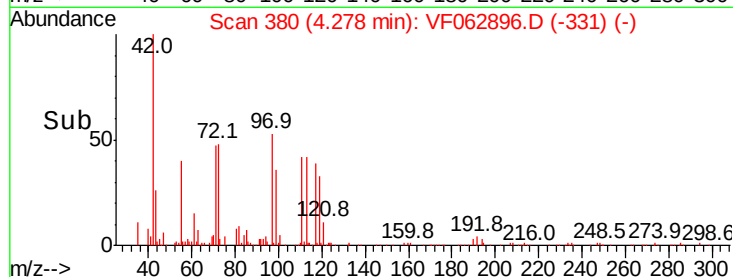
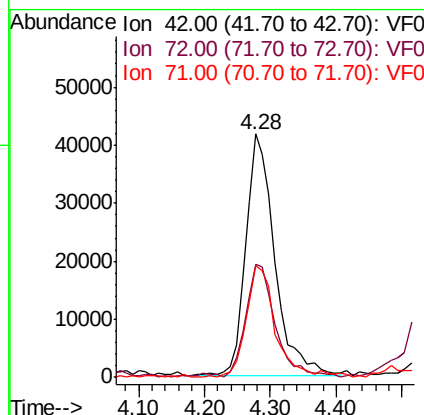
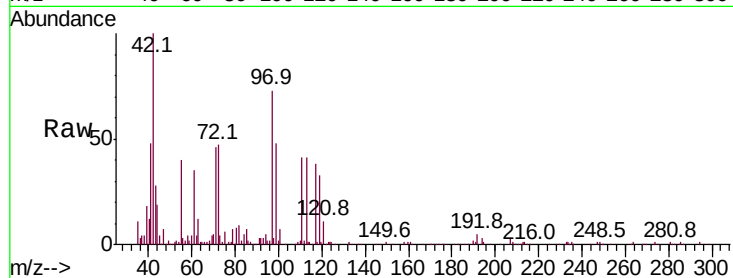
#29  
Tetrahydrofuran  
Concen: 117.848 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.5  | 39.0  | 58.6  |
| 71      | 47.1  | 36.9  | 55.3  |

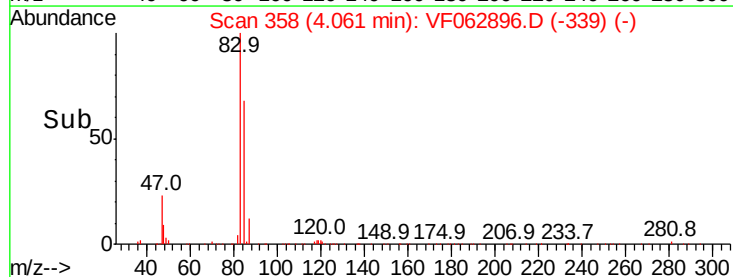
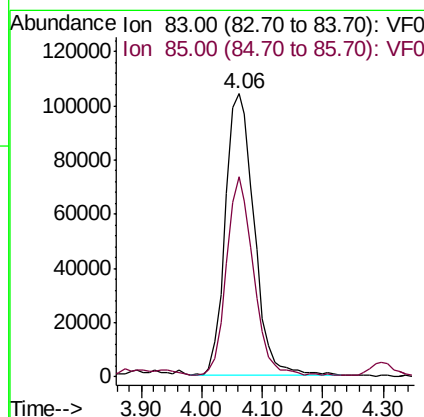
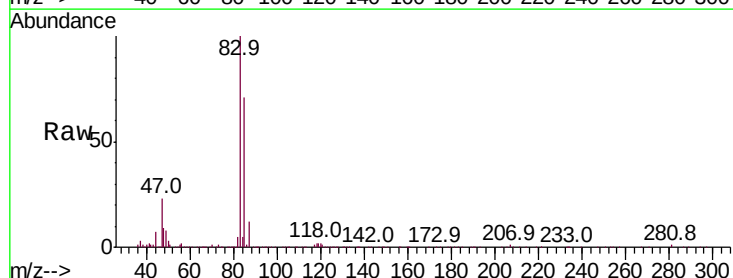
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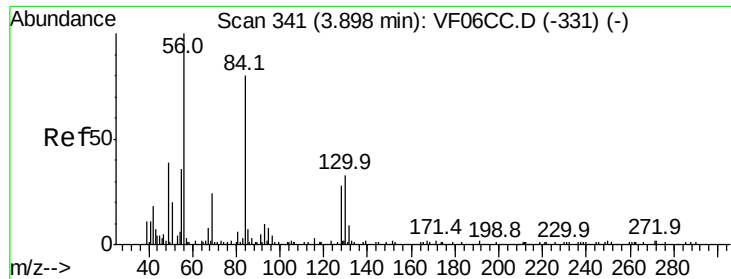
MMDadoda  
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#30  
Chloroform  
Concen: 22.999 ug/l  
RT: 4.06 min Scan# 358  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 70.7  | 55.0  | 82.6  |





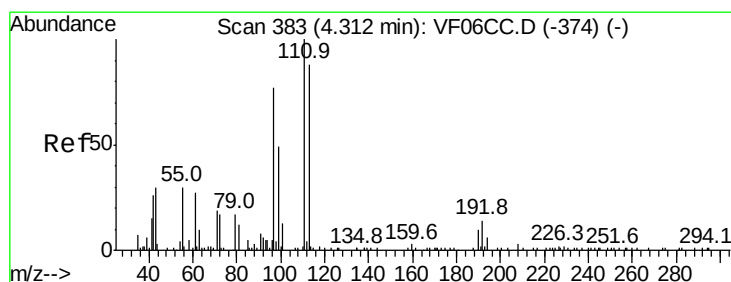
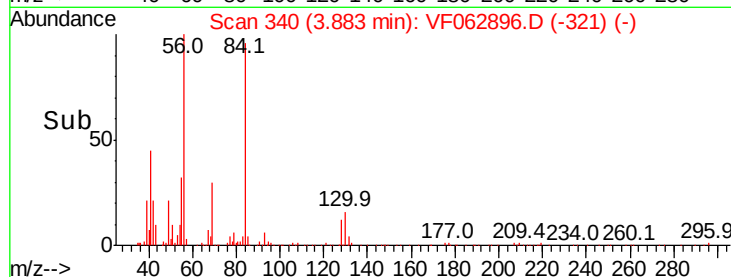
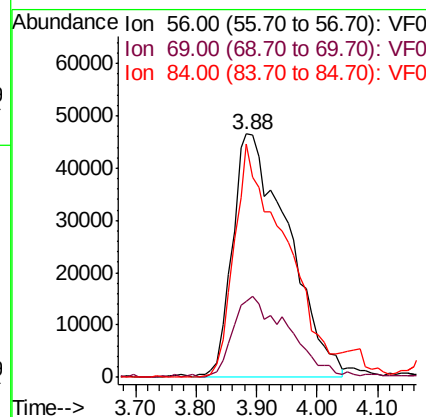
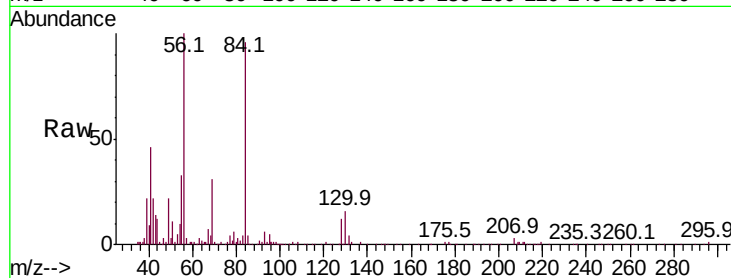
#31  
Cyclohexane  
Concen: 20.612 ug/l  
RT: 3.88 min Scan# 340  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.4  | 26.7  | 40.1  |
| 84      | 96.0  | 74.3  | 111.5 |

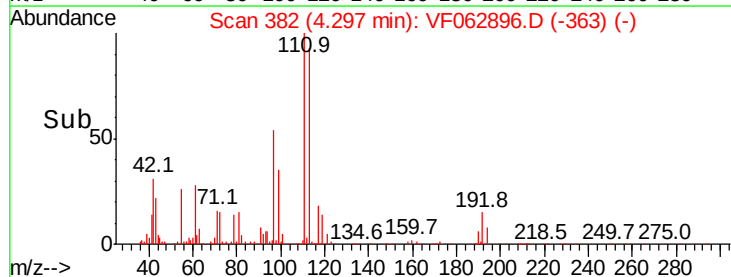
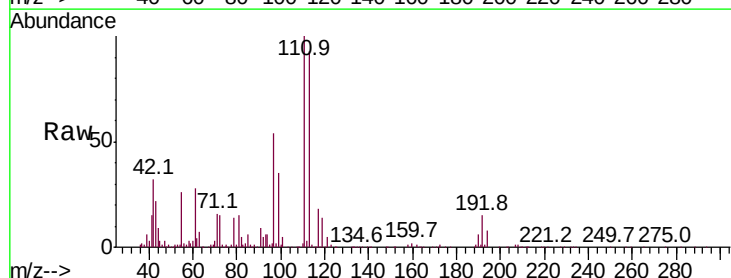
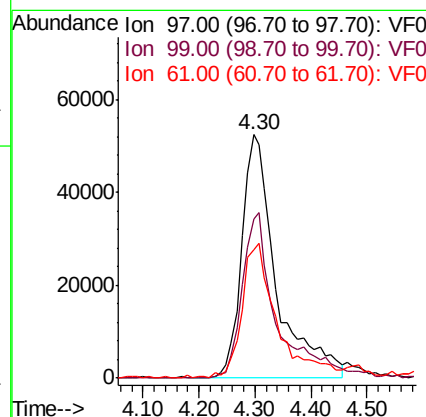
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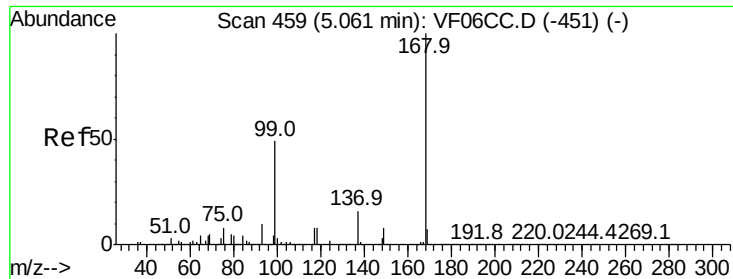
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 25.850 ug/l  
RT: 4.30 min Scan# 382  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.5  | 51.7  | 77.5  |
| 61      | 52.6  | 38.9  | 58.3  |





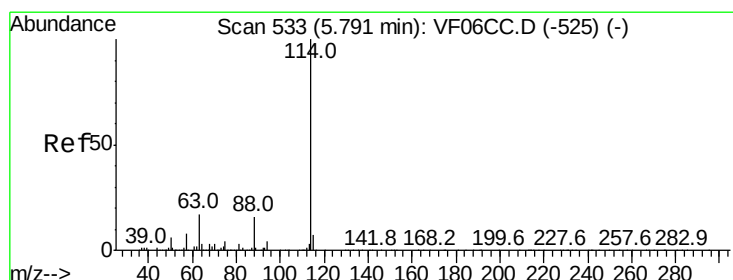
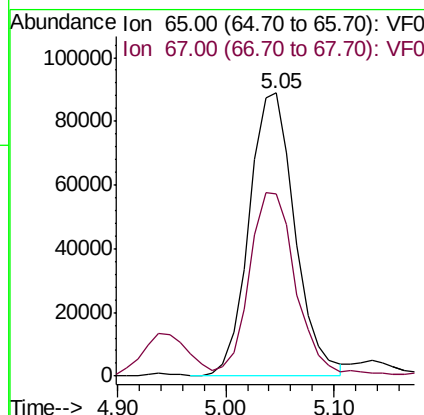
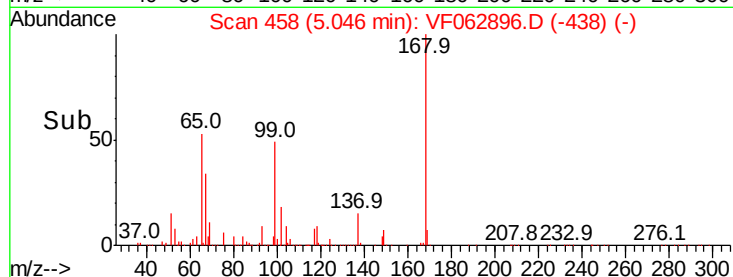
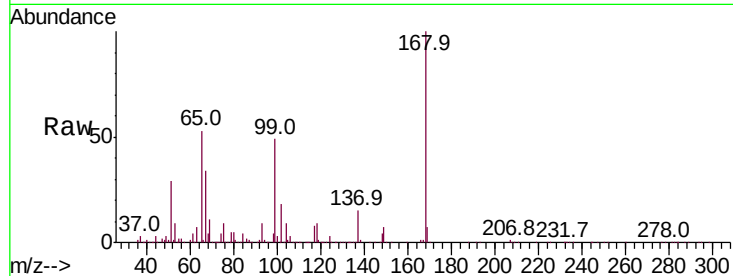
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.929 ug/l  
 RT: 5.05 min Scan# 458  
 Delta R.T. -0.01 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 262284 |       |       |
| 67      | 64.4  | 0.0    | 121.2 |       |

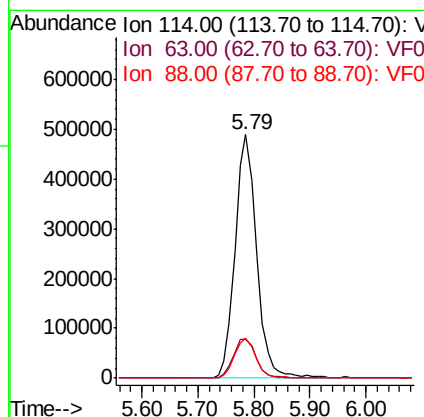
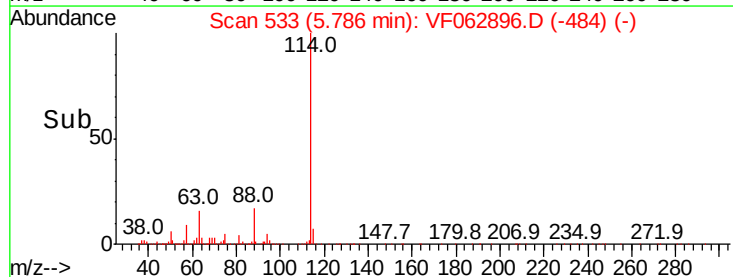
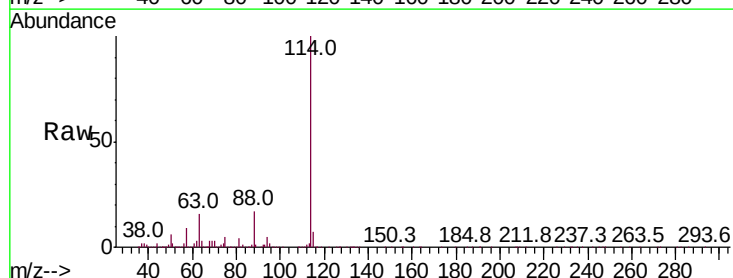
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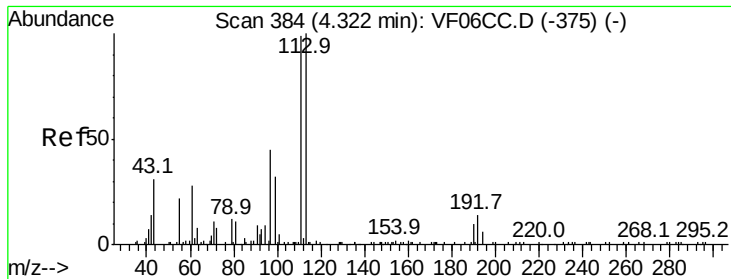
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.79 min Scan# 533  
 Delta R.T. -0.02 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 114     | 100   | 1304849 |       |       |
| 63      | 16.1  | 0.0     | 34.2  |       |
| 88      | 16.6  | 0.0     | 31.2  |       |





#35

Dibromofluoromethane

Concen: 49.532 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

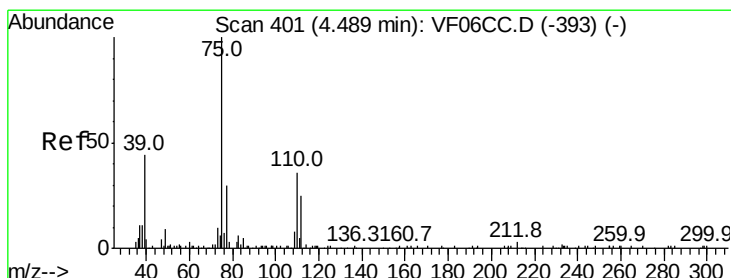
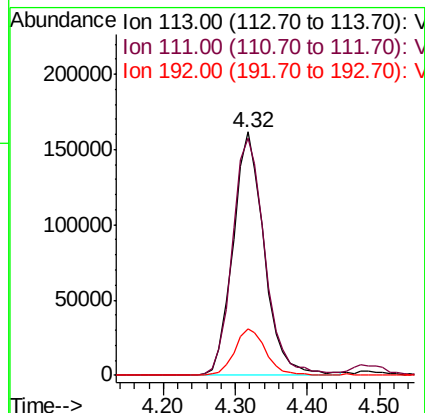
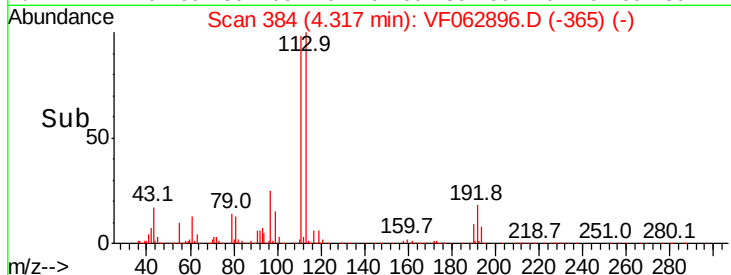
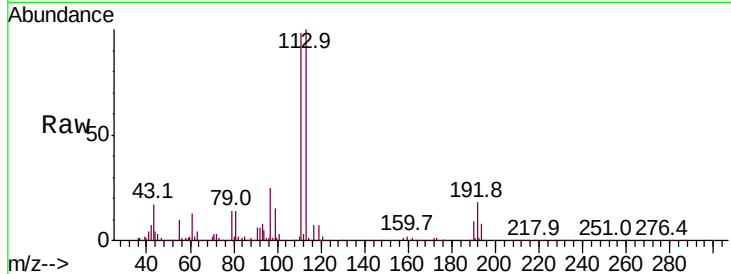
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 488394 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 97.6  | 81.9  | 122.9  |
| 192       | 19.2  | 15.1  | 22.7   |

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#36

1,1-Dichloropropene

Concen: 22.683 ug/l

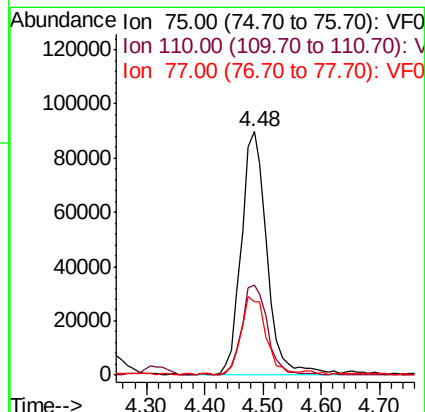
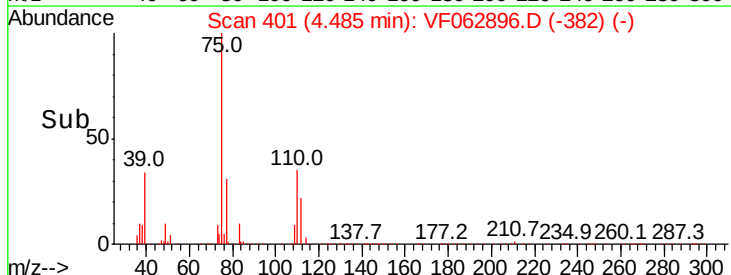
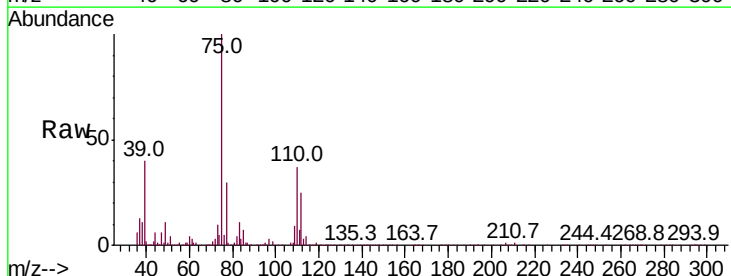
RT: 4.48 min Scan# 401

Delta R.T. -0.02 min

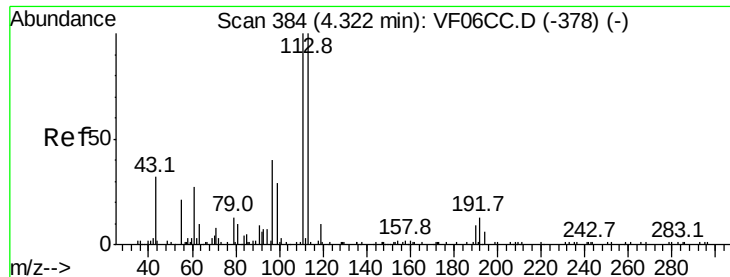
Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 272470 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.8  | 19.4  | 58.1   |
| 77        | 30.3  | 25.4  | 38.2   |







#37

Ethyl Acetate

Concen: 23.460 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

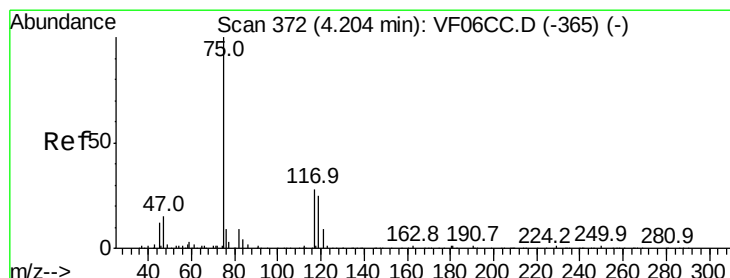
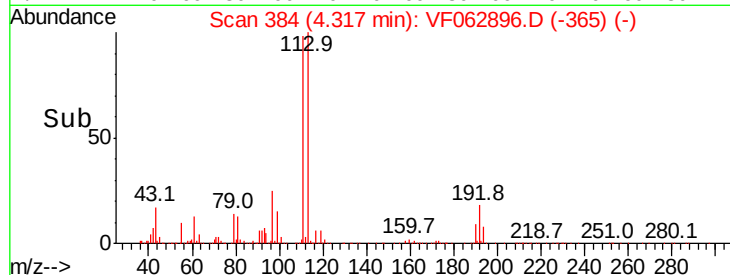
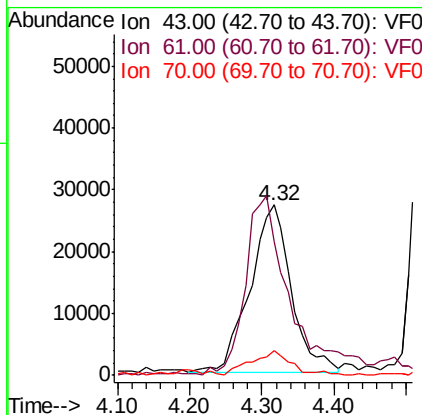
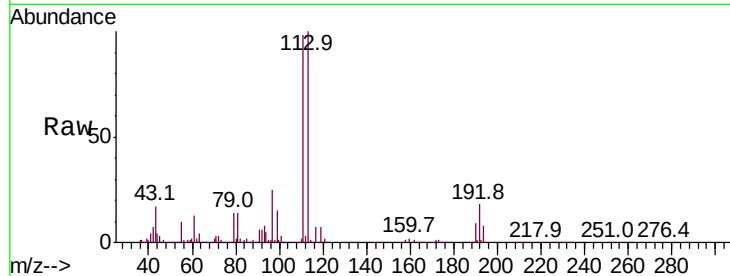
ClientSampleId :

VF0607SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 107724 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 78.4  | 59.1  | 88.7   |
| 70       | 14.4  | 10.1  | 15.1   |

Manual Integrations  
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6/10/2019 12:25:34 PM



#38

Carbon Tetrachloride

Concen: 22.894 ug/l

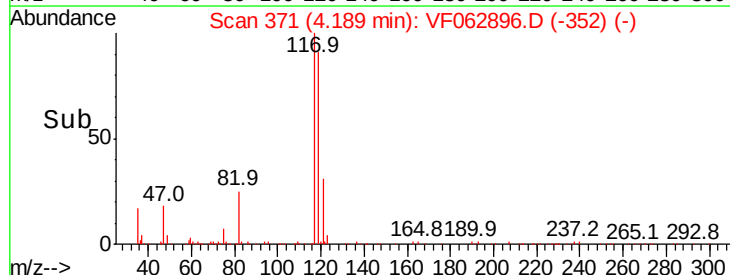
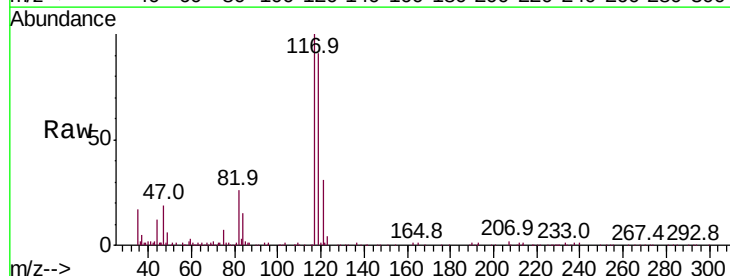
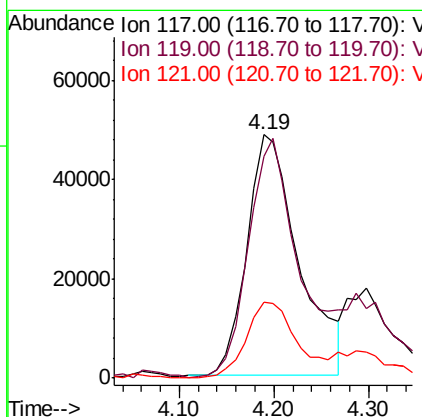
RT: 4.19 min Scan# 371

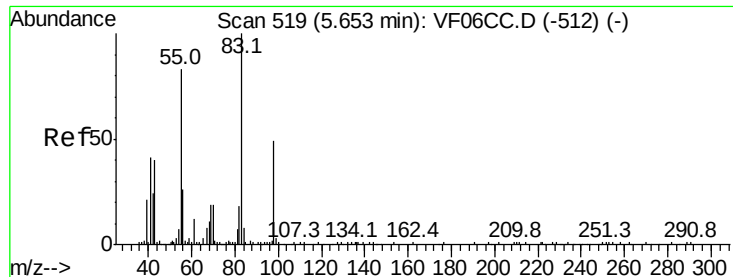
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 185865 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 90.9  | 78.2  | 117.2  |
| 121      | 31.2  | 28.2  | 42.2   |





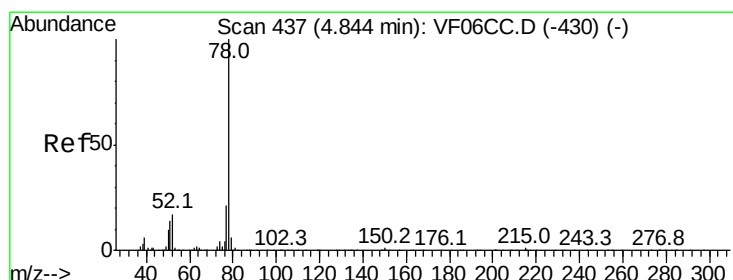
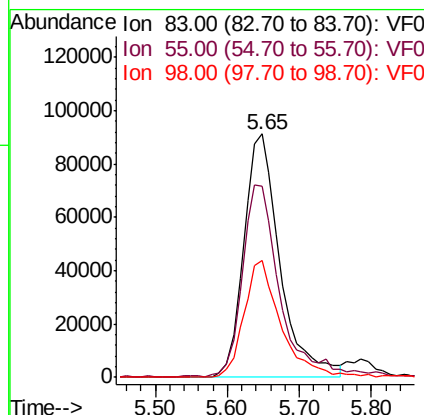
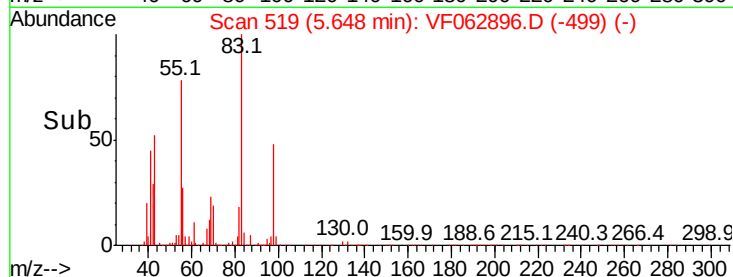
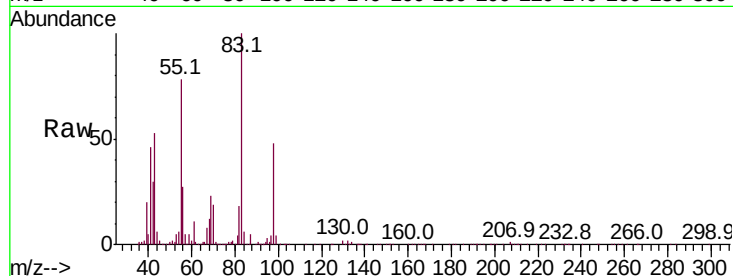
#39  
Methylcyclohexane  
Concen: 21.407 ug/l  
RT: 5.65 min Scan# 519  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.3  | 61.6  | 92.4  |
| 98      | 48.1  | 37.4  | 56.2  |

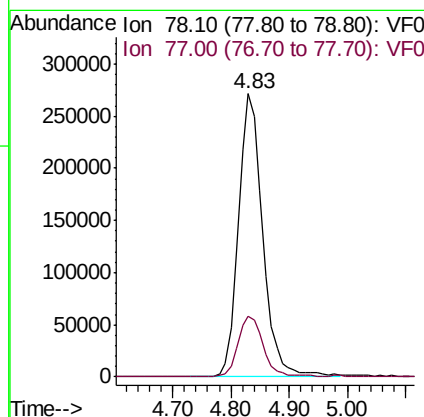
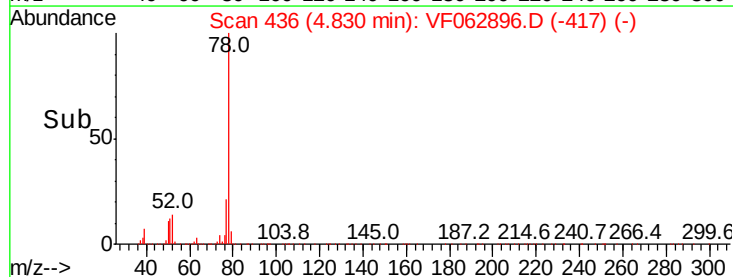
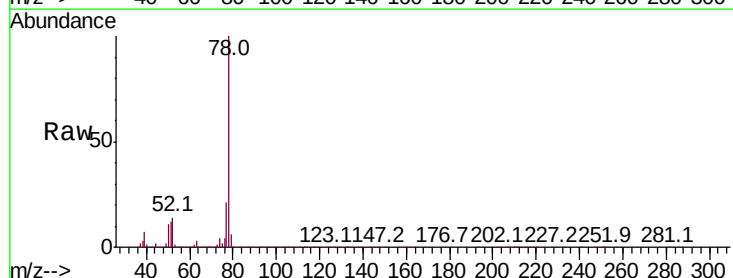
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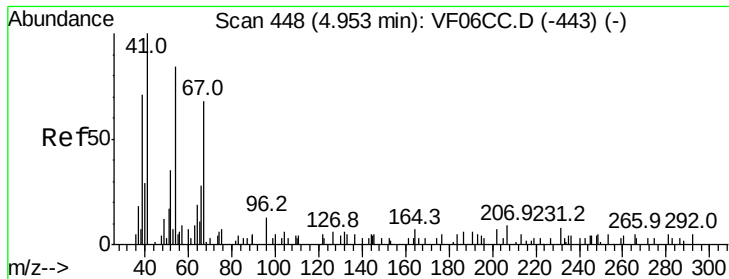
MMDadoda  
6/10/2019 12:25:34 PM



#40  
Benzene  
Concen: 22.443 ug/l  
RT: 4.83 min Scan# 436  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.3  | 18.9  | 28.3  |





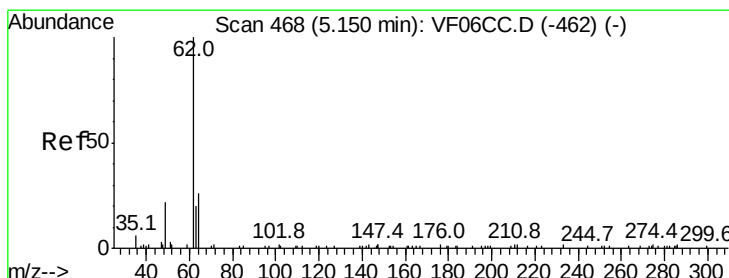
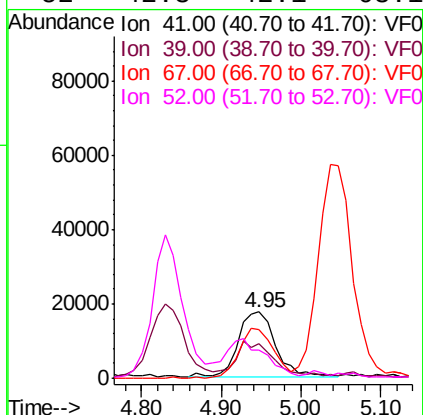
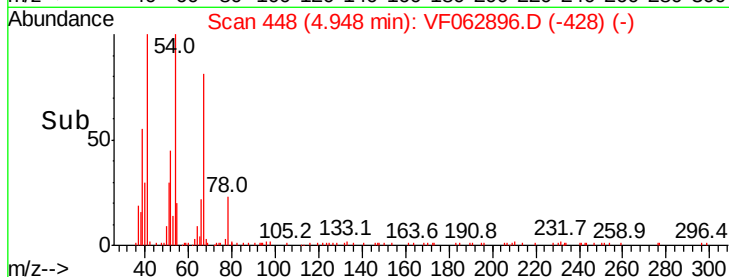
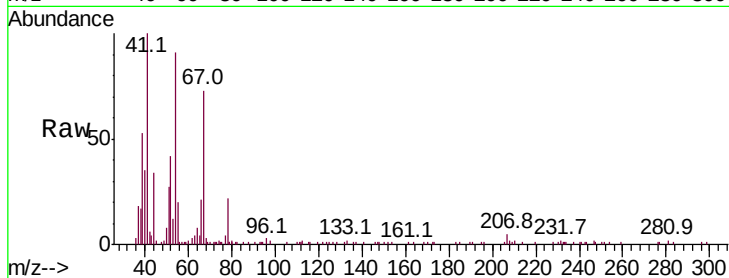
#41  
Methacrylonitrile  
Concen: 22.480 ug/l  
RT: 4.95 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 41      | 100  |       |      |       |       |
| 39      | 52.5 | 42.0  | 63.0 |       |       |
| 67      | 73.3 | 61.4  | 92.0 |       |       |
| 52      | 42.3 | 42.1  | 63.1 |       |       |

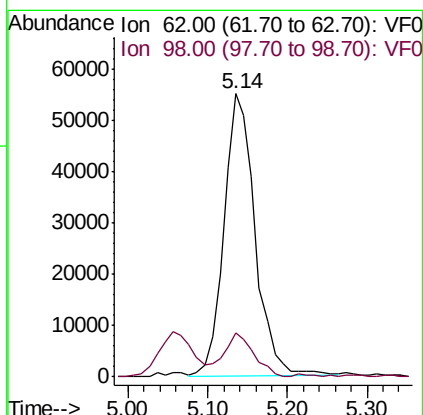
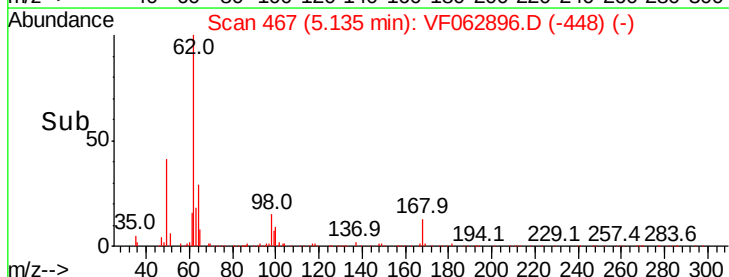
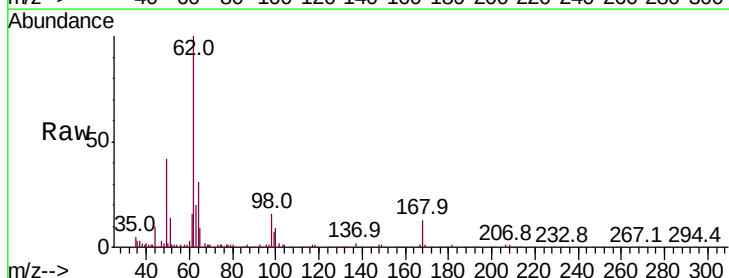
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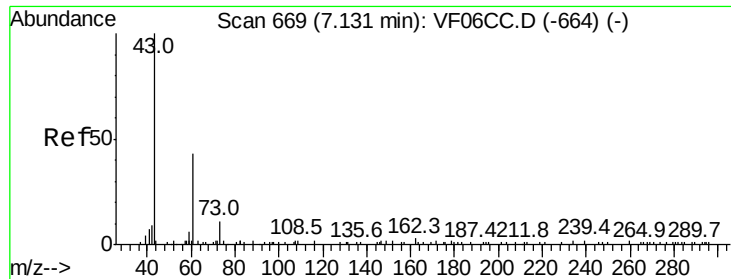
MMDadoda  
6/10/2019 12:25:34 PM



#42  
1,2-Dichloroethane  
Concen: 22.668 ug/l  
RT: 5.14 min Scan# 467  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 62      | 100  |       |      |       |       |
| 98      | 15.8 | 0.0   | 24.0 |       |       |





#43

Isopropyl Acetate

Concen: 21.420 ug/l

RT: 7.13 min Scan# 669

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

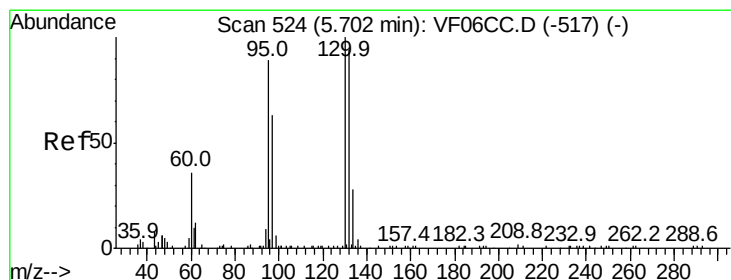
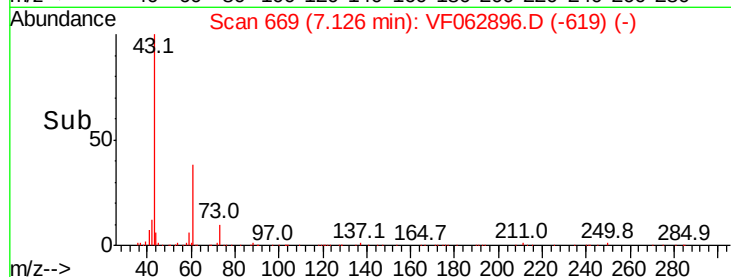
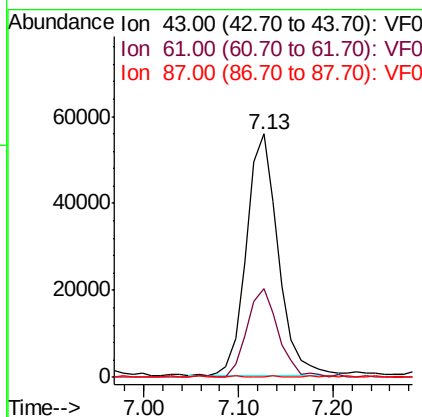
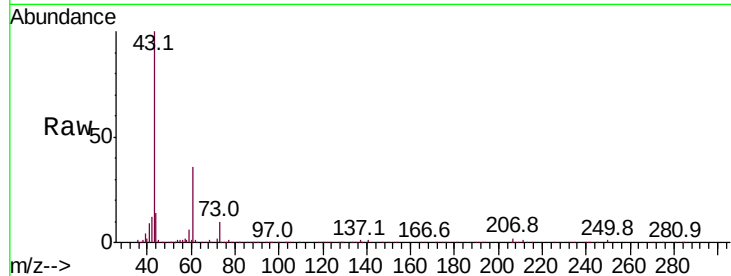
ClientSampleId :

VF0607SBS01

| Tot Ion | 43    | Resp  | 129931 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 36.3  | 29.8  | 44.6   |
| 87      | 0.3   | 0.3   | 0.5#   |

Manual Integrations  
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#44

Trichloroethene

Concen: 21.644 ug/l

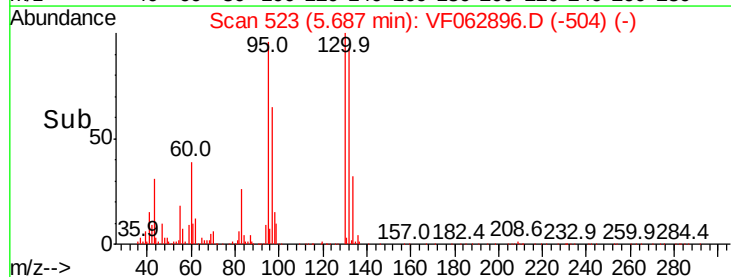
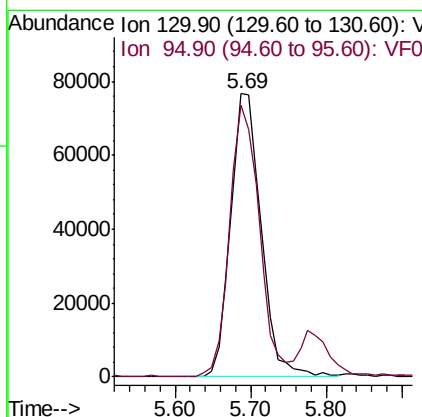
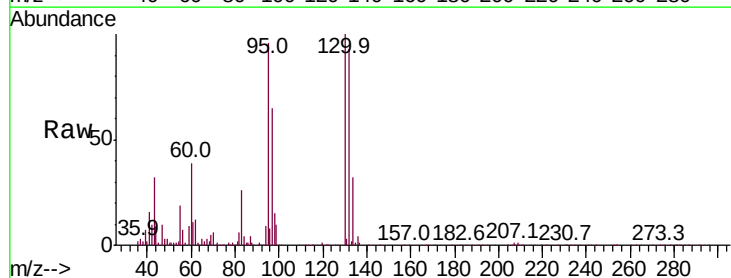
RT: 5.69 min Scan# 523

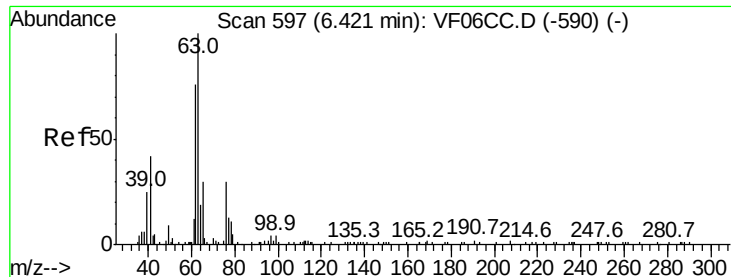
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

| Tgt Ion | 130   | Resp  | 213554 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 130     | 100   |       |        |
| 95      | 96.2  | 0.0   | 188.2  |





#45

1,2-Dichloropropane

Concen: 23.051 ug/l

RT: 6.42 min Scan# 597

Delta R.T. -0.02 min

Lab File: VF062896.D

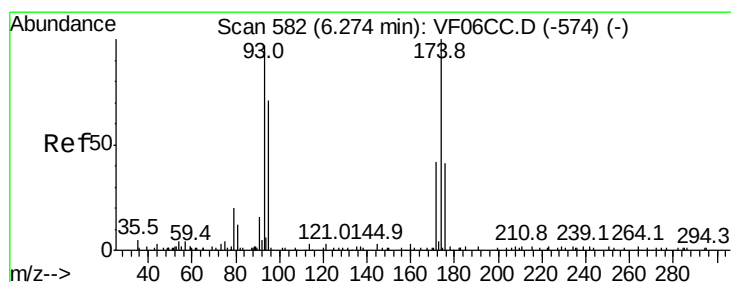
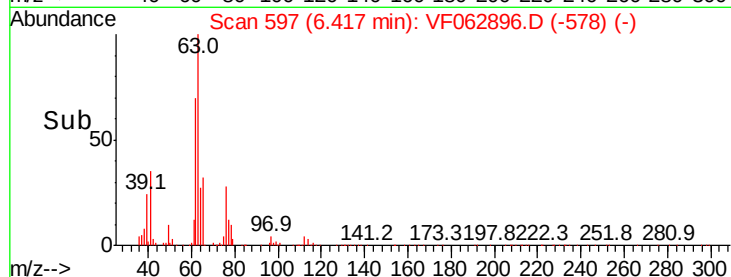
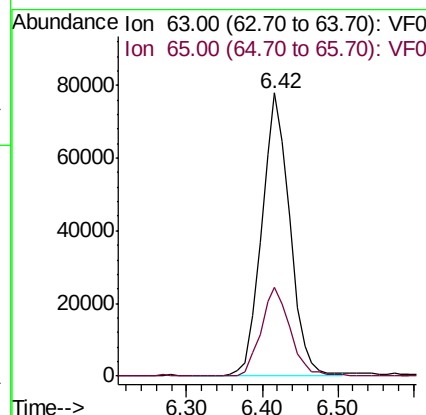
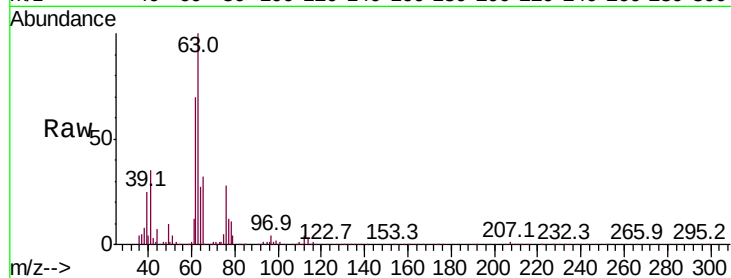
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 202229 |       |       |
| 65      | 31.5  |        | 24.2  | 36.2  |

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#46

Dibromomethane

Concen: 23.179 ug/l

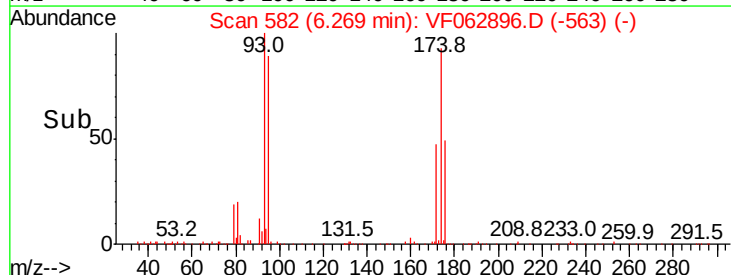
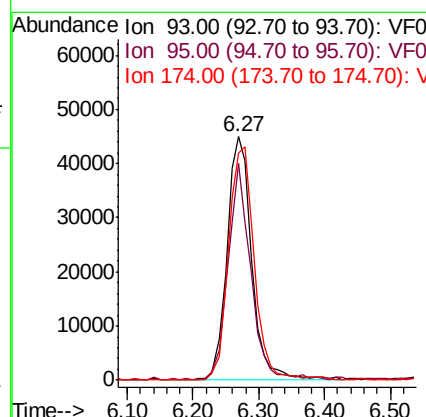
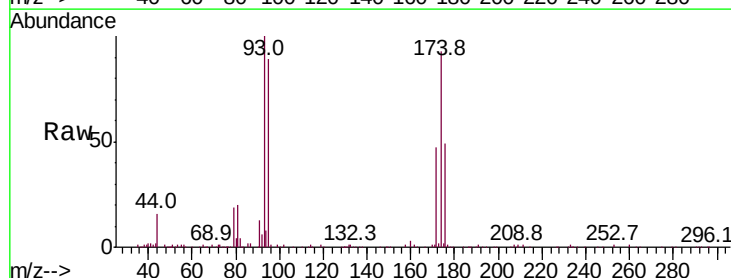
RT: 6.27 min Scan# 582

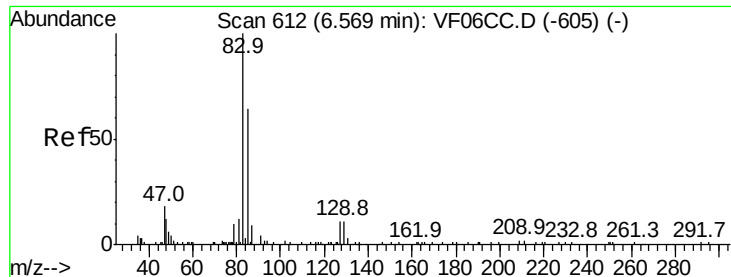
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 118726 |       |       |
| 95      | 89.3  |        | 67.9  | 101.9 |
| 174     | 93.0  |        | 85.0  | 127.4 |





#47

Bromodichloromethane

Concen: 21.974 ug/l

RT: 6.56 min Scan# 612

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

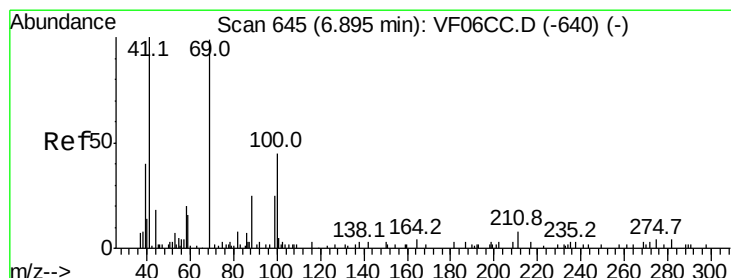
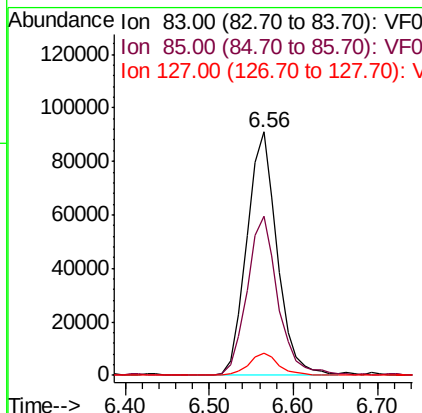
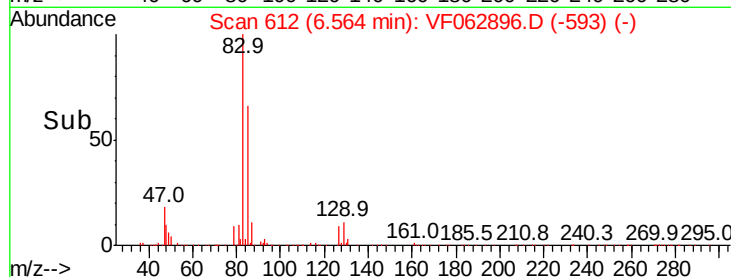
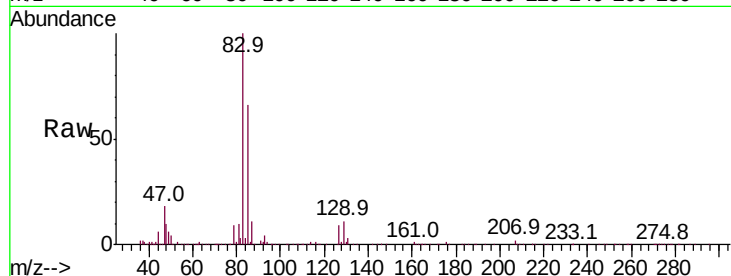
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 229225 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.6  | 54.2  | 81.4   |
| 127       | 9.1   | 7.0   | 10.4   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 21.958 ug/l

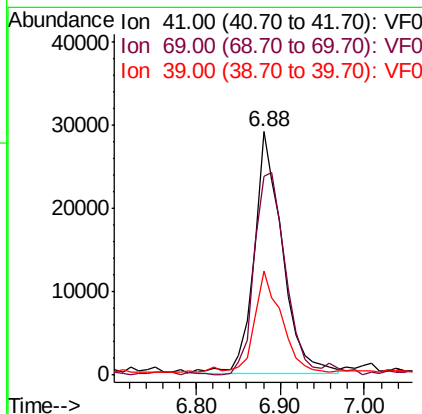
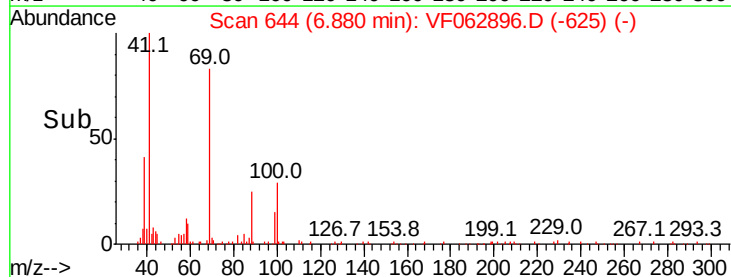
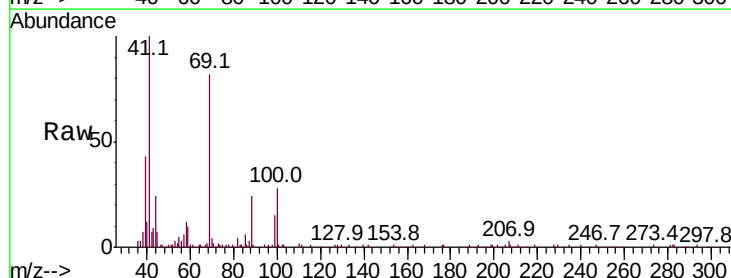
RT: 6.88 min Scan# 644

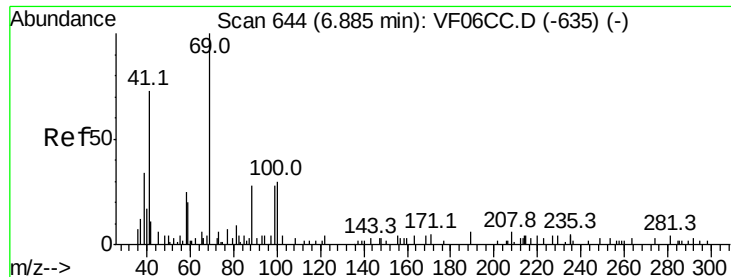
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 68645 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 81.8  | 79.4  | 119.2 |
| 39        | 42.7  | 39.8  | 59.6  |





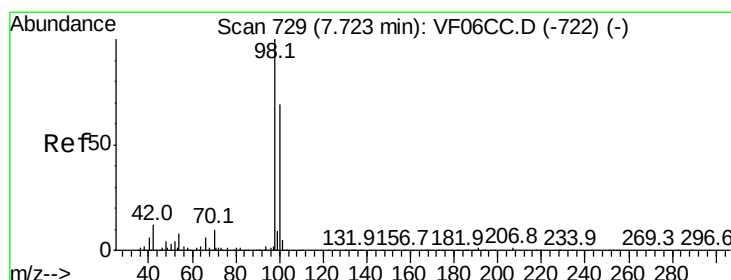
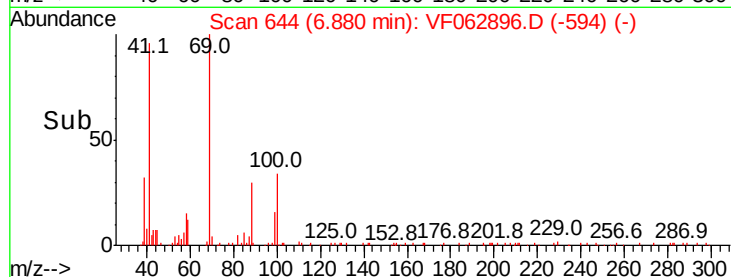
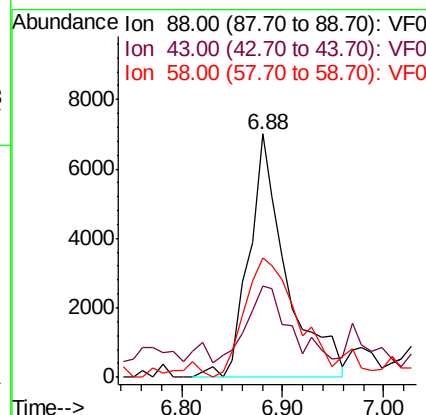
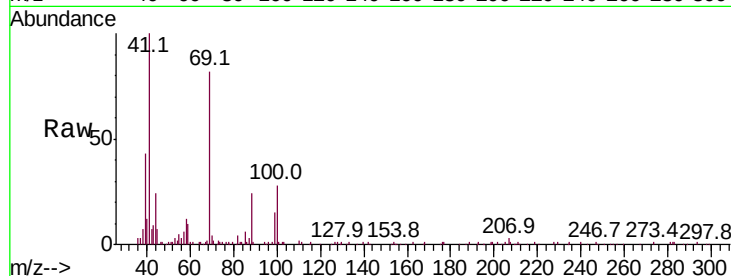
#49  
1,4-Dioxane  
Concen: 438.888 ug/l  
RT: 6.88 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.3  | 34.8  | 52.2  |
| 58      | 49.2  | 59.9  | 89.9# |

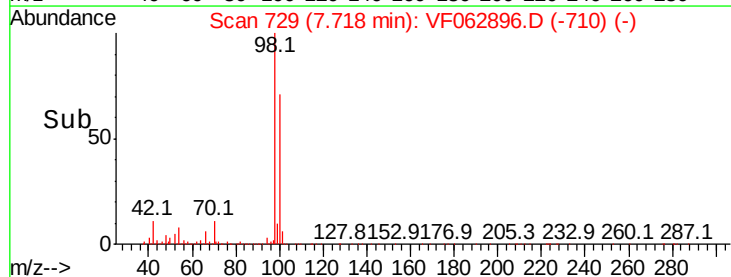
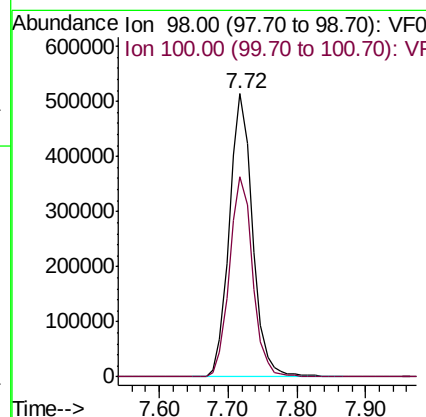
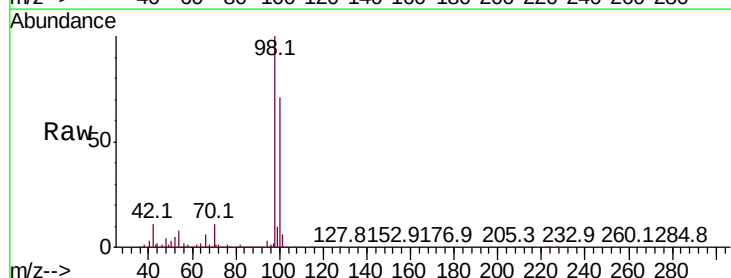
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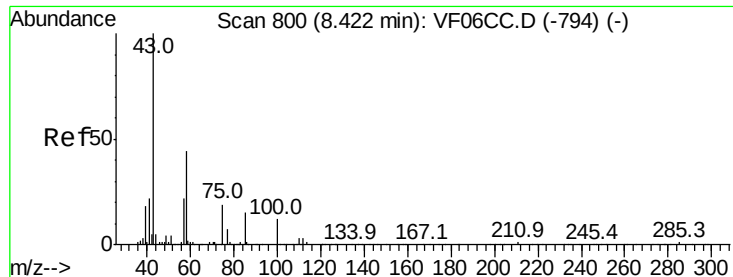
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#50  
Toluene-d8  
Concen: 48.320 ug/l  
RT: 7.72 min Scan# 729  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 70.8  | 59.8  | 89.8  |





#51

4-Methyl-2-Pentanone

Concen: 125.739 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampled :

VF0607SBS01

Tot Ion: 43 Resp: 544539

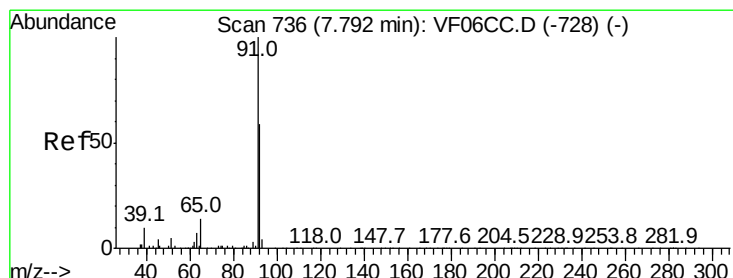
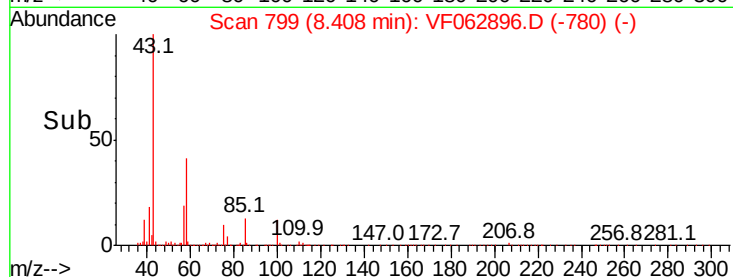
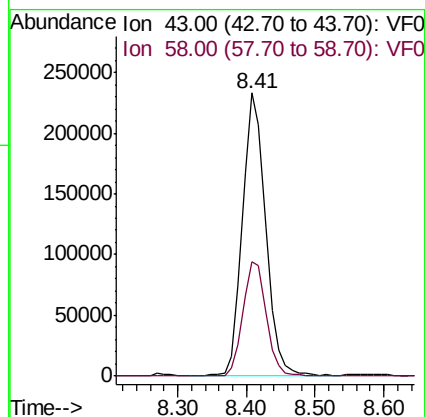
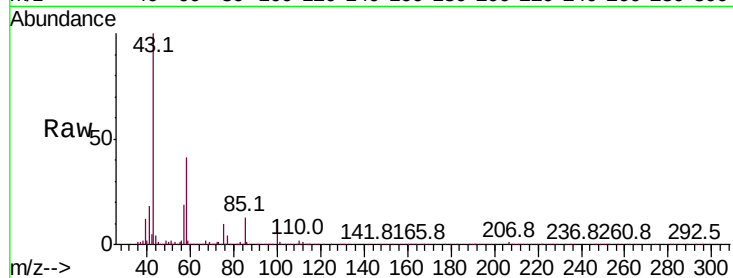
Ion Ratio Lower Upper

43 100

58 40.5 35.5 53.3

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#52

Toluene

Concen: 22.014 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.02 min

Lab File: VF062896.D

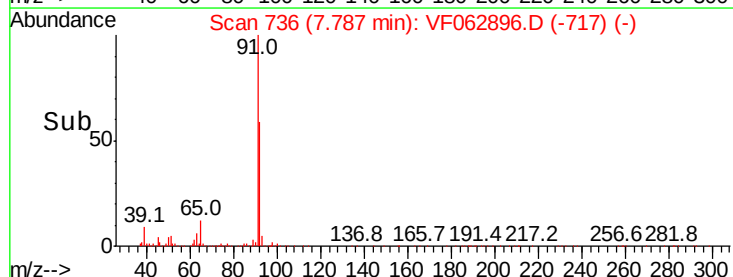
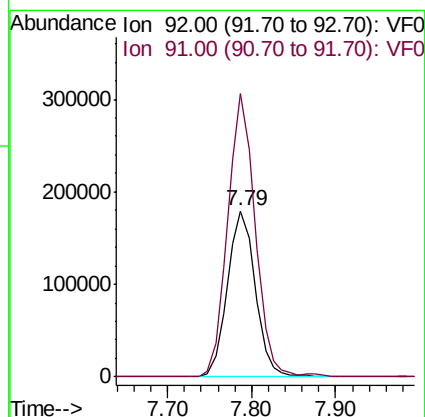
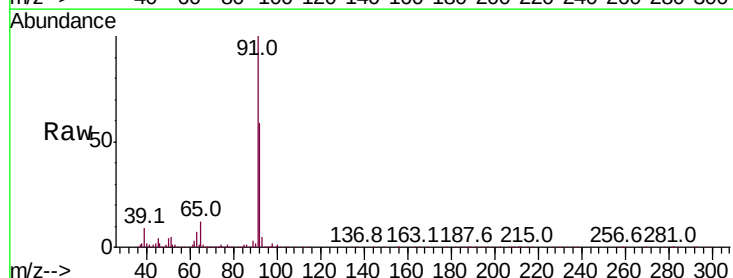
Acq: 7 Jun 2019 13:28

Tgt Ion: 92 Resp: 414517

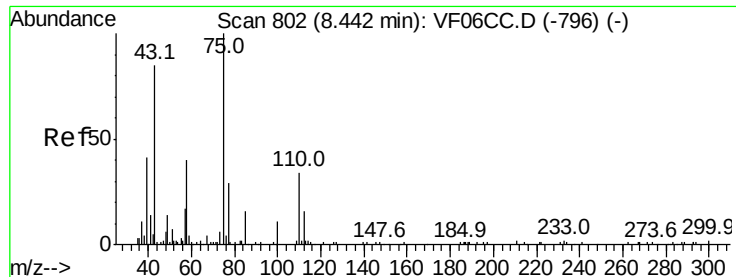
Ion Ratio Lower Upper

92 100

91 170.3 123.2 184.8







#53

t-1,3-Dichloropropene

Concen: 24.978 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion: 75 Resp: 215916

Ion Ratio Lower Upper

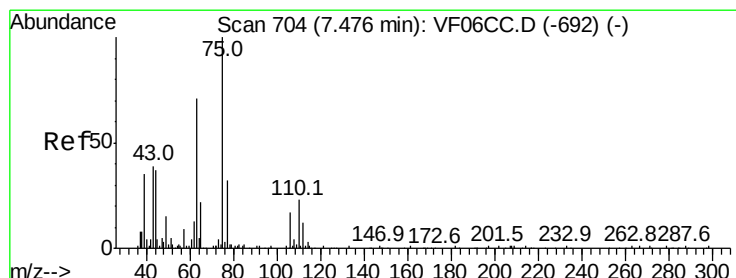
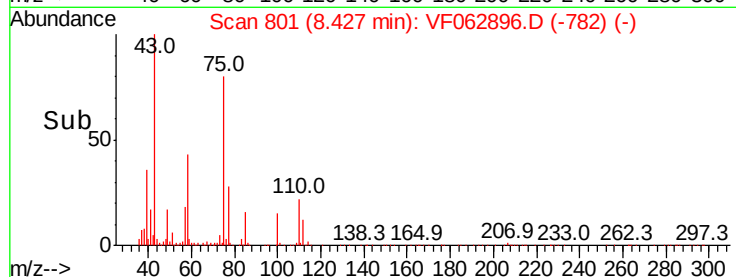
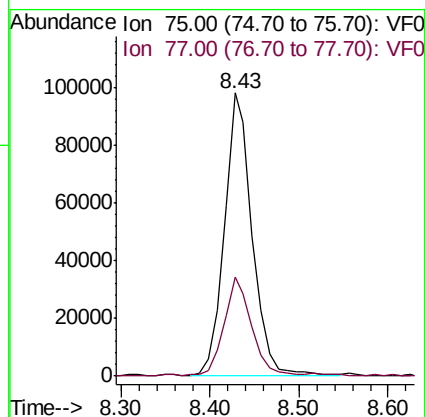
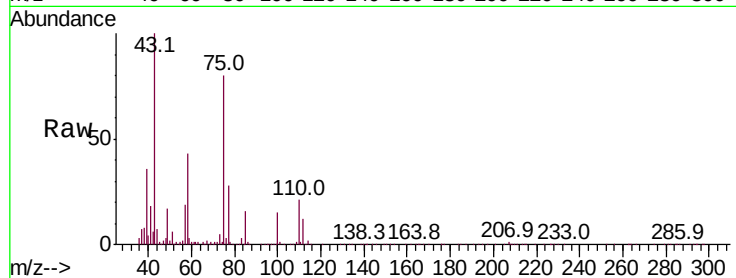
75 100

77 34.9 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 21.301 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

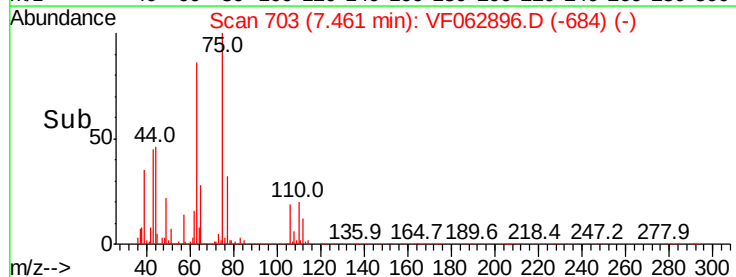
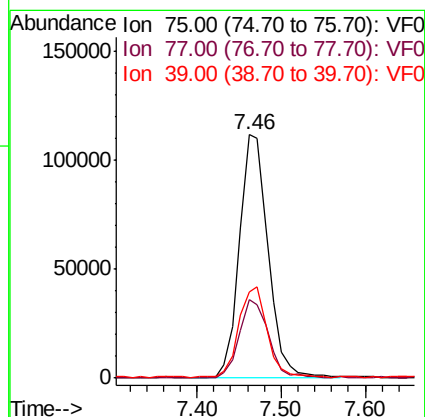
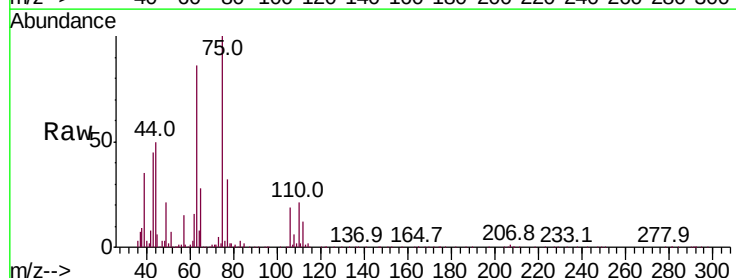
Tgt Ion: 75 Resp: 266534

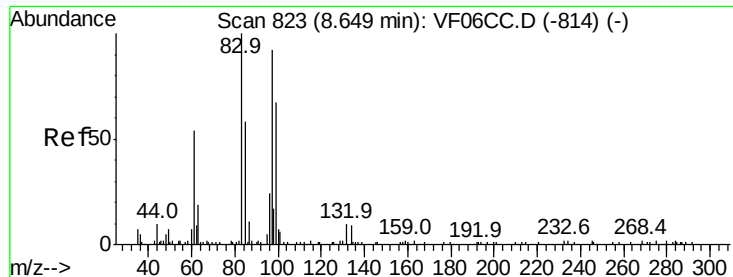
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 35.4 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 22.618 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

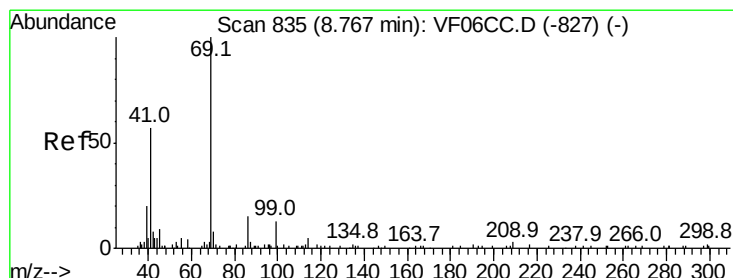
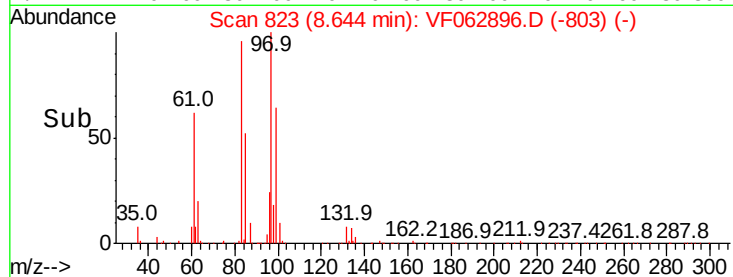
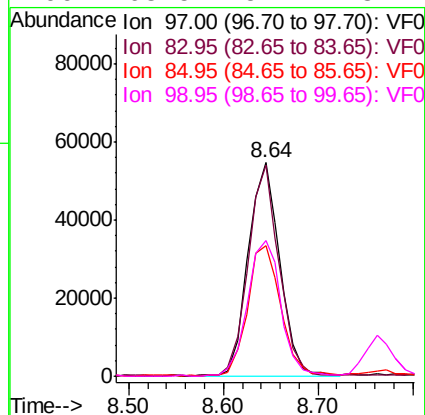
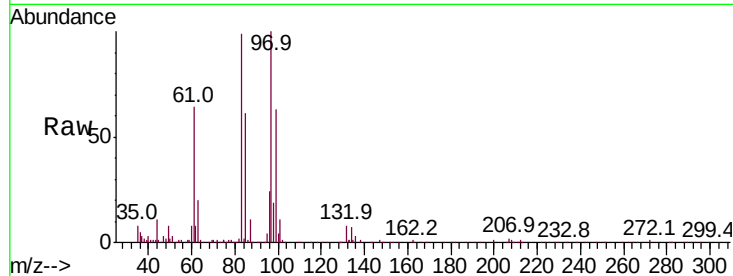
ClientSampleId :

VF0607SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 127236 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 98.8  | 72.0  | 108.0  |
| 85       | 61.0  | 47.5  | 71.3   |
| 99       | 63.5  | 54.1  | 81.1   |

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#56

Ethyl methacrylate

Concen: 22.235 ug/l

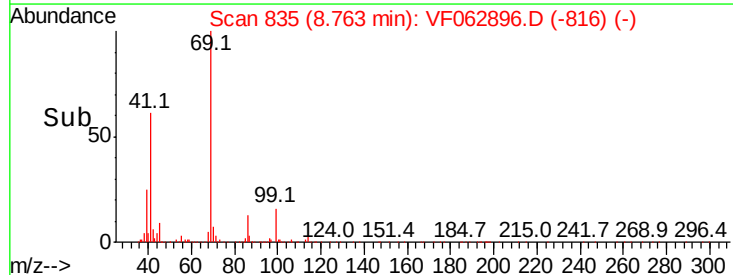
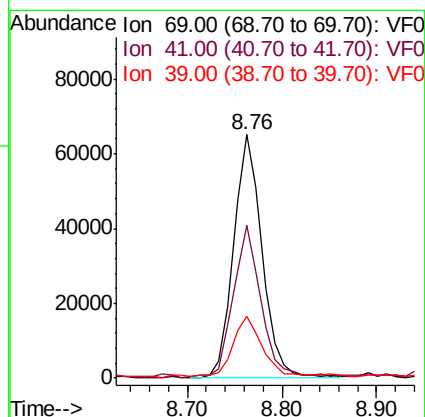
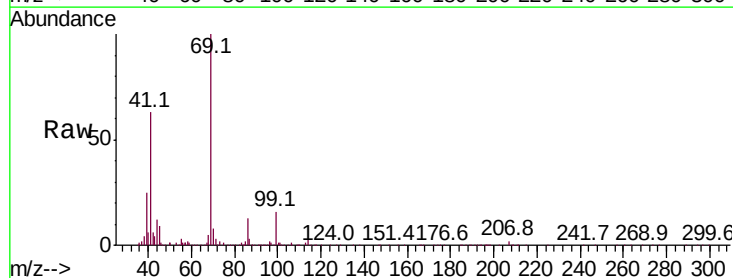
RT: 8.76 min Scan# 835

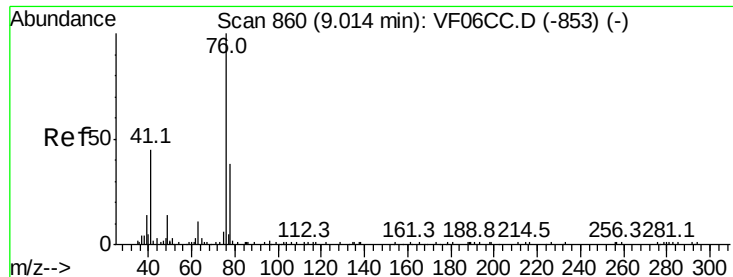
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134208 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.9  | 46.6  | 69.8   |
| 39       | 25.3  | 19.6  | 29.4   |





#57

1,3-Dichloropropane

Concen: 24.440 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.02 min

Lab File: VF062896.D

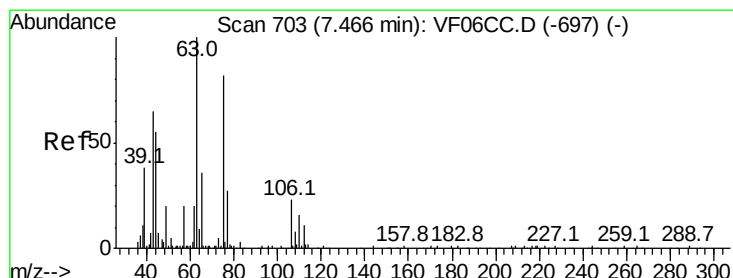
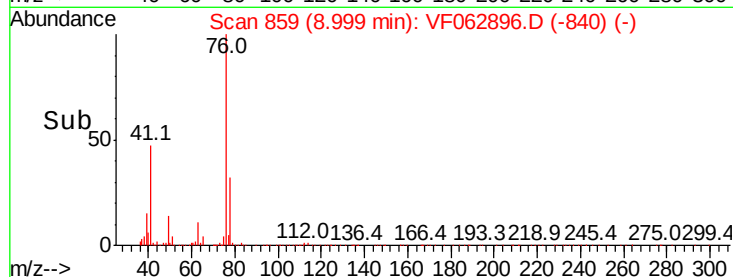
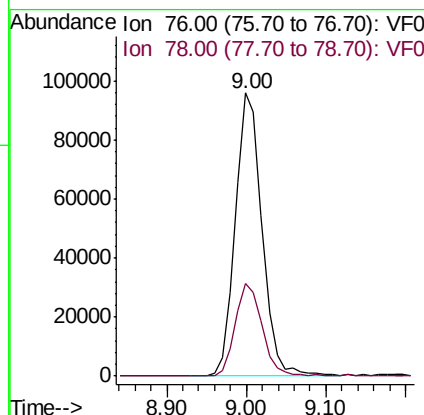
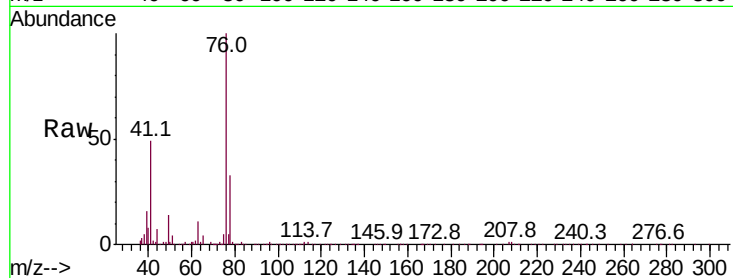
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.6  | 26.8  | 40.2  |

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#58

2-Chloroethyl Vinyl ether

Concen: 104.403 ug/l

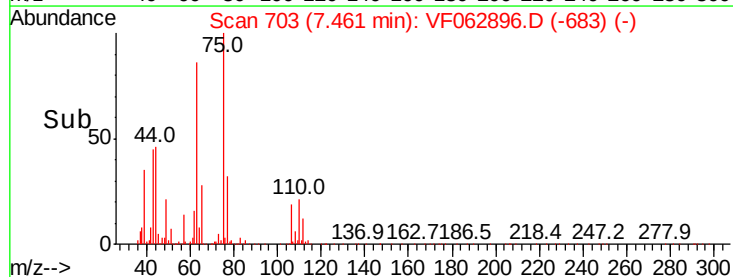
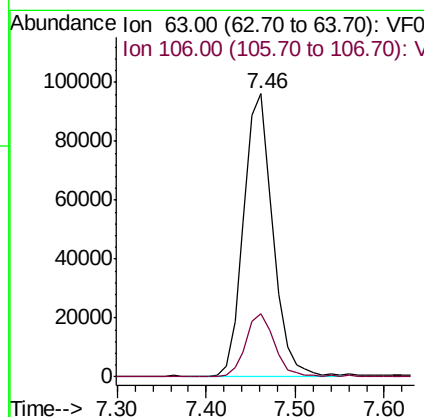
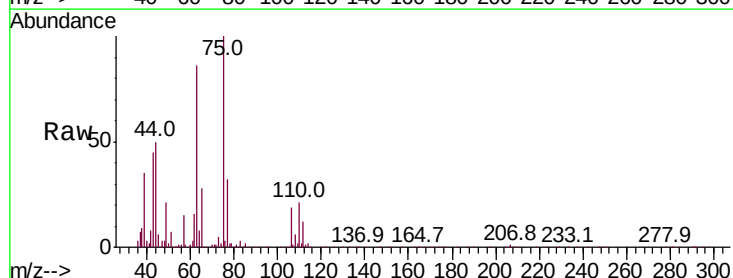
RT: 7.46 min Scan# 703

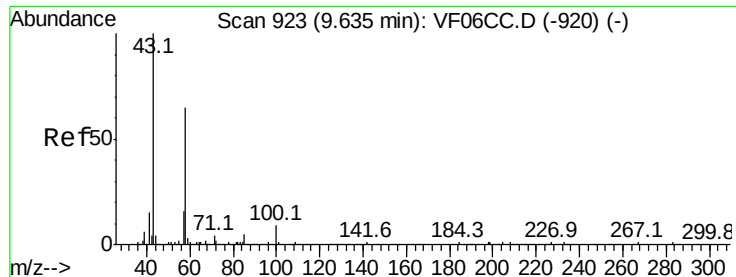
Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 22.5  | 19.5  | 29.3  |





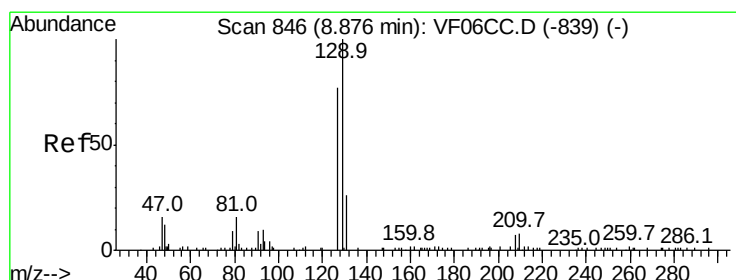
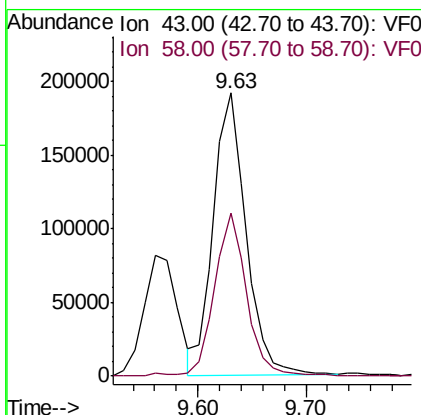
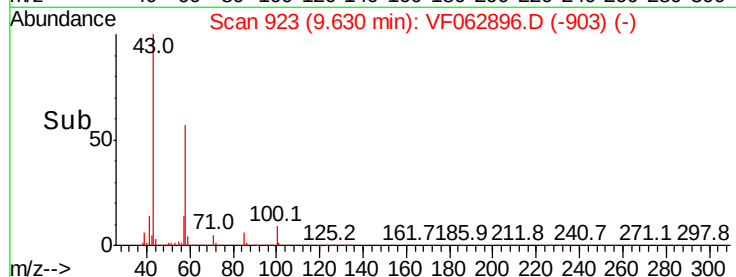
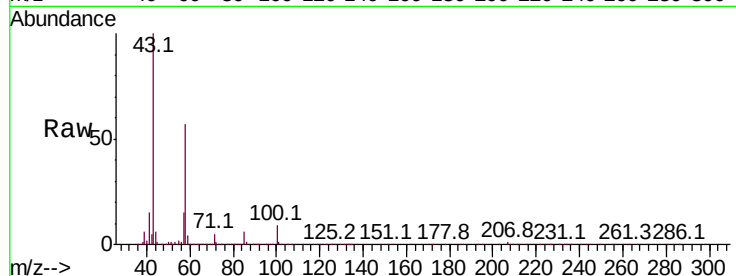
#59  
2-Hexanone  
Concen: 129.592 ug/l  
RT: 9.63 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 43 Resp: 400023  
Ion Ratio Lower Upper  
43 100  
58 57.5 29.3 87.9

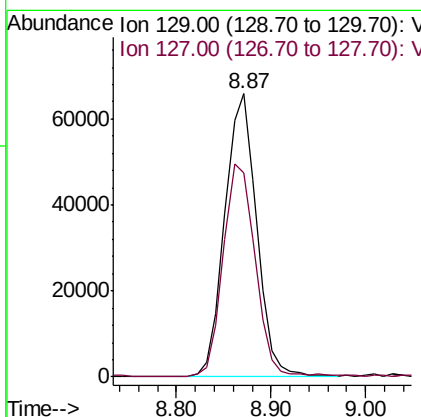
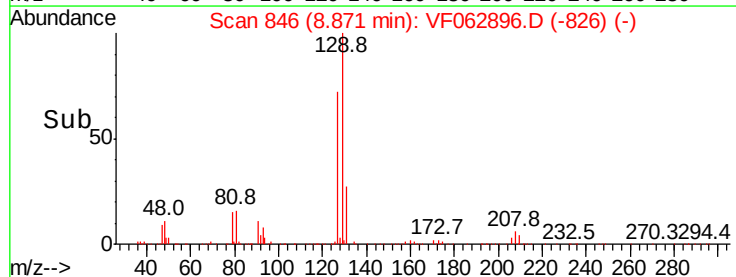
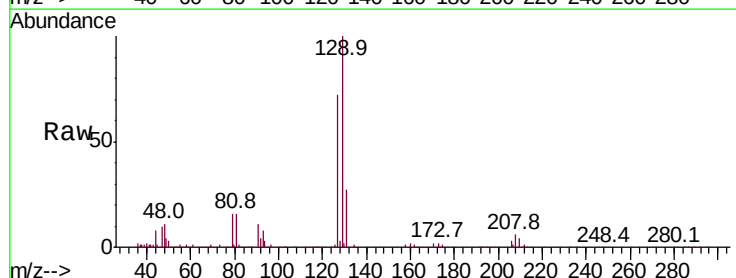
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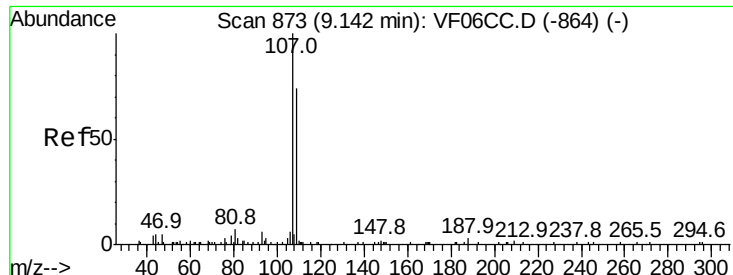
MMDadoda  
6/10/2019 12:25:34 PM



#60  
Dibromochloromethane  
Concen: 22.118 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 129 Resp: 154043  
Ion Ratio Lower Upper  
129 100  
127 72.1 37.1 111.3





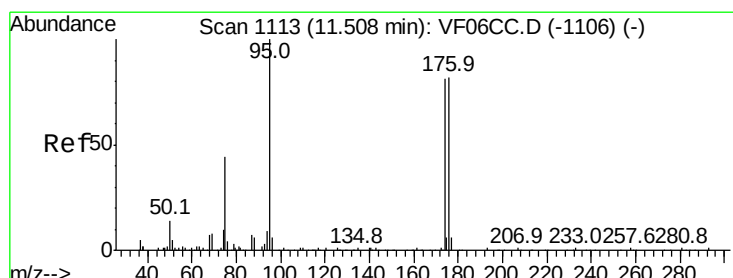
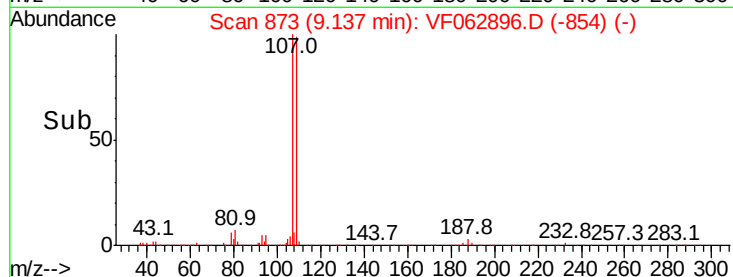
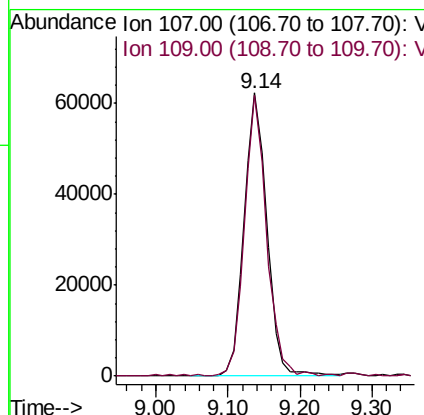
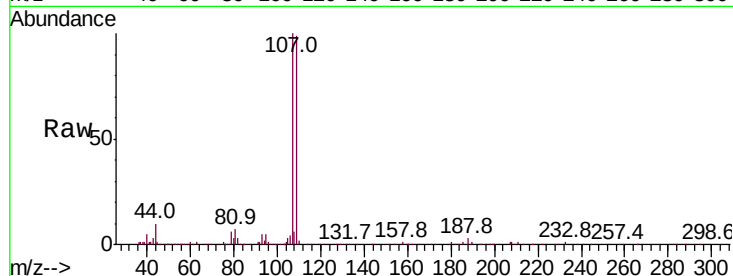
#61  
1,2-Dibromoethane  
Concen: 23.717 ug/l  
RT: 9.14 min Scan# 873  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 99.3  | 78.1  | 117.1 |

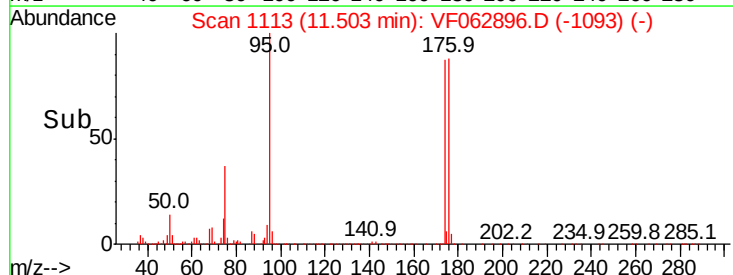
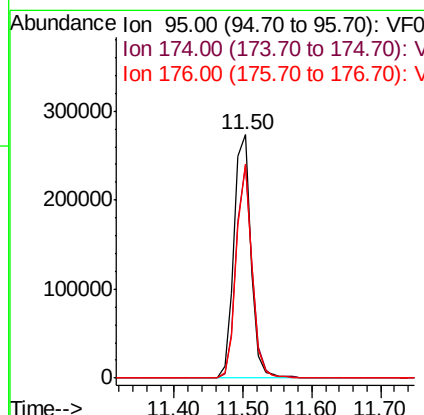
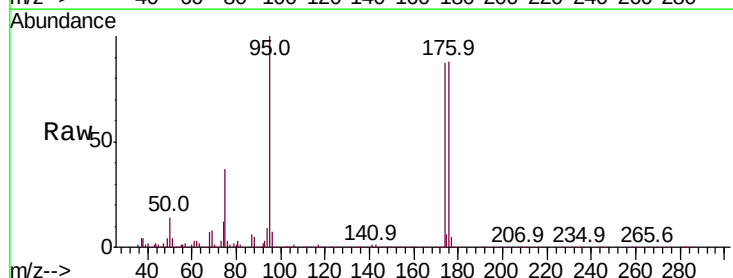
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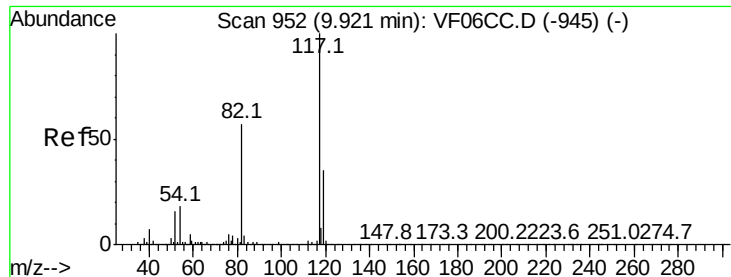
MMDadoda  
6/10/2019 12:25:34 PM



#62  
4-Bromofluorobenzene  
Concen: 52.397 ug/l  
RT: 11.50 min Scan# 1113  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 87.4  | 0.0   | 170.6 |
| 176     | 88.2  | 0.0   | 170.6 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion:117 Resp: 1037946

Ion Ratio Lower Upper

117 100

82 55.2 42.4 63.6

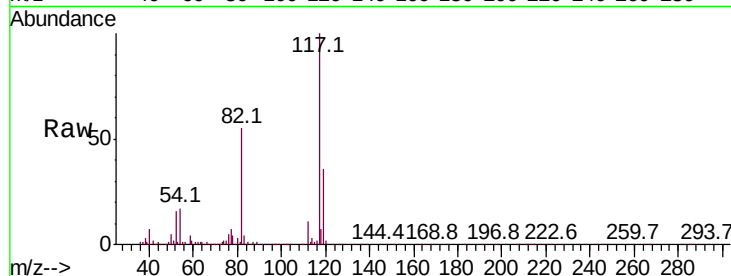
119 36.0 27.1 40.7

Manual Integrations

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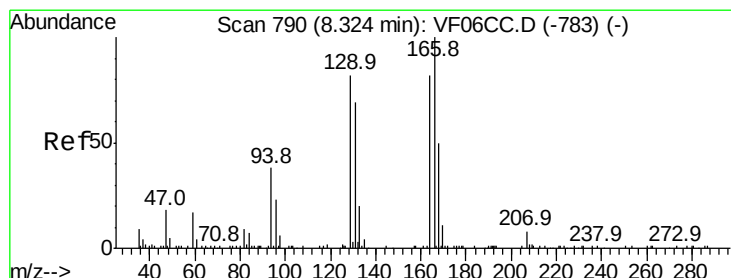
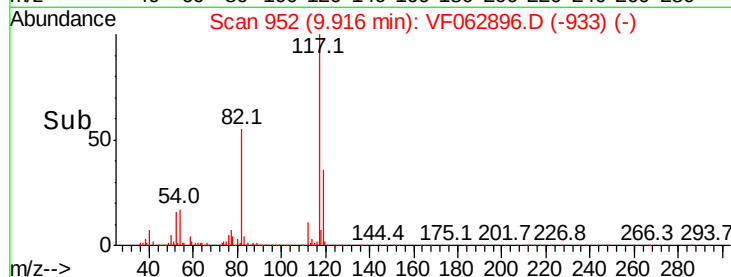
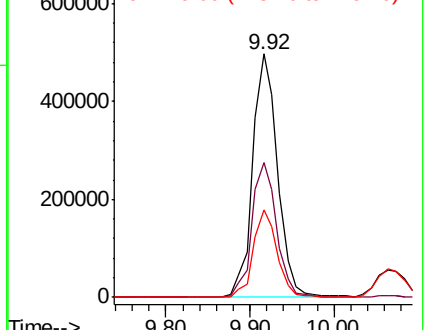
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 21.995 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion:164 Resp: 175434

Ion Ratio Lower Upper

164 100

166 130.0 99.1 148.7

129 94.8 69.5 104.3

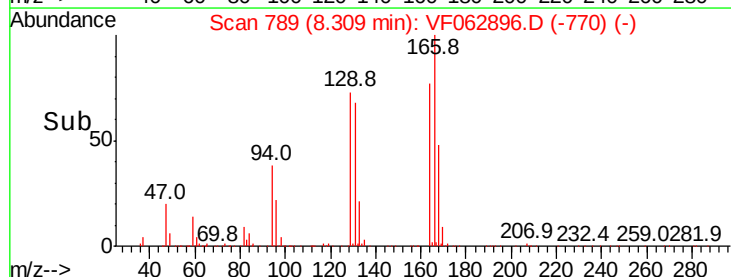
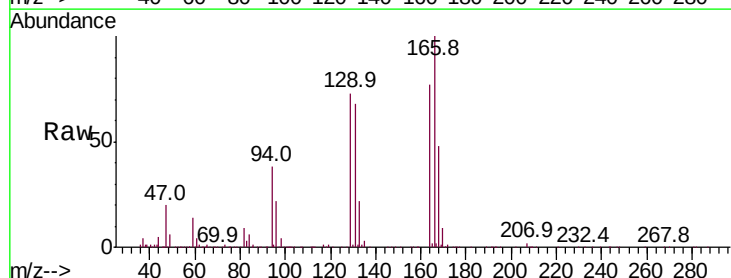
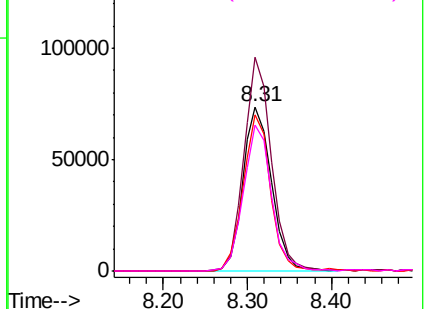
131 88.7 69.2 103.8

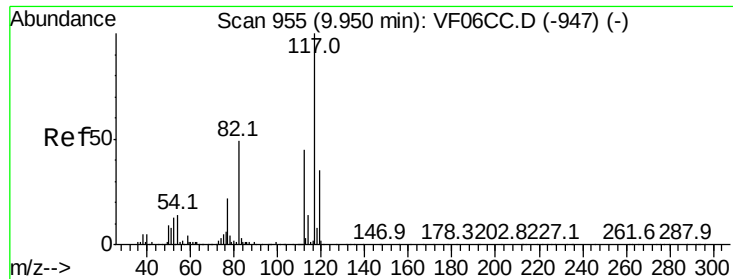
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





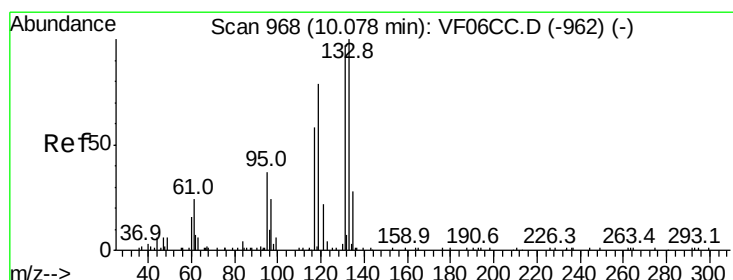
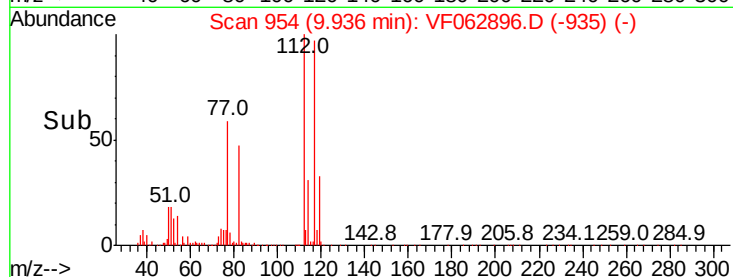
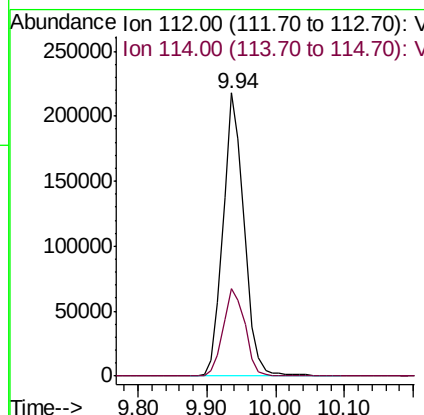
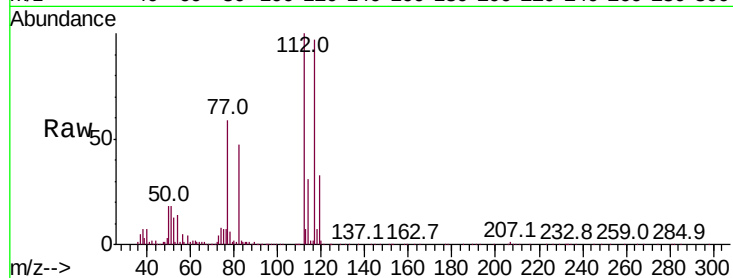
#65  
Chlorobenzene  
Concen: 23.052 ug/l  
RT: 9.94 min Scan# 954  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion:112 Resp: 462072  
Ion Ratio Lower Upper  
112 100  
114 31.1 27.4 41.0

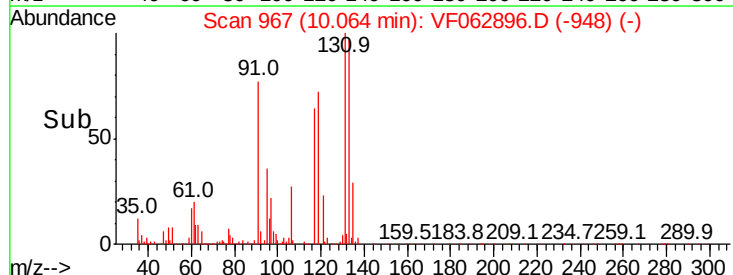
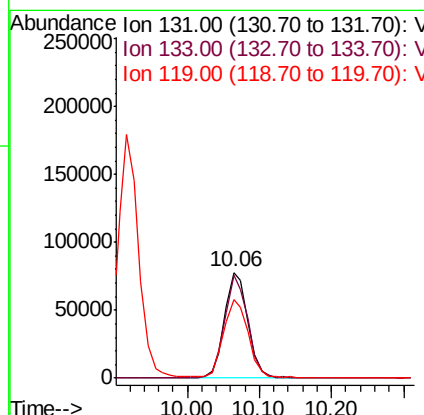
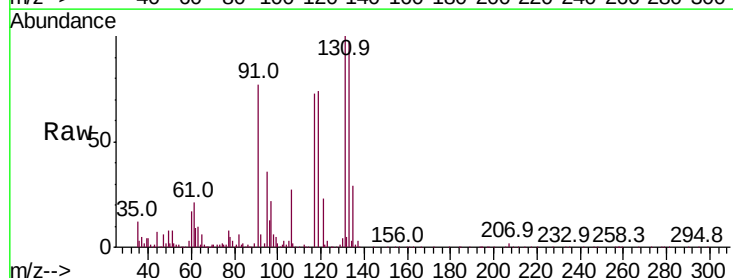
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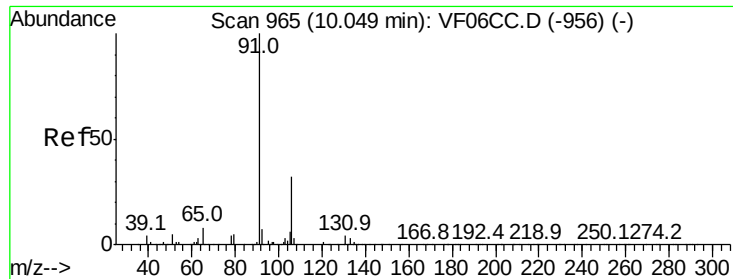
MMDadoda  
6/10/2019 12:25:34 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.950 ug/l  
RT: 10.06 min Scan# 967  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion:131 Resp: 175226  
Ion Ratio Lower Upper  
131 100  
133 97.3 48.9 146.7  
119 74.2 38.0 114.0





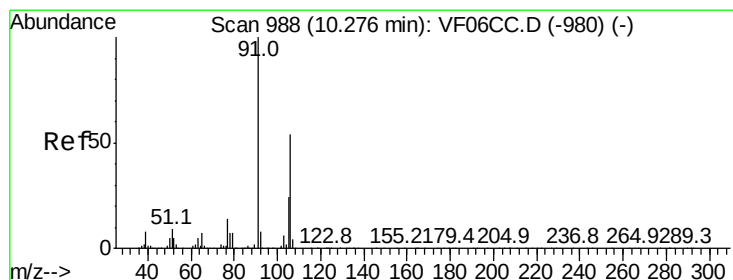
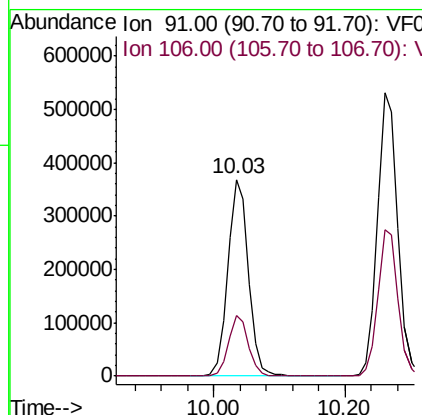
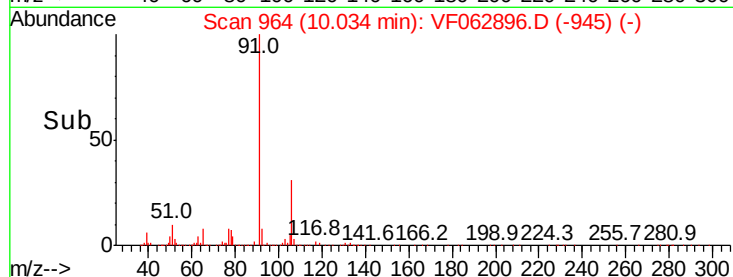
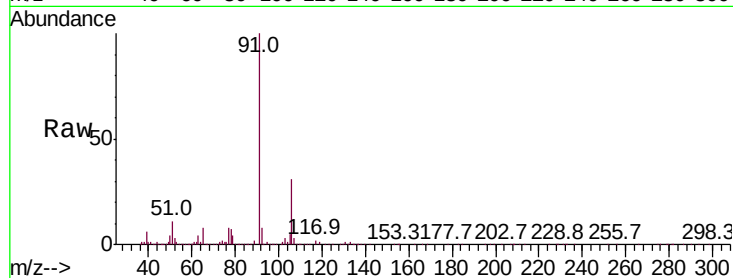
#67  
Ethyl Benzene  
Concen: 23.359 ug/l  
RT: 10.03 min Scan# 964  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 91 Resp: 803487  
Ion Ratio Lower Upper  
91 100  
106 30.8 26.0 39.0

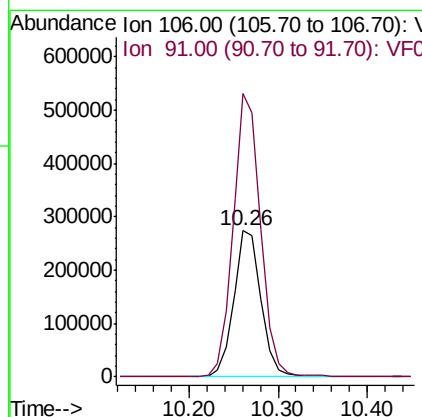
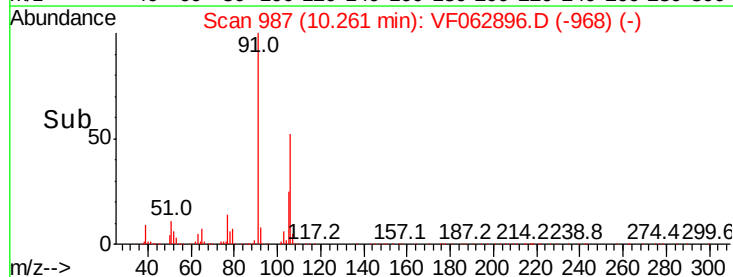
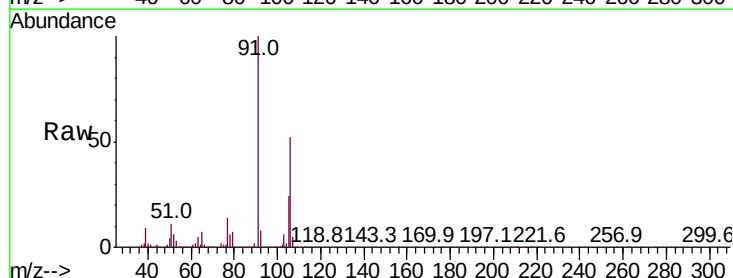
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6/10/2019 12:25:34 PM

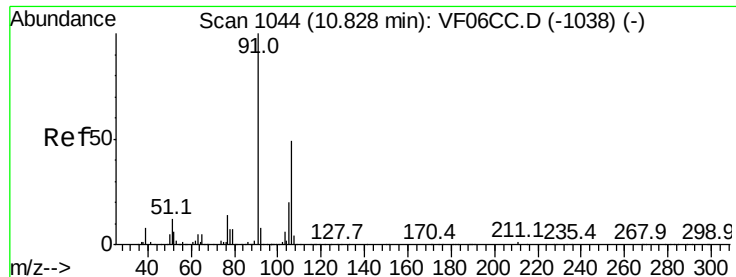


#68  
m/p-Xylenes  
Concen: 44.437 ug/l  
RT: 10.26 min Scan# 987  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 106 Resp: 584897  
Ion Ratio Lower Upper  
106 100  
91 193.6 136.2 204.4







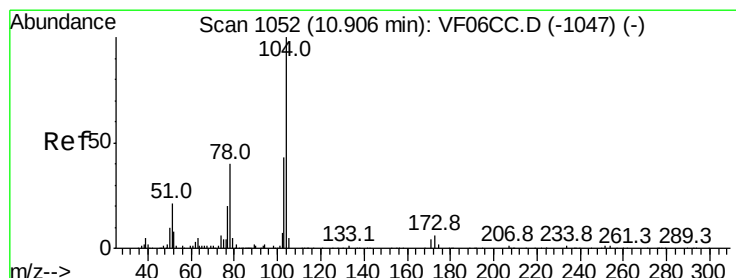
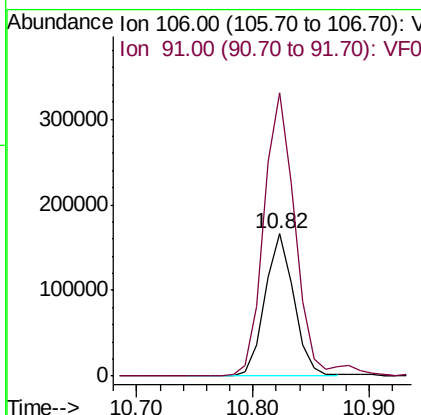
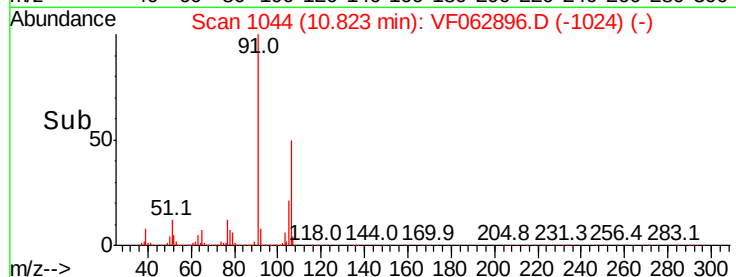
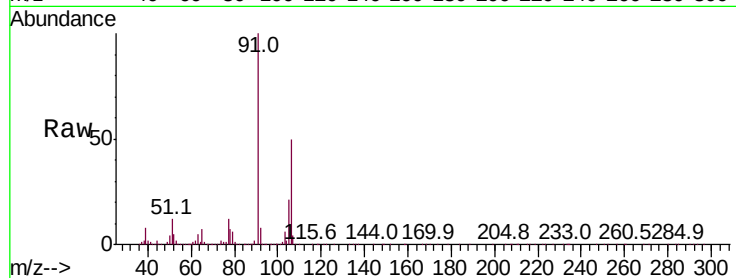
#69  
o-Xylene  
Concen: 21.463 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 286030 |       |       |
| 91      | 198.7 | 96.6   | 289.8 |       |

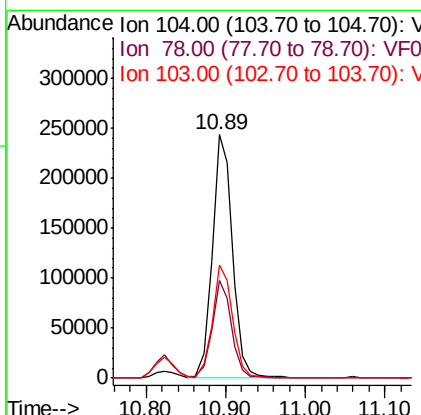
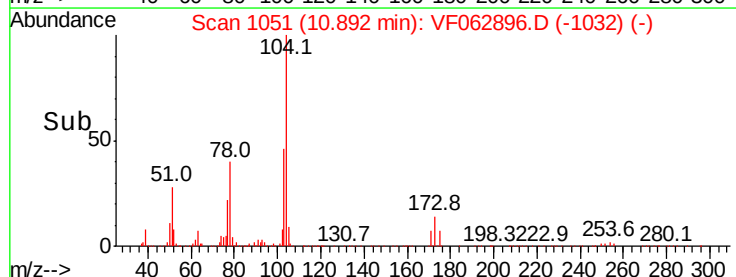
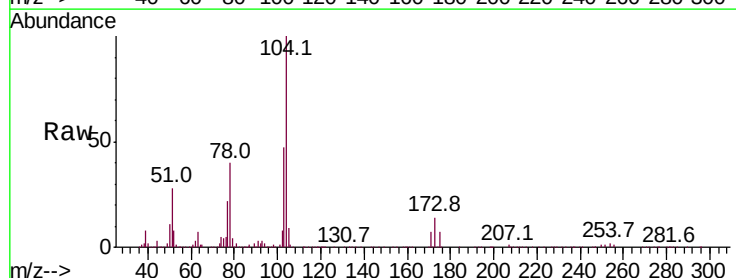
Manual Integrations  
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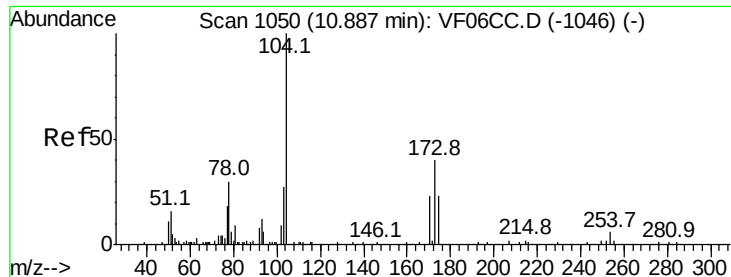
MMDadoda  
6/10/2019 12:25:34 PM



#70  
Styrene  
Concen: 22.150 ug/l  
RT: 10.89 min Scan# 1051  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 435077 |       |       |
| 78      | 40.1  | 30.8   | 46.2  |       |
| 103     | 46.5  | 35.8   | 53.6  |       |





#71

Bromoform

Concen: 21.294 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

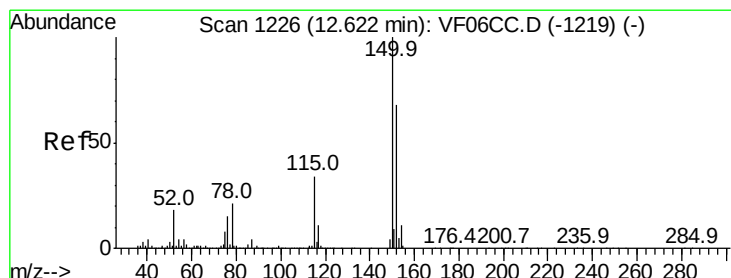
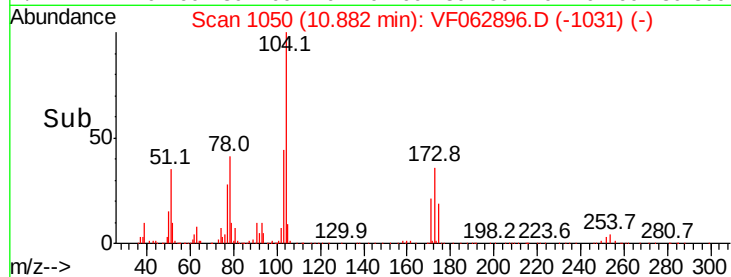
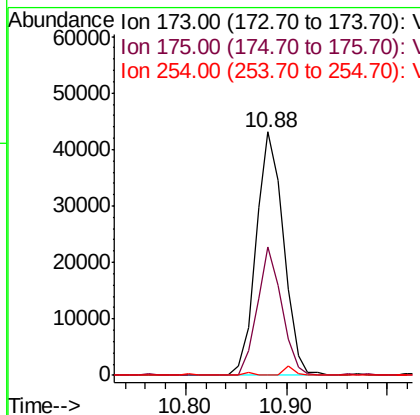
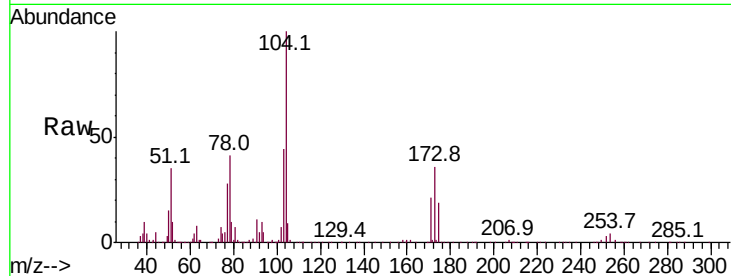
ClientSampleId :

VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 52.8  | 24.6  | 74.0  |
| 254     | 0.0   | 0.1   | 0.1#  |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

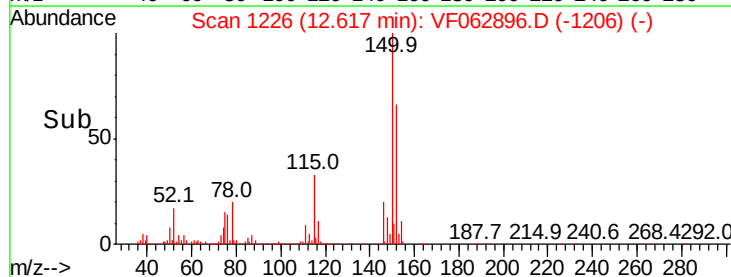
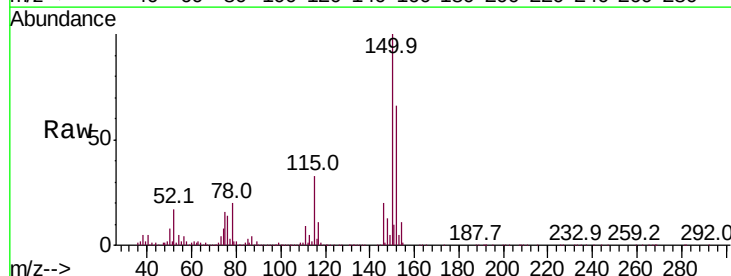
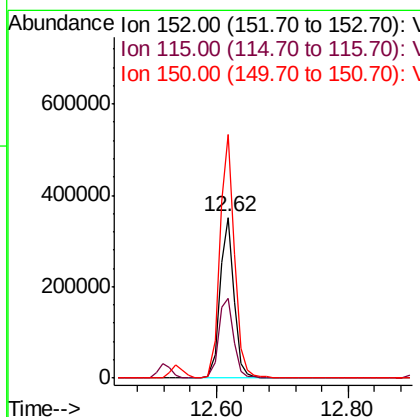
RT: 12.62 min Scan# 1226

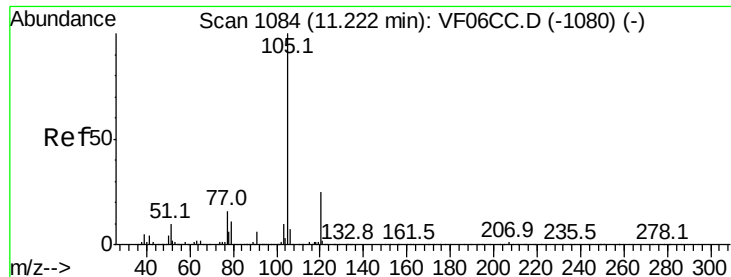
Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 49.8  | 24.6  | 74.0  |
| 150     | 151.2 | 0.0   | 290.6 |





#73

Isopropylbenzene

Concen: 21.822 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion:105 Resp: 791629

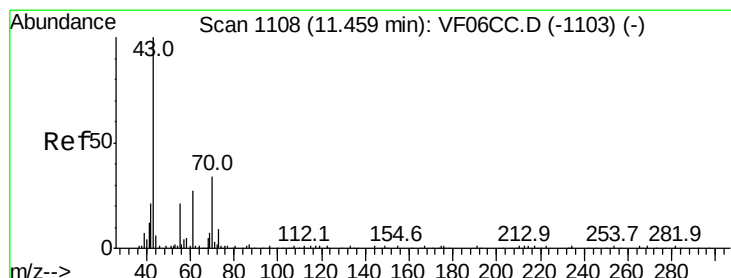
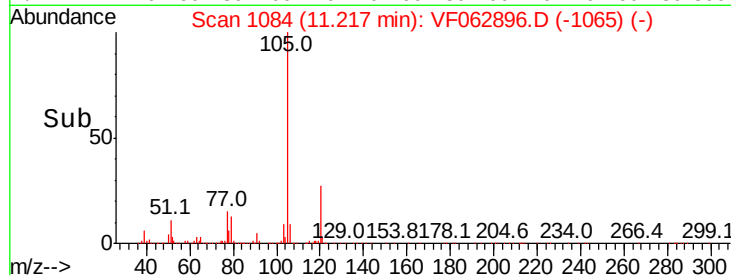
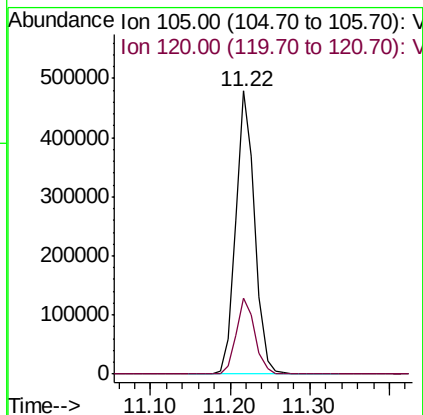
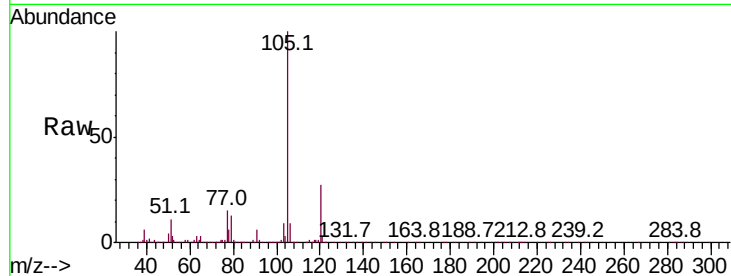
Ion Ratio Lower Upper

105 100

120 26.9 15.1 45.3

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#74

N-ethyl acetate

Concen: 21.125 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Tgt Ion: 43 Resp: 215984

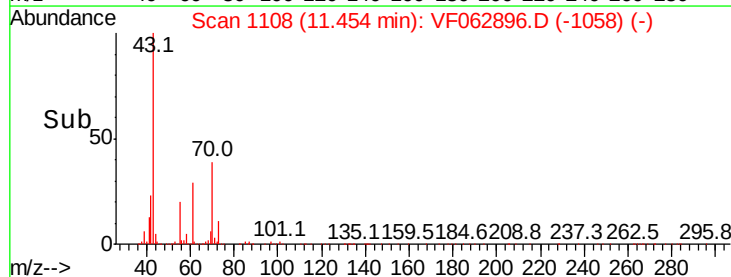
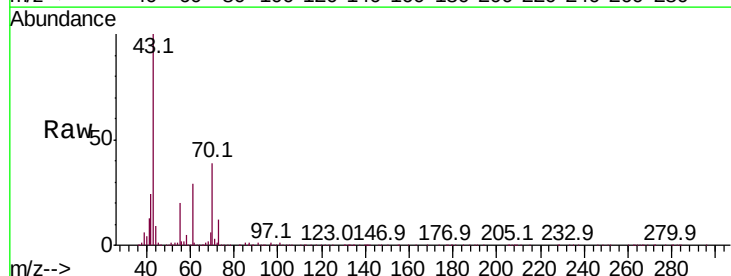
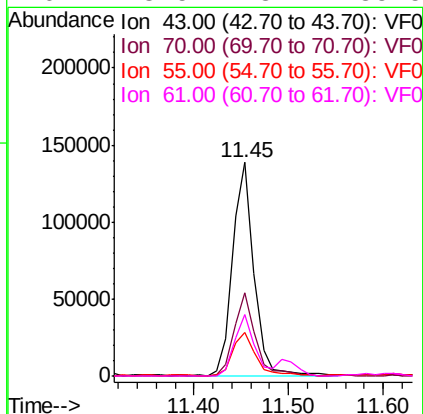
Ion Ratio Lower Upper

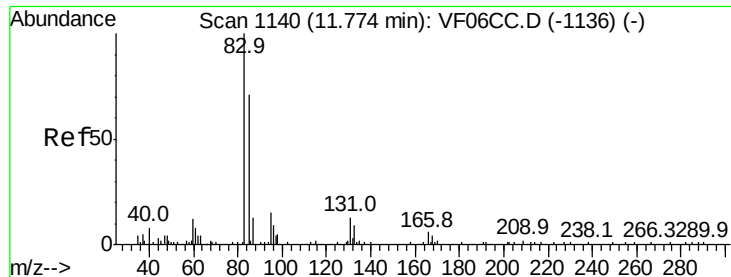
43 100

70 39.1 32.9 49.3

55 20.4 17.3 25.9

61 28.5 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.957 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

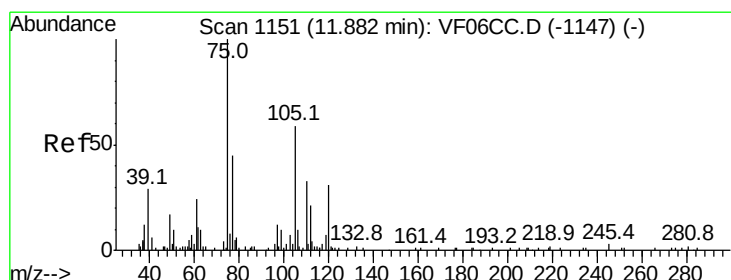
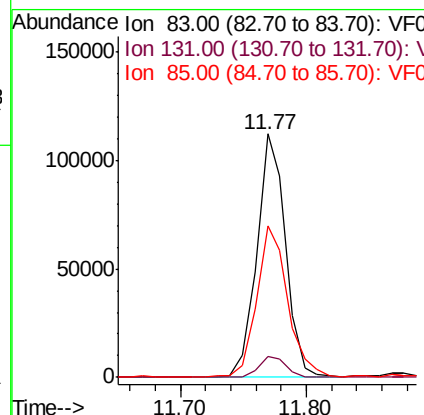
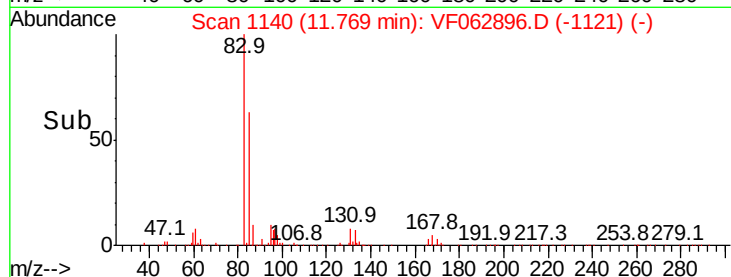
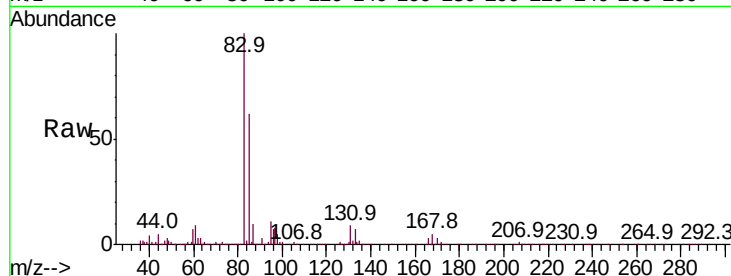
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 177843 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.6   | 4.9   | 14.7   |
| 85        | 62.5  | 32.1  | 96.5   |

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#76

1,2,3-Trichloropropane

Concen: 21.996 ug/l

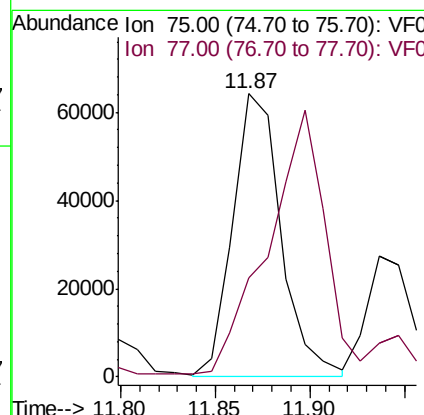
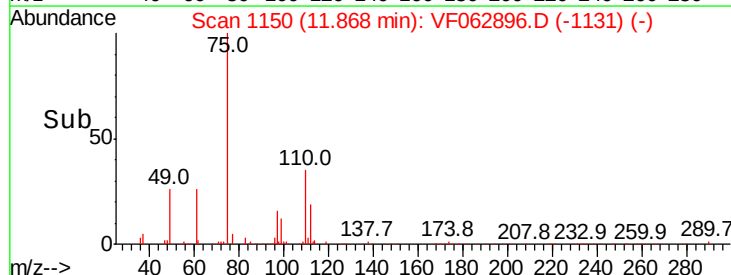
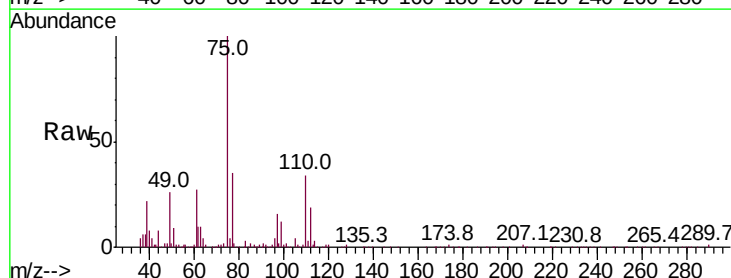
RT: 11.87 min Scan# 1150

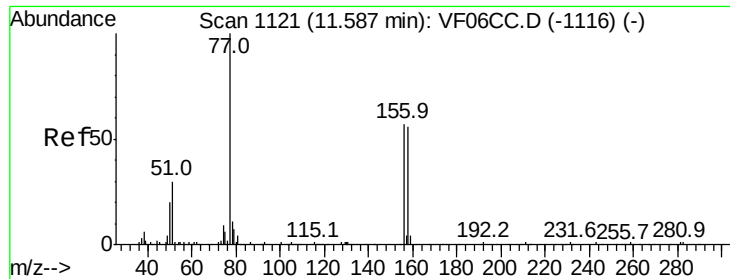
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 112951 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 34.9  | 20.1  | 60.2   |





#77

Bromobenzene

Concen: 20.849 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

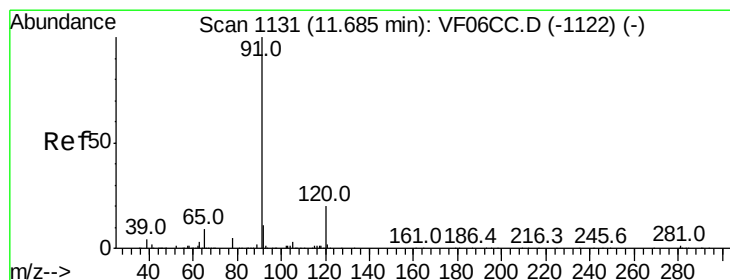
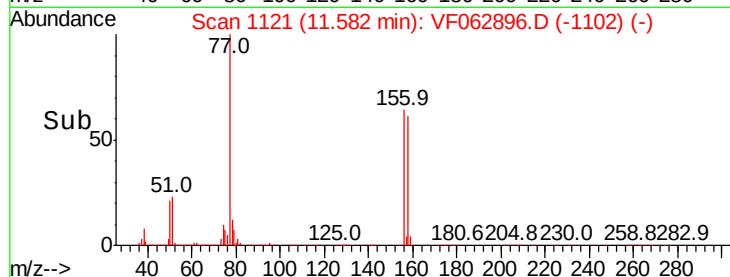
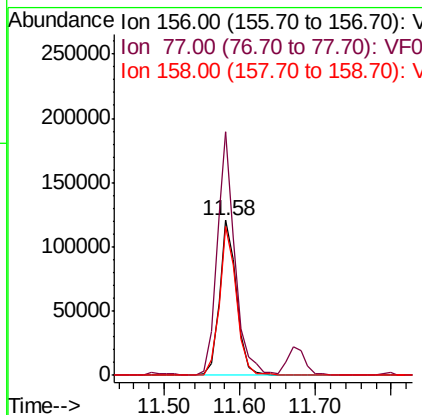
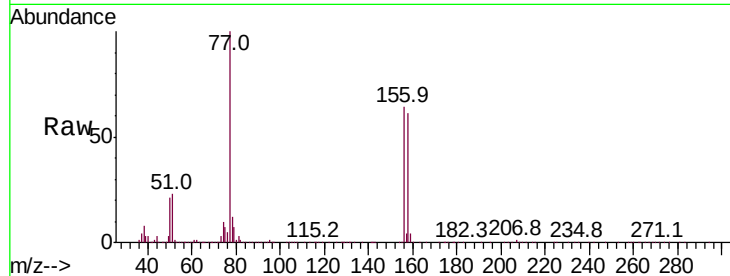
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 190032 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 157.2 | 64.2  | 192.6  |
| 158       | 96.4  | 50.3  | 151.0  |

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#78

n-propylbenzene

Concen: 22.893 ug/l

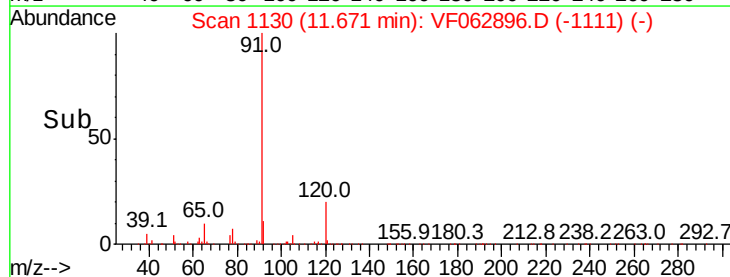
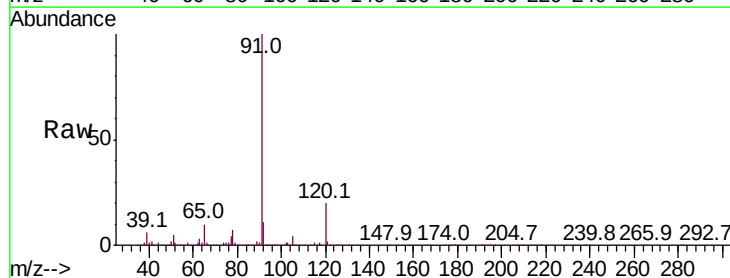
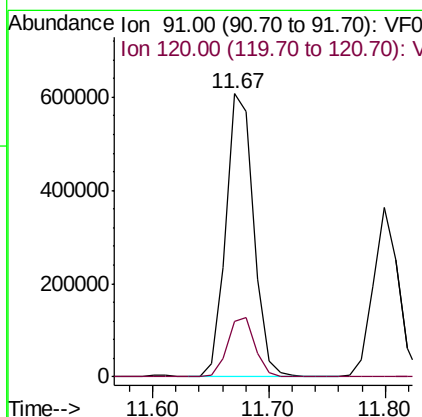
RT: 11.67 min Scan# 1130

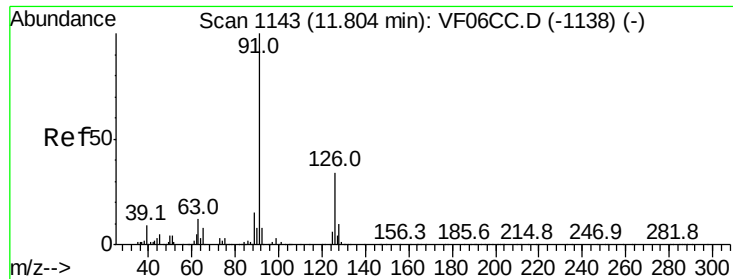
Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1002743 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 19.8  | 12.8  | 38.4    |





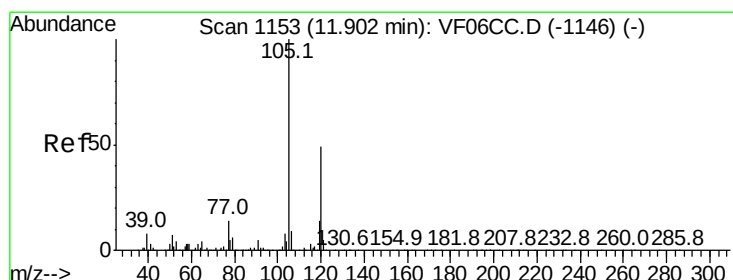
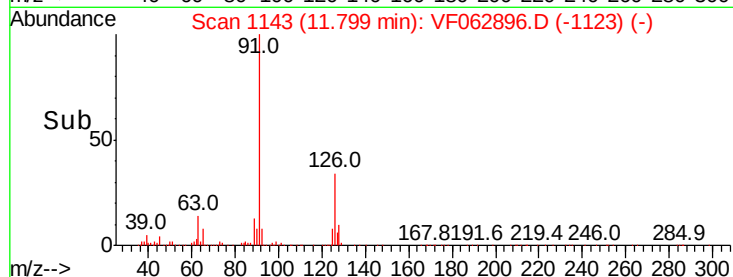
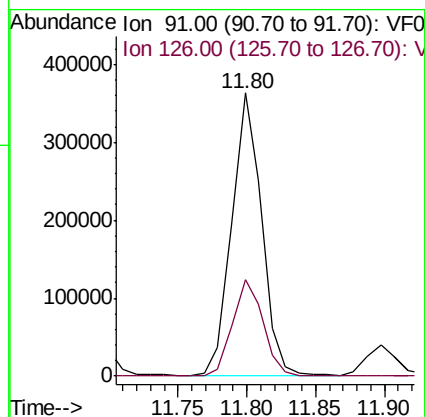
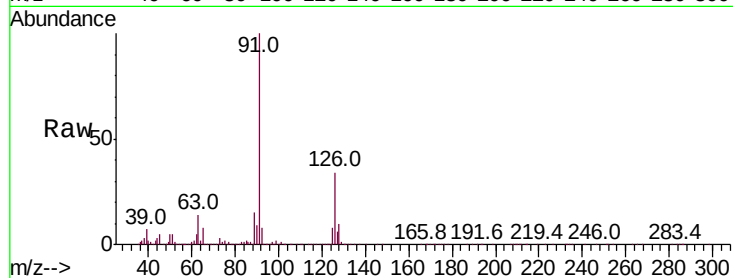
#79  
2-Chlorotoluene  
Concen: 21.725 ug/l  
RT: 11.80 min Scan# 1143  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

Tot Ion: 91 Resp: 544482  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.8 53.3

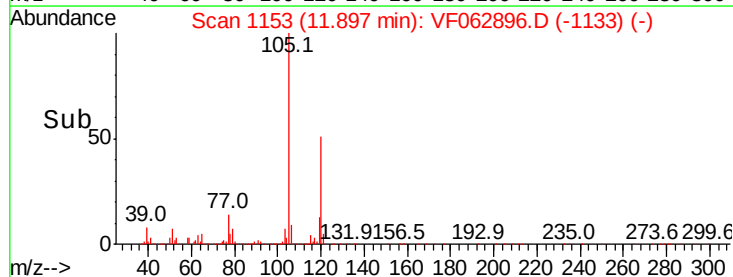
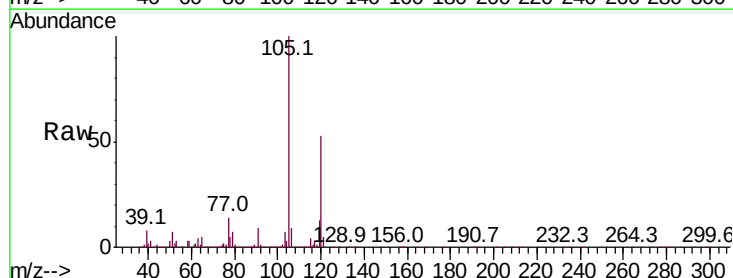
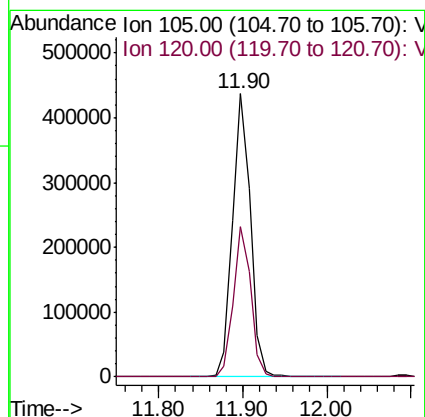
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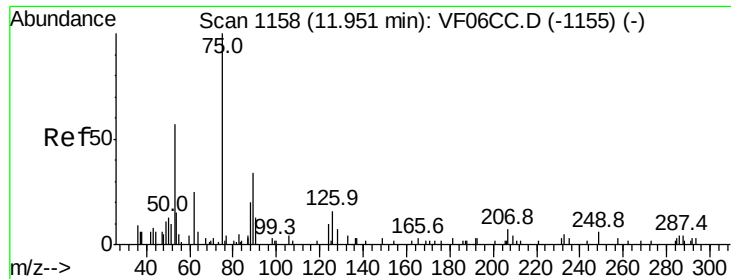
MMDadoda  
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.797 ug/l  
RT: 11.90 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Tgt Ion: 105 Resp: 646641  
Ion Ratio Lower Upper  
105 100  
120 53.2 28.7 86.1





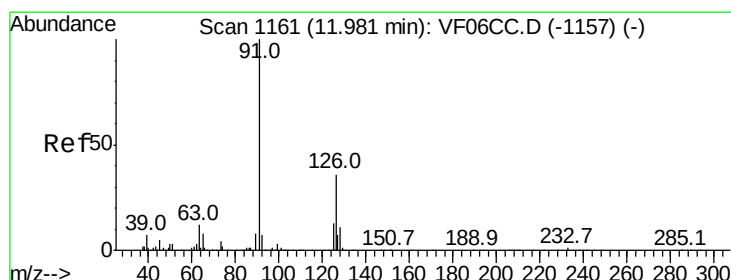
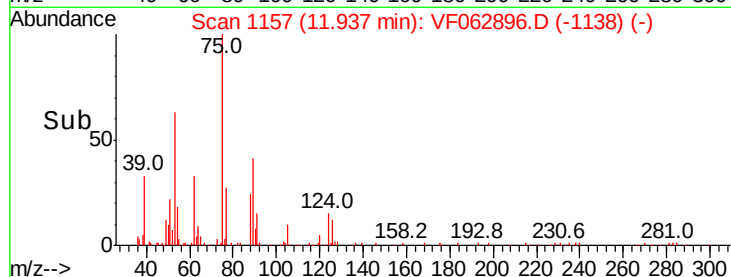
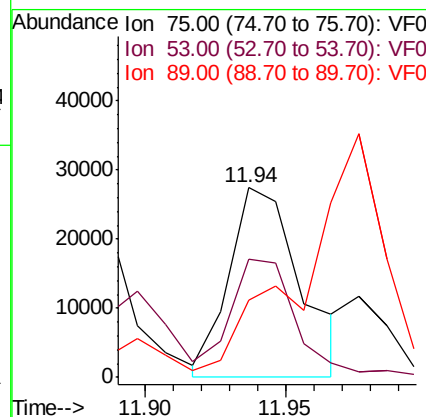
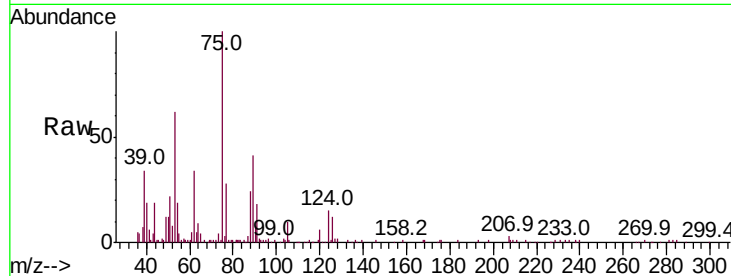
#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.329 ug/l m  
RT: 11.94 min Scan# 1157  
Delta R.T. -0.02 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 62.4  | 43.5  | 65.3  |
| 89      | 40.6  | 34.3  | 51.5  |

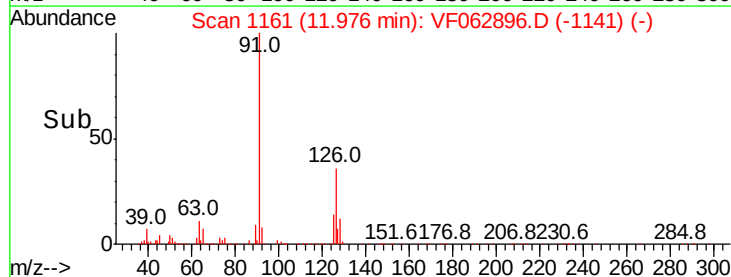
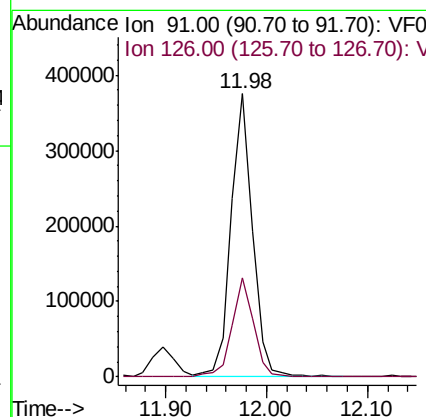
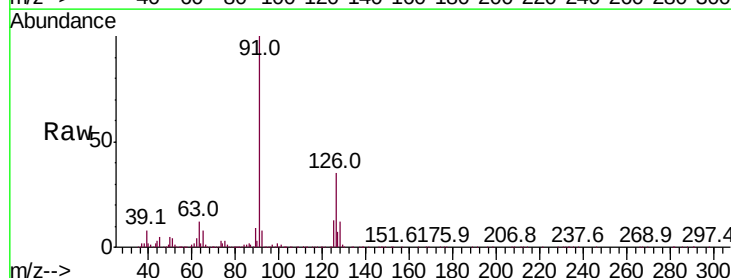
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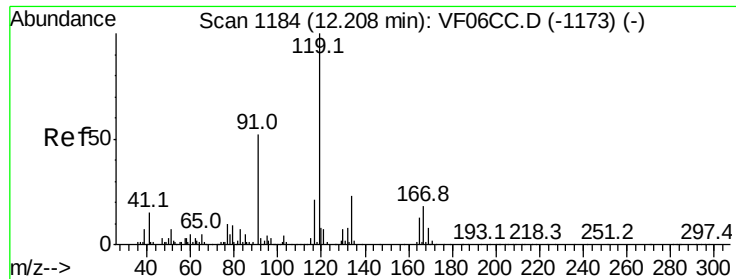
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#82  
4-Chlorotoluene  
Concen: 22.375 ug/l  
RT: 11.98 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.0  | 19.1  | 57.1  |





#83

tert-Butylbenzene

Concen: 22.066 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

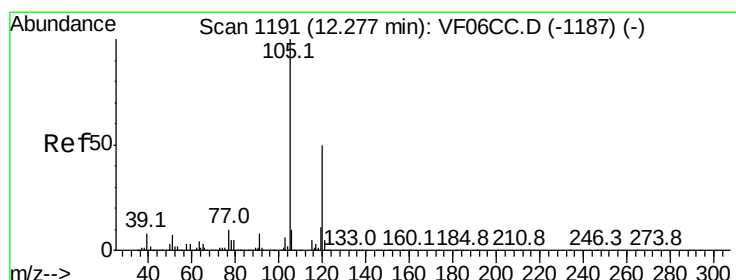
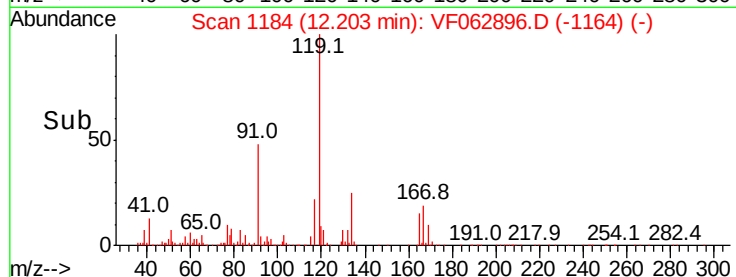
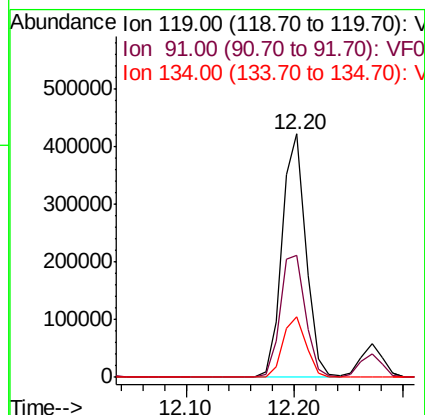
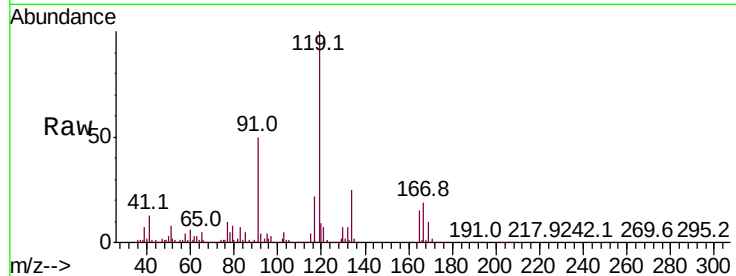
ClientSampleId :

VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 648663 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 49.9  | 28.9  | 86.7   |
| 134       | 25.1  | 14.3  | 42.9   |

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#84

1,2,4-Trimethylbenzene

Concen: 22.361 ug/l

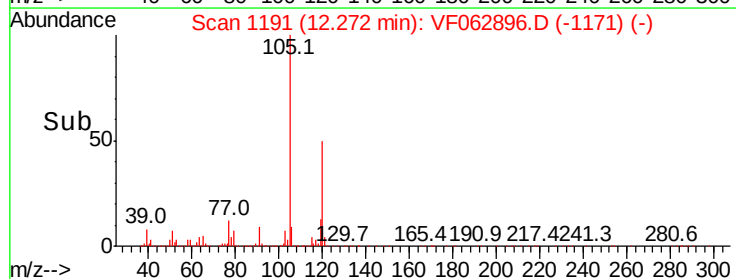
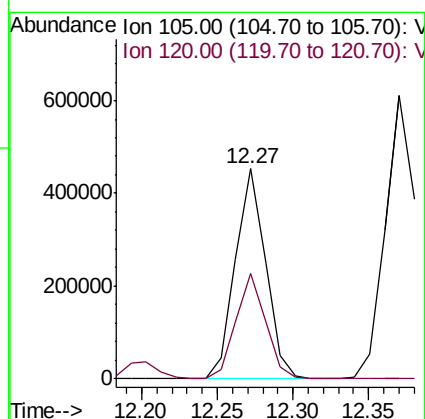
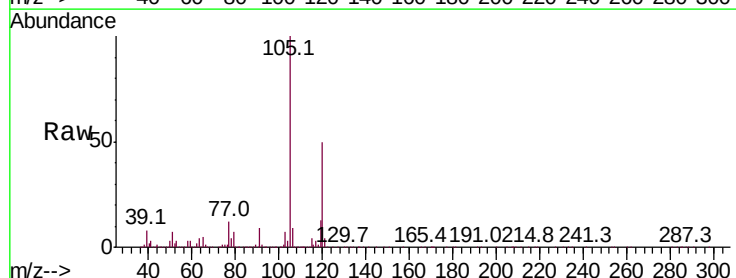
RT: 12.27 min Scan# 1191

Delta R.T. -0.01 min

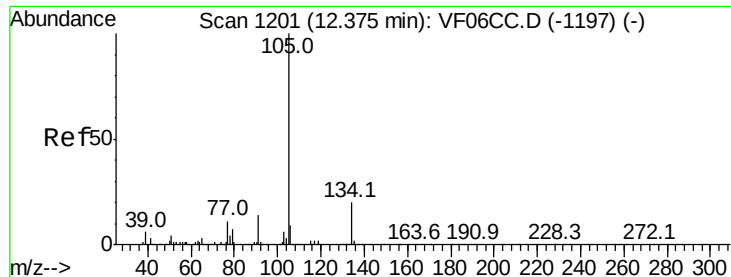
Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 628977 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 50.1  | 27.1  | 81.3   |







#85

sec-Butylbenzene

Concen: 22.535 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

Instrument :

MSVOA\_F

ClientSampleId :

VF0607SBS01

Tot Ion:105 Resp: 872869

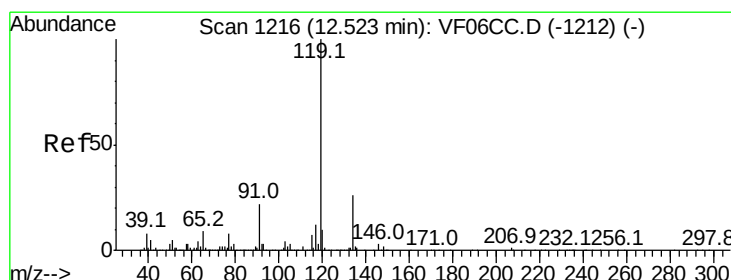
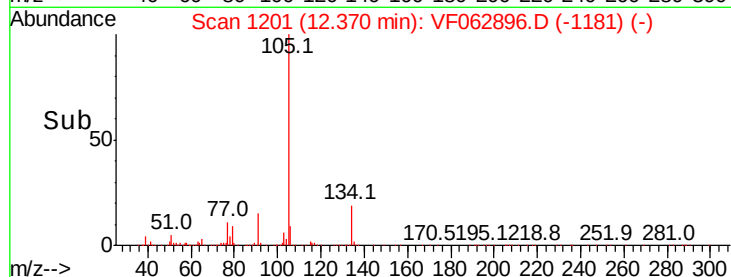
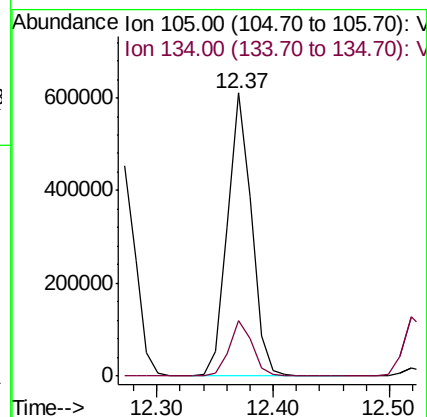
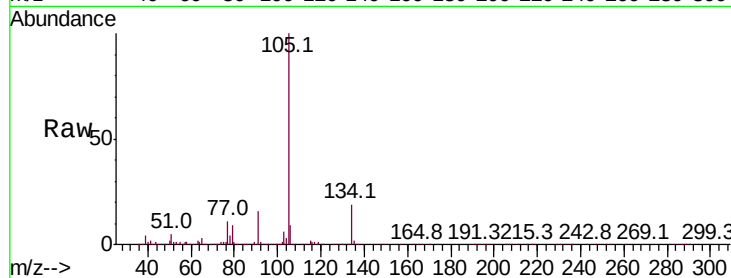
Ion Ratio Lower Upper

105 100

134 19.4 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 22.317 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VF062896.D

Acq: 7 Jun 2019 13:28

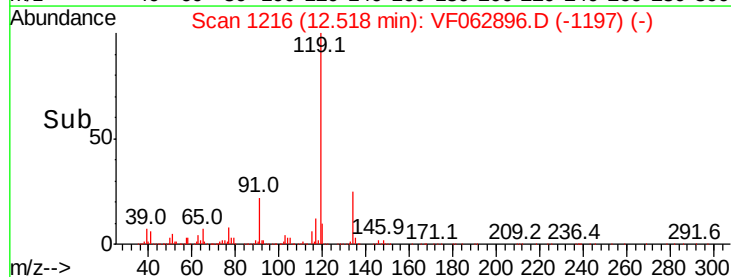
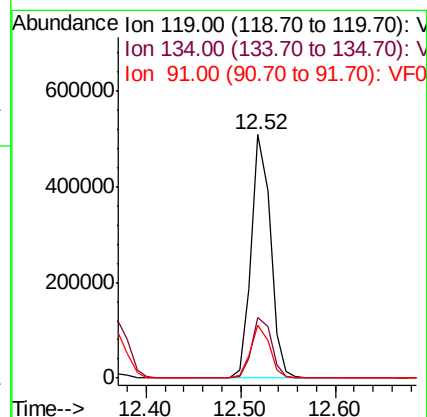
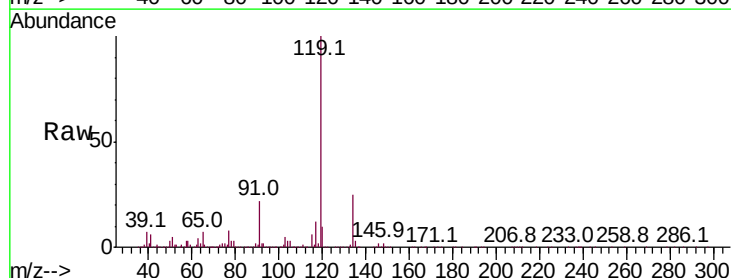
Tgt Ion:119 Resp: 719515

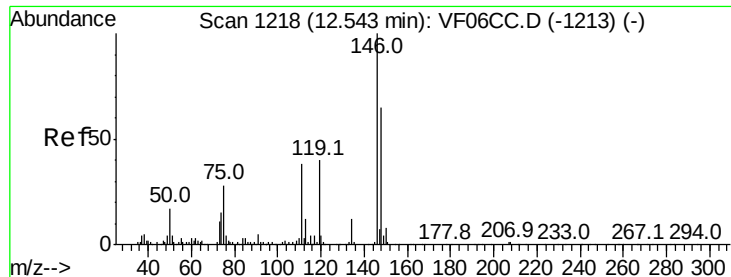
Ion Ratio Lower Upper

119 100

134 25.0 15.5 46.5

91 21.8 10.3 30.9





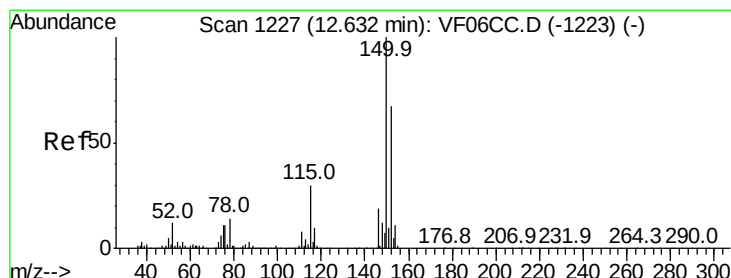
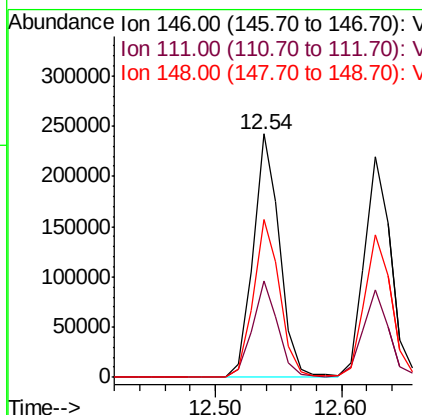
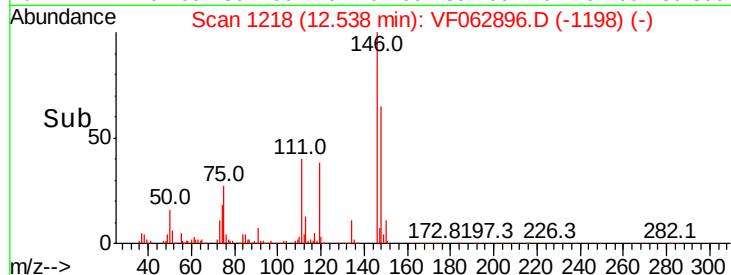
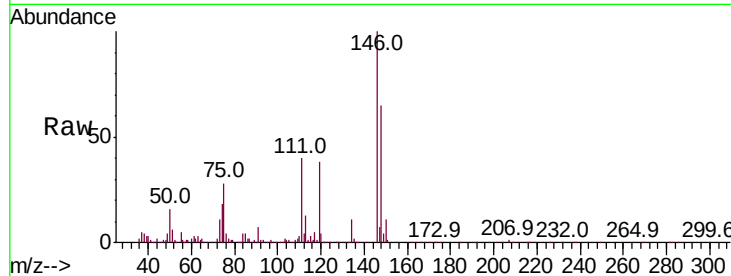
#87  
 1,3-Dichlorobenzene  
 Concen: 21.969 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.6  | 58.8  |
| 148     | 65.1  | 34.2  | 102.5 |

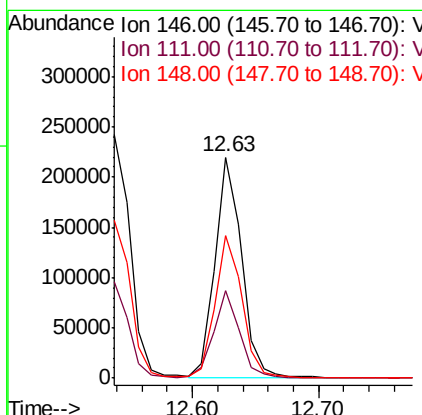
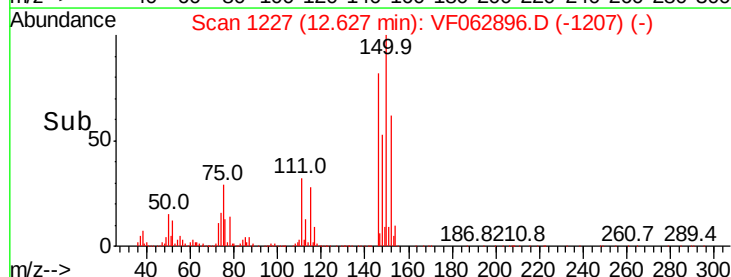
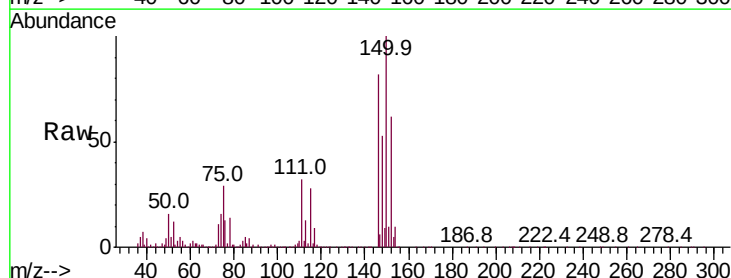
Manual Integrations  
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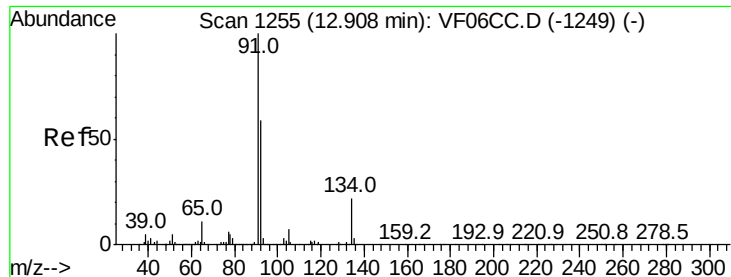
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.517 ug/l  
 RT: 12.63 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 20.3  | 60.9  |
| 148     | 64.6  | 34.0  | 101.8 |





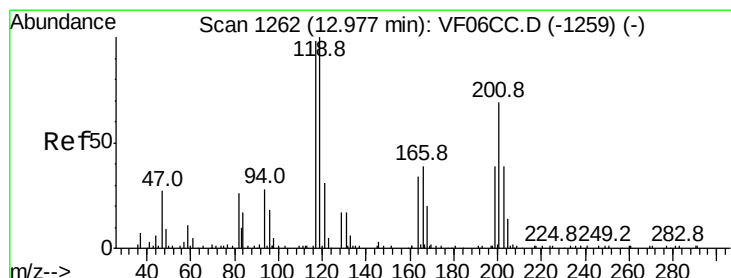
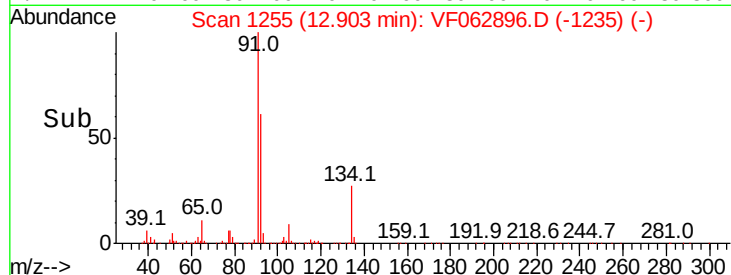
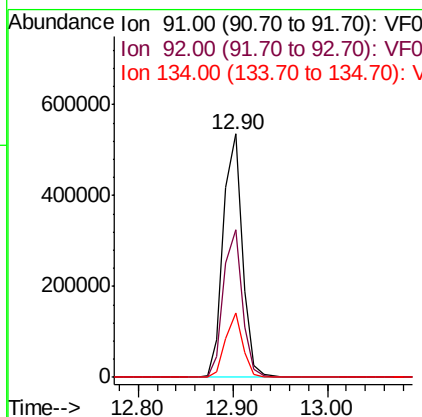
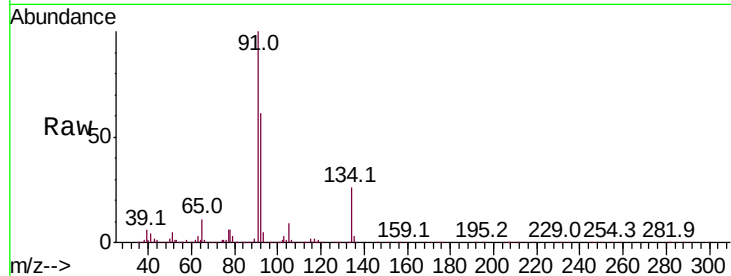
#89  
n-Butylbenzene  
Concen: 23.165 ug/l  
RT: 12.90 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 60.6  | 34.2  | 102.6 |
| 134     | 26.5  | 15.8  | 47.3  |

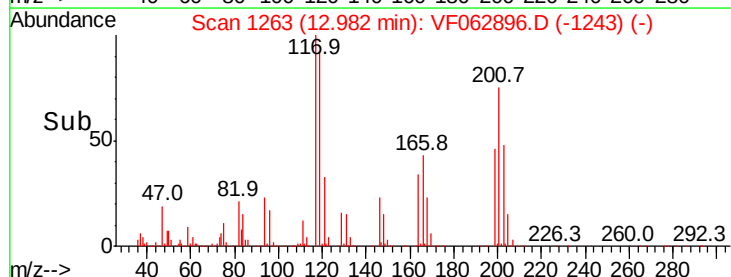
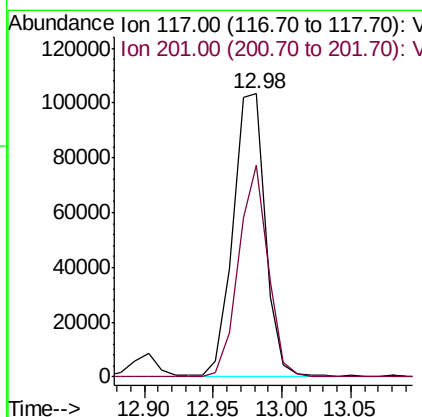
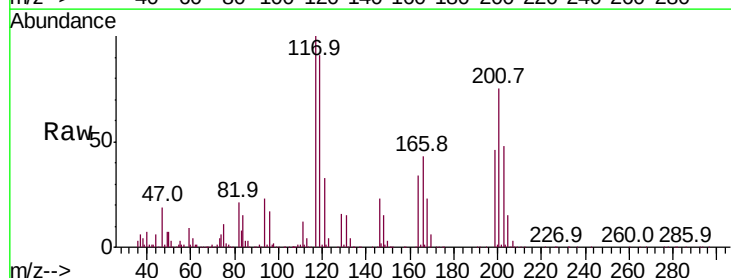
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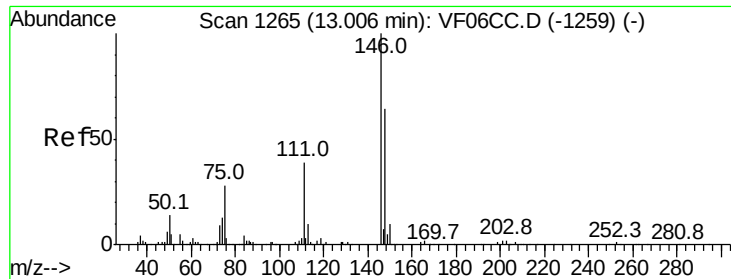
MMDadoda  
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#90  
Hexachloroethane  
Concen: 21.480 ug/l  
RT: 12.98 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.2  | 38.9  | 116.7 |





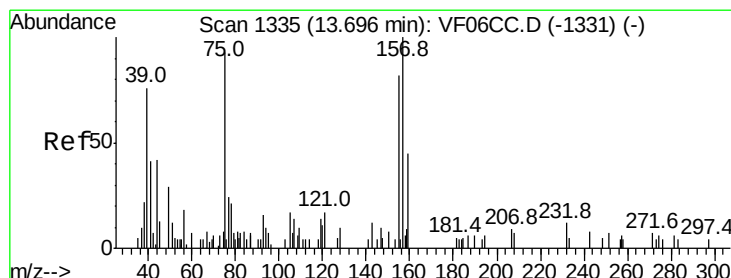
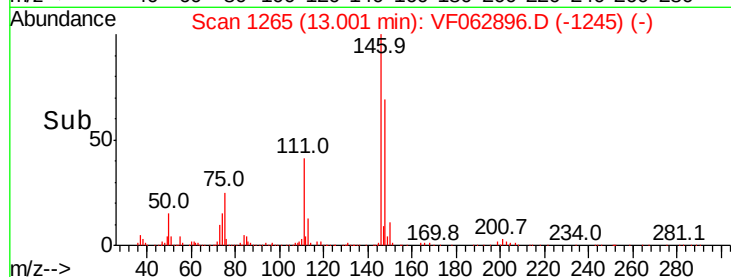
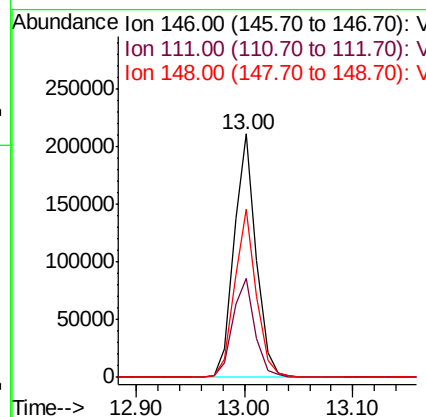
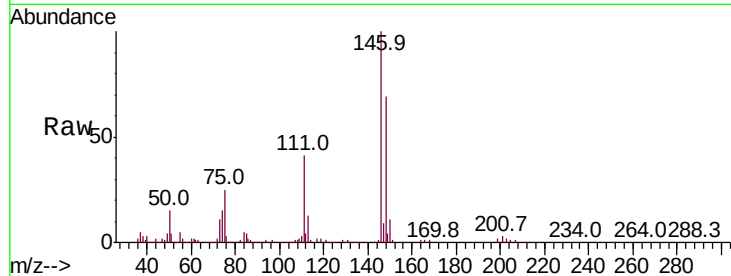
#91  
 1,2-Dichlorobenzene  
 Concen: 21.033 ug/l  
 RT: 13.00 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 297183 |       |       |
| 111     | 40.8  | 20.4   | 61.3  |       |
| 148     | 69.1  | 34.1   | 102.3 |       |

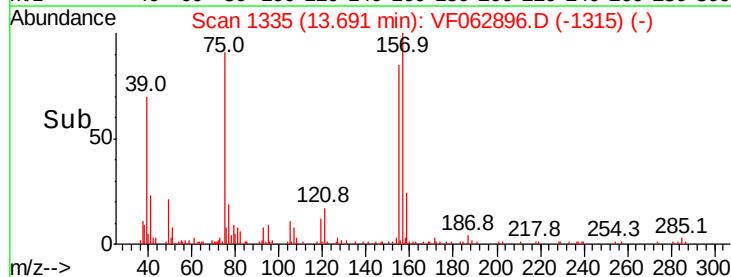
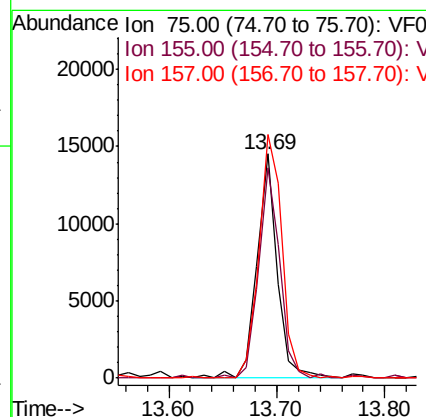
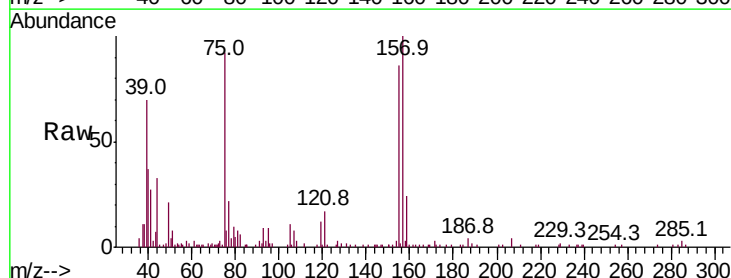
Manual Integrations  
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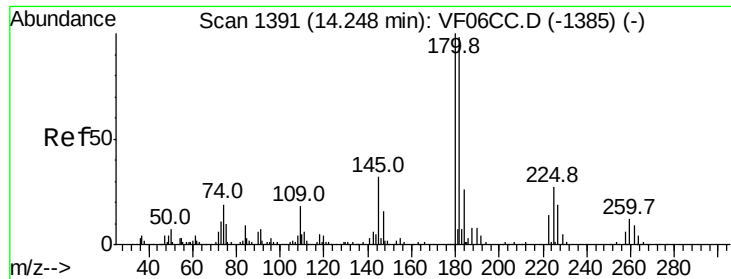
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.328 ug/l  
 RT: 13.69 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: VF062896.D  
 Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18845 |       |       |
| 155     | 95.9  | 51.7  | 155.1 |       |
| 157     | 108.5 | 66.8  | 200.6 |       |





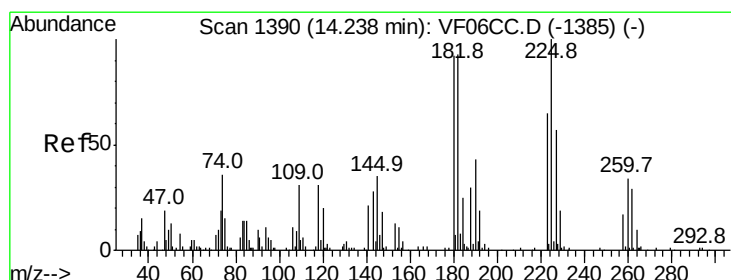
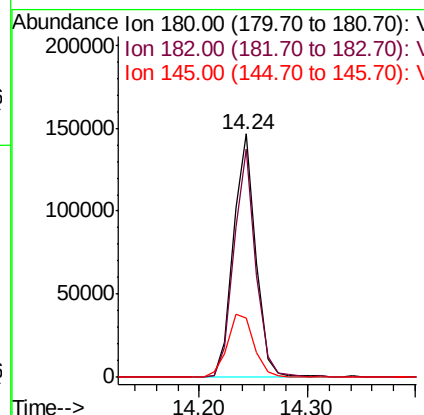
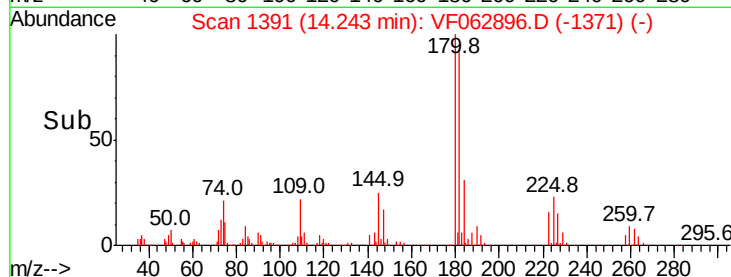
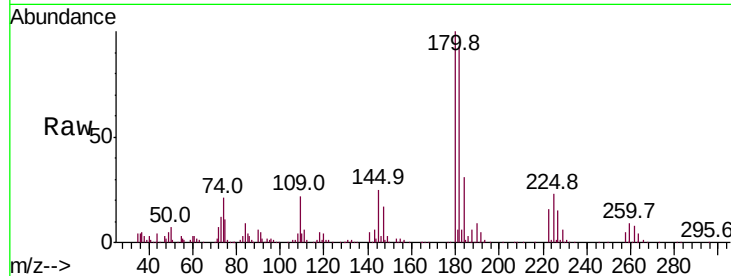
#93  
1,2,4-Trichlorobenzene  
Concen: 21.814 ug/l  
RT: 14.24 min Scan# 1391  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 211621 |       |       |
| 182     | 93.5  | 50.3   | 150.9 |       |
| 145     | 24.6  | 15.4   | 46.2  |       |

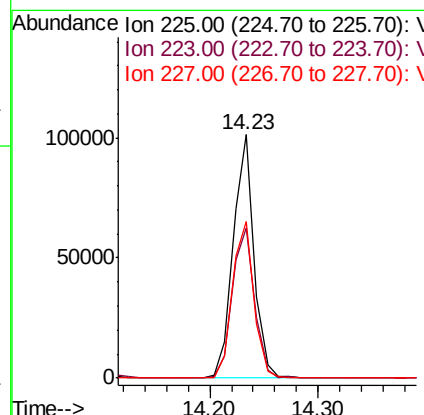
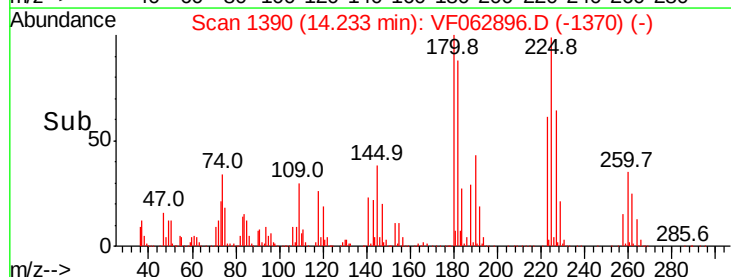
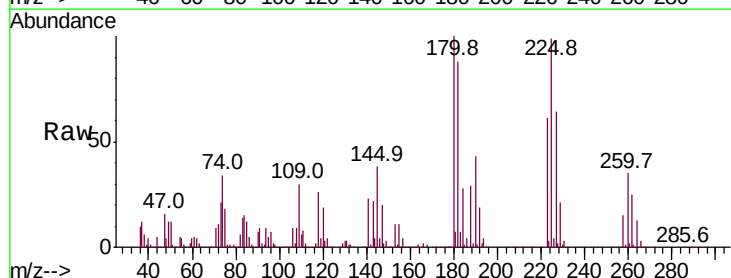
Manual Integrations  
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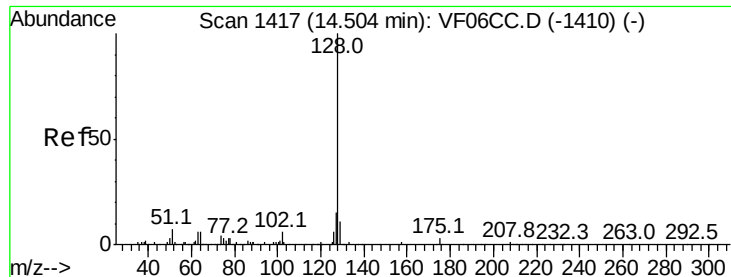
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#94  
Hexachlorobutadiene  
Concen: 20.179 ug/l  
RT: 14.23 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 135429 |       |       |
| 223     | 61.5  | 30.8   | 92.4  |       |
| 227     | 64.5  | 31.9   | 95.5  |       |





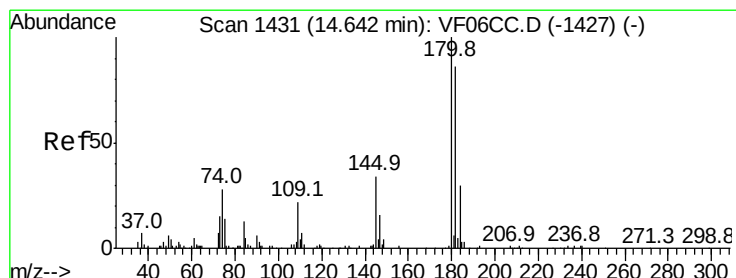
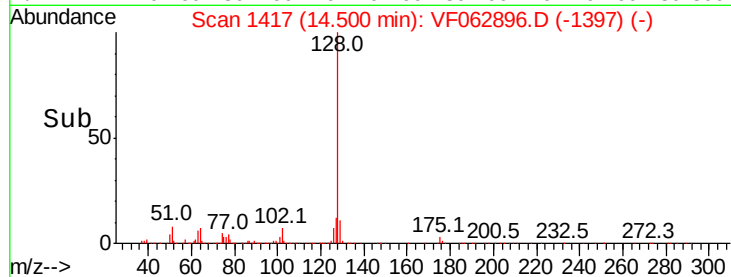
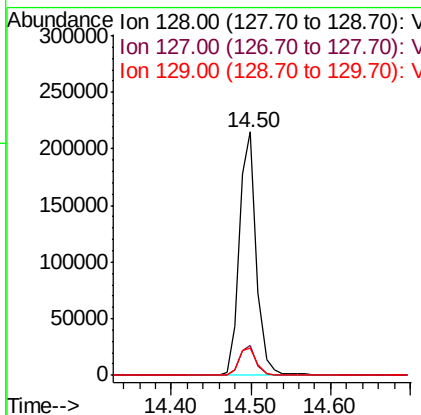
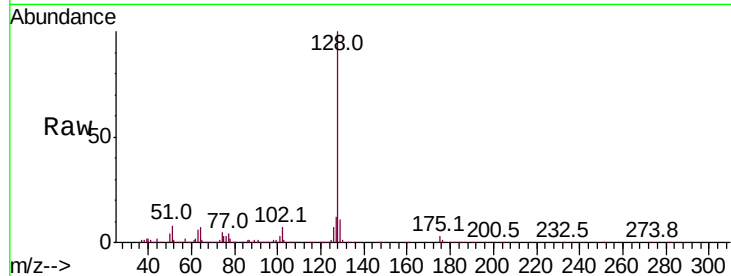
#95  
Naphthalene  
Concen: 20.051 ug/l  
RT: 14.50 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0607SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 318681 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.0  | 9.7   | 14.5   |
| 129       | 11.5  | 9.4   | 14.2   |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.585 ug/l  
RT: 14.64 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: VF062896.D  
Acq: 7 Jun 2019 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 182288 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 48.6  | 145.9  |
| 145       | 31.4  | 15.7  | 47.0   |

