

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\  
 Data File : VF059906.D  
 Acq On : 7 Aug 2018 6:41  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Aug 07 08:59:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F080418S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 04 07:08:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.05  | 168  | 162095   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 5.78  | 114  | 229194   | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 240476   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.64 | 152  | 164685   | 50.00 | ug/l  | 0.01     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.03   | 65  | 175719   | 60.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 120.26% |      |
| 35) Dibromofluoromethane  | 4.31   | 113 | 129008   | 56.57 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.14% |      |
| 50) Toluene-d8            | 7.72   | 98  | 291798   | 60.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 120.28% |      |
| 62) 4-Bromofluorobenzene  | 11.52  | 95  | 170093   | 62.39 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 124.78% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85  | 139945 | 50.53  | ug/l   | 100    |
| 3) Chloromethane              | 1.09 | 50  | 58001  | 45.27  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.16 | 62  | 69120  | 52.67  | ug/l   | 96     |
| 5) Bromomethane               | 1.35 | 94  | 60843  | 49.12  | ug/l   | 87     |
| 6) Chloroethane               | 1.44 | 64  | 41244  | 50.03  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 1.54 | 101 | 139173 | 38.75  | ug/l   | 97     |
| 8) Diethyl Ether              | 1.70 | 74  | 32469  | 56.96  | ug/l   | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.91 | 101 | 93019  | 46.93  | ug/l   | 95     |
| 10) Methyl Iodide             | 1.98 | 142 | 120611 | 39.61  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 2.69 | 59  | 42504  | 360.58 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 1.86 | 96  | 75244  | 51.97  | ug/l   | 88     |
| 13) Acrolein                  | 2.10 | 56  | 15418  | 218.26 | ug/l   | 85     |
| 14) Allyl chloride            | 2.20 | 41  | 99834  | 41.36  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.08 | 53  | 57134  | 264.51 | ug/l # | 90     |
| 16) Acetone                   | 2.34 | 43  | 160785 | 298.03 | ug/l   | 97     |
| 17) Carbon Disulfide          | 1.89 | 76  | 199631 | 51.65  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.45 | 43  | 50290  | 55.26  | ug/l # | 83     |
| 19) Methyl tert-butyl Ether   | 2.54 | 73  | 234077 | 57.10  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.28 | 84  | 30103  | 18.66  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 2.42 | 96  | 75239  | 52.31  | ug/l   | 83     |
| 22) Diisopropyl ether         | 2.94 | 45  | 249870 | 53.80  | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.34 | 43  | 663218 | 295.00 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.00 | 63  | 182553 | 53.98  | ug/l   | 97     |
| 25) 2-Butanone                | 4.52 | 43  | 172343 | 293.80 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 3.77 | 77  | 97023  | 49.28  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 3.64 | 96  | 78447  | 48.51  | ug/l   | 87     |
| 28) Bromochloromethane        | 3.90 | 49  | 69492  | 58.19  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 4.26 | 42  | 63958  | 296.17 | ug/l   | 98     |
| 30) Chloroform                | 4.05 | 83  | 241352 | 52.75  | ug/l   | 91     |
| 31) Cyclohexane               | 3.86 | 56  | 83900  | 50.12  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane     | 4.29 | 97  | 186872 | 51.05  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 4.46 | 75  | 138399 | 52.21  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.31 | 43  | 74026  | 65.03  | ug/l # | 43     |
| 38) Carbon Tetrachloride      | 4.18 | 117 | 236608 | 62.35  | ug/l   | 98     |

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 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Aug 07 08:59:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F080418S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 04 07:08:36 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.64  | 83   | 101427   | 51.02   | ug/l   | 94       |
| 40) Benzene                    | 4.82  | 78   | 244266   | 54.01   | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.94  | 41   | 29962    | 49.88   | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 5.12  | 62   | 218592   | 59.55   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.12  | 43   | 74567    | 63.62   | ug/l # | 89       |
| 44) Trichloroethene            | 5.69  | 130  | 95602    | 54.15   | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 66772    | 54.89   | ug/l   | 99       |
| 46) Dibromomethane             | 6.27  | 93   | 70949    | 57.80   | ug/l   | 86       |
| 47) Bromodichloromethane       | 6.55  | 83   | 196940   | 58.66   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.89  | 41   | 68542    | 75.17   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 8000     | 1203.41 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 8.42  | 43   | 378514   | 315.85  | ug/l   | 99       |
| 52) Toluene                    | 7.79  | 92   | 179995   | 53.76   | ug/l   | 92       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 155761   | 60.99   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 7.47  | 75   | 154035   | 58.44   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.65  | 97   | 71697    | 59.48   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.77  | 69   | 76468    | 57.33   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.01  | 76   | 125670   | 60.72   | ug/l   | 91       |
| 58) 2-Chloroethyl Vinyl ether  | 7.79  | 63   | 45309    | 284.14  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.64  | 43   | 279369   | 330.01  | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.87  | 129  | 135420   | 59.89   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.15  | 107  | 87025    | 59.26   | ug/l   | 94       |
| 64) Tetrachloroethene          | 8.32  | 164  | 108652   | 52.38   | ug/l   | 95       |
| 65) Chlorobenzene              | 9.95  | 112  | 244388   | 50.07   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.08 | 131  | 126377   | 52.05   | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.05 | 91   | 465163   | 54.70   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.28 | 106  | 308409   | 104.92  | ug/l   | 99       |
| 69) o-Xylene                   | 10.84 | 106  | 169720   | 54.50   | ug/l   | 95       |
| 70) Styrene                    | 10.91 | 104  | 258743   | 55.68   | ug/l   | 98       |
| 71) Bromoform                  | 10.90 | 173  | 88007    | 59.14   | ug/l   | 100      |
| 73) Isopropylbenzene           | 11.24 | 105  | 549135   | 53.54   | ug/l   | 99       |
| 74) N-amyl acetate             | 11.47 | 43   | 144388   | 56.48   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.80 | 83   | 101965   | 52.95   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.90 | 75   | 89707    | 54.23   | ug/l   | 83       |
| 77) Bromobenzene               | 11.60 | 156  | 149300   | 53.52   | ug/l   | 94       |
| 78) n-propylbenzene            | 11.70 | 91   | 623228   | 51.45   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.82 | 91   | 396750   | 51.78   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.92 | 105  | 515757   | 54.15   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75   | 47531    | 80.00   | ug/l # | 77       |
| 82) 4-Chlorotoluene            | 11.99 | 91   | 446102   | 53.61   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.22 | 119  | 499041   | 53.82   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 508341   | 51.89   | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.40 | 105  | 631681   | 51.28   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.55 | 119  | 552913   | 53.40   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.57 | 146  | 271710   | 51.41   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.65 | 146  | 265665   | 51.20   | ug/l   | 95       |
| 89) n-Butylbenzene             | 12.92 | 91   | 540767   | 54.80   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.00 | 117  | 142830   | 49.99   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 13.03 | 146  | 268899   | 52.87   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75   | 27438    | 56.52   | ug/l   | 95       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\  
Data File : VF059906.D  
Acq On : 7 Aug 2018 6:41  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 31 Sample Multiplier: 1

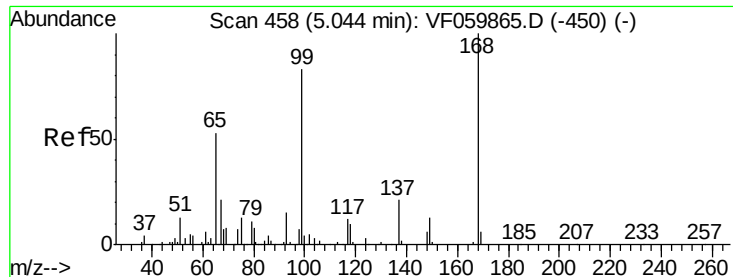
Instrument :  
MSVOA\_F  
ClientSampleId :

Quant Time: Aug 07 08:59:29 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F080418S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 04 07:08:36 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180  | 213071   | 55.17 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.26 | 225  | 141192   | 51.76 | ug/l  | 99       |
| 95) Naphthalene            | 14.53 | 128  | 389669   | 58.28 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.68 | 180  | 211148   | 55.37 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

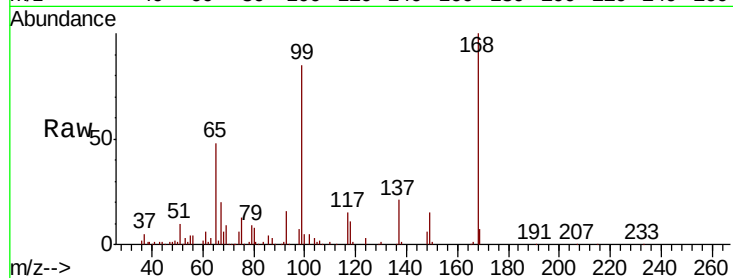
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion:168 Resp: 162095

Ion Ratio Lower Upper

168 100

99 84.6 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

50000

40000

30000

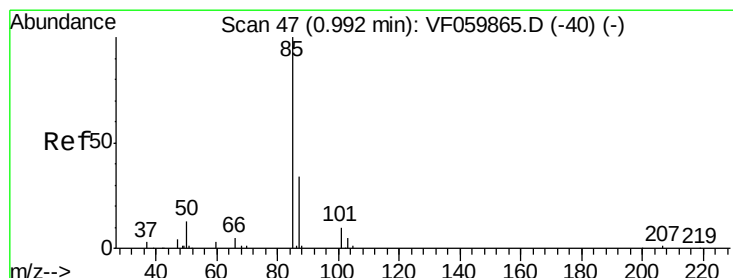
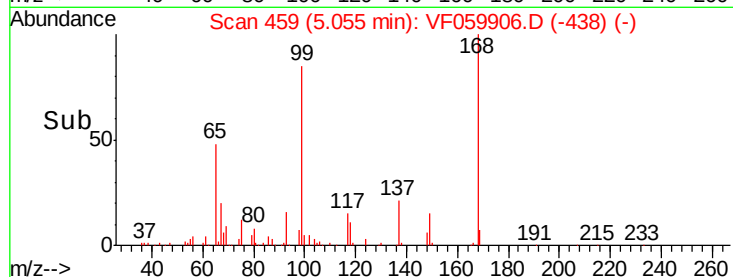
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: 50.53 ug/l

RT: 0.99 min Scan# 47

Delta R.T. 0.00 min

Lab File: VF059906.D

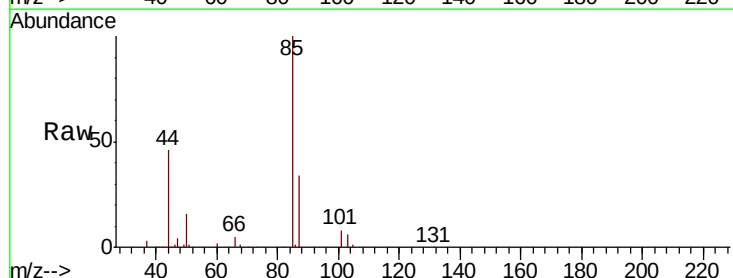
Acq: 7 Aug 2018 6:41

Tgt Ion: 85 Resp: 139945

Ion Ratio Lower Upper

85 100

87 33.7 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

40000

30000

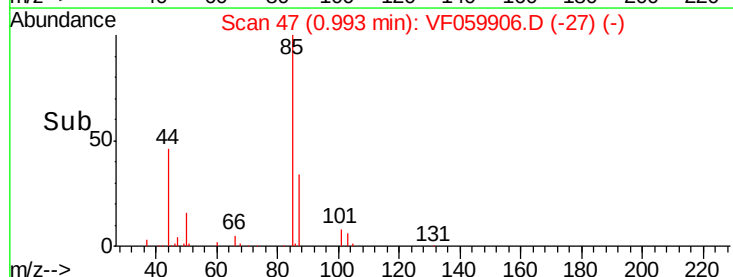
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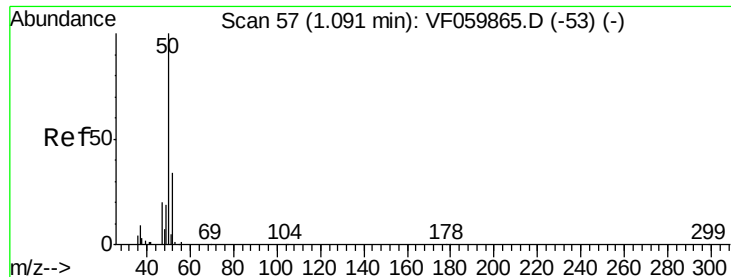
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0

Time-->

0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 45.27 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

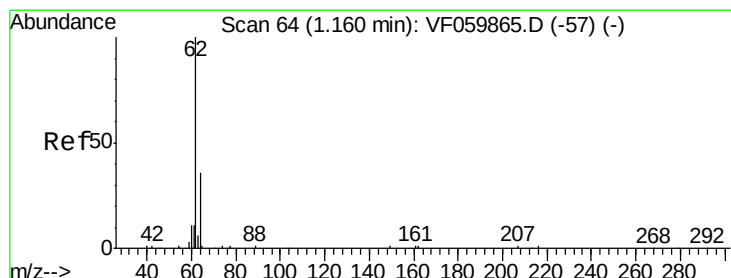
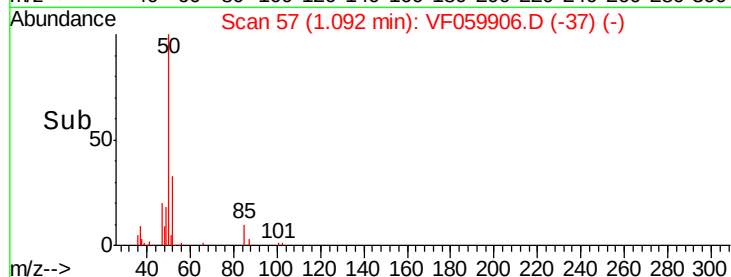
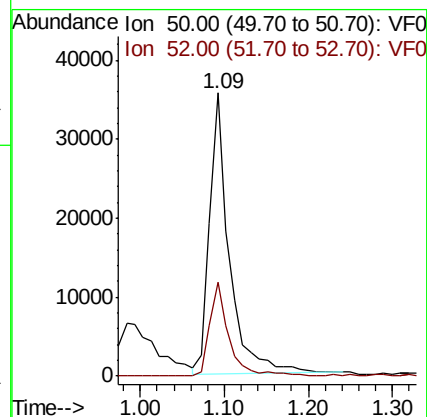
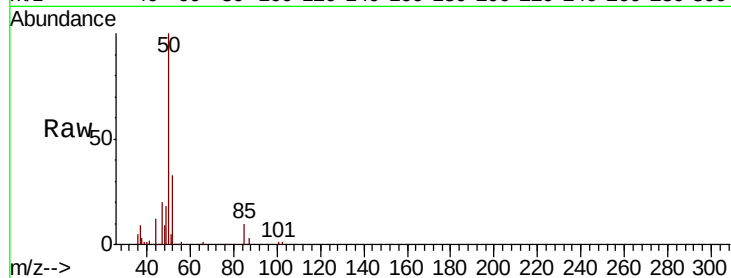
ClientSampleId :

Tot Ion: 50 Resp: 58001

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 52.67 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.00 min

Lab File: VF059906.D

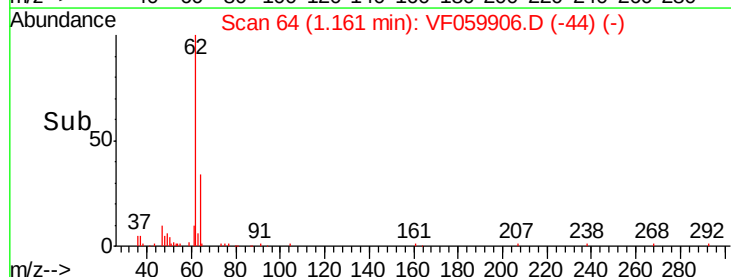
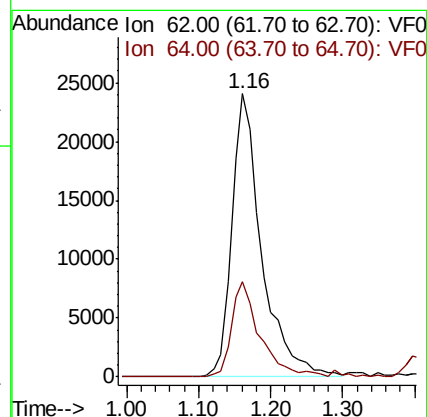
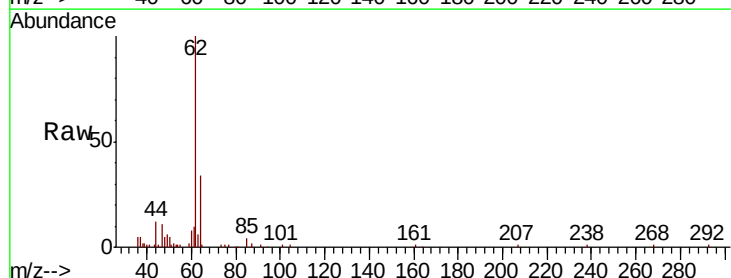
Acq: 7 Aug 2018 6:41

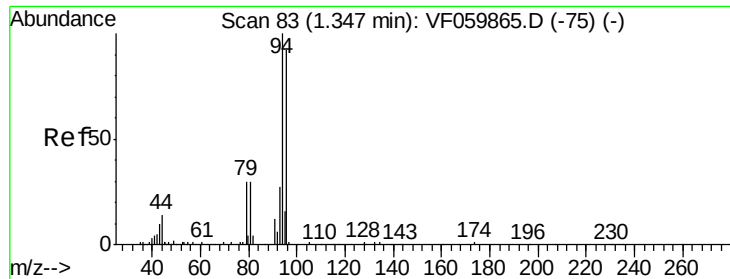
Tgt Ion: 62 Resp: 69120

Ion Ratio Lower Upper

62 100

64 33.5 28.5 42.7





#5

Bromomethane

Concen: 49.12 ug/l

RT: 1.35 min Scan# 83

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

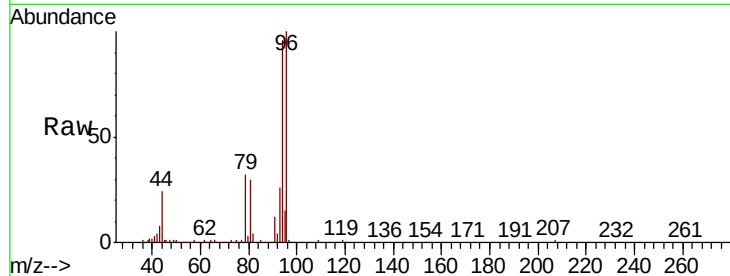
ClientSampleId :

Tot Ion: 94 Resp: 60843

Ion Ratio Lower Upper

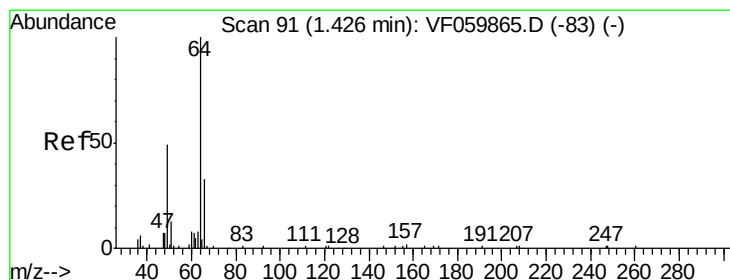
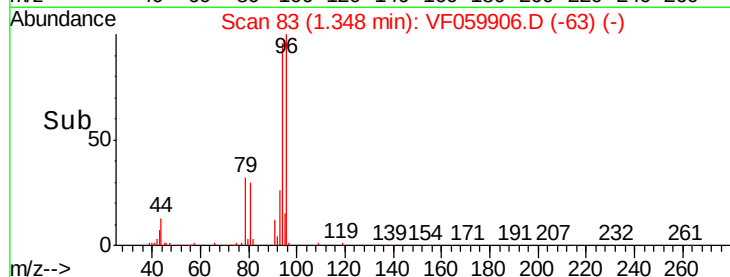
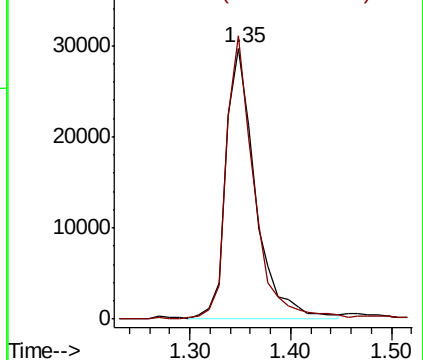
94 100

96 104.6 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 50.03 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.01 min

Lab File: VF059906.D

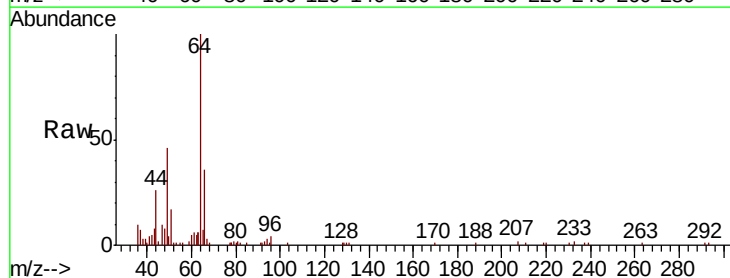
Acq: 7 Aug 2018 6:41

Tgt Ion: 64 Resp: 41244

Ion Ratio Lower Upper

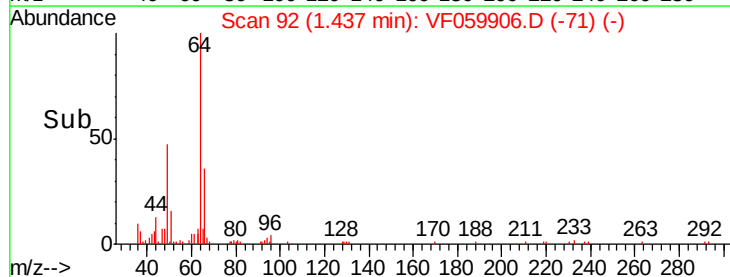
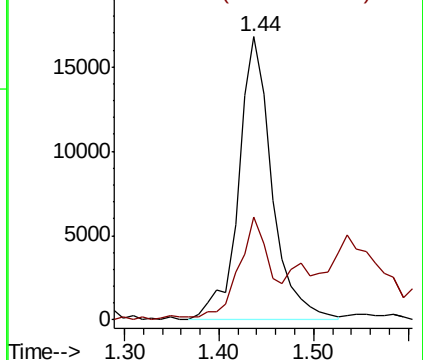
64 100

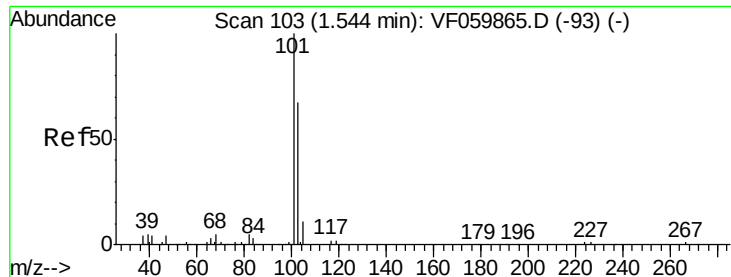
66 36.2 26.9 40.3



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



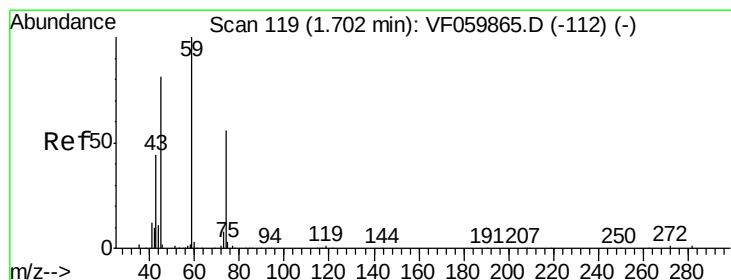
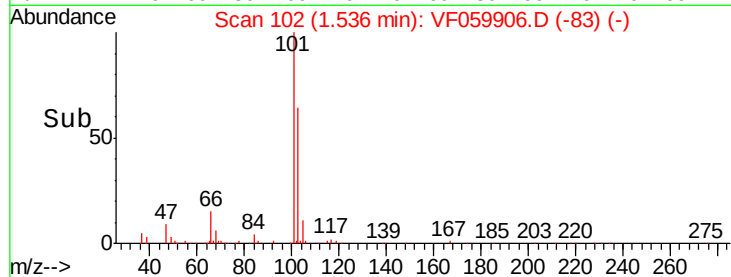
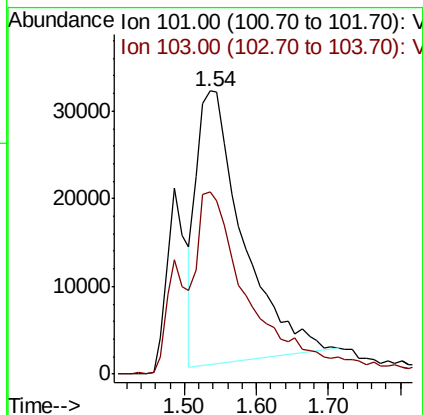
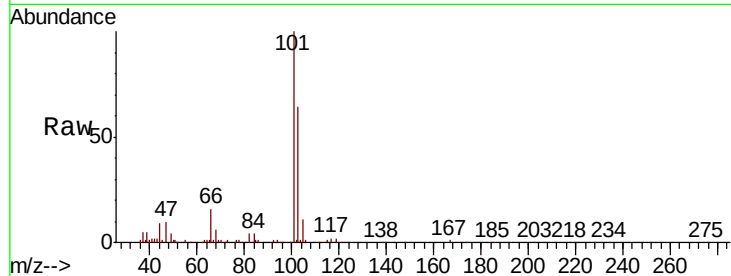


#7

Trichlorofluoromethane  
Concen: 38.75 ug/l  
RT: 1.54 min Scan# 102  
Delta R.T. -0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

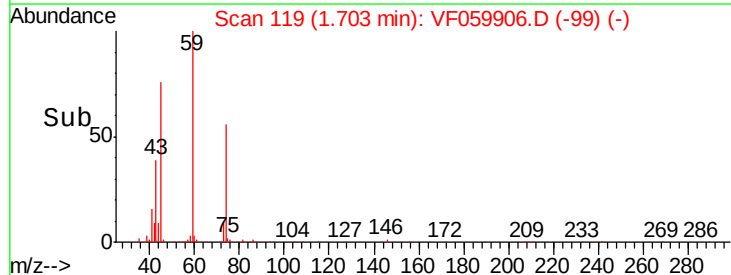
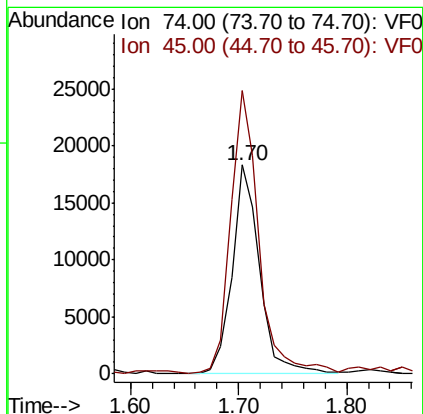
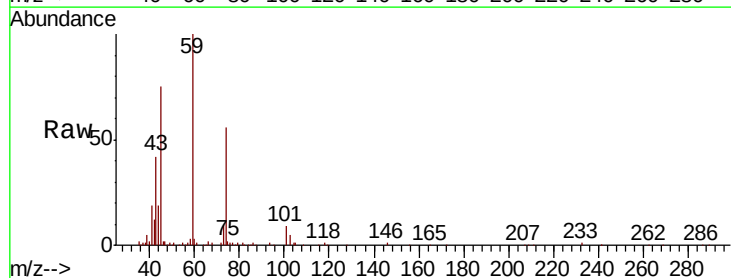
Tot Ion:101 Resp: 139173  
Ion Ratio Lower Upper  
101 100  
103 64.4 53.6 80.4



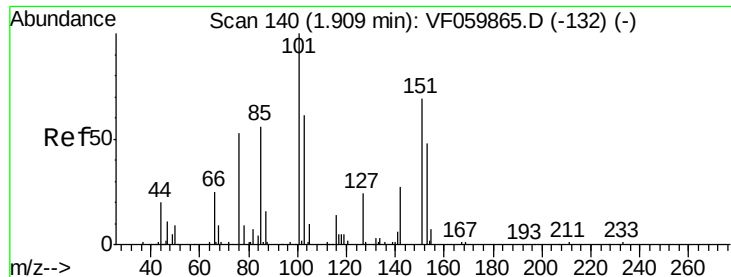
#8

Diethyl Ether  
Concen: 56.96 ug/l  
RT: 1.70 min Scan# 119  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 74 Resp: 32469  
Ion Ratio Lower Upper  
74 100  
45 135.4 73.6 220.7







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.93 ug/l

RT: 1.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampled :

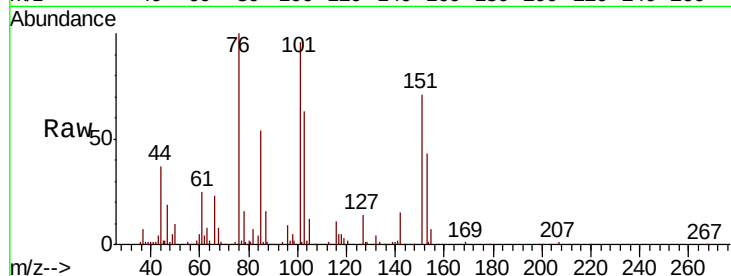
Tot Ion:101 Resp: 93019

Ion Ratio Lower Upper

101 100

85 55.9 44.5 66.7

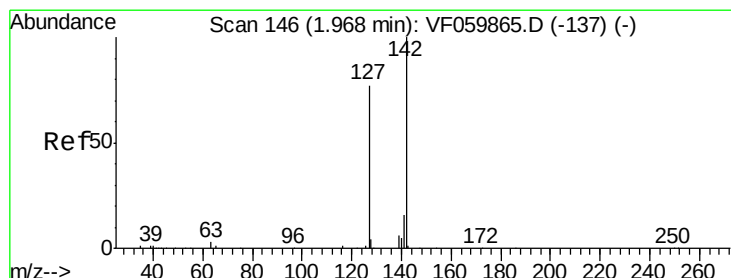
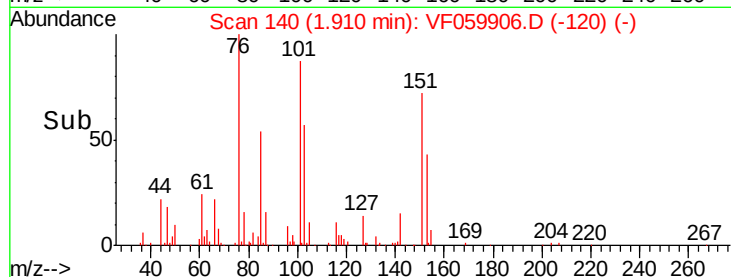
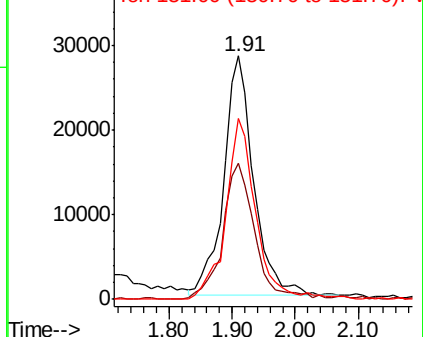
151 74.4 53.8 80.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 39.61 ug/l

RT: 1.98 min Scan# 147

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

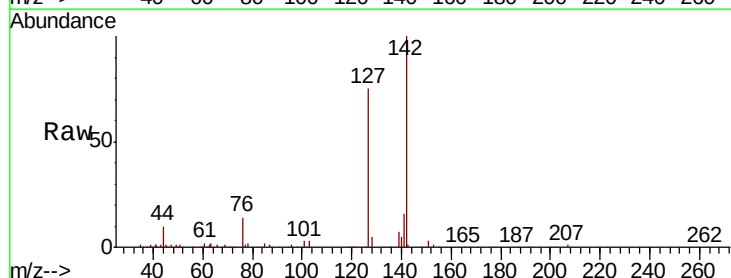
Tgt Ion:142 Resp: 120611

Ion Ratio Lower Upper

142 100

127 74.5 61.5 92.3

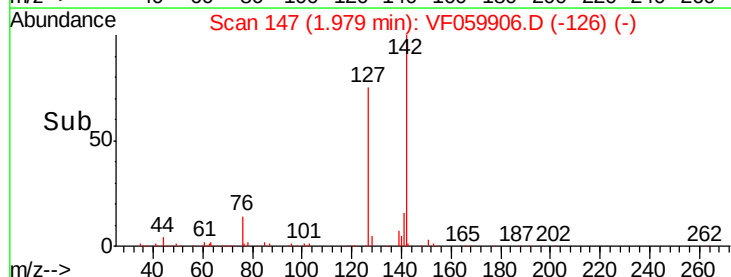
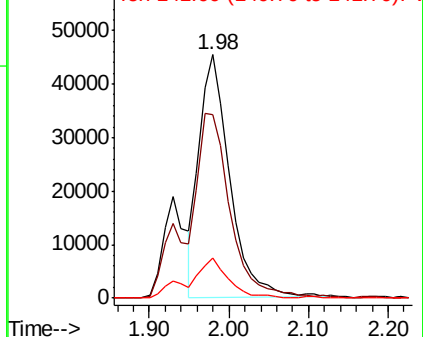
141 16.1 13.0 19.4

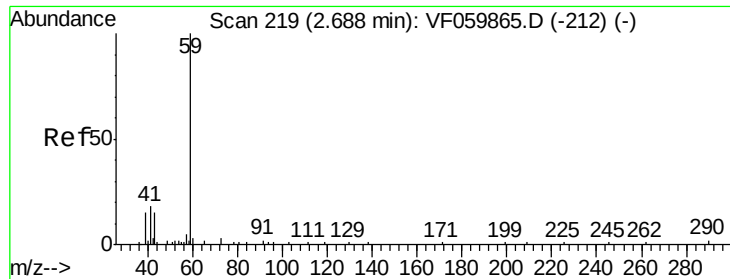


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



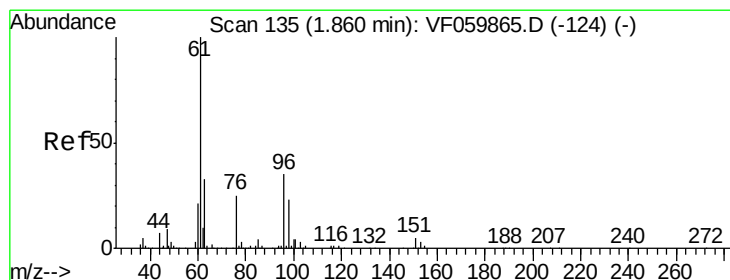
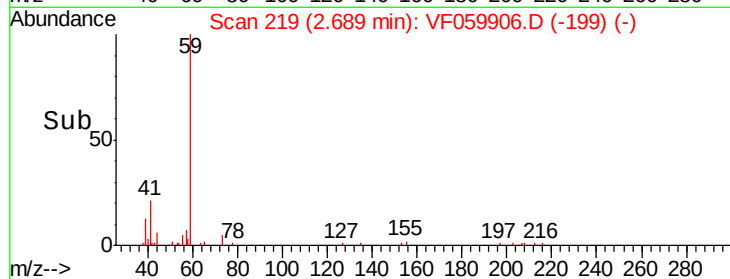
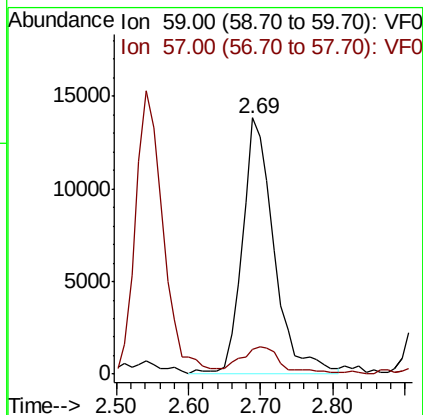
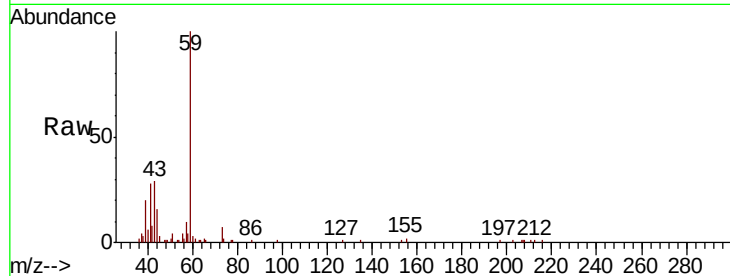


#11

Tert butyl alcohol  
 Concen: 360.58 ug/l  
 RT: 2.69 min Scan# 219  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Instrument :  
 MSVOA\_F  
 ClientSampled :

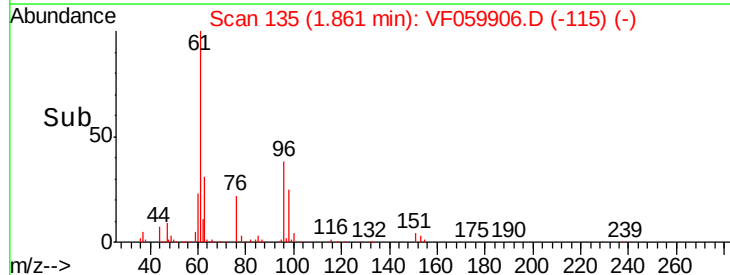
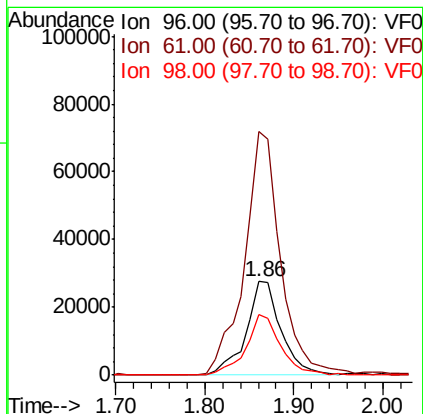
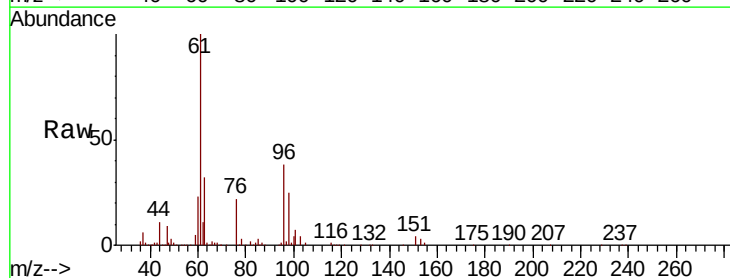
Tot Ion: 59 Resp: 42504  
 Ion Ratio Lower Upper  
 59 100  
 57 9.6 7.6 11.4

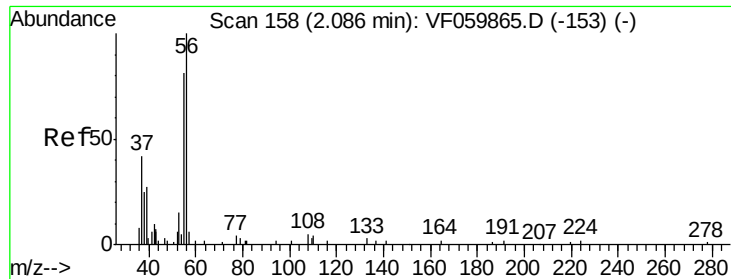


#12

1,1-Dichloroethene  
 Concen: 51.97 ug/l  
 RT: 1.86 min Scan# 135  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 96 Resp: 75244  
 Ion Ratio Lower Upper  
 96 100  
 61 260.2 230.2 345.2  
 98 64.9 52.7 79.1

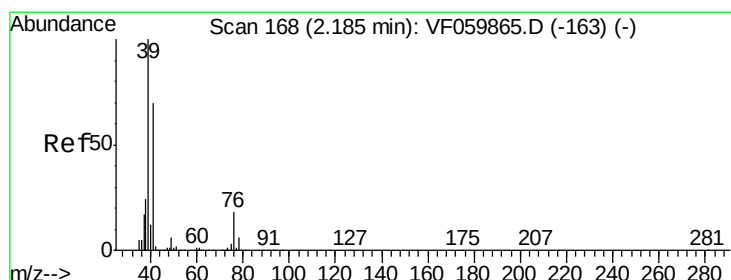
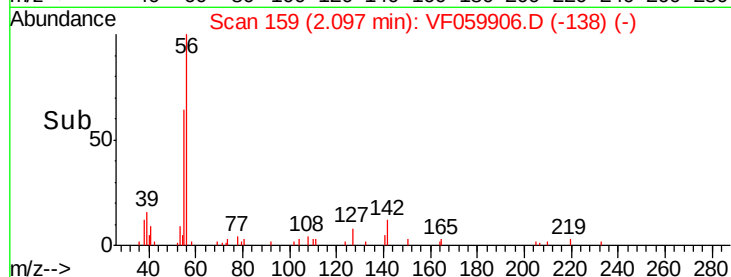
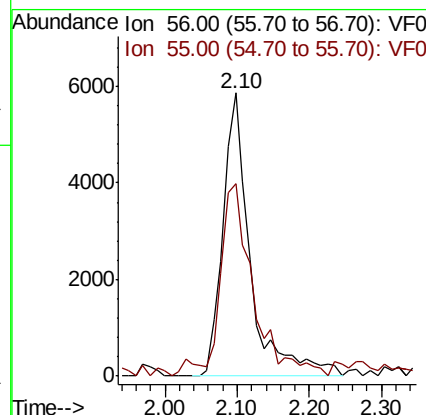
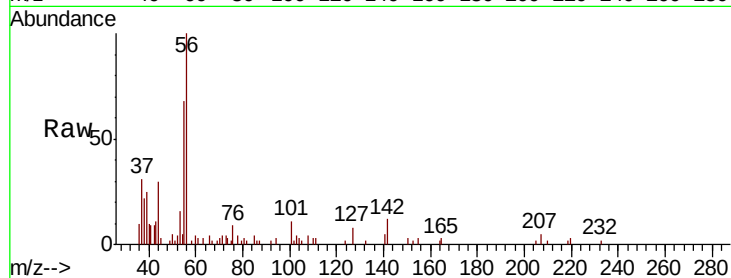




#13  
Acrolein  
Concen: 218.26 ug/l  
RT: 2.10 min Scan# 159  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

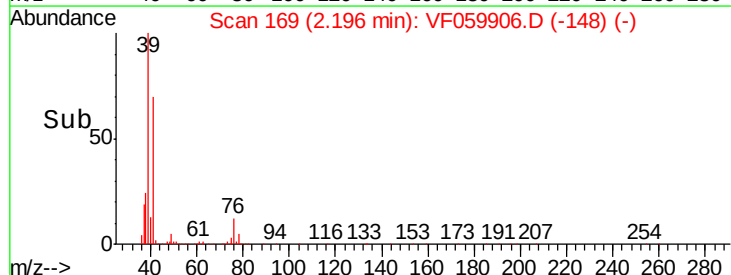
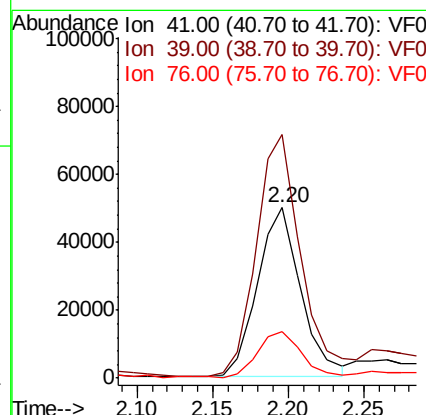
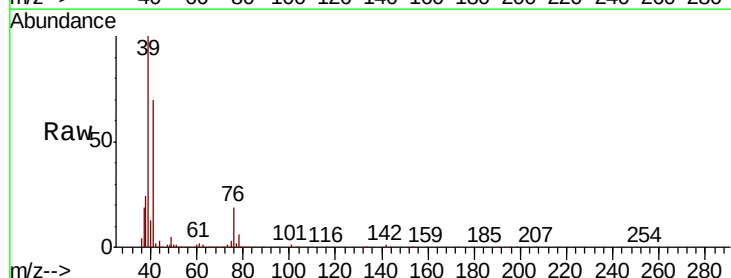
Instrument :  
MSVOA\_F  
ClientSampleId :

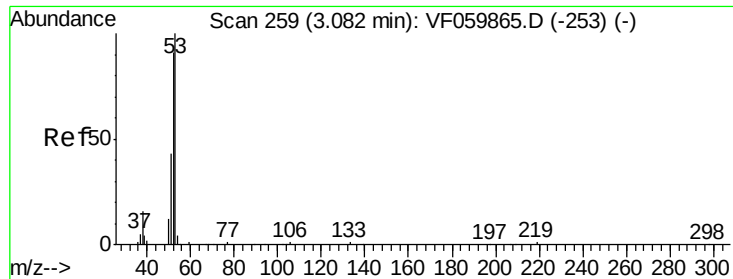
Tot Ion: 56 Resp: 15418  
Ion Ratio Lower Upper  
56 100  
55 67.8 64.6 96.8



#14  
Allyl chloride  
Concen: 41.36 ug/l  
RT: 2.20 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 41 Resp: 99834  
Ion Ratio Lower Upper  
41 100  
39 142.9 114.6 171.8  
76 27.3 21.0 31.4





#15

Acrylonitrile

Concen: 264.51 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

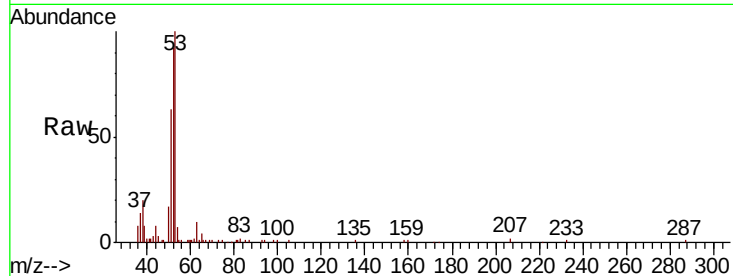
Tot Ion: 53 Resp: 57134

Ion Ratio Lower Upper

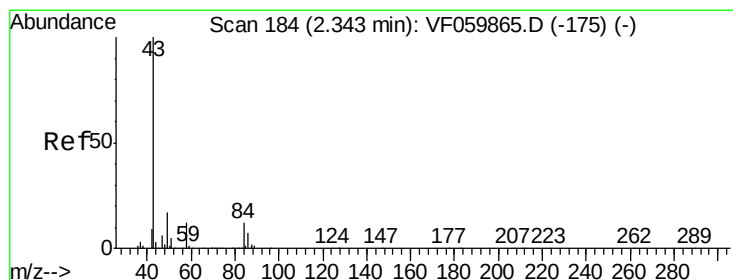
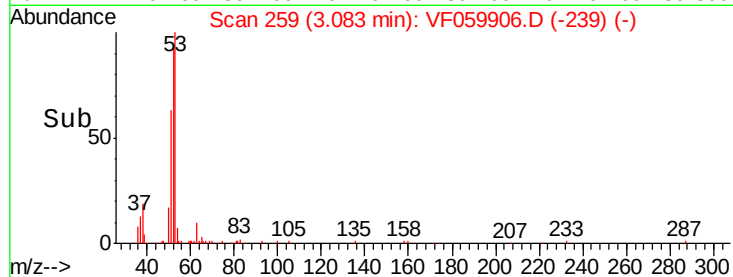
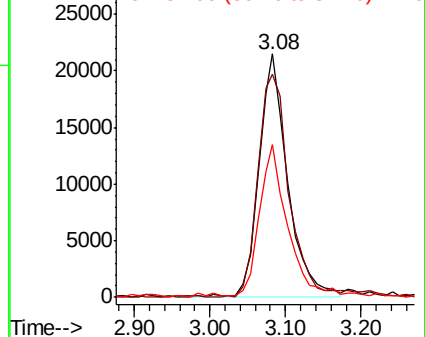
53 100

52 91.7 72.9 109.3

51 62.7 34.5 51.7#



Abundance Ion 53.00 (52.70 to 53.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0  
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 298.03 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059906.D

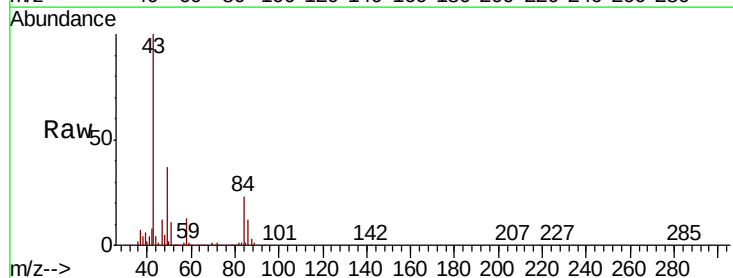
Acq: 7 Aug 2018 6:41

Tgt Ion: 43 Resp: 160785

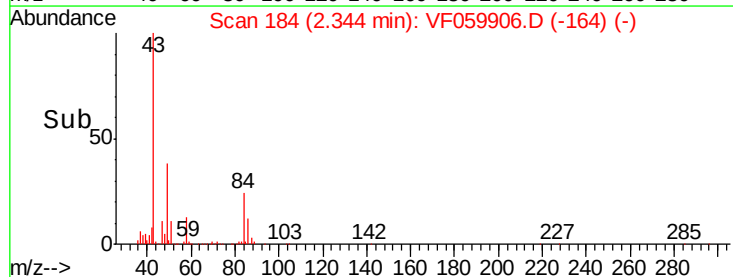
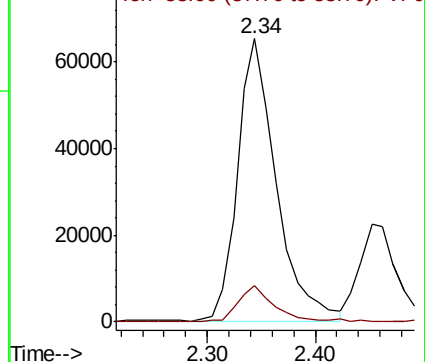
Ion Ratio Lower Upper

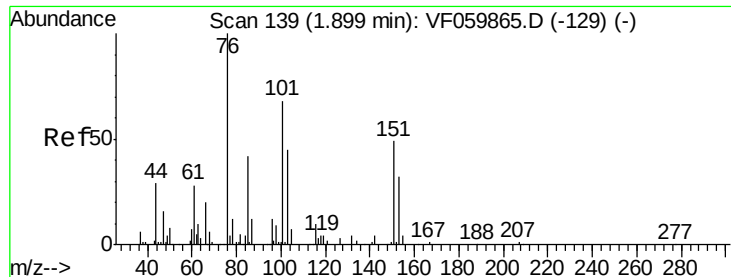
43 100

58 12.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 58.00 (57.70 to 58.70): VF0

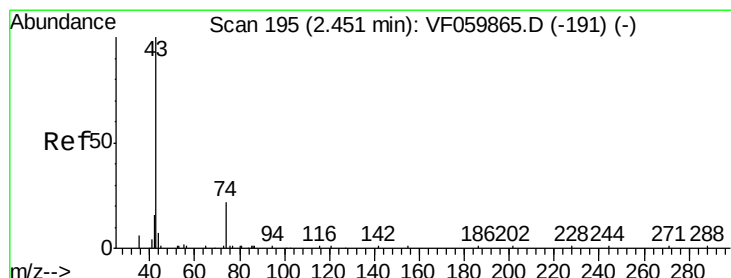
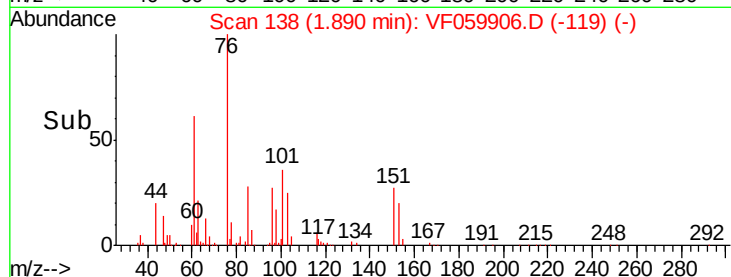
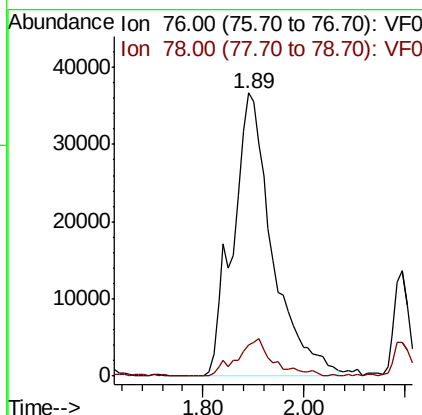
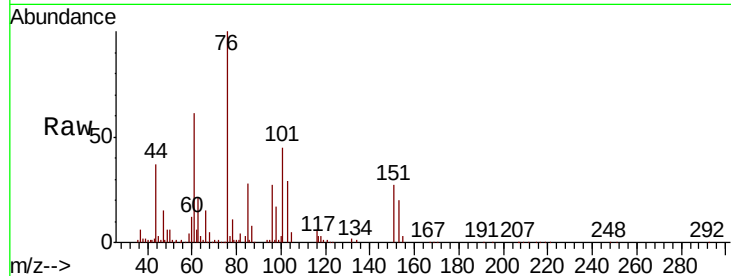




#17  
Carbon Disulfide  
Concen: 51.65 ug/l  
RT: 1.89 min Scan# 138  
Delta R.T. -0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

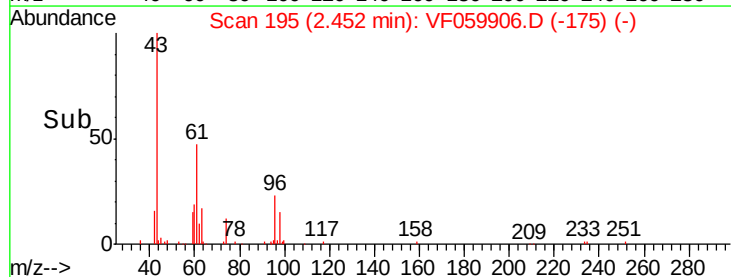
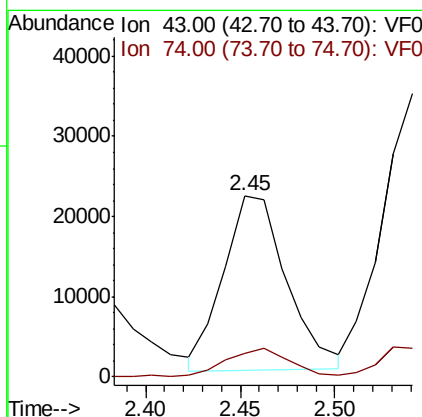
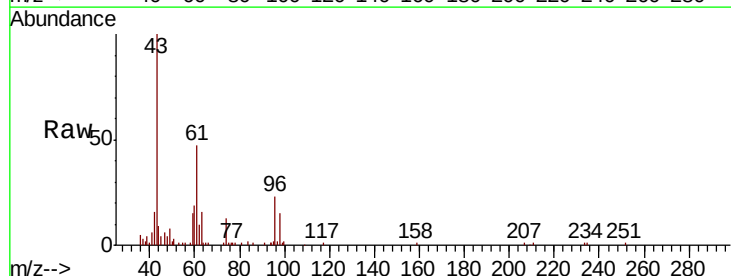
Instrument :  
MSVOA\_F  
ClientSampled :

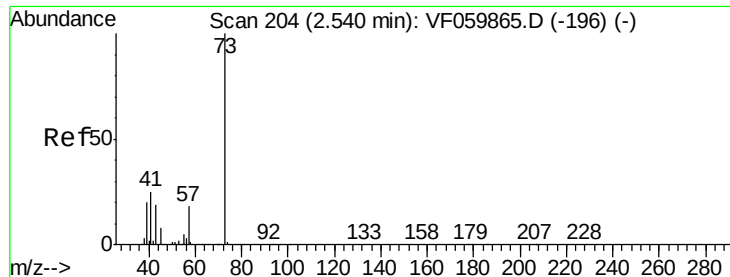
Tot Ion: 76 Resp: 199631  
Ion Ratio Lower Upper  
76 100  
78 11.1 9.3 13.9



#18  
Methyl Acetate  
Concen: 55.26 ug/l  
RT: 2.45 min Scan# 195  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 43 Resp: 50290  
Ion Ratio Lower Upper  
43 100  
74 12.7 16.3 24.5#



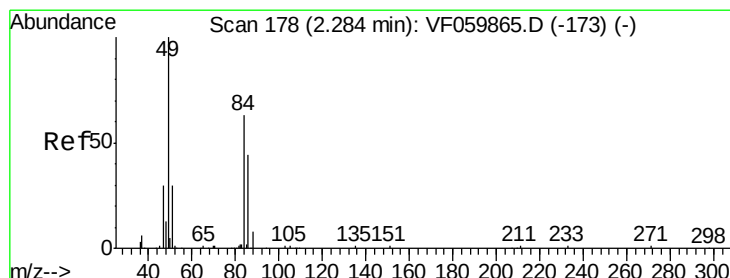
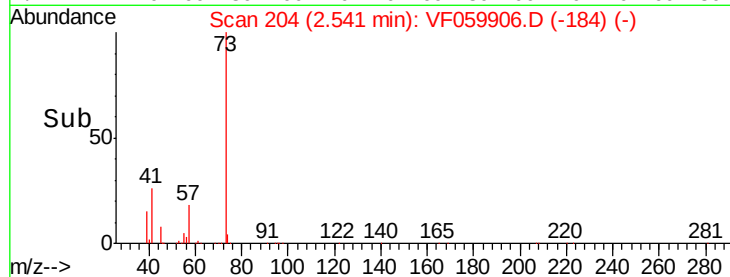
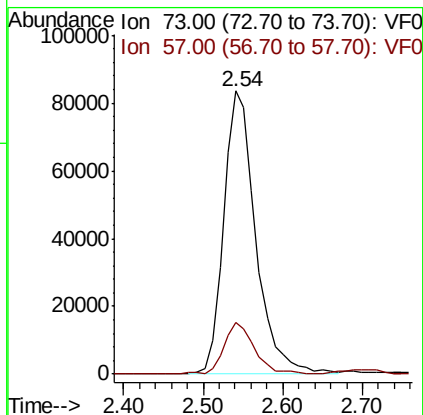
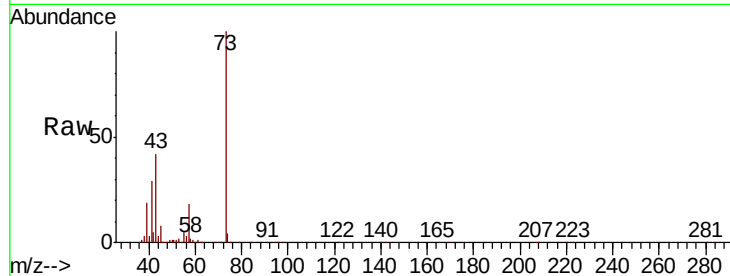


#19

Methyl tert-butyl Ether  
 Concen: 57.10 ug/l  
 RT: 2.54 min Scan# 204  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Instrument :  
 MSVOA\_F  
 ClientSampleId :

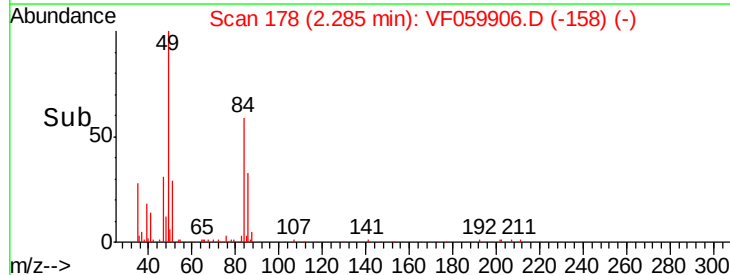
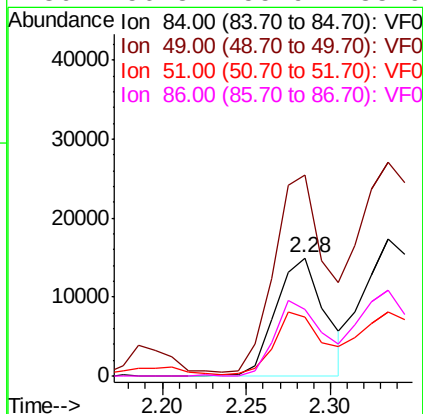
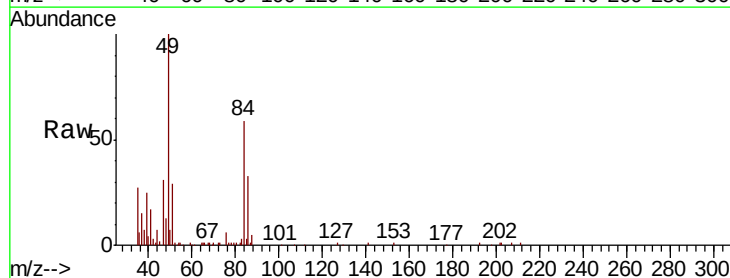
Tot Ion: 73 Resp: 234077  
 Ion Ratio Lower Upper  
 73 100  
 57 18.3 14.3 21.5

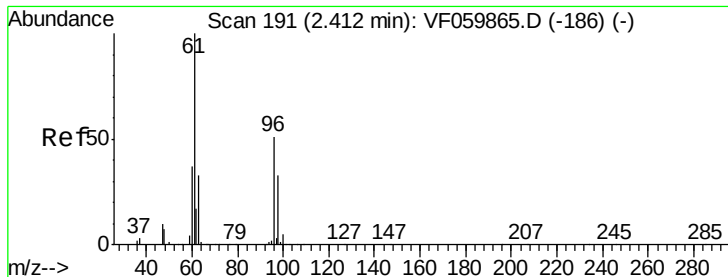


#20

Methylene Chloride  
 Concen: 18.66 ug/l  
 RT: 2.28 min Scan# 178  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 84 Resp: 30103  
 Ion Ratio Lower Upper  
 84 100  
 49 170.9 128.7 193.1  
 51 50.1 39.3 58.9  
 86 56.8 55.9 83.9





#21

trans-1,2-Dichloroethene

Concen: 52.31 ug/l

RT: 2.42 min Scan# 192

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

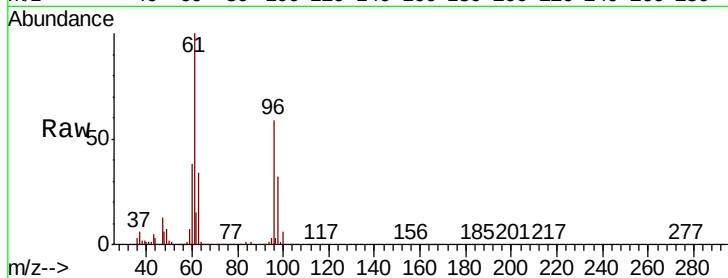
Tot Ion: 96 Resp: 75239

Ion Ratio Lower Upper

96 100

61 170.0 158.2 237.4

98 54.1 52.0 78.0

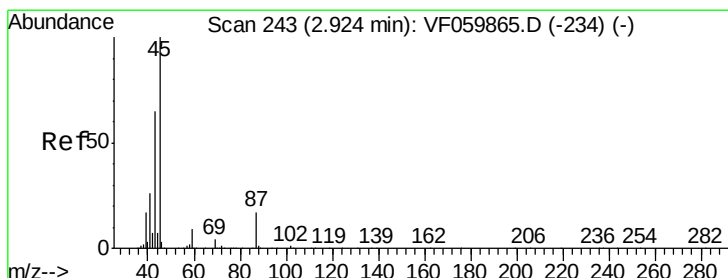
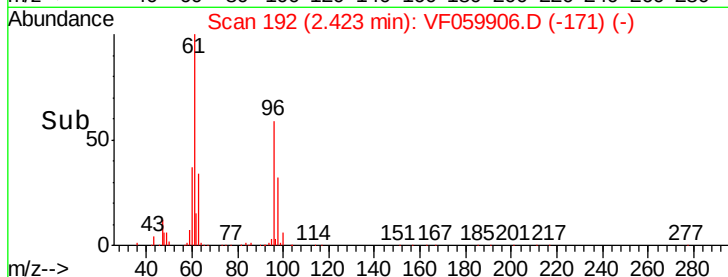
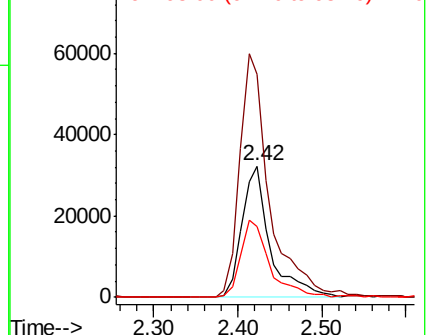


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 53.80 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Tgt Ion: 45 Resp: 249870

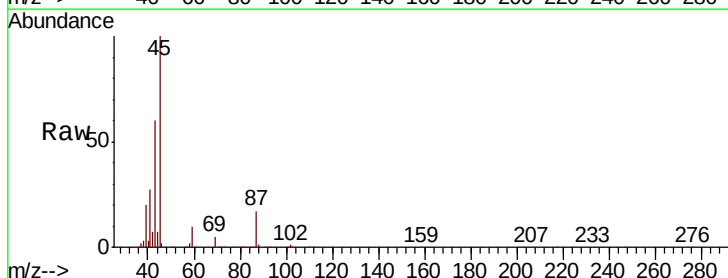
Ion Ratio Lower Upper

45 100

43 60.1 52.1 78.1

87 17.3 13.8 20.8

59 10.0 7.5 11.3



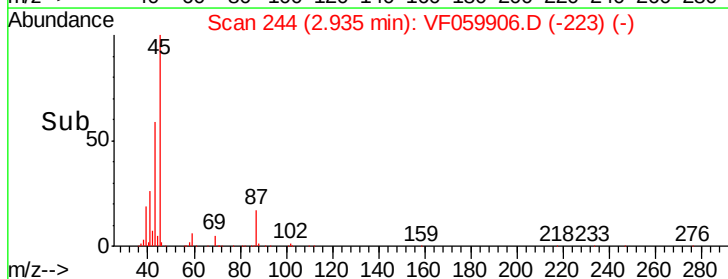
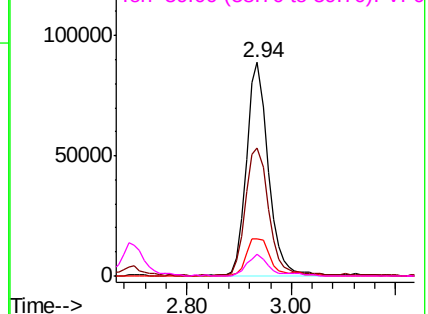
Abundance

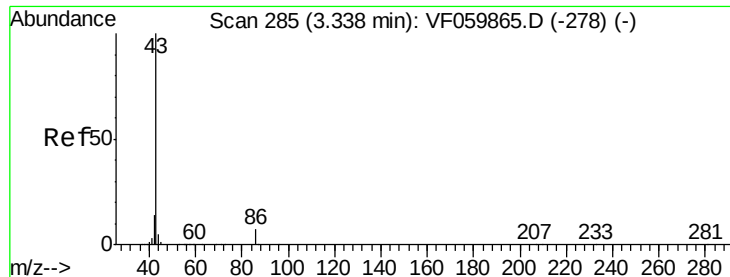
Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

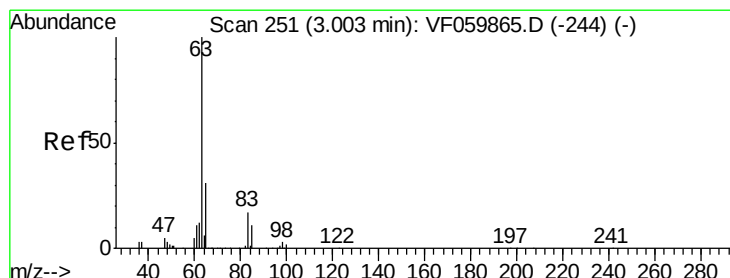
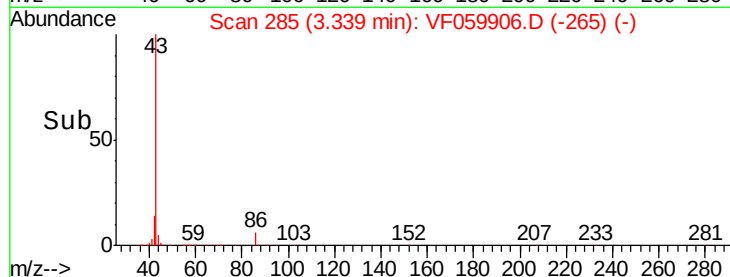
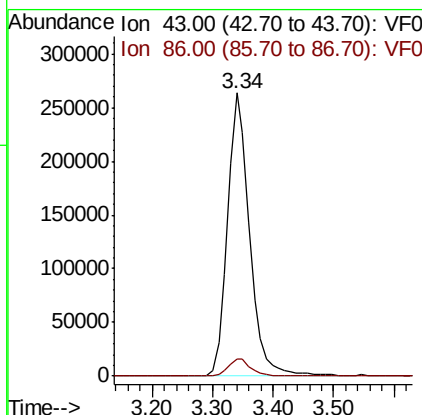
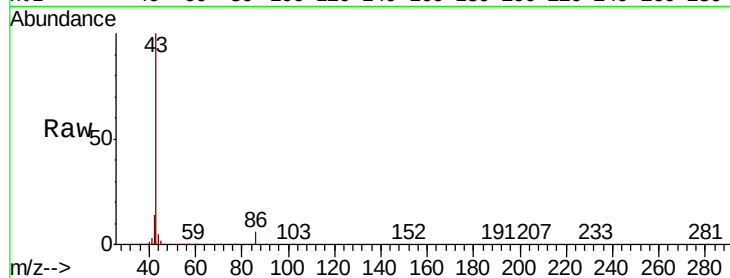




#23  
 Vinyl Acetate  
 Concen: 295.00 ug/l  
 RT: 3.34 min Scan# 285  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

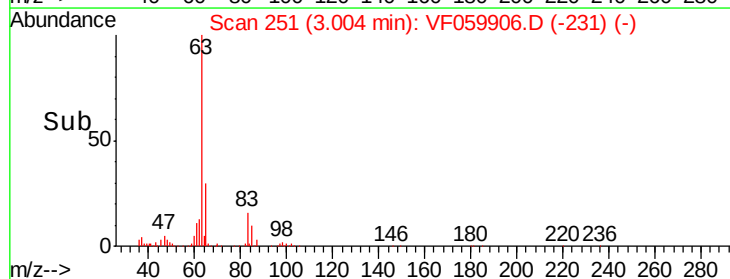
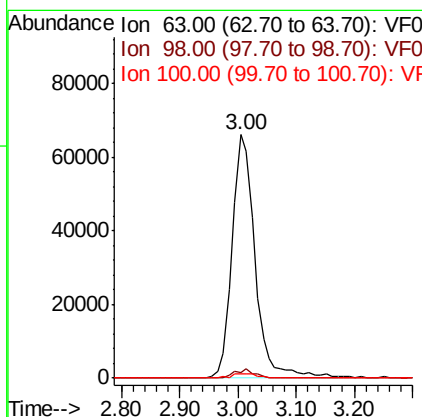
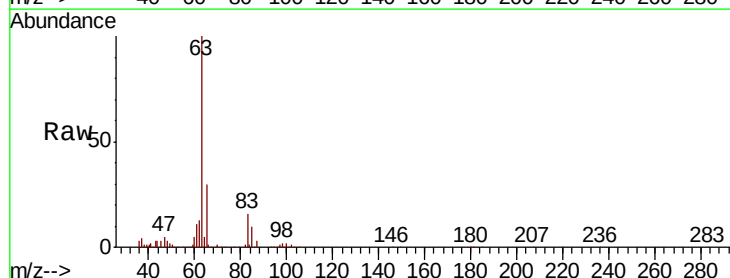
Instrument :  
 MSVOA\_F  
 ClientSampleId :

Tot Ion: 43 Resp: 663218  
 Ion Ratio Lower Upper  
 43 100  
 86 6.3 5.6 8.4

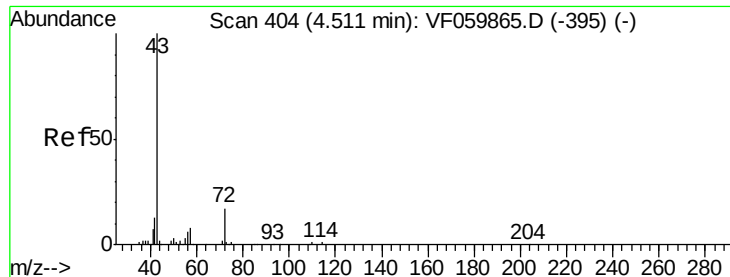


#24  
 1,1-Dichloroethane  
 Concen: 53.98 ug/l  
 RT: 3.00 min Scan# 251  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 63 Resp: 182553  
 Ion Ratio Lower Upper  
 63 100  
 98 2.5 1.9 5.7  
 100 1.7 1.1 3.5







#25

2-Butanone

Concen: 293.80 ug/l

RT: 4.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

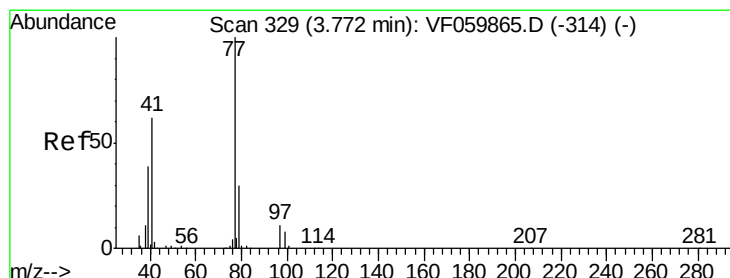
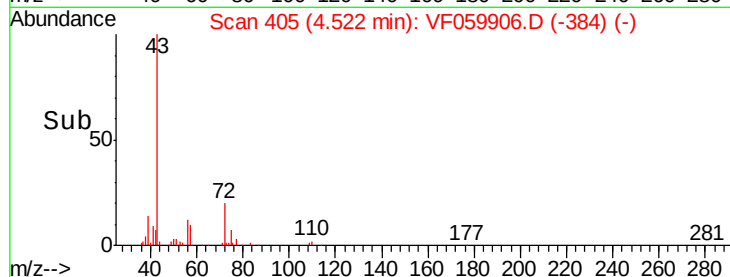
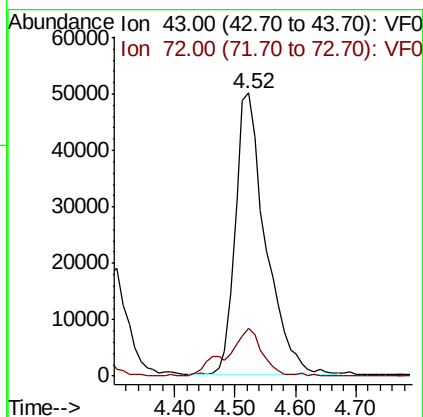
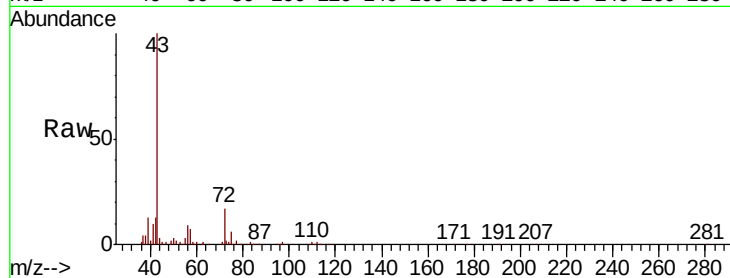
ClientSampleId :

Tot Ion: 43 Resp: 172343

Ion Ratio Lower Upper

43 100

72 16.8 13.9 20.9



#26

2,2-Dichloropropane

Concen: 49.28 ug/l

RT: 3.77 min Scan# 329

Delta R.T. 0.00 min

Lab File: VF059906.D

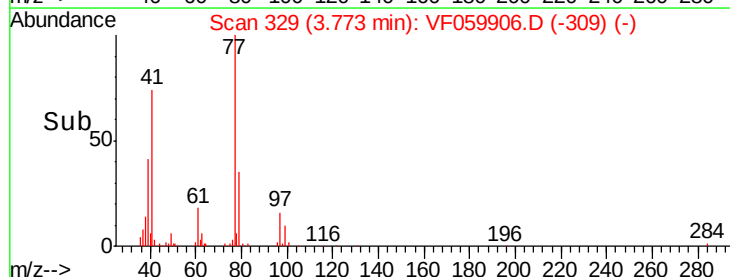
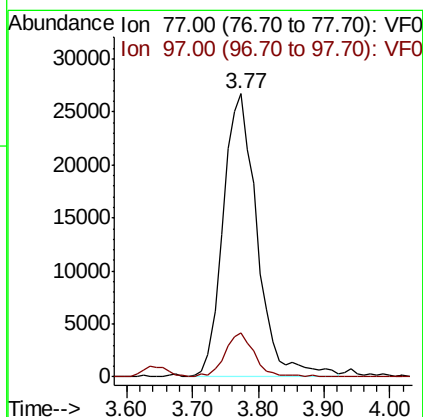
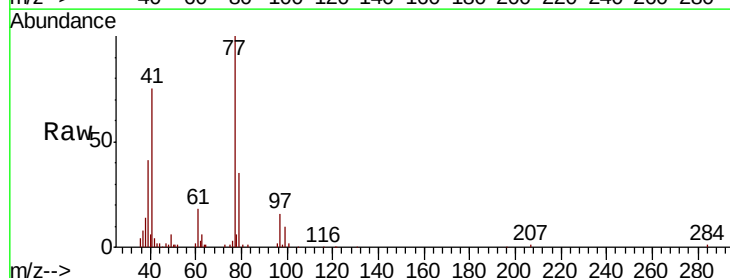
Acq: 7 Aug 2018 6:41

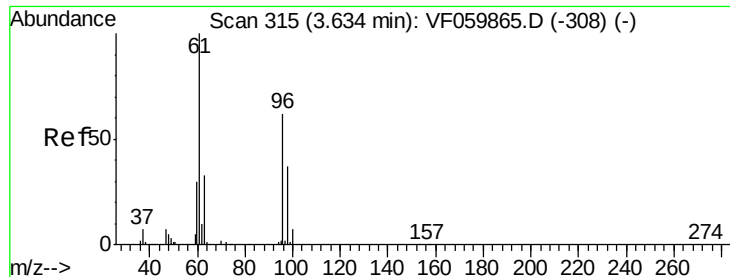
Tgt Ion: 77 Resp: 97023

Ion Ratio Lower Upper

77 100

97 15.7 6.8 20.3





#27

cis-1,2-Dichloroethene

Concen: 48.51 ug/l

RT: 3.64 min Scan# 315

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampled :

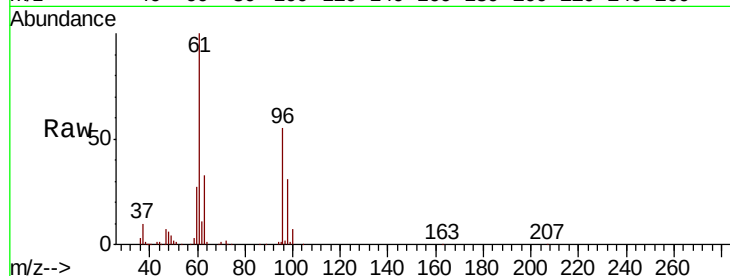
Tot Ion: 96 Resp: 78447

Ion Ratio Lower Upper

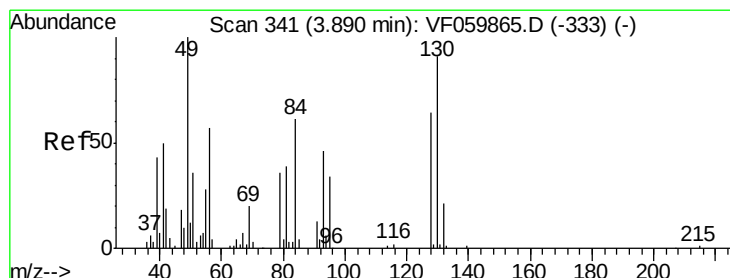
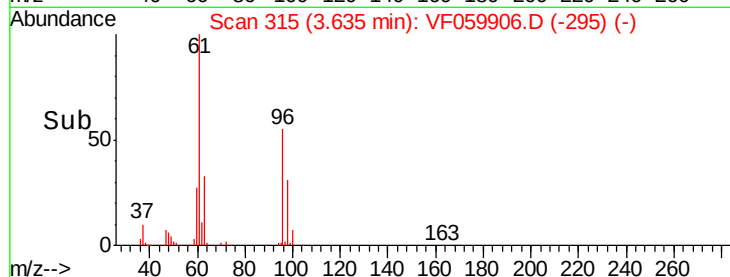
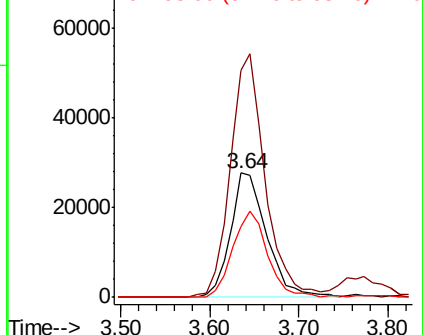
96 100

61 182.5 0.0 320.8

98 57.3 0.0 117.6



Abundance Ion 96.00 (95.70 to 96.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 58.19 ug/l

RT: 3.90 min Scan# 342

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

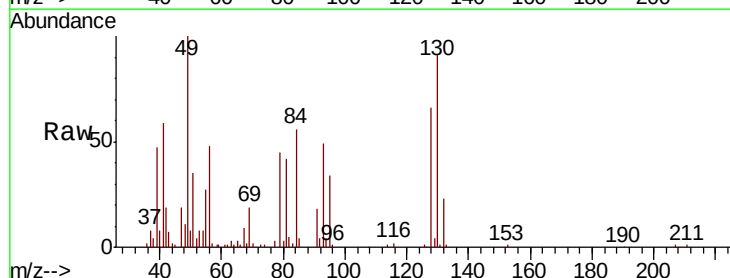
Tgt Ion: 49 Resp: 69492

Ion Ratio Lower Upper

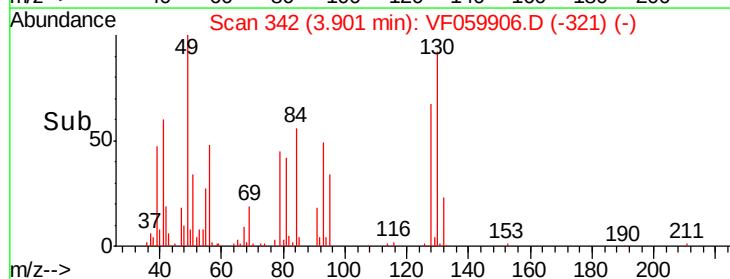
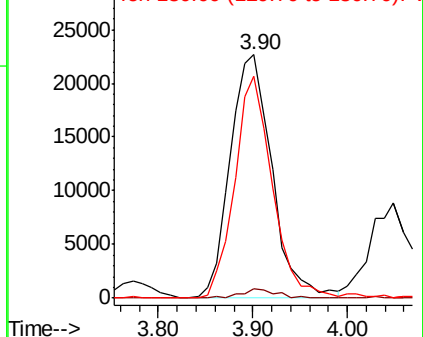
49 100

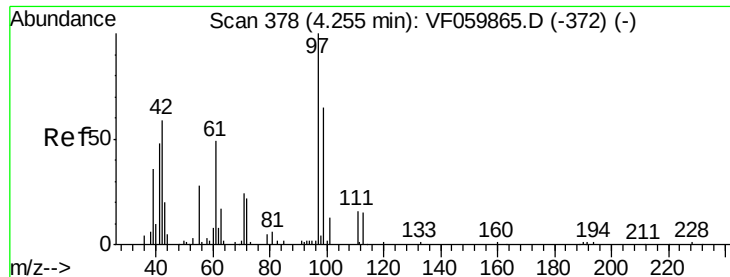
129 3.7 0.0 4.6

130 91.1 73.8 110.8



Abundance Ion 49.00 (48.70 to 49.70): VF0  
Ion 129.00 (128.70 to 129.70): V  
Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 296.17 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

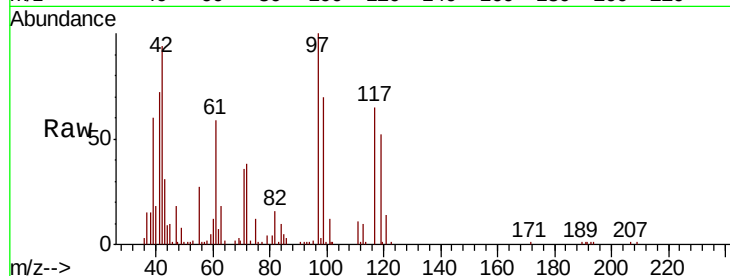
Tot Ion: 42 Resp: 63958

Ion Ratio Lower Upper

42 100

72 37.8 29.3 43.9

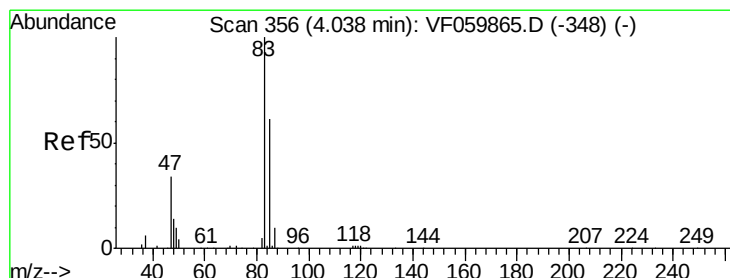
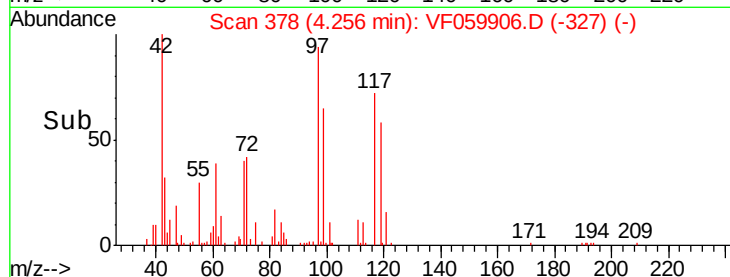
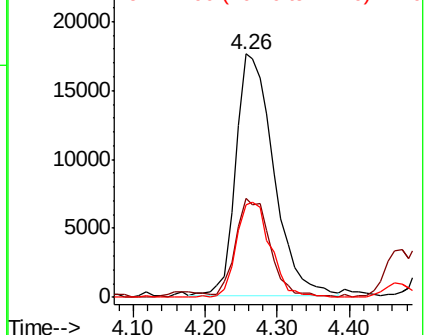
71 35.8 30.0 45.0



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 52.75 ug/l

RT: 4.05 min Scan# 357

Delta R.T. 0.01 min

Lab File: VF059906.D

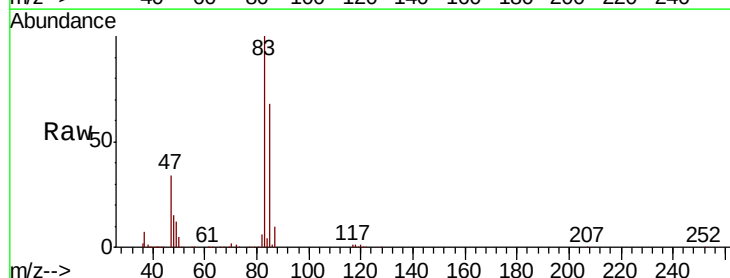
Acq: 7 Aug 2018 6:41

Tgt Ion: 83 Resp: 241352

Ion Ratio Lower Upper

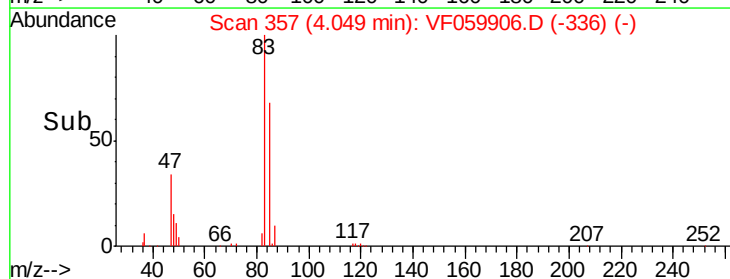
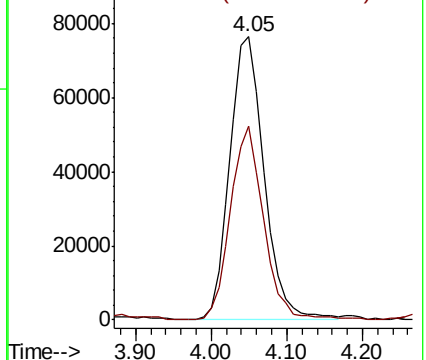
83 100

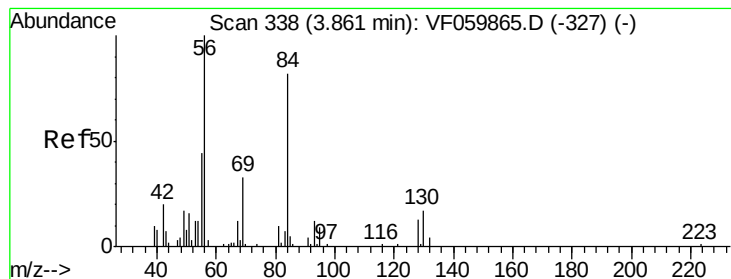
85 68.4 49.3 73.9



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 50.12 ug/l

RT: 3.86 min Scan# 338

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

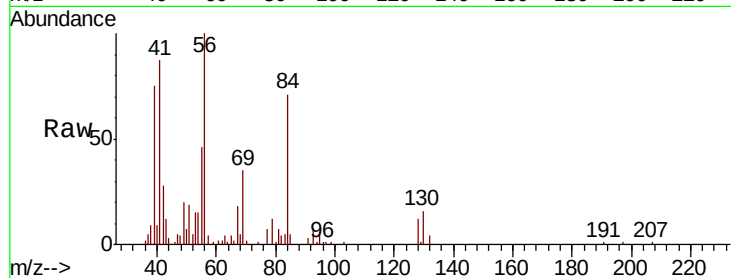
Tot Ion: 56 Resp: 83900

Ion Ratio Lower Upper

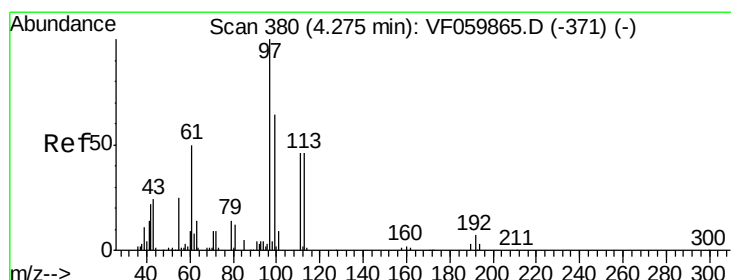
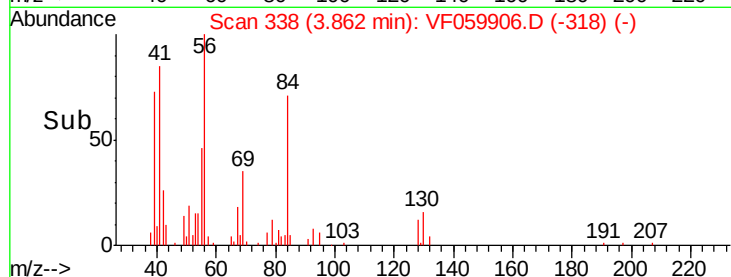
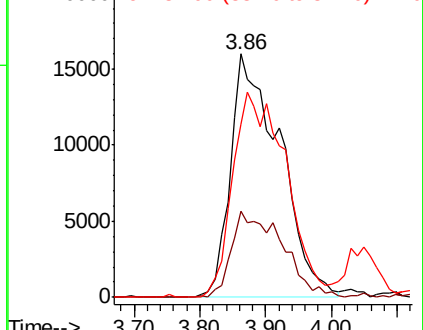
56 100

69 35.3 26.7 40.1

84 71.2 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 51.05 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

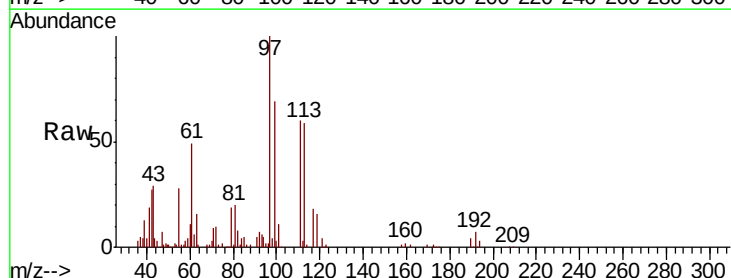
Tgt Ion: 97 Resp: 186872

Ion Ratio Lower Upper

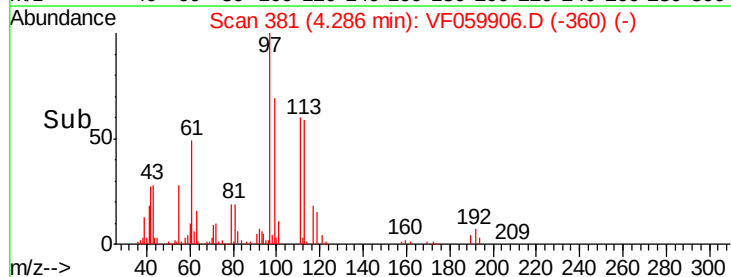
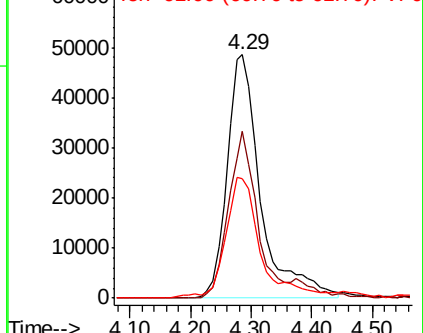
97 100

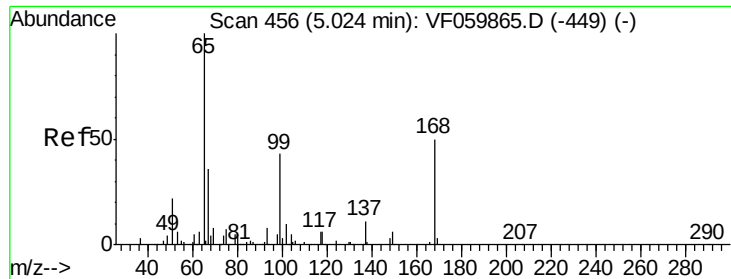
99 68.5 51.4 77.2

61 49.3 40.8 61.2



Abundance Ion 97.00 (96.70 to 97.70): VF0  
Ion 99.00 (98.70 to 99.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0

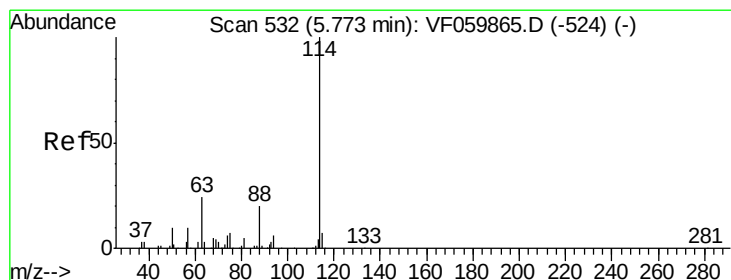
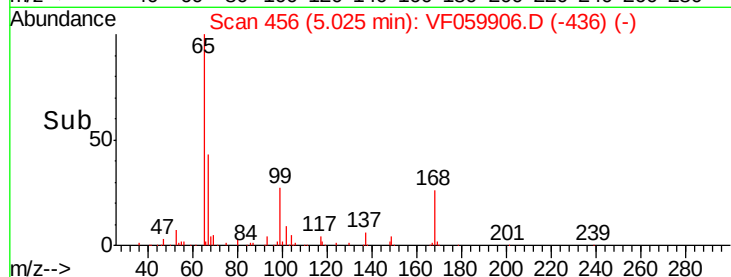
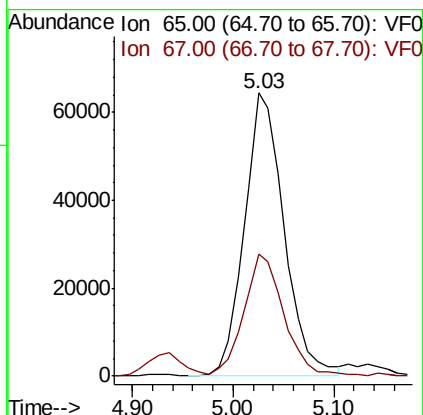
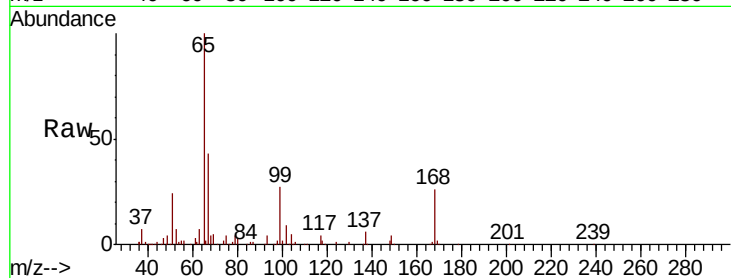




#33  
 1,2-Dichloroethane-d4  
 Concen: 60.13 ug/l  
 RT: 5.03 min Scan# 456  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

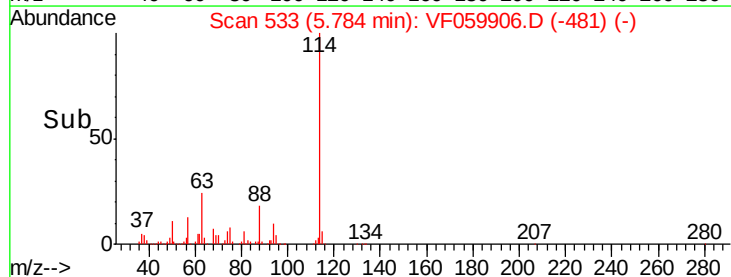
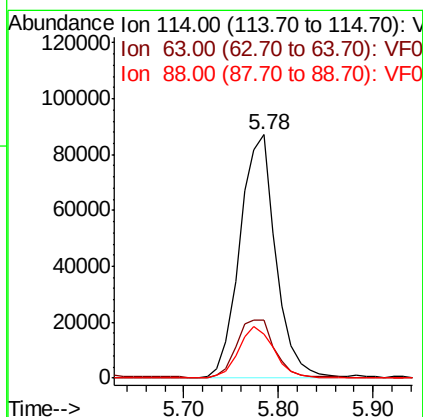
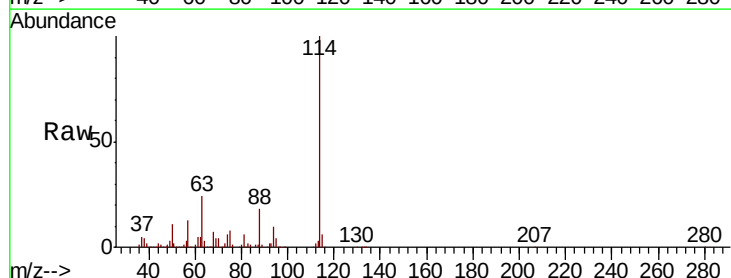
Instrument :  
 MSVOA\_F  
 ClientSampleId :

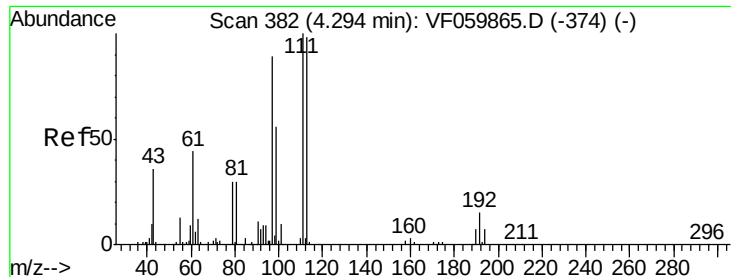
Tot Ion: 65 Resp: 175719  
 Ion Ratio Lower Upper  
 65 100  
 67 43.4 0.0 77.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.78 min Scan# 533  
 Delta R.T. 0.01 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 114 Resp: 229194  
 Ion Ratio Lower Upper  
 114 100  
 63 23.9 0.0 48.0  
 88 18.3 0.0 39.4





#35

Dibromofluoromethane

Concen: 56.57 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampled :

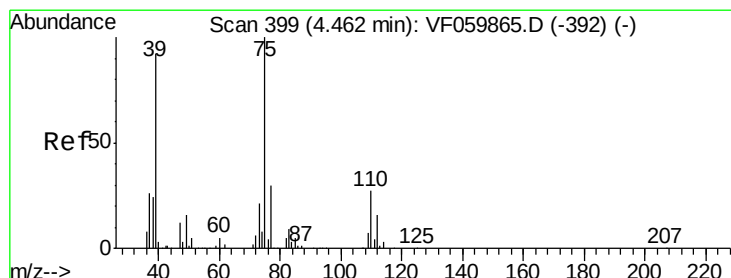
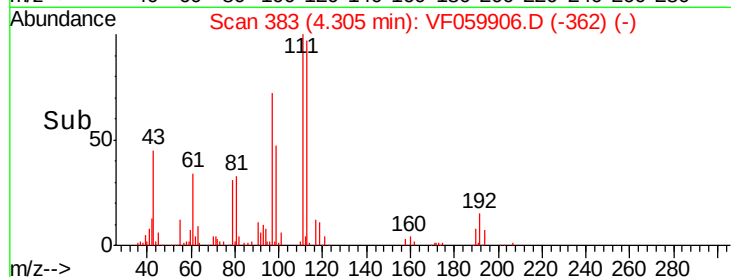
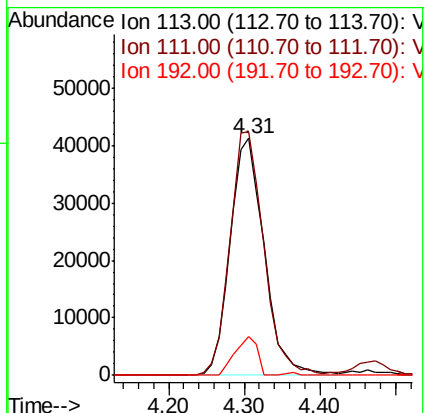
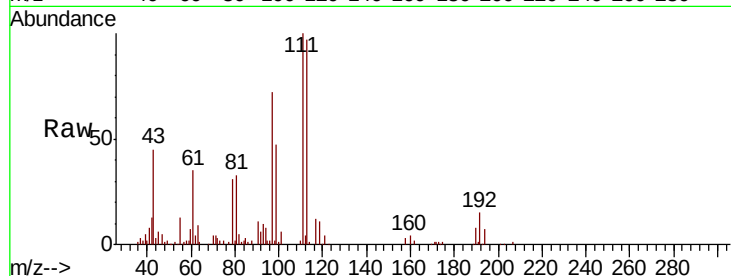
Tot Ion:113 Resp: 129008

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 16.1 12.4 18.6



#36

1,1-Dichloropropene

Concen: 52.21 ug/l

RT: 4.46 min Scan# 399

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

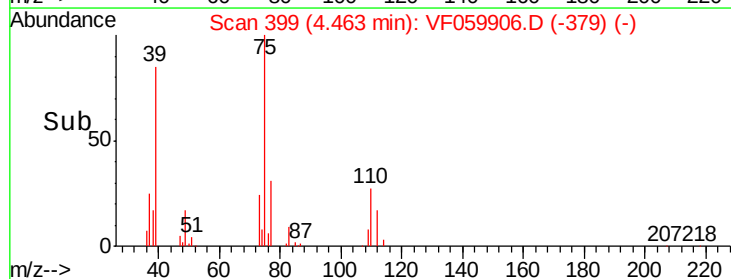
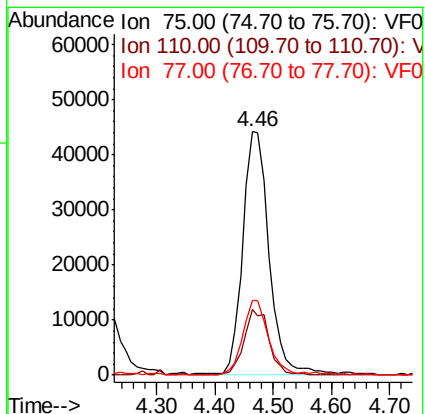
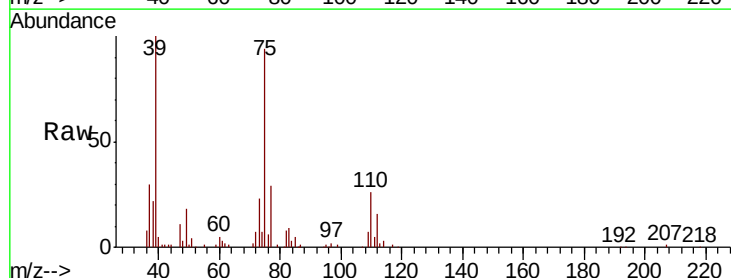
Tgt Ion: 75 Resp: 138399

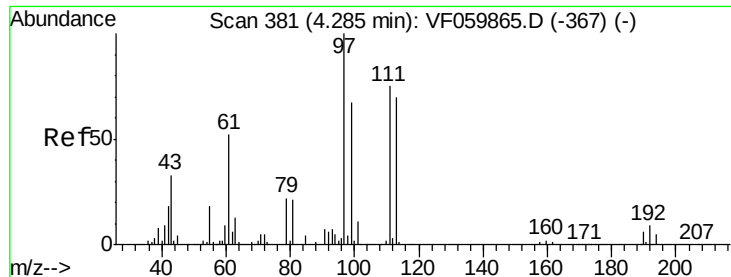
Ion Ratio Lower Upper

75 100

110 27.2 13.6 40.7

77 30.5 23.7 35.5

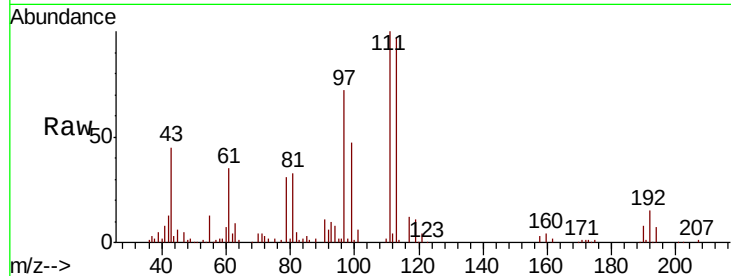




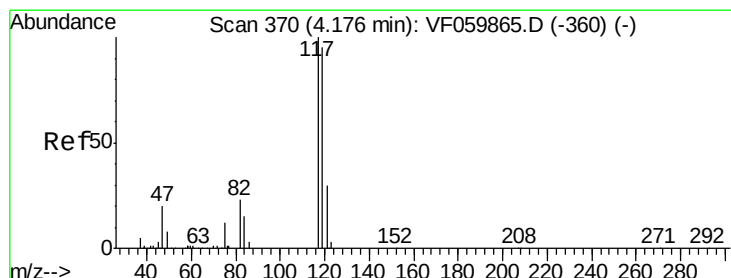
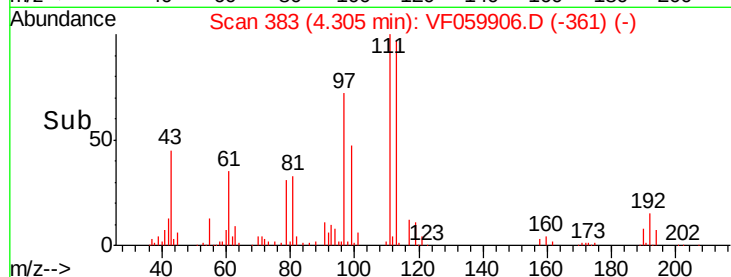
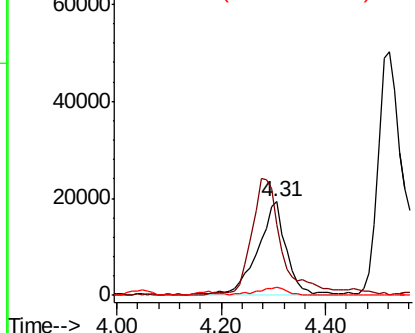
#37  
Ethyl Acetate  
Concen: 65.03 ug/l  
RT: 4.31 min Scan# 383  
Delta R.T. 0.02 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 43 Resp: 74026  
Ion Ratio Lower Upper  
43 100  
61 76.2 123.7 185.5#  
70 9.0 7.8 11.8

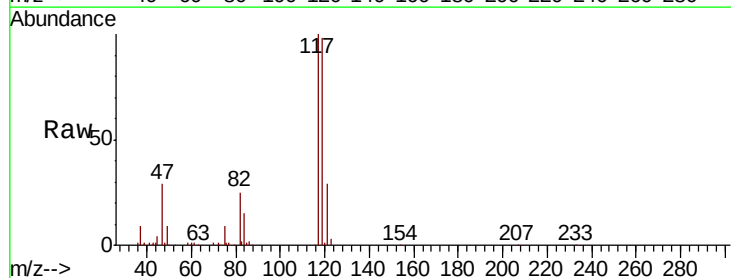


Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 70.00 (69.70 to 70.70): VF0

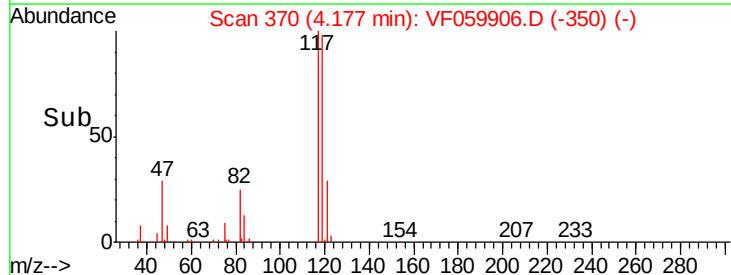
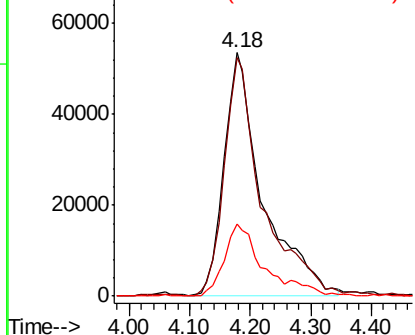


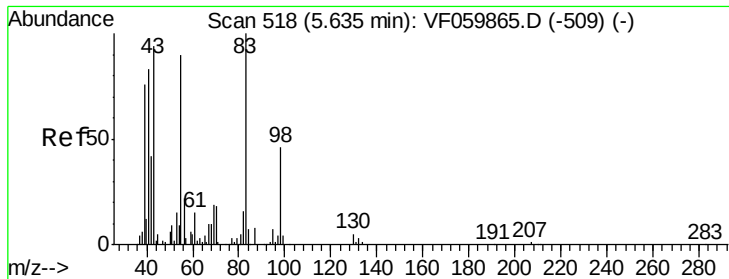
#38  
Carbon Tetrachloride  
Concen: 62.35 ug/l  
RT: 4.18 min Scan# 370  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 117 Resp: 236608  
Ion Ratio Lower Upper  
117 100  
119 98.1 76.5 114.7  
121 29.4 23.8 35.8



Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 119.00 (118.70 to 119.70): V  
Ion 121.00 (120.70 to 121.70): V

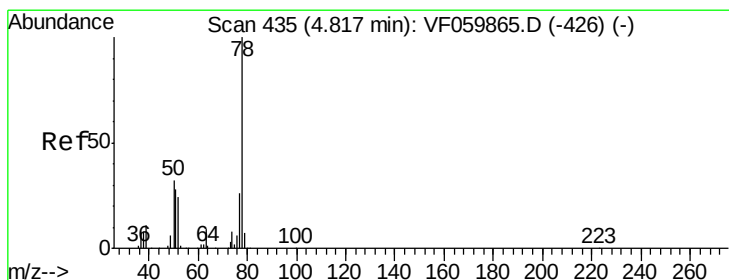
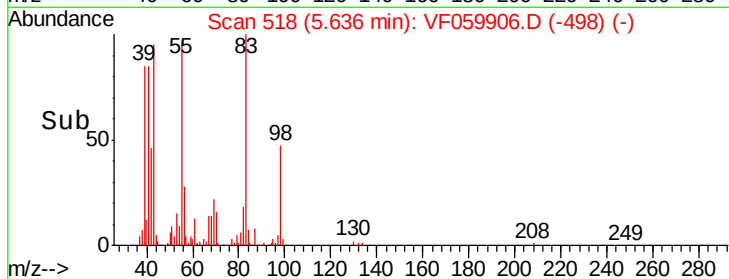
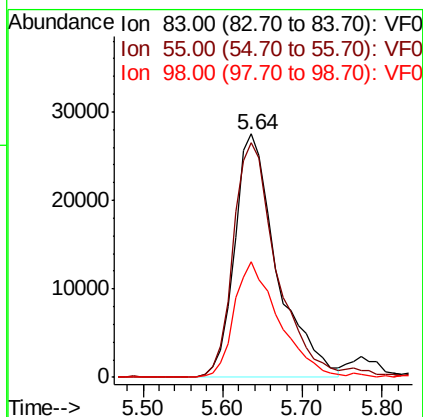
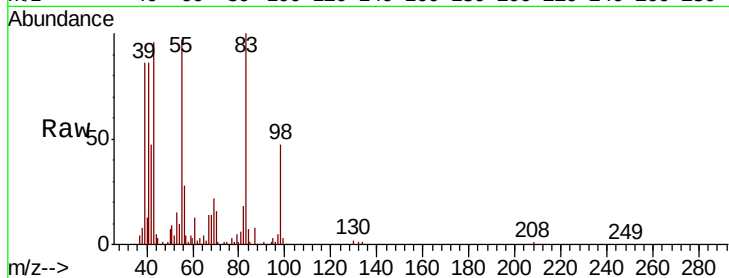




#39  
Methylvlcyclohexane  
Concen: 51.02 ug/l  
RT: 5.64 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

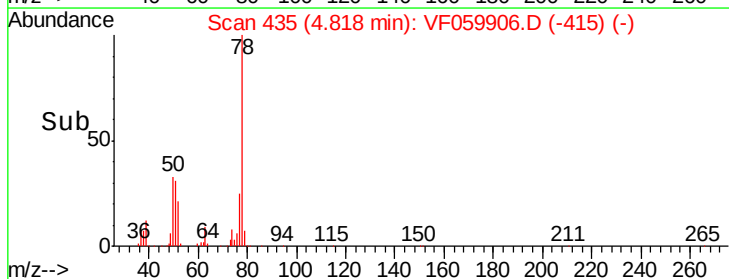
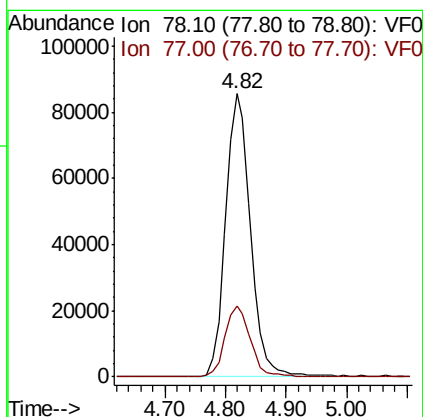
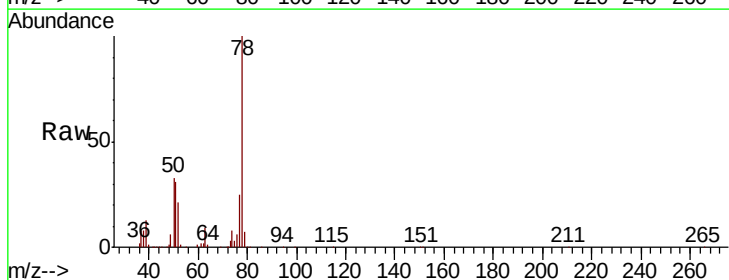
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 83 Resp: 101427  
Ion Ratio Lower Upper  
83 100  
55 96.5 72.0 108.0  
98 47.5 36.6 54.8

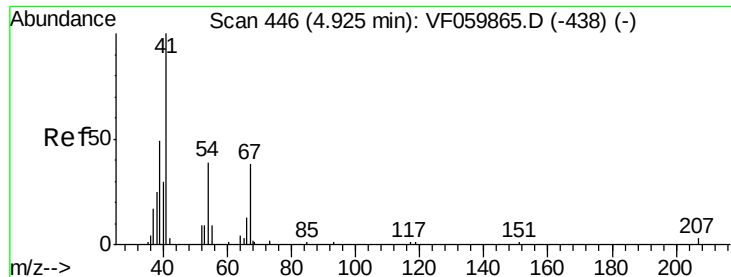


#40  
Benzene  
Concen: 54.01 ug/l  
RT: 4.82 min Scan# 435  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 78 Resp: 244266  
Ion Ratio Lower Upper  
78 100  
77 24.9 20.7 31.1



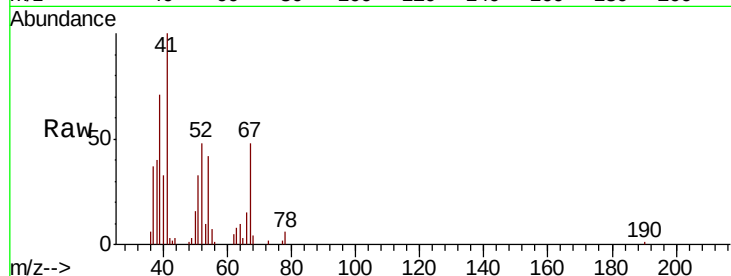




#41  
Methacrylonitrile  
Concen: 49.88 ug/l  
RT: 4.94 min Scan# 447  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 71.0  | 55.1  | 82.7  |
| 67      | 48.2  | 30.3  | 45.5  |
| 52      | 47.7  | 36.0  | 54.0  |



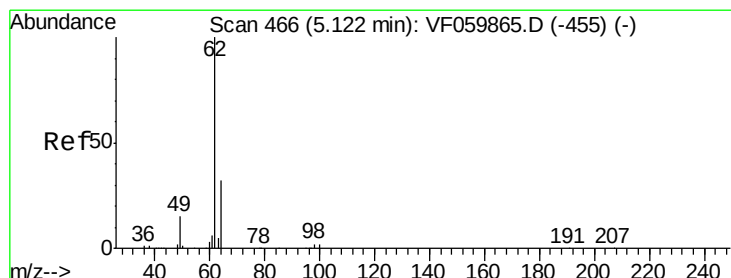
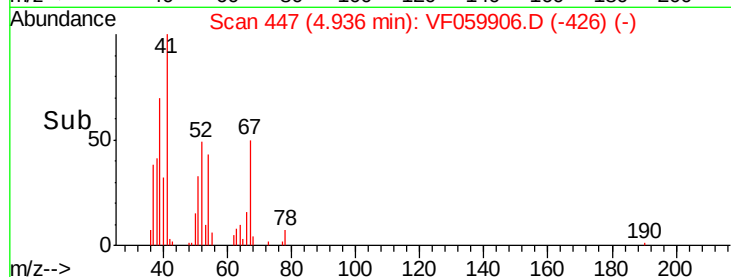
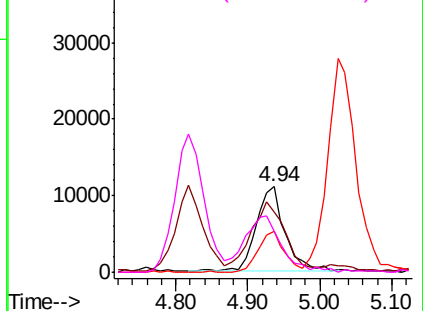
Abundance

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

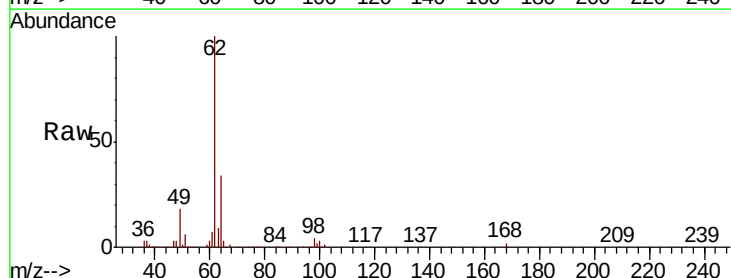
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42  
1,2-Dichloroethane  
Concen: 59.55 ug/l  
RT: 5.12 min Scan# 466  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

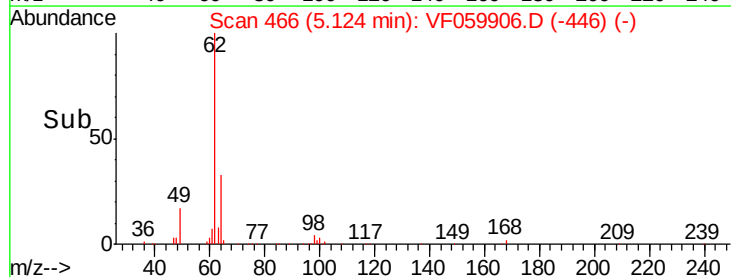
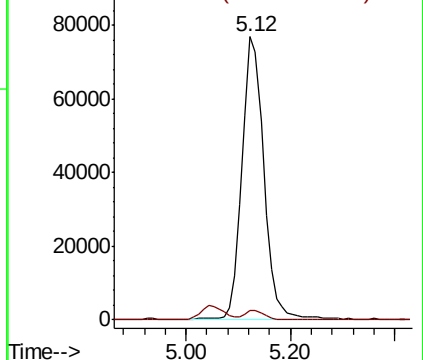
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 3.6   | 0.0   | 7.6   |

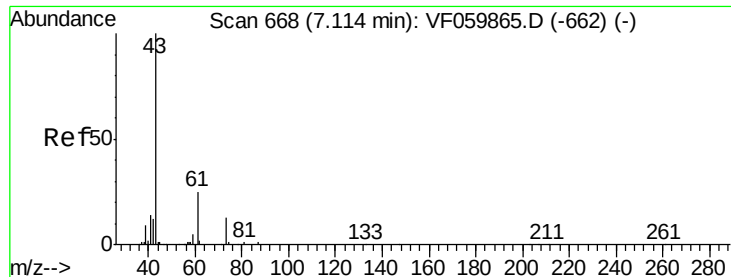


Abundance

Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 63.62 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

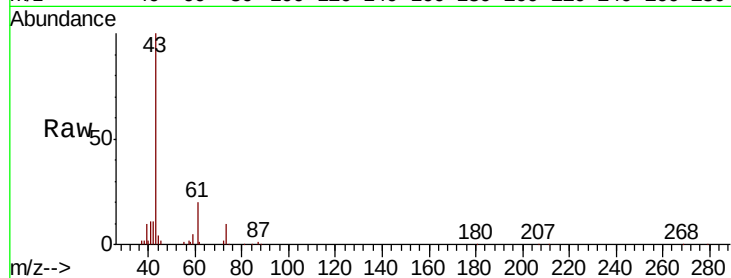
Tot Ion: 43 Resp: 74567

Ion Ratio Lower Upper

43 100

61 19.8 20.3 30.5#

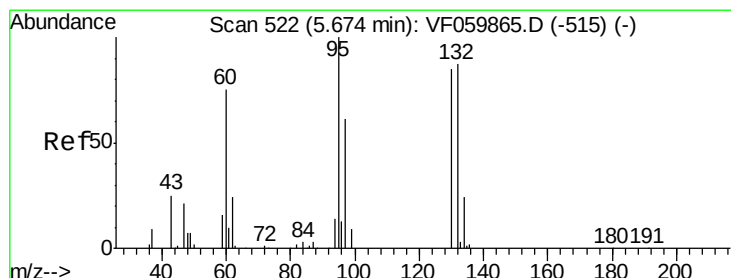
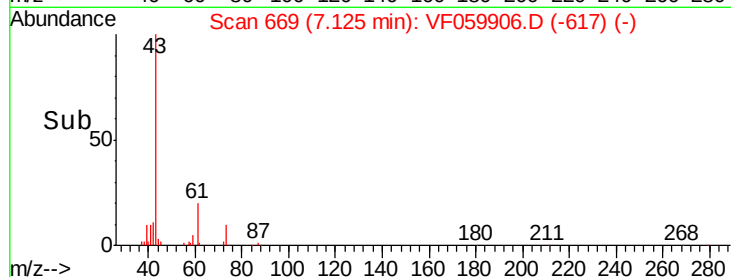
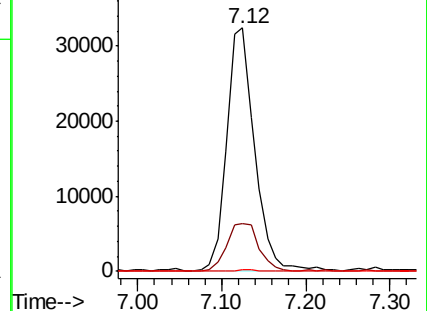
87 0.6 0.7 1.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 54.15 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.01 min

Lab File: VF059906.D

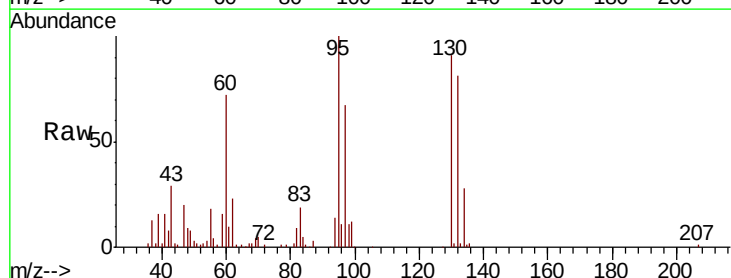
Acq: 7 Aug 2018 6:41

Tgt Ion:130 Resp: 95602

Ion Ratio Lower Upper

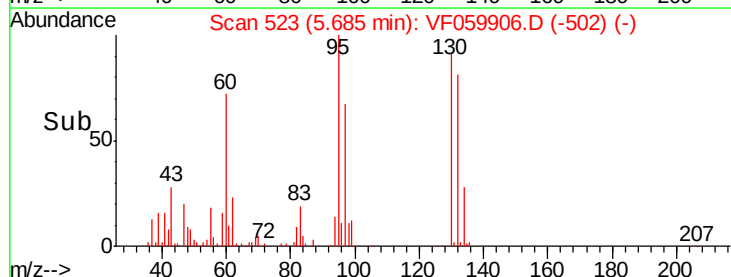
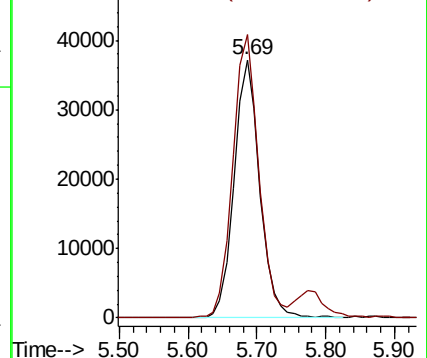
130 100

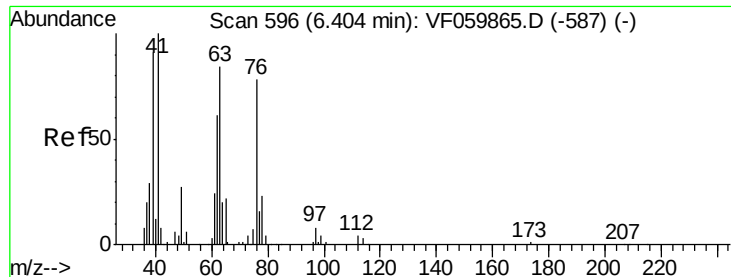
95 109.7 0.0 236.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 54.89 ug/l

RT: 6.41 min Scan# 597

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

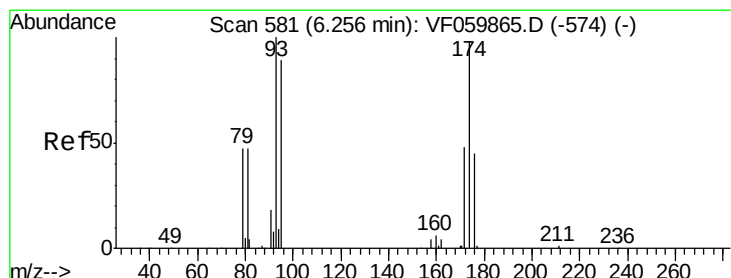
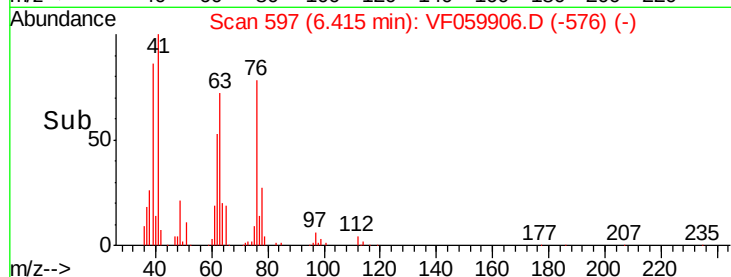
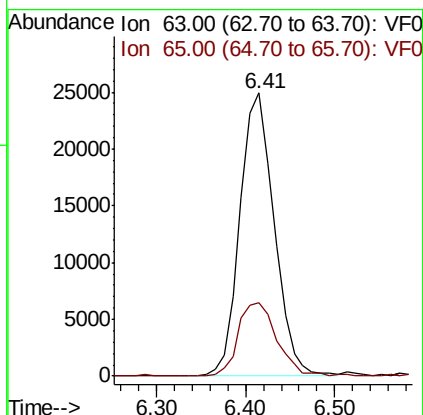
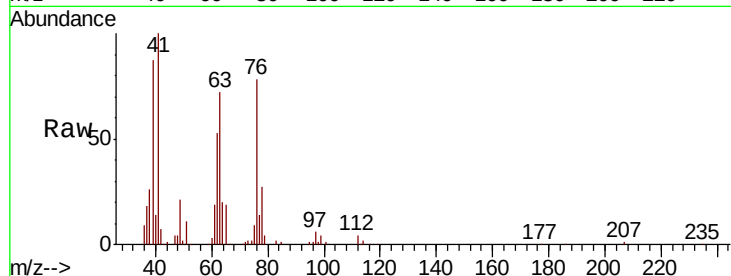
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 63 Resp: 66772

Ion Ratio Lower Upper

63 100

65 26.0 20.4 30.6



#46

Dibromomethane

Concen: 57.80 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

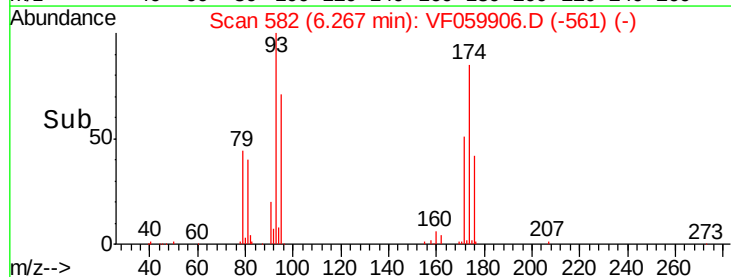
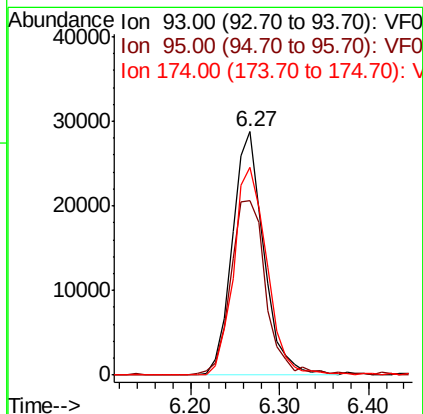
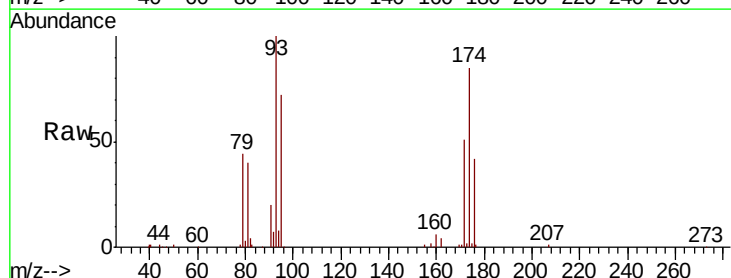
Tgt Ion: 93 Resp: 70949

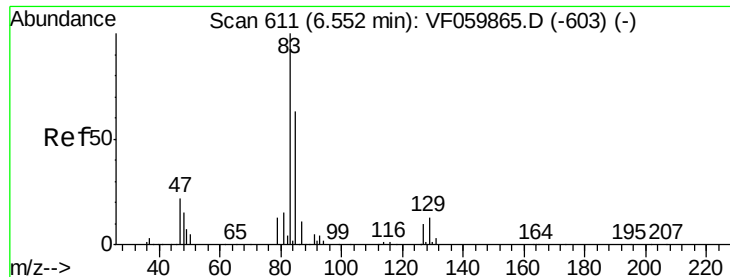
Ion Ratio Lower Upper

93 100

95 71.9 71.4 107.2

174 87.7 78.1 117.1





#47

Bromodichloromethane

Concen: 58.66 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

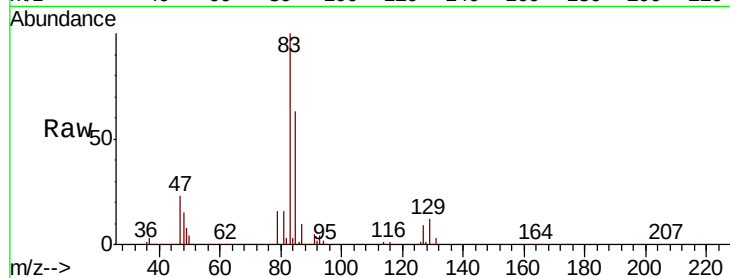
Tot Ion: 83 Resp: 196940

Ion Ratio Lower Upper

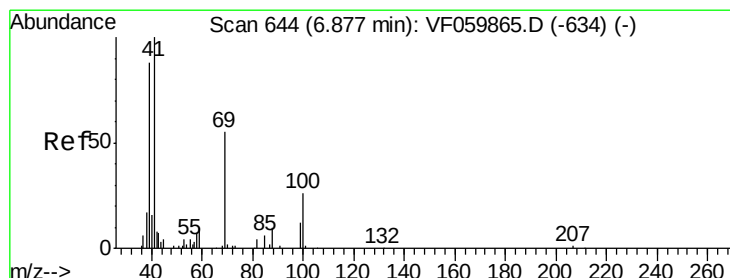
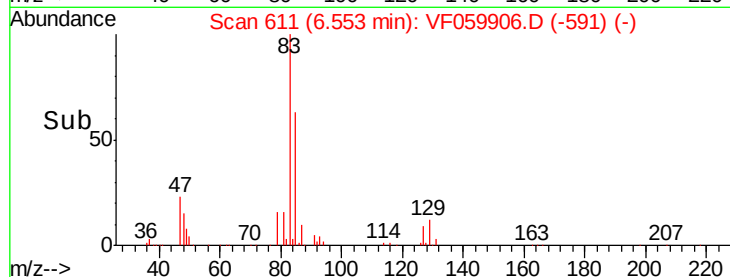
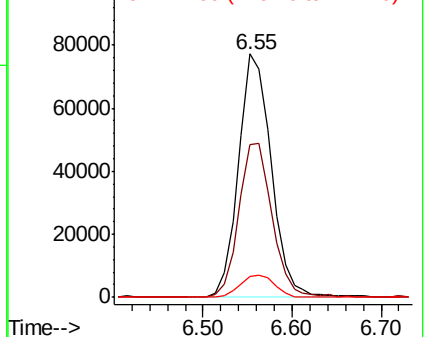
83 100

85 62.7 50.7 76.1

127 9.6 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 85.00 (84.70 to 85.70): VF0  
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 75.17 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

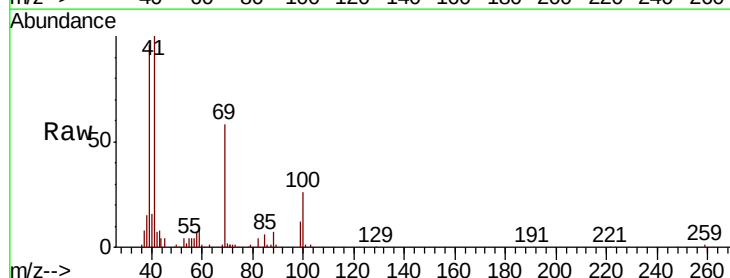
Tgt Ion: 41 Resp: 68542

Ion Ratio Lower Upper

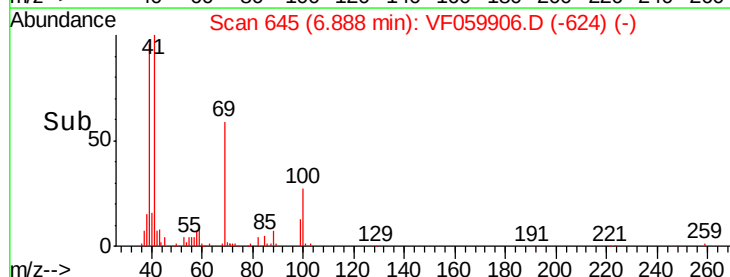
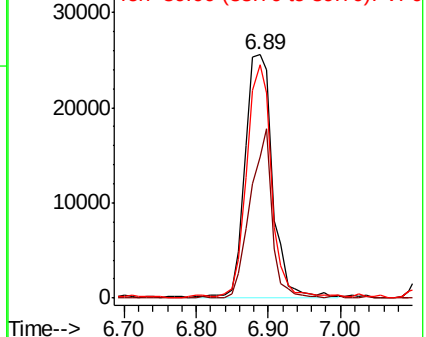
41 100

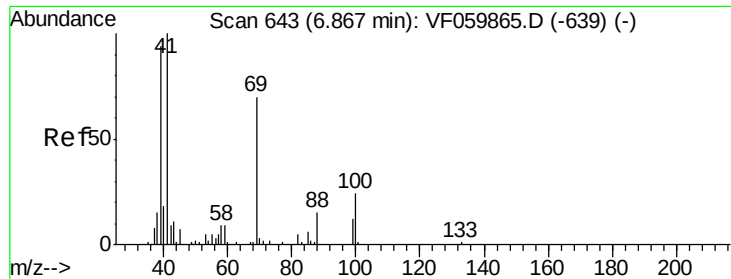
69 57.9 44.4 66.6

39 96.1 70.6 106.0



Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0

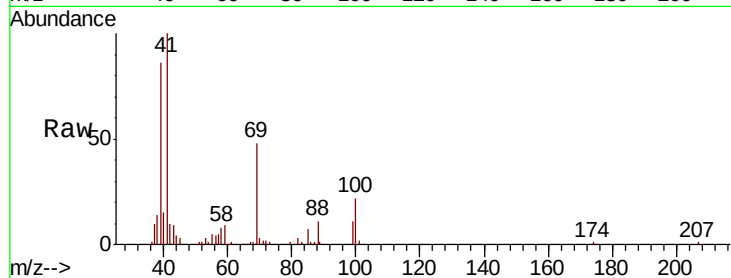




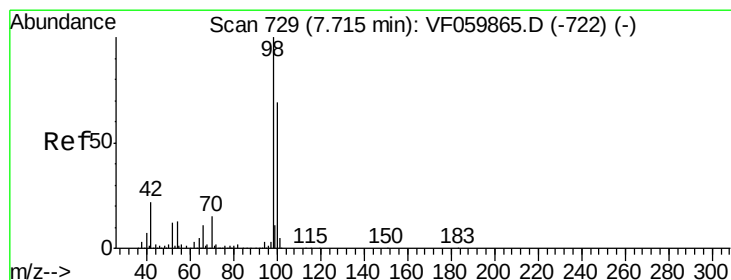
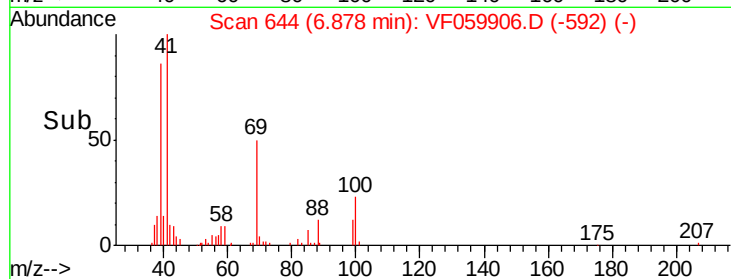
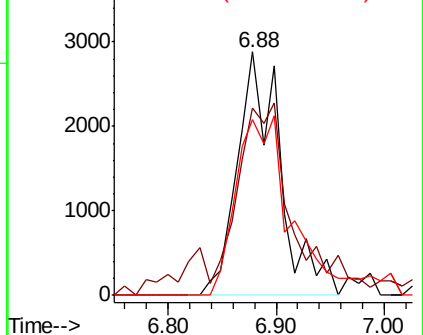
#49  
1,4-Dioxane  
Concen: 1203.41 ug/l  
RT: 6.88 min Scan# 644  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 88 Resp: 8000  
Ion Ratio Lower Upper  
88 100  
43 77.2 58.3 87.5  
58 72.1 49.4 74.2

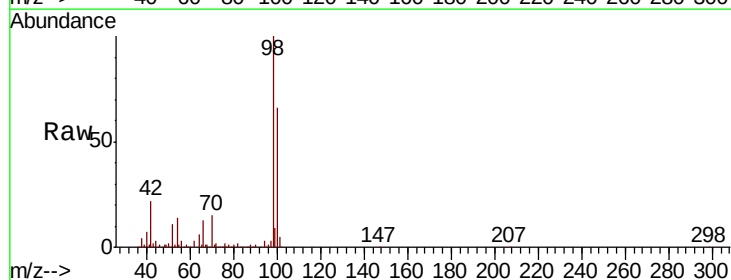


Abundance Ion 88.00 (87.70 to 88.70): VF0  
Ion 43.00 (42.70 to 43.70): VF0  
Ion 58.00 (57.70 to 58.70): VF0

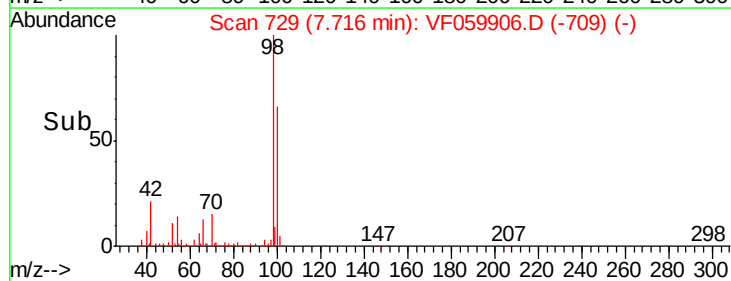
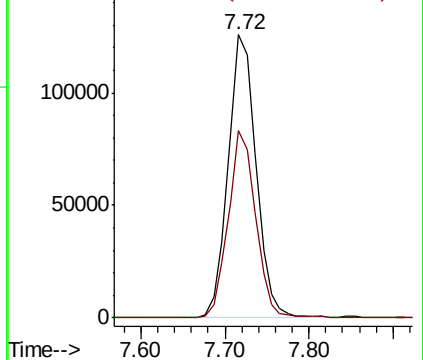


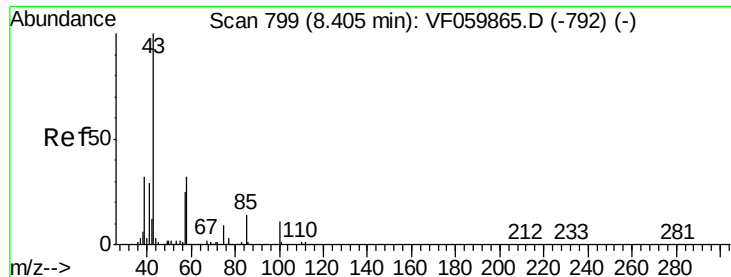
#50  
Toluene-d8  
Concen: 60.14 ug/l  
RT: 7.72 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 98 Resp: 291798  
Ion Ratio Lower Upper  
98 100  
100 66.3 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0  
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 315.85 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

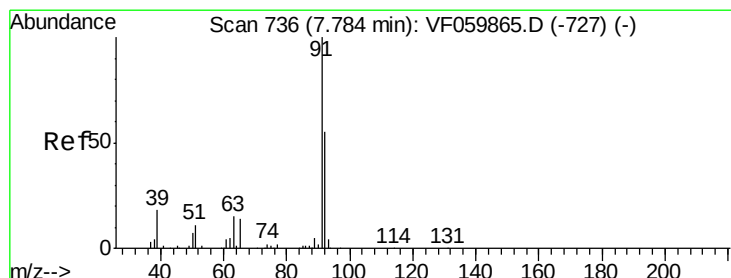
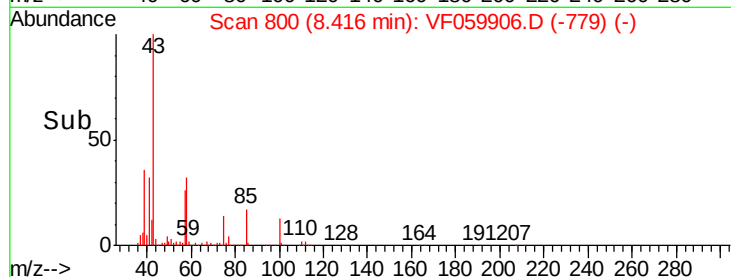
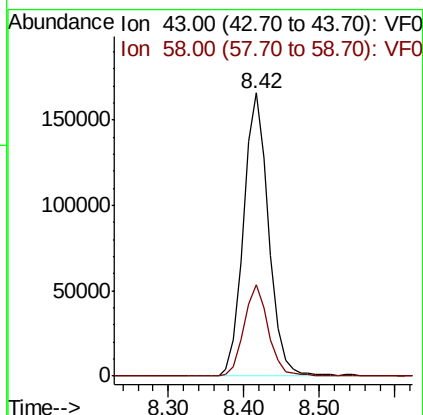
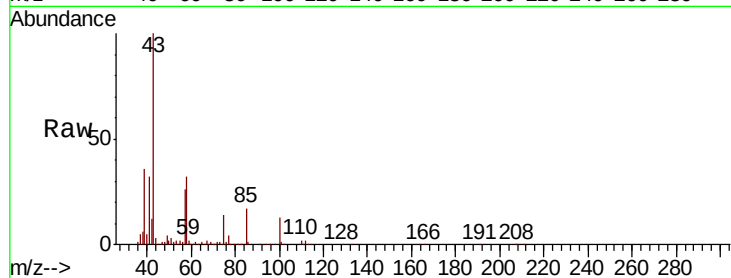
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 43 Resp: 378514

Ion Ratio Lower Upper

43 100

58 32.1 25.4 38.0



#52

Toluene

Concen: 53.76 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059906.D

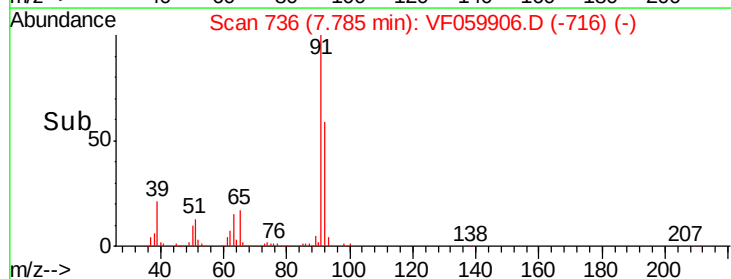
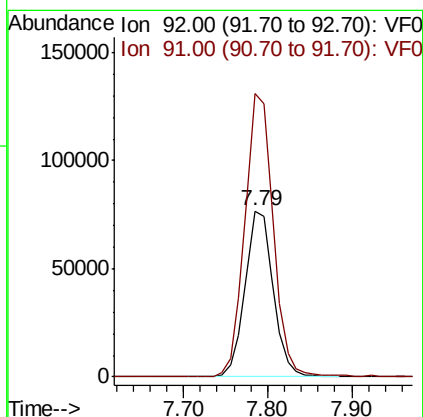
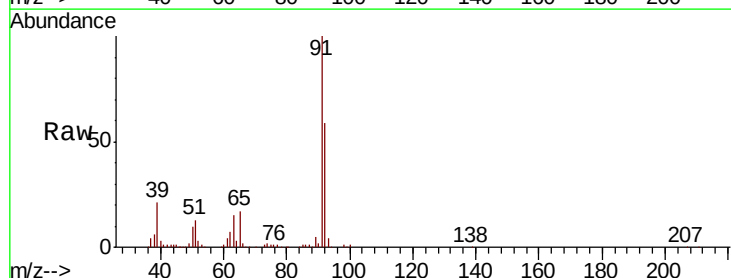
Acq: 7 Aug 2018 6:41

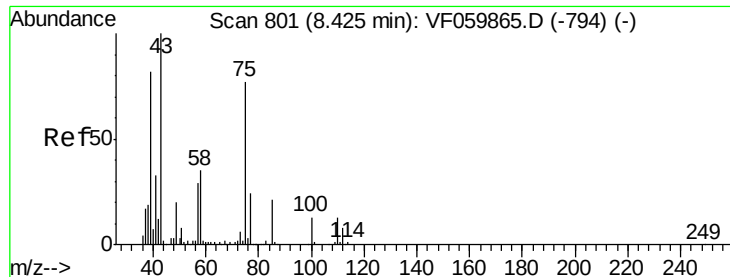
Tgt Ion: 92 Resp: 179995

Ion Ratio Lower Upper

92 100

91 170.6 145.7 218.5





#53

t-1,3-Dichloropropene

Concen: 60.99 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

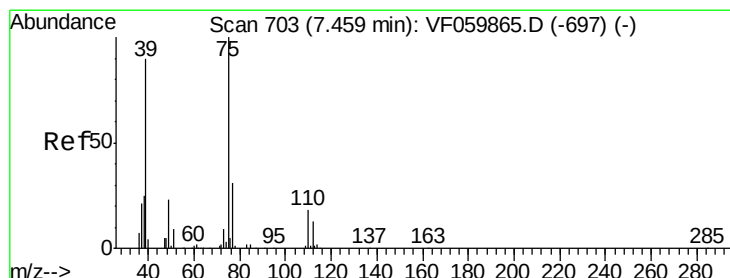
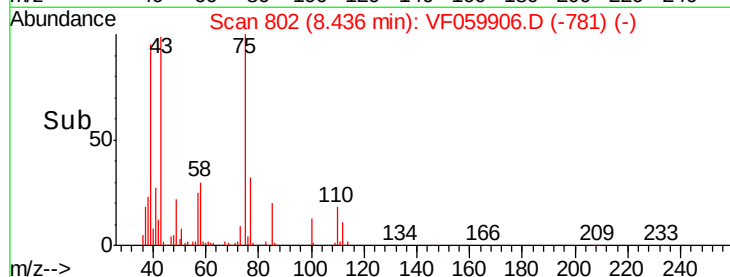
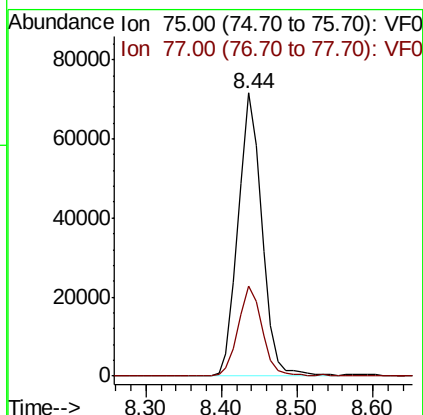
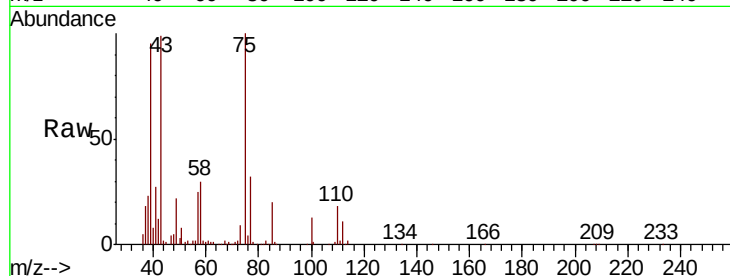
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 75 Resp: 155761

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 58.44 ug/l

RT: 7.47 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

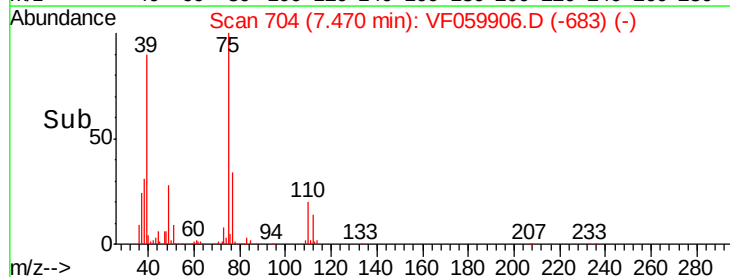
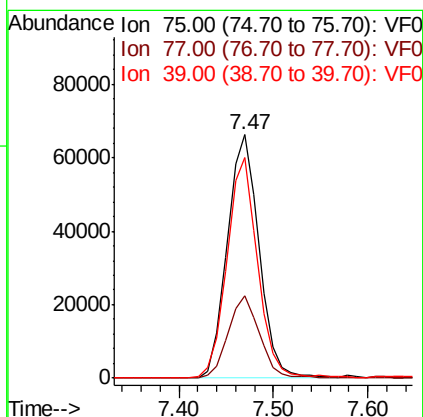
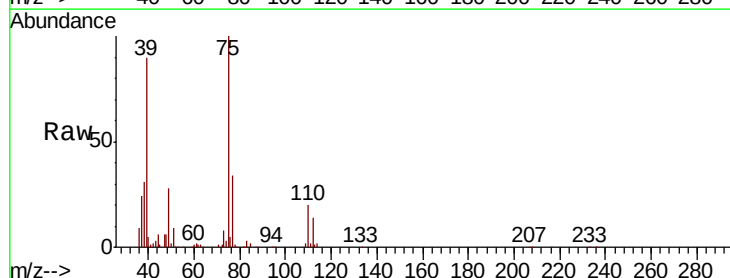
Tgt Ion: 75 Resp: 154035

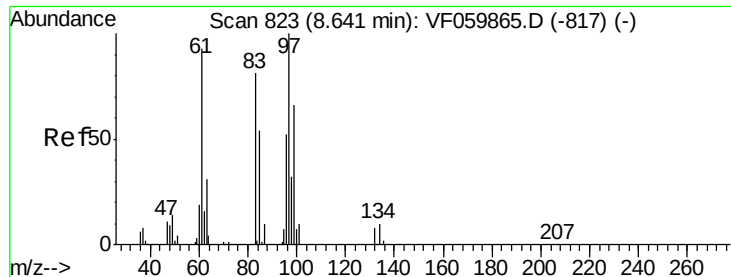
Ion Ratio Lower Upper

75 100

77 33.7 24.7 37.1

39 90.4 72.0 108.0





#55

1,1,2-Trichloroethane

Concen: 59.48 ug/l

RT: 8.65 min Scan# 824

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

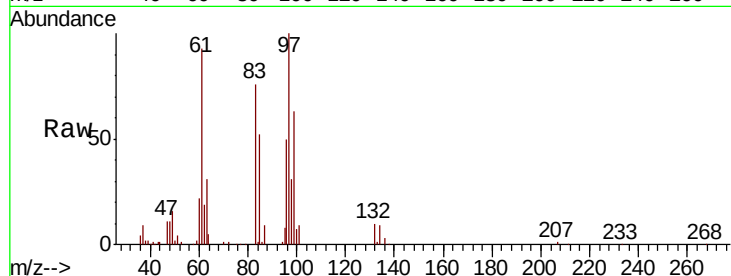
Instrument :

MSVOA\_F

ClientSampleId :

Tot Ion: 97 Resp: 71697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 75.7  | 64.4  | 96.6  |
| 85  | 52.2  | 43.1  | 64.7  |
| 99  | 63.0  | 52.7  | 79.1  |

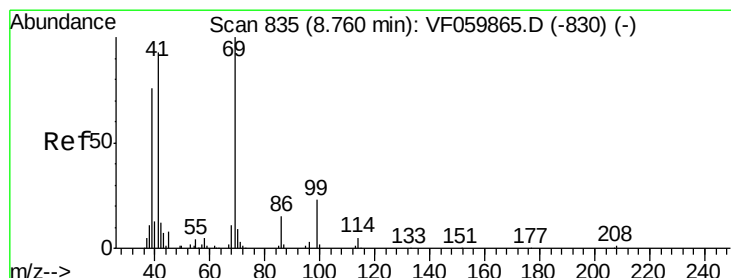
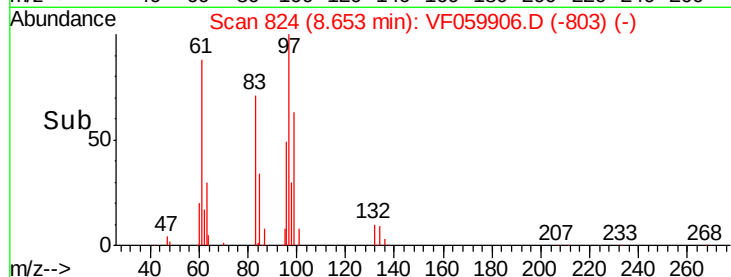


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 57.33 ug/l

RT: 8.77 min Scan# 836

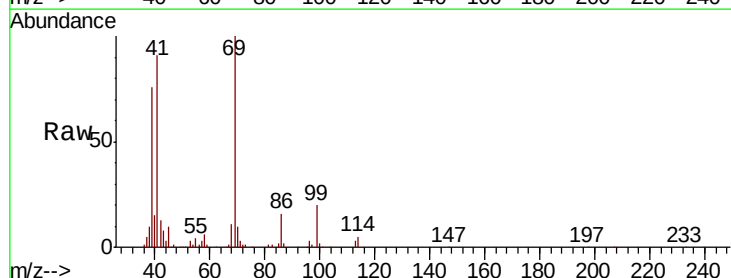
Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Tgt Ion: 69 Resp: 76468

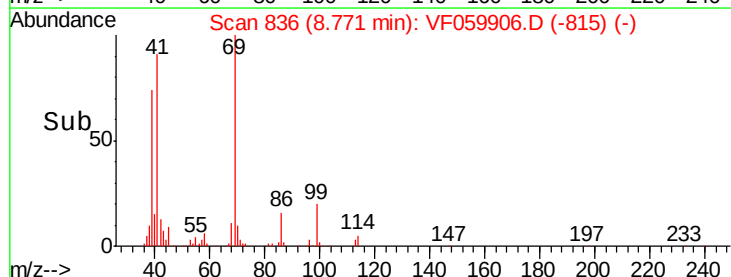
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 91.4  | 74.7  | 112.1 |
| 39  | 76.1  | 61.1  | 91.7  |



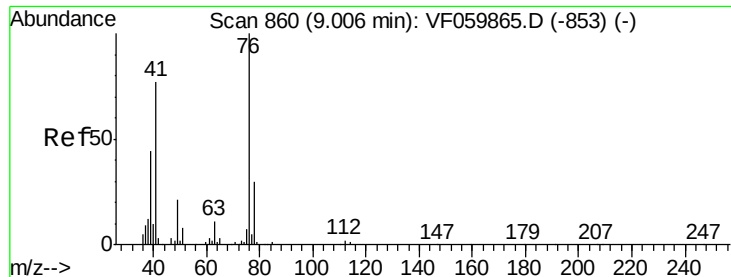
Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



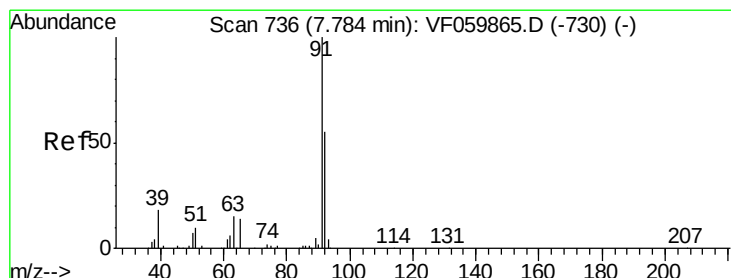
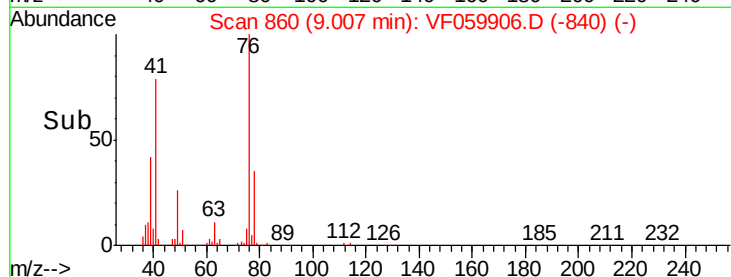
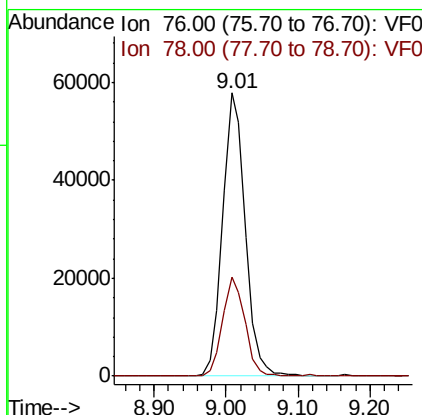
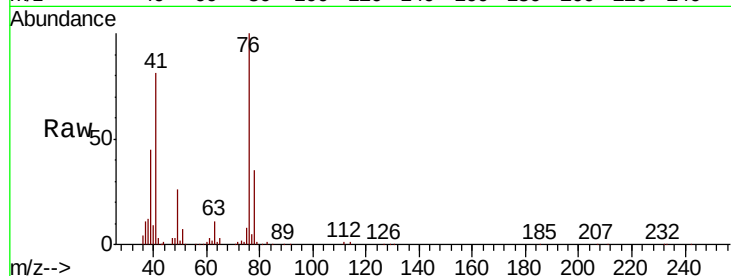




#57  
 1,3-Dichloropropane  
 Concen: 60.72 ug/l  
 RT: 9.01 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

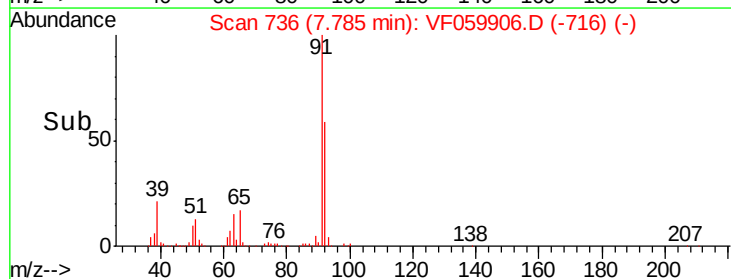
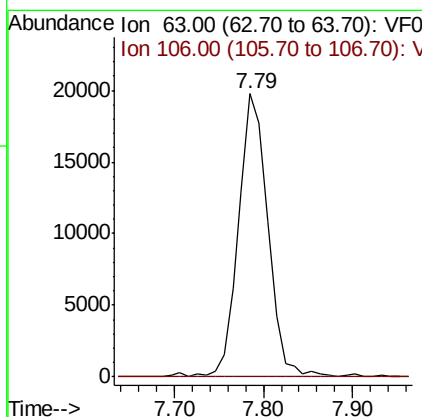
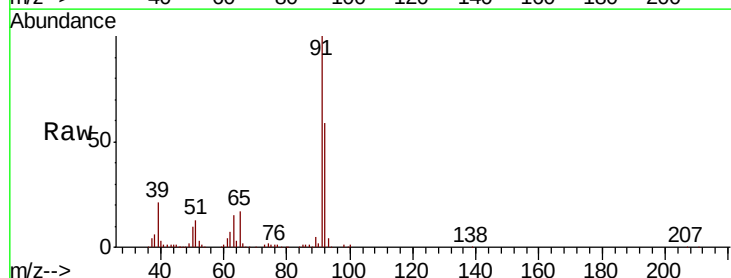
Instrument :  
 MSVOA\_F  
 ClientSampled :

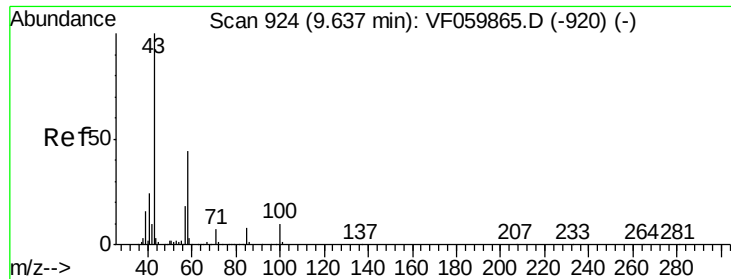
Tot Ion: 76 Resp: 125670  
 Ion Ratio Lower Upper  
 76 100  
 78 34.9 24.2 36.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 284.14 ug/l  
 RT: 7.79 min Scan# 736  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 63 Resp: 45309  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 0.0 0.0

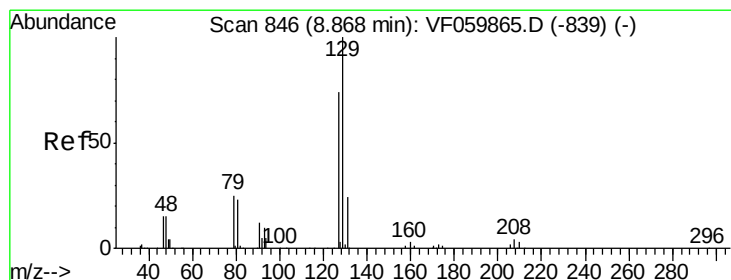
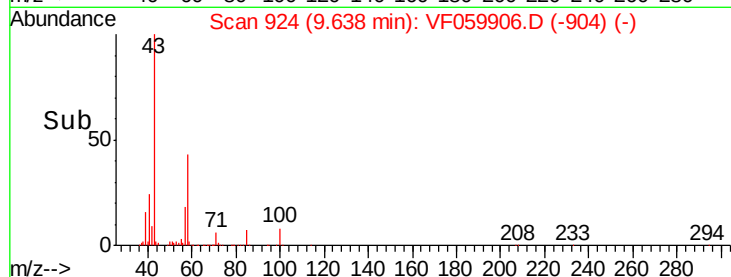
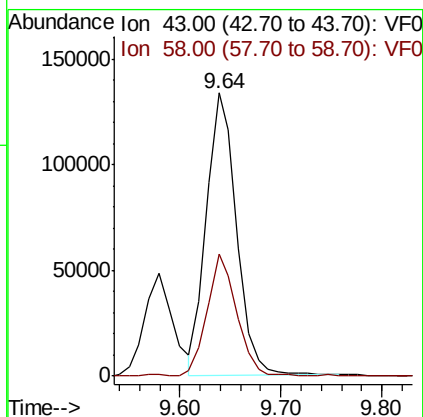
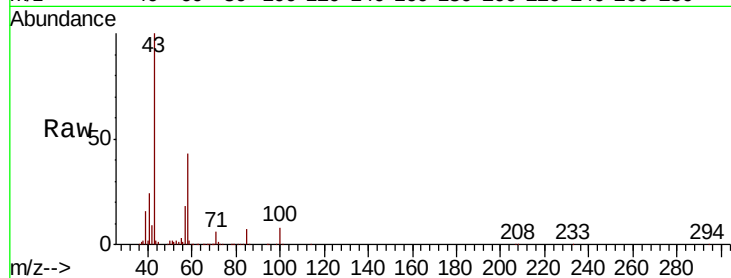




#59  
2-Hexanone  
Concen: 330.01 ug/l  
RT: 9.64 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

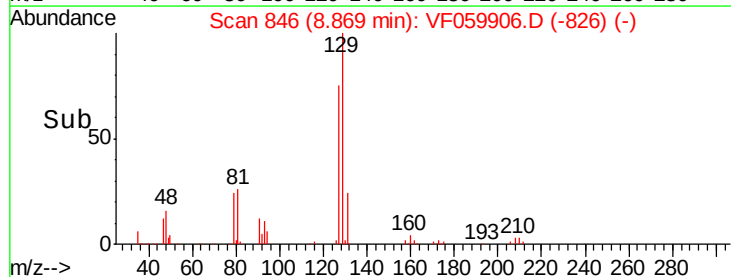
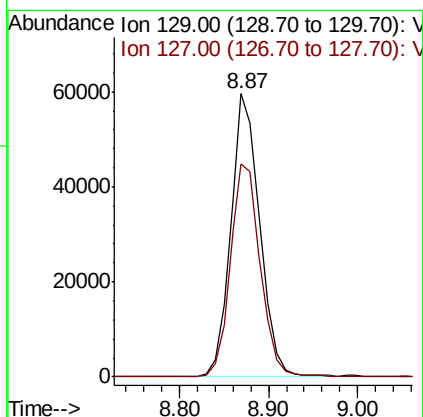
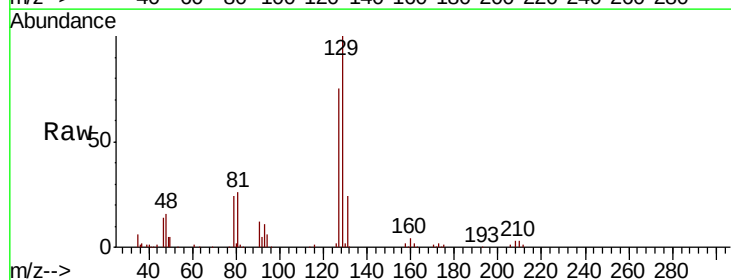
Instrument :  
MSVOA\_F  
ClientSampleId :

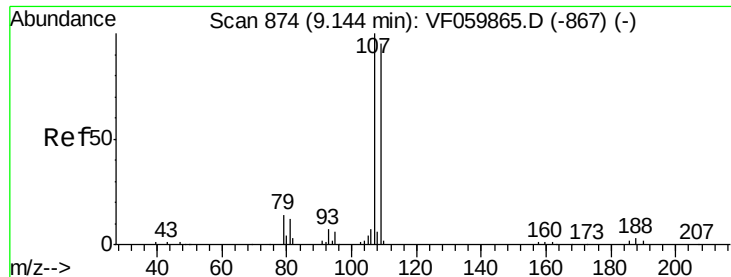
Tot Ion: 43 Resp: 279369  
Ion Ratio Lower Upper  
43 100  
58 43.2 20.8 62.2



#60  
Dibromochloromethane  
Concen: 59.89 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion:129 Resp: 135420  
Ion Ratio Lower Upper  
129 100  
127 75.1 36.9 110.7

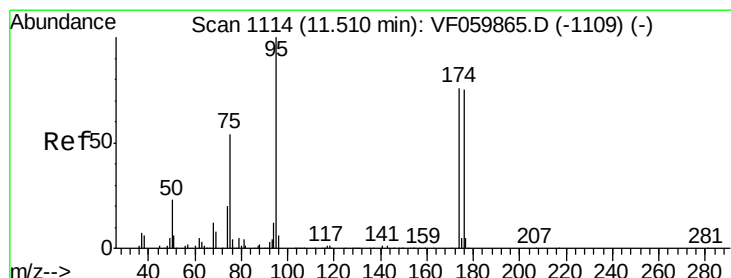
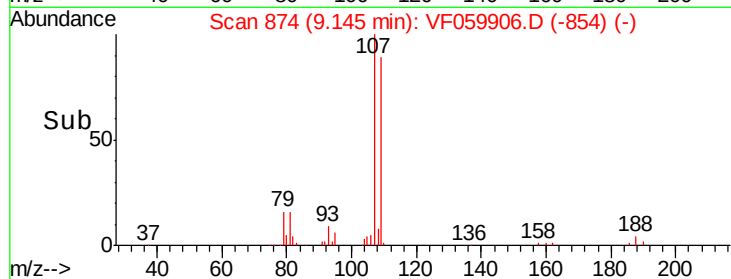
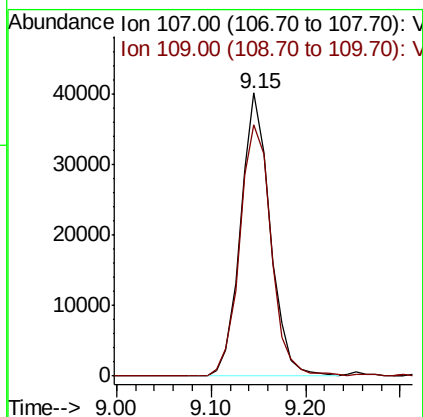
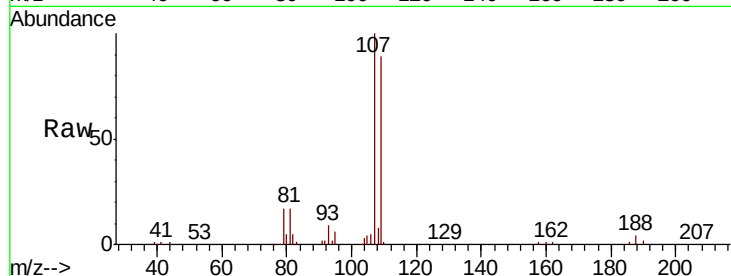




#61  
 1,2-Dibromoethane  
 Concen: 59.26 ug/l  
 RT: 9.15 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

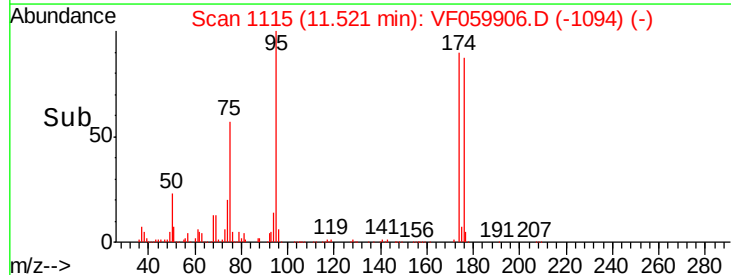
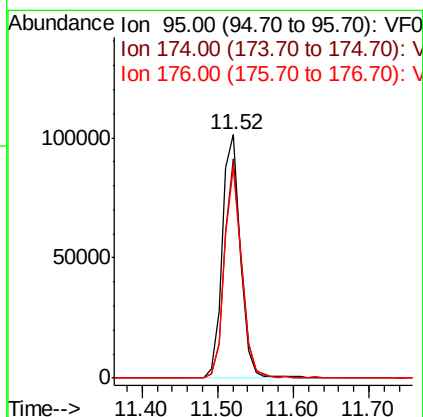
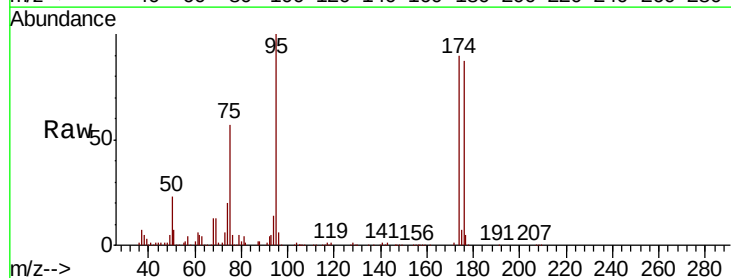
Instrument :  
 MSVOA\_F  
 ClientSampleId :

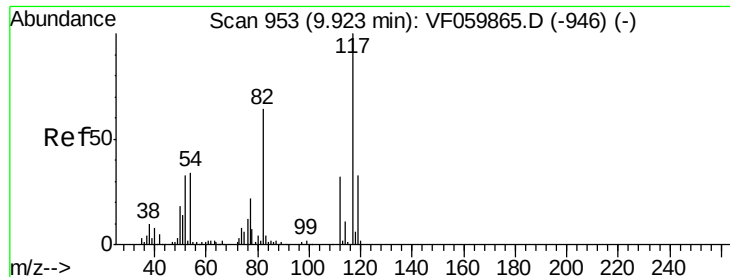
Tot Ion:107 Resp: 87025  
 Ion Ratio Lower Upper  
 107 100  
 109 88.9 75.8 113.8



#62  
 4-Bromofluorobenzene  
 Concen: 62.39 ug/l  
 RT: 11.52 min Scan# 1115  
 Delta R.T. 0.01 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion: 95 Resp: 170093  
 Ion Ratio Lower Upper  
 95 100  
 174 90.1 0.0 151.6  
 176 86.6 0.0 149.8

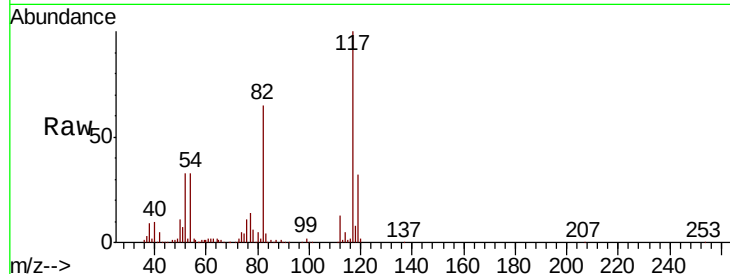




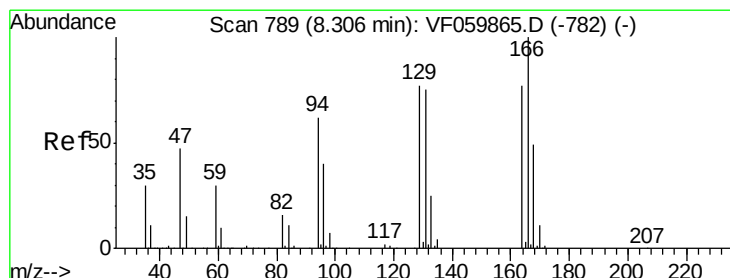
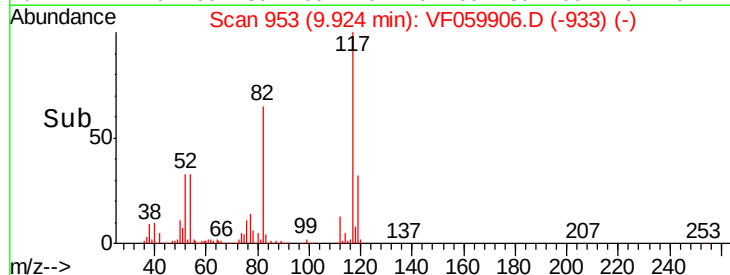
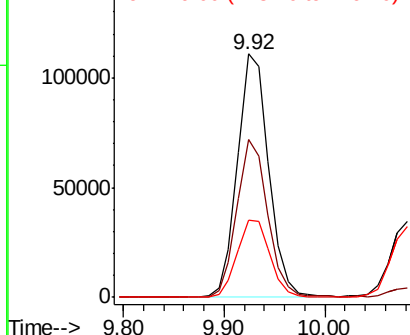
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.92 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion:117 Resp: 240476  
Ion Ratio Lower Upper  
117 100  
82 64.7 51.3 76.9  
119 31.8 26.4 39.6



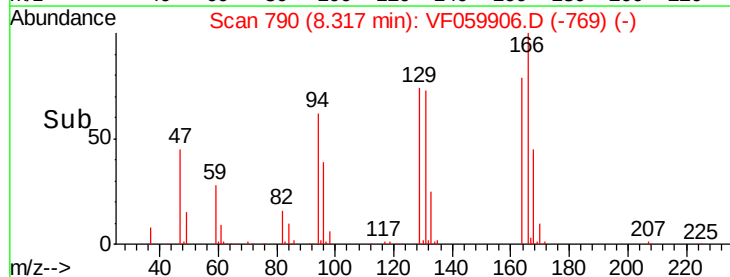
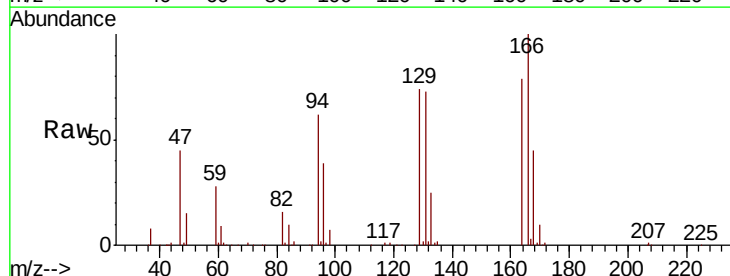
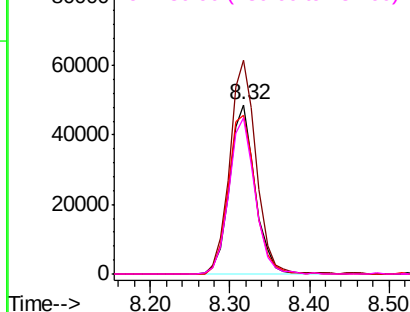
Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

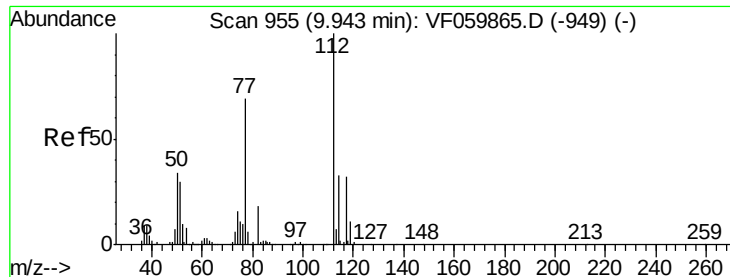


#64  
Tetrachloroethene  
Concen: 52.38 ug/l  
RT: 8.32 min Scan# 790  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion:164 Resp: 108652  
Ion Ratio Lower Upper  
164 100  
166 126.2 104.4 156.6  
129 93.6 80.3 120.5  
131 92.1 78.5 117.7

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

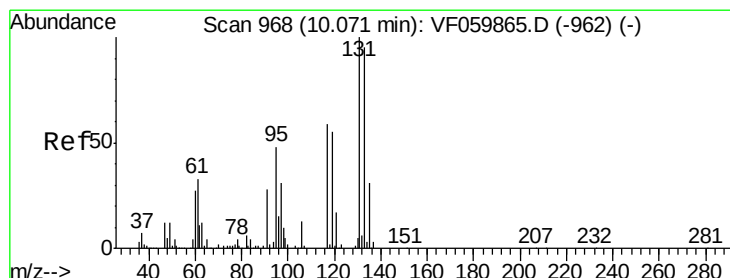
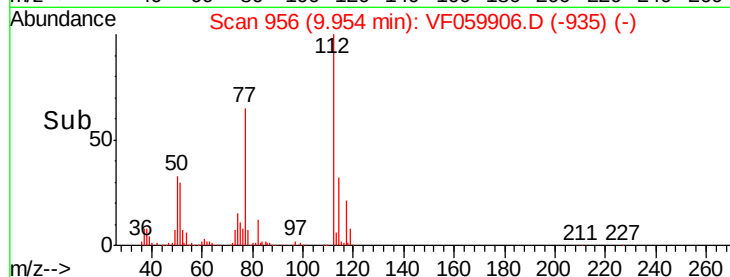
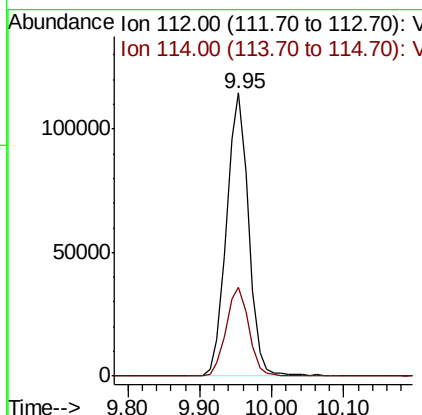
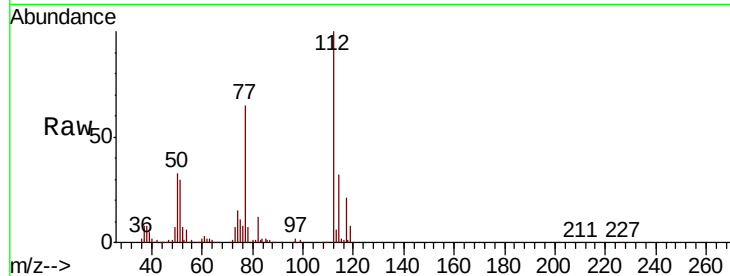




#65  
Chlorobenzene  
Concen: 50.07 ug/l  
RT: 9.95 min Scan# 956  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

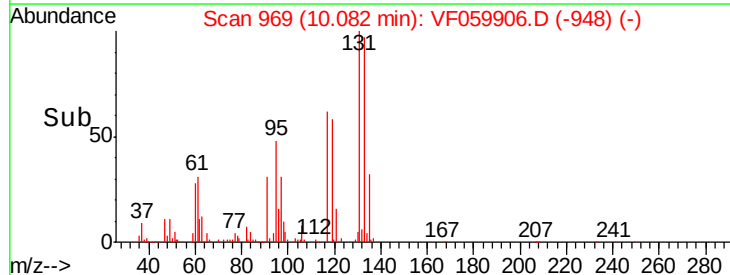
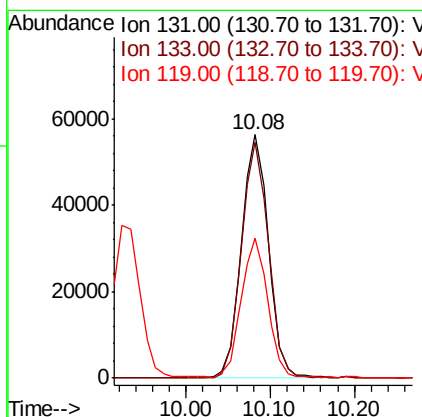
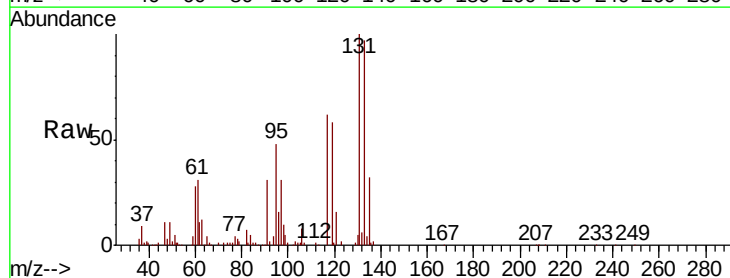
Instrument :  
MSVOA\_F  
ClientSampled :

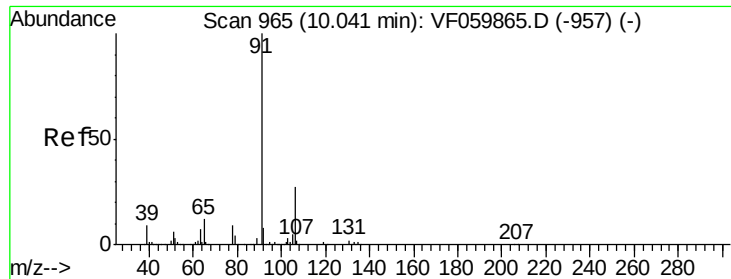
Tot Ion:112 Resp: 244388  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.05 ug/l  
RT: 10.08 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion:131 Resp: 126377  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.4 142.2  
119 57.7 27.7 83.1

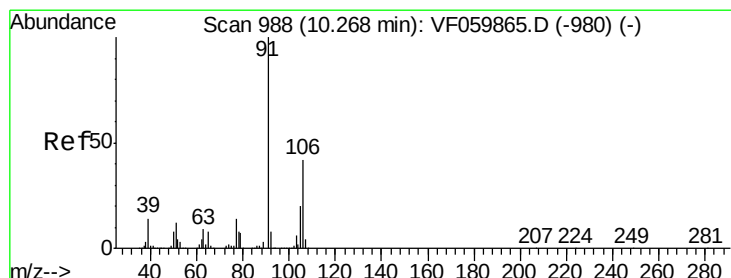
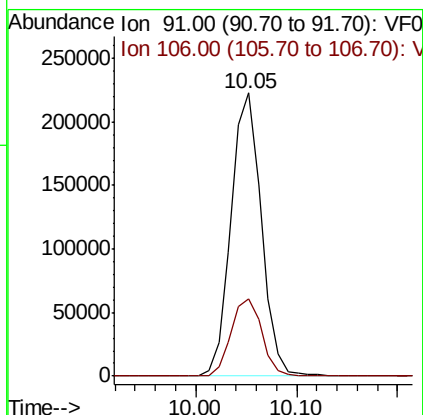
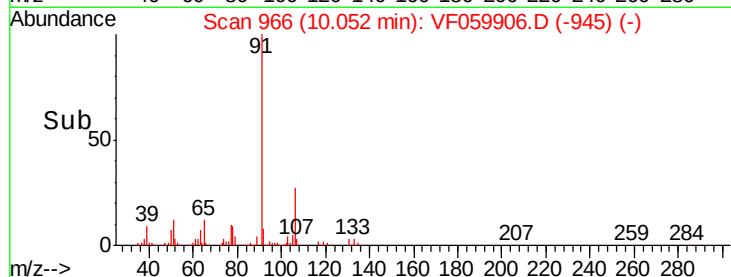
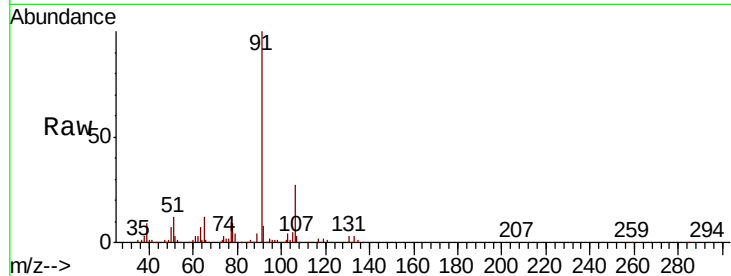




#67  
Ethyl Benzene  
Concen: 54.70 ug/l  
RT: 10.05 min Scan# 966  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

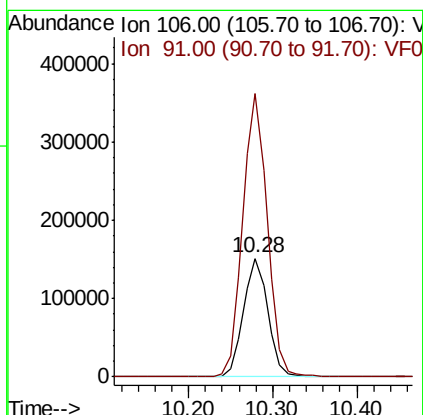
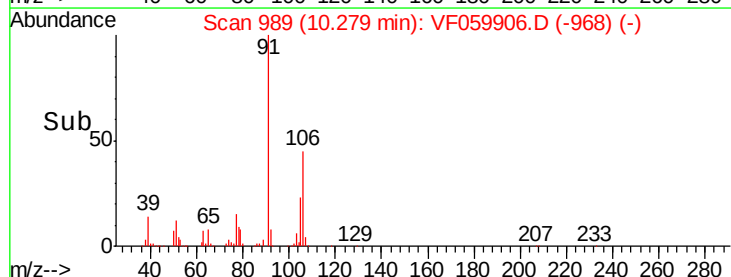
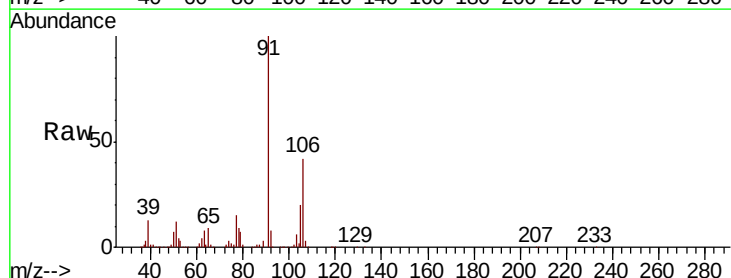
Instrument :  
MSVOA\_F  
ClientSampled :

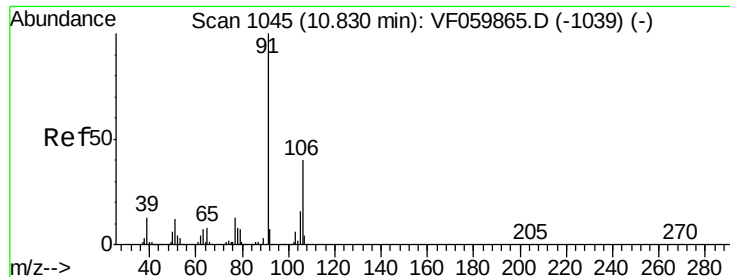
Tot Ion: 91 Resp: 465163  
Ion Ratio Lower Upper  
91 100  
106 27.5 21.5 32.3



#68  
m/p-Xylenes  
Concen: 104.92 ug/l  
RT: 10.28 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion:106 Resp: 308409  
Ion Ratio Lower Upper  
106 100  
91 239.0 192.1 288.1

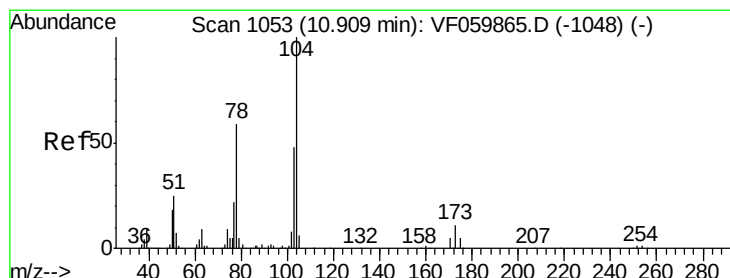
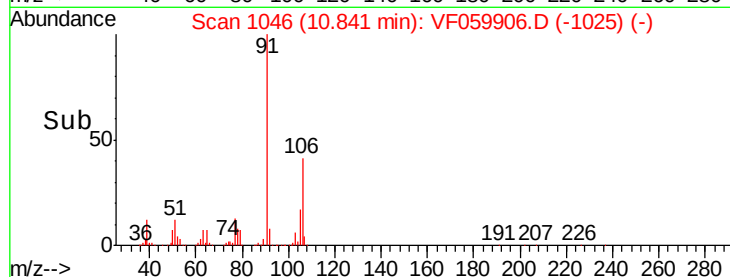
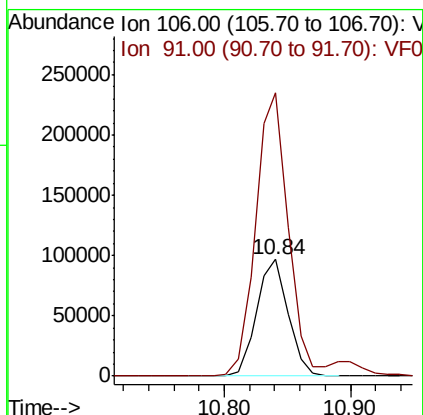
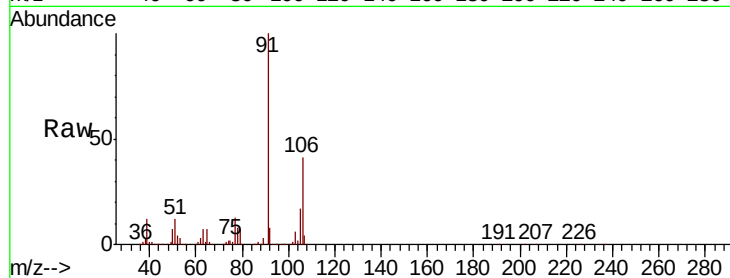




#69  
o-Xylene  
Concen: 54.50 ug/l  
RT: 10.84 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

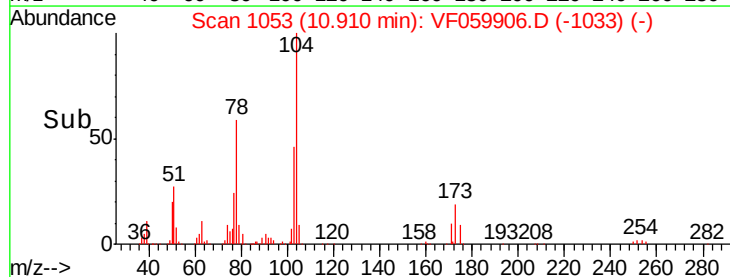
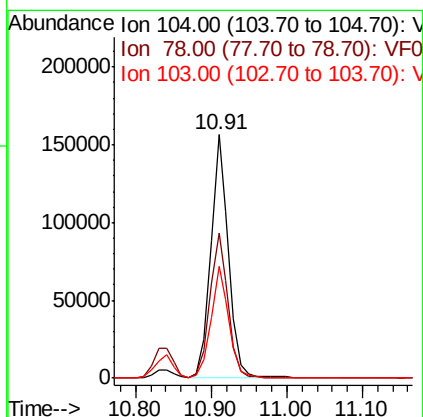
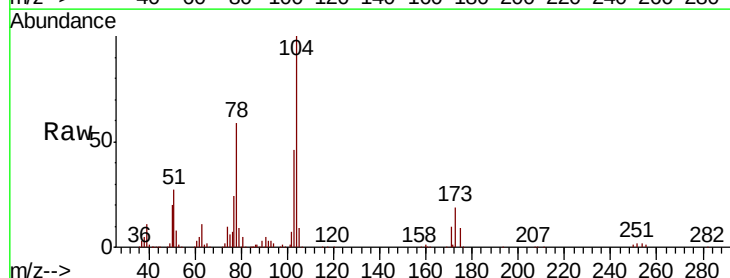
Instrument :  
MSVOA\_F  
ClientSampled :

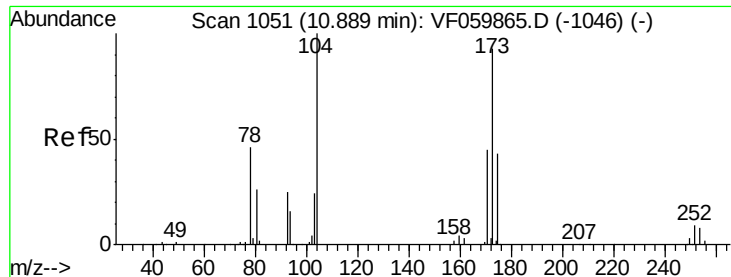
Tot Ion:106 Resp: 169720  
Ion Ratio Lower Upper  
106 100  
91 242.1 125.4 376.2



#70  
Styrene  
Concen: 55.68 ug/l  
RT: 10.91 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion:104 Resp: 258743  
Ion Ratio Lower Upper  
104 100  
78 59.4 47.3 70.9  
103 45.9 39.0 58.4





#71

Bromoform

Concen: 59.14 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampled :

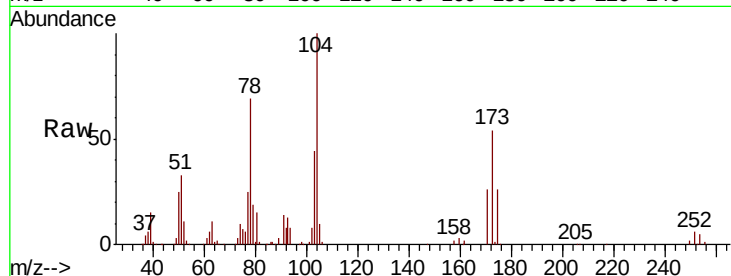
Tot Ion:173 Resp: 88007

Ion Ratio Lower Upper

173 100

175 46.9 23.4 70.2

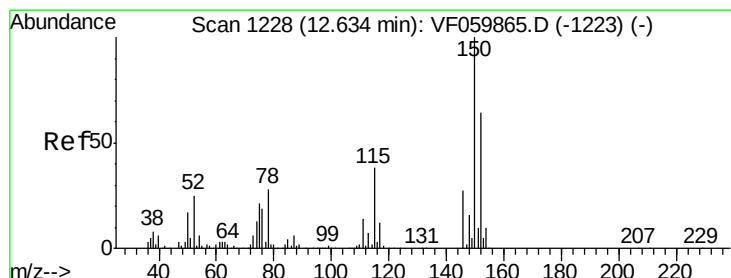
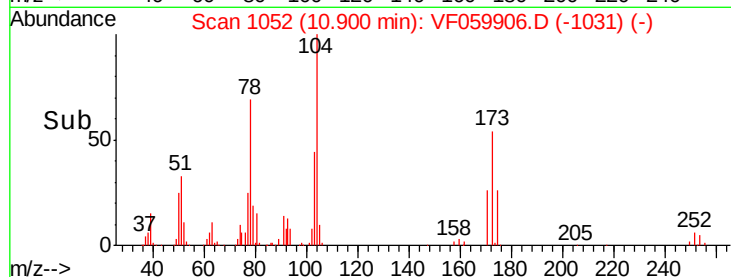
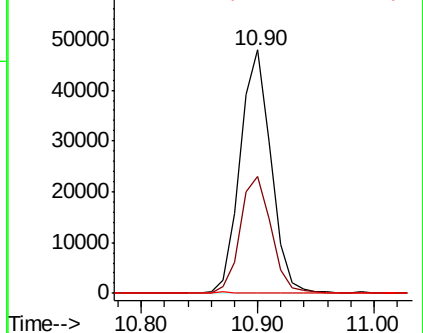
254 0.0 0.0 0.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

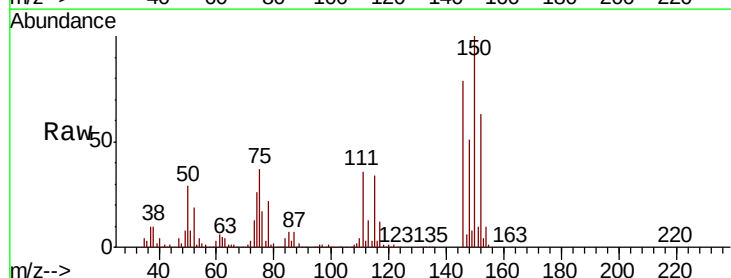
Tgt Ion:152 Resp: 164685

Ion Ratio Lower Upper

152 100

115 53.0 29.8 89.4

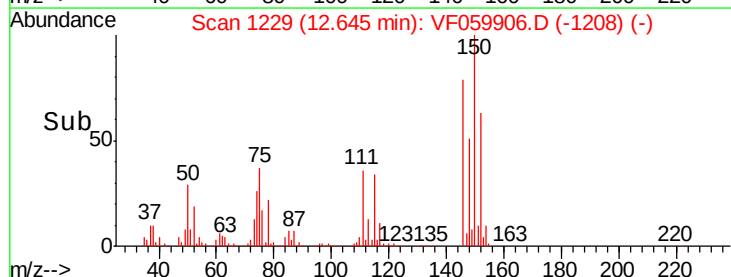
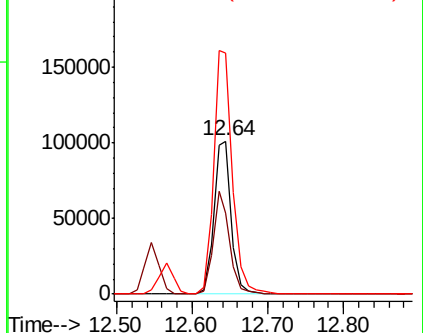
150 157.5 0.0 315.6



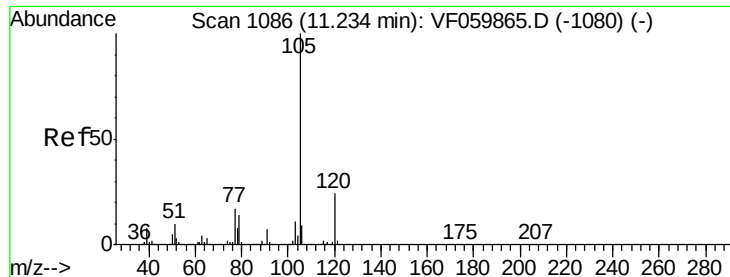
Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V







#73

Isopropylbenzene

Concen: 53.54 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

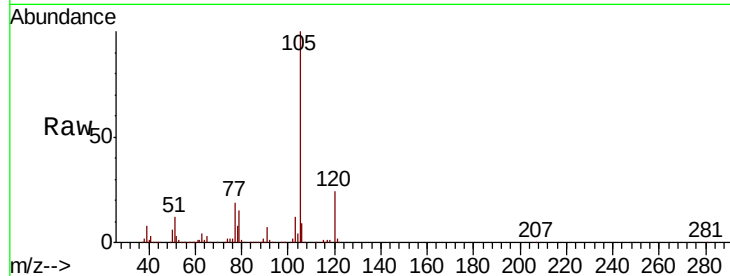
ClientSampled :

Tot Ion: 105 Resp: 549135

Ion Ratio Lower Upper

105 100

120 23.8 12.1 36.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.24

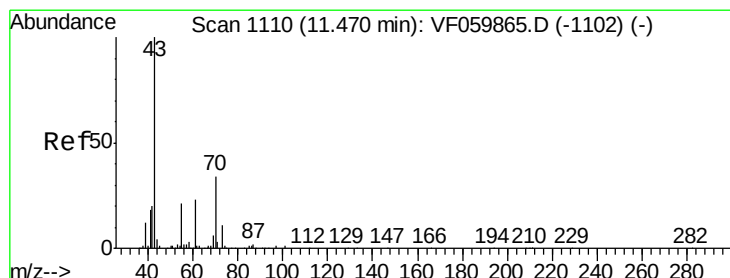
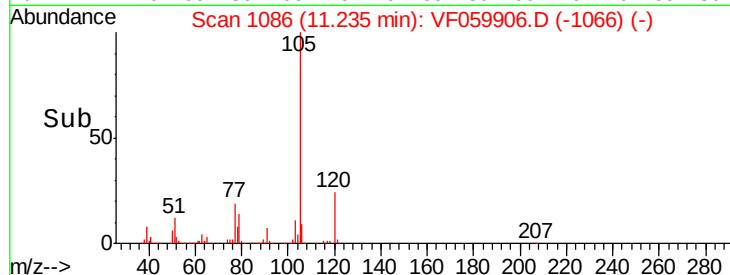
300000

200000

100000

0

Time--> 11.10 11.20 11.30 11.40



#74

N-ethyl acetate

Concen: 56.48 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Tgt Ion: 43 Resp: 144388

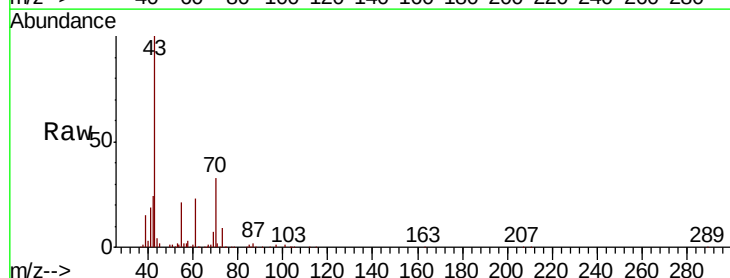
Ion Ratio Lower Upper

43 100

70 32.8 27.5 41.3

55 20.8 16.6 25.0

61 22.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

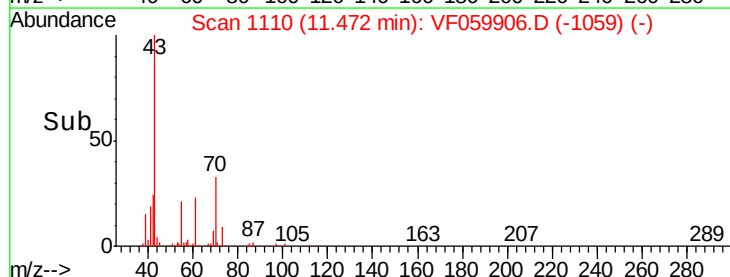
11.47

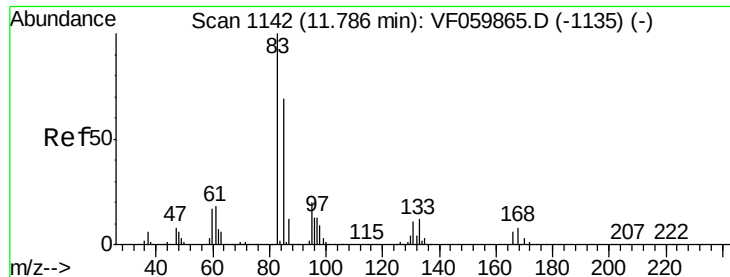
100000

50000

0

Time--> 11.30 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 52.95 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

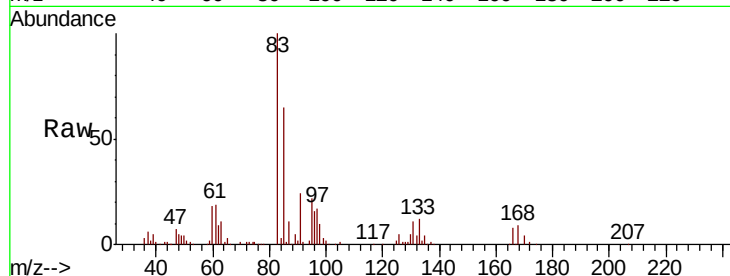
Tot Ion: 83 Resp: 101965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.0  | 5.3   | 15.9  |
| 85  | 65.4  | 34.5  | 103.5 |

83 100

131 11.0 5.3 15.9

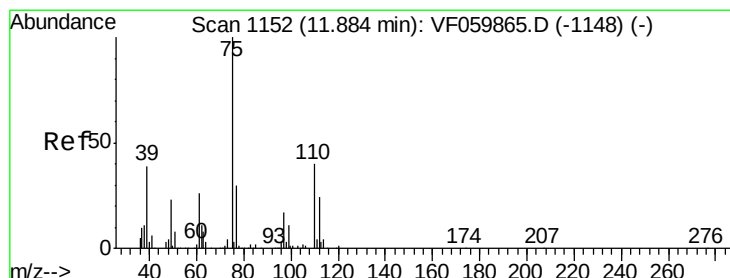
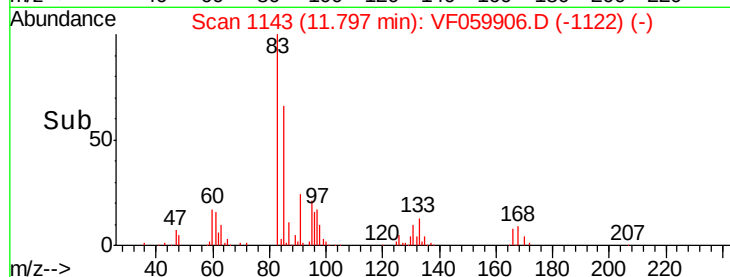
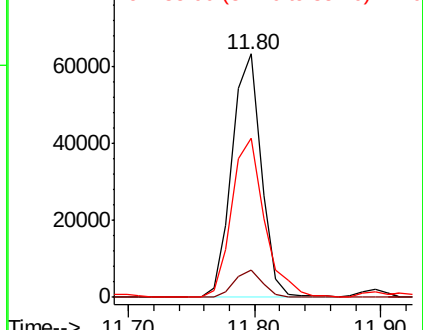
85 65.4 34.5 103.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 54.23 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF059906.D

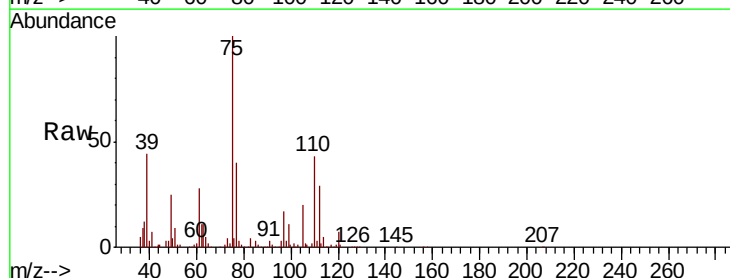
Acq: 7 Aug 2018 6:41

Tgt Ion: 75 Resp: 89707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 40.0  | 15.4  | 46.2  |

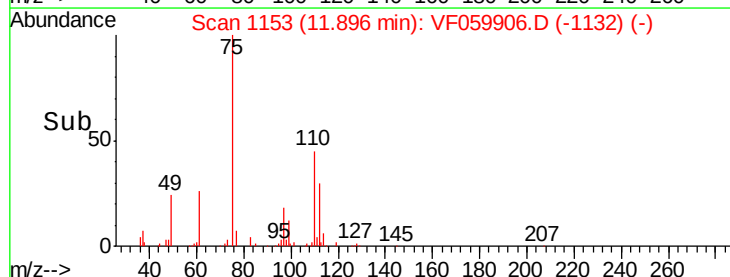
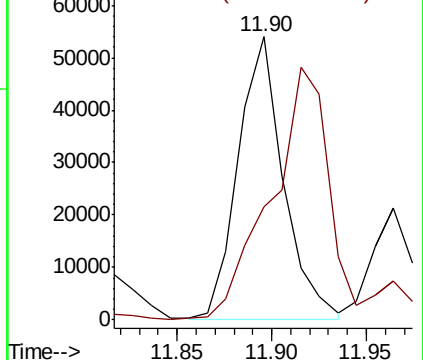
75 100

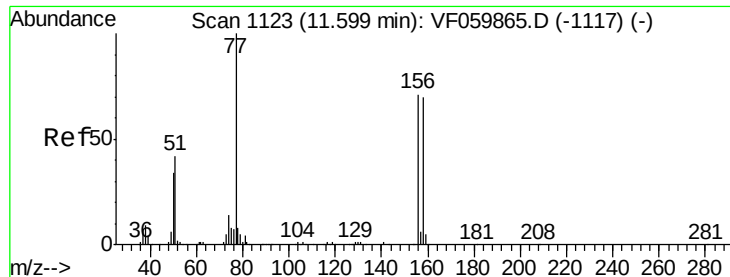
77 40.0 15.4 46.2



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 53.52 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

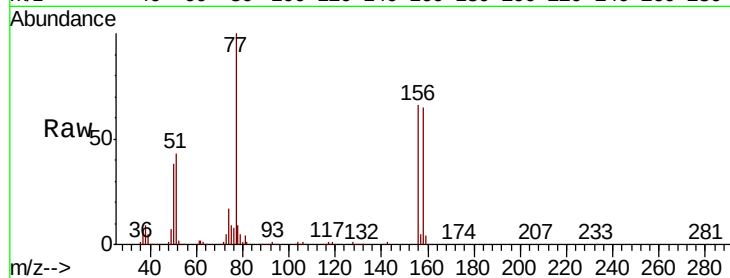
Tot Ion:156 Resp: 149300

Ion Ratio Lower Upper

156 100

77 151.5 70.2 210.6

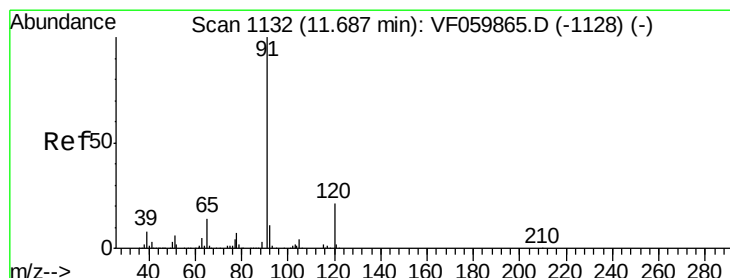
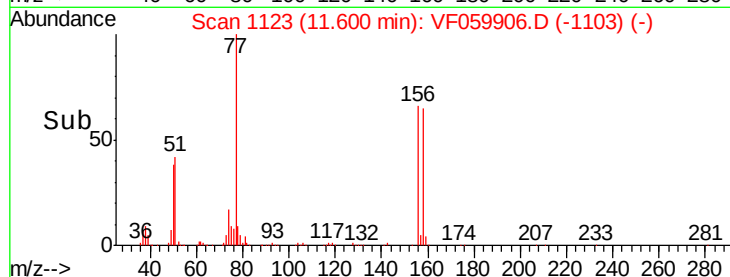
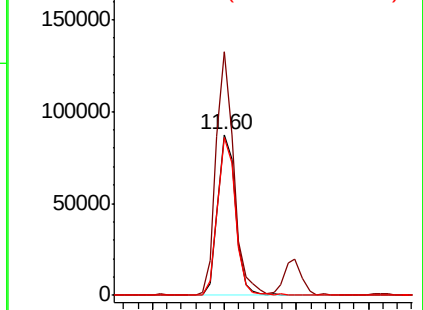
158 97.9 49.2 147.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 51.45 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF059906.D

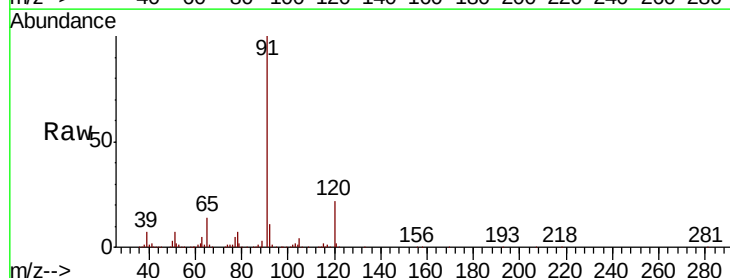
Acq: 7 Aug 2018 6:41

Tgt Ion: 91 Resp: 623228

Ion Ratio Lower Upper

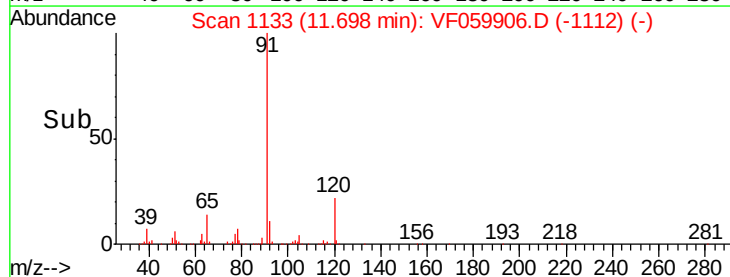
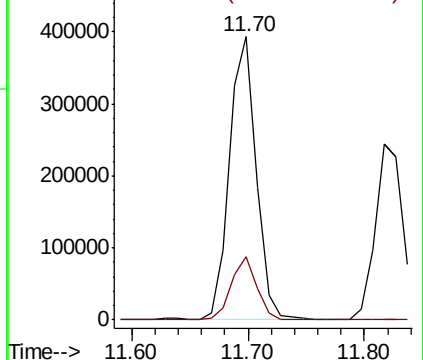
91 100

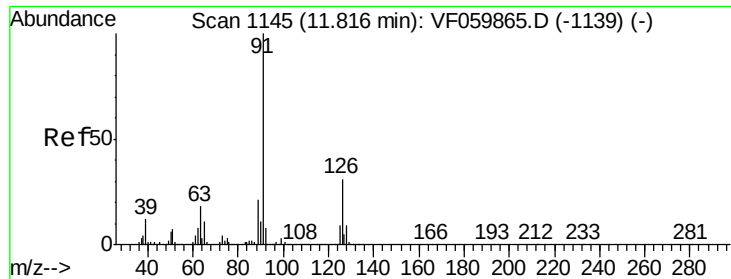
120 22.4 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

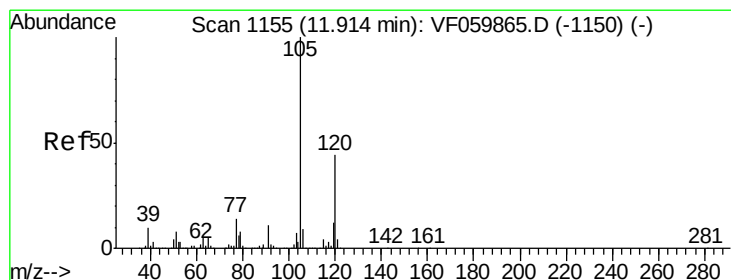
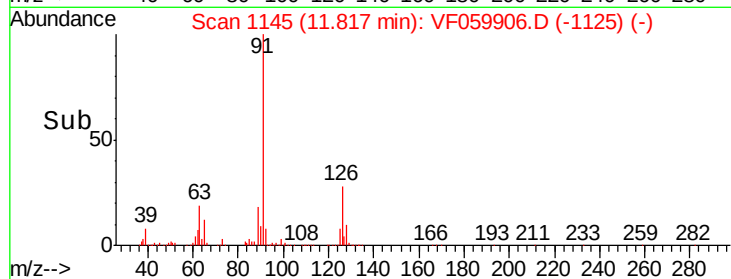
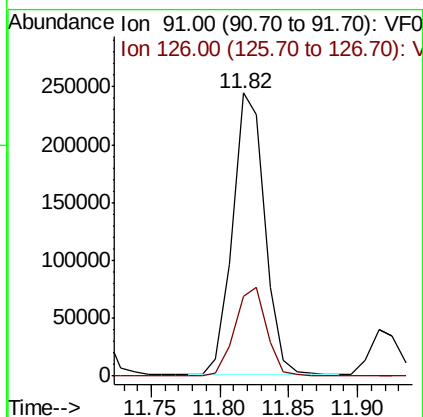
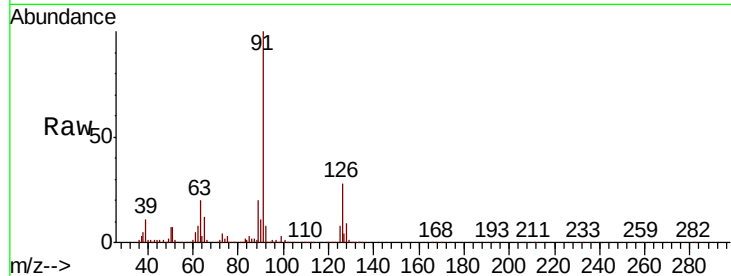




#79  
 2-Chlorotoluene  
 Concen: 51.78 ug/l  
 RT: 11.82 min Scan# 1145  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

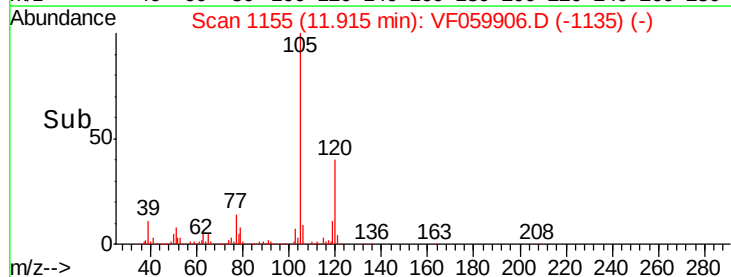
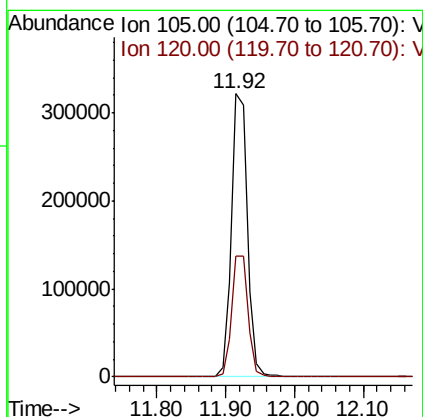
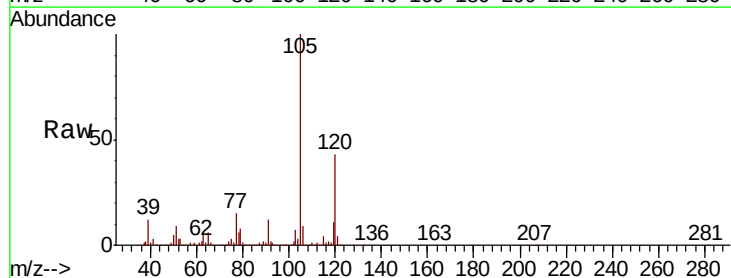
Instrument :  
 MSVOA\_F  
 ClientSampled :

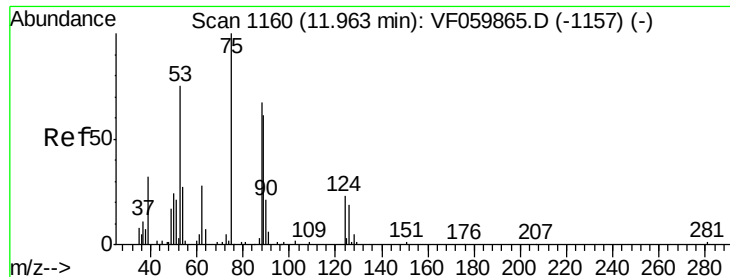
Tot Ion: 91 Resp: 396750  
 Ion Ratio Lower Upper  
 91 100  
 126 28.1 15.6 46.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 54.15 ug/l  
 RT: 11.92 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion:105 Resp: 515757  
 Ion Ratio Lower Upper  
 105 100  
 120 42.5 21.9 65.7

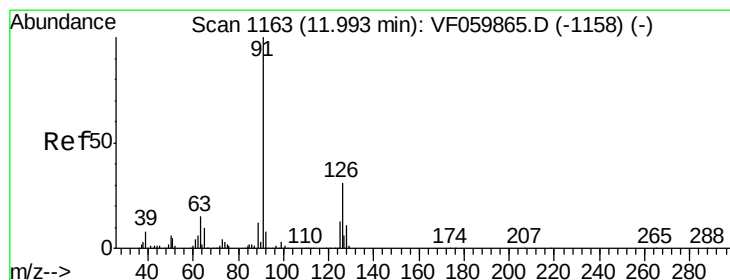
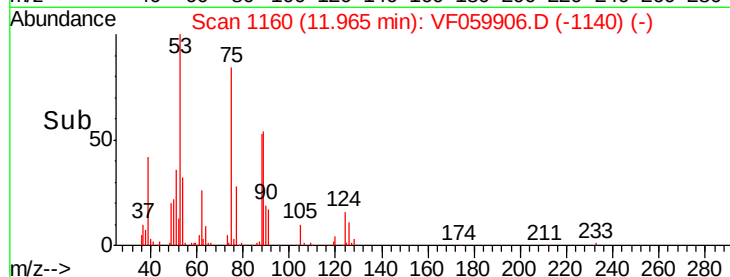
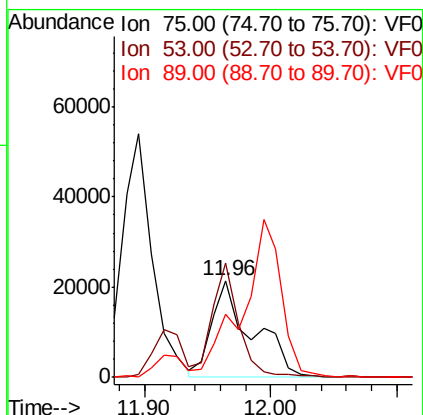
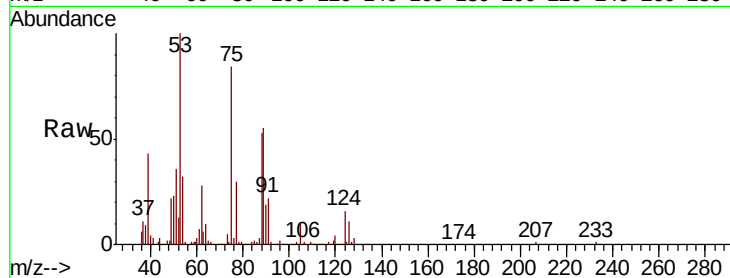




#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.00 ug/l  
RT: 11.96 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

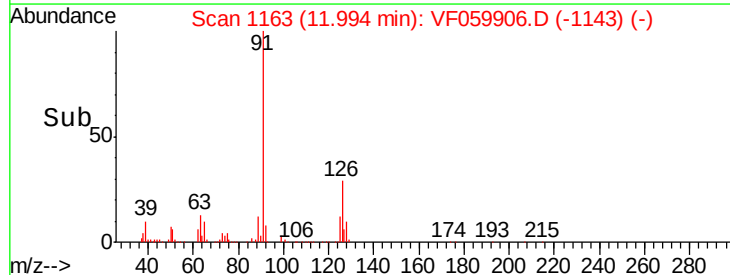
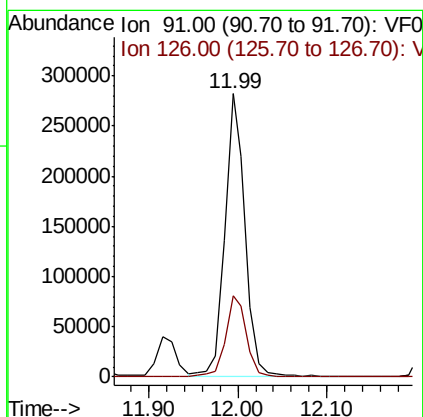
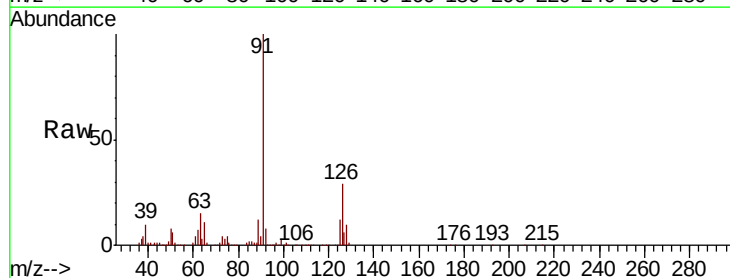
Instrument :  
MSVOA\_F  
ClientSampleId :

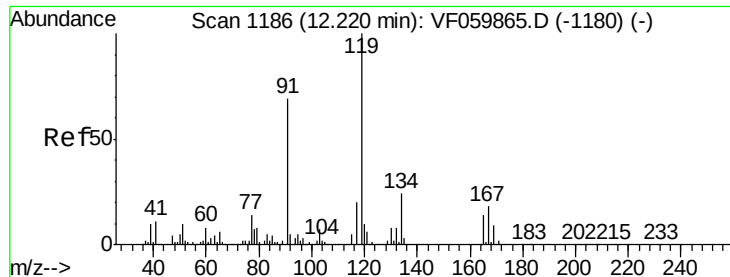
Tot Ion: 75 Resp: 47531  
Ion Ratio Lower Upper  
75 100  
53 118.4 65.9 98.9#  
89 64.6 50.6 76.0



#82  
4-Chlorotoluene  
Concen: 53.61 ug/l  
RT: 11.99 min Scan# 1163  
Delta R.T. 0.00 min  
Lab File: VF059906.D  
Acq: 7 Aug 2018 6:41

Tgt Ion: 91 Resp: 446102  
Ion Ratio Lower Upper  
91 100  
126 28.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 53.82 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

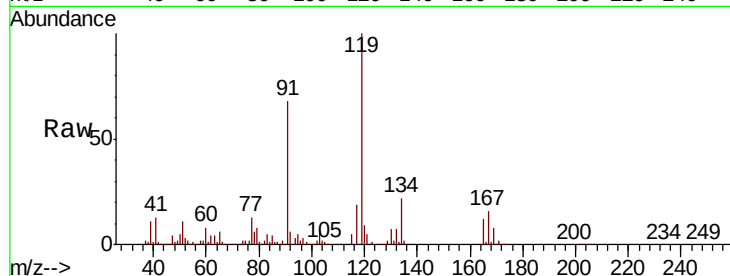
Tot Ion:119 Resp: 499041

Ion Ratio Lower Upper

119 100

91 68.3 34.4 103.2

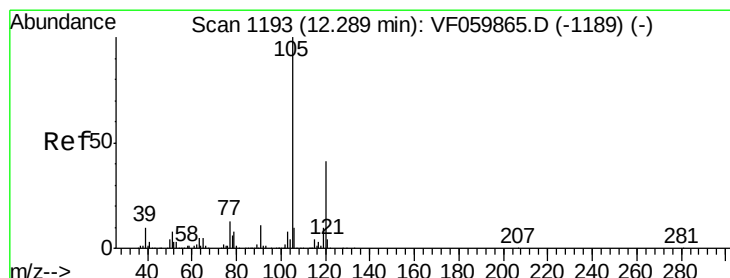
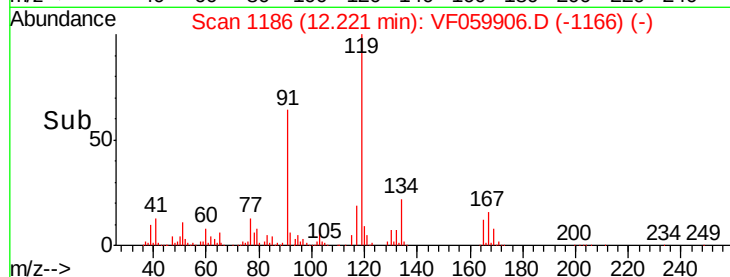
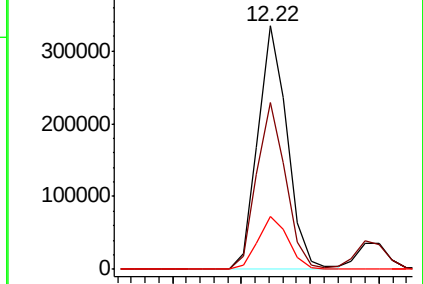
134 21.8 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.89 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VF059906.D

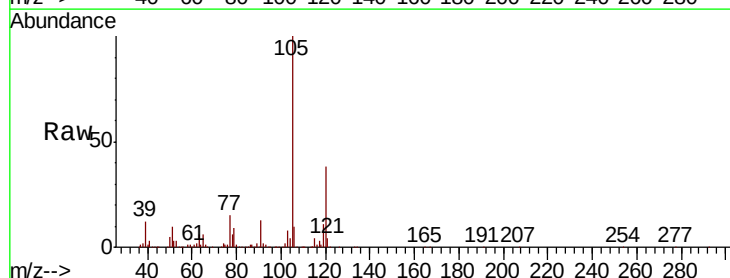
Acq: 7 Aug 2018 6:41

Tgt Ion:105 Resp: 508341

Ion Ratio Lower Upper

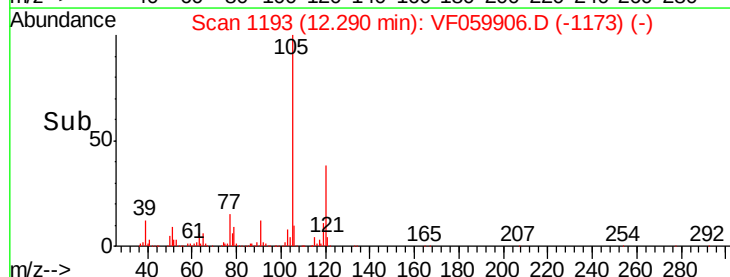
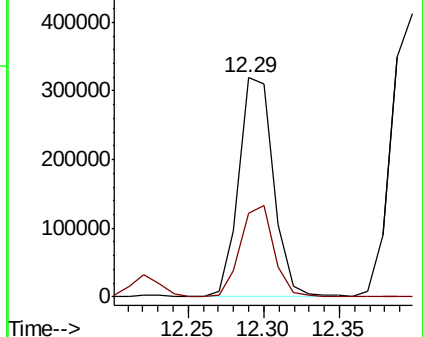
105 100

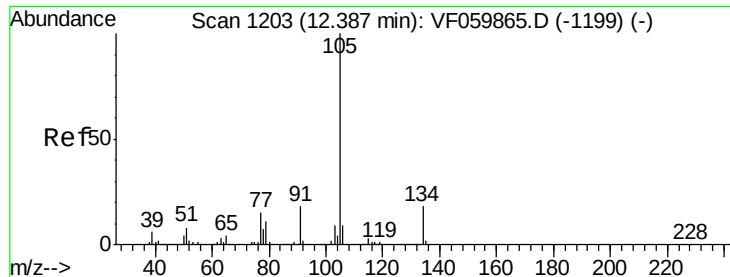
120 37.9 20.8 62.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

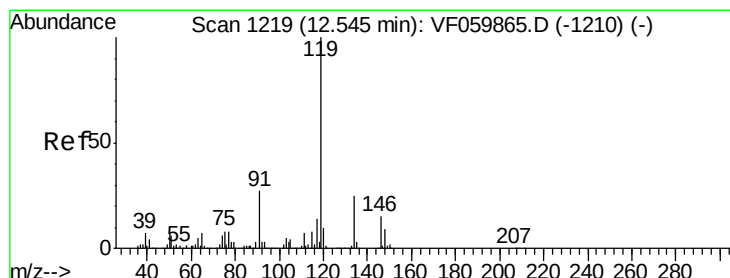
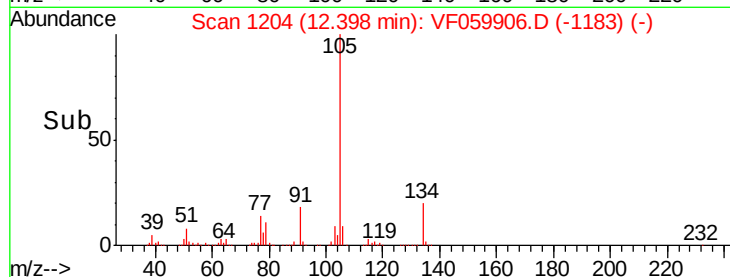
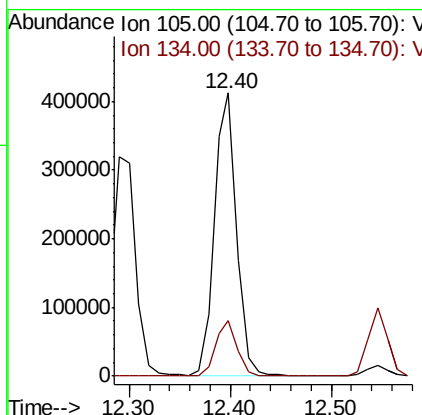
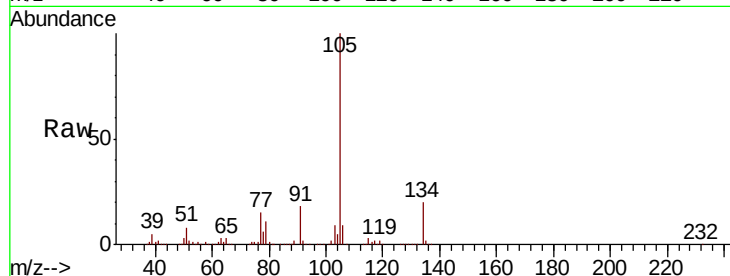




#85  
 sec-Butylbenzene  
 Concen: 51.28 ug/l  
 RT: 12.40 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

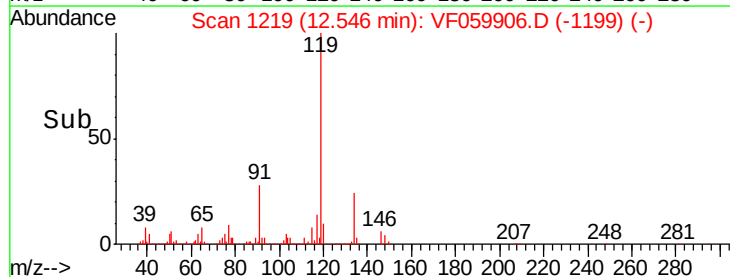
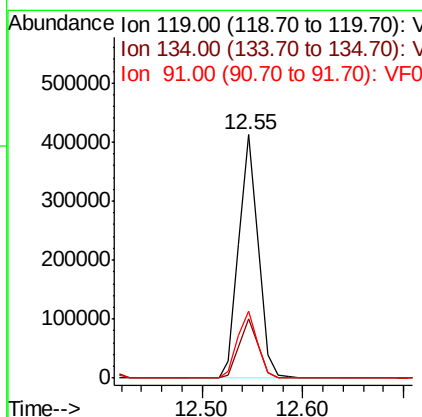
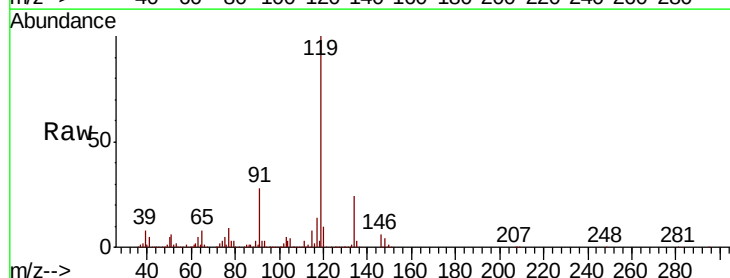
Instrument :  
 MSVOA\_F  
 ClientSampleId :

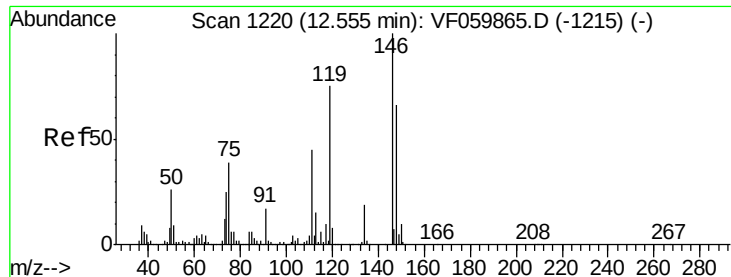
Tot Ion:105 Resp: 631681  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.1 27.3



#86  
 p-Isopropyltoluene  
 Concen: 53.40 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion:119 Resp: 552913  
 Ion Ratio Lower Upper  
 119 100  
 134 24.3 12.4 37.0  
 91 27.8 13.6 40.7

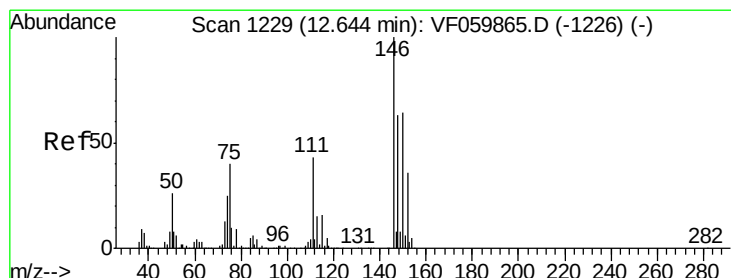
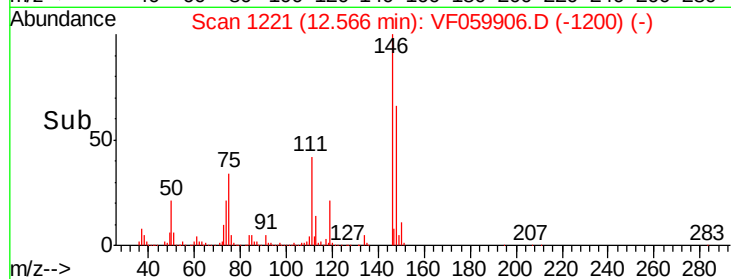
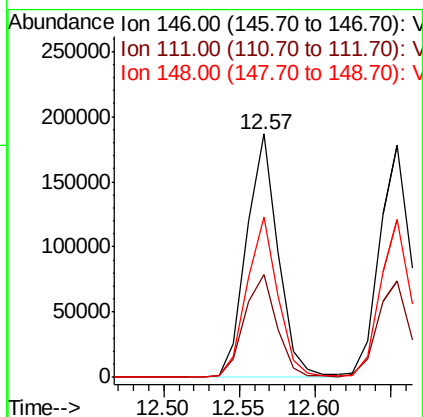
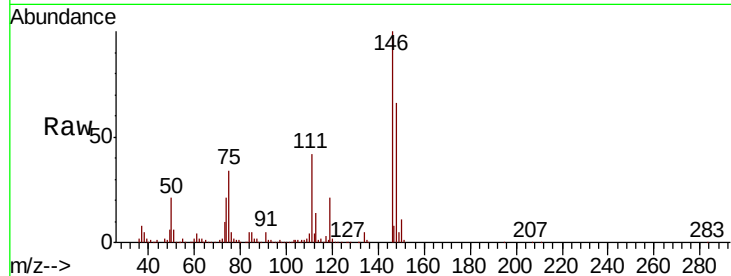




#87  
 1,3-Dichlorobenzene  
 Concen: 51.41 ug/l  
 RT: 12.57 min Scan# 1221  
 Delta R.T. 0.01 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

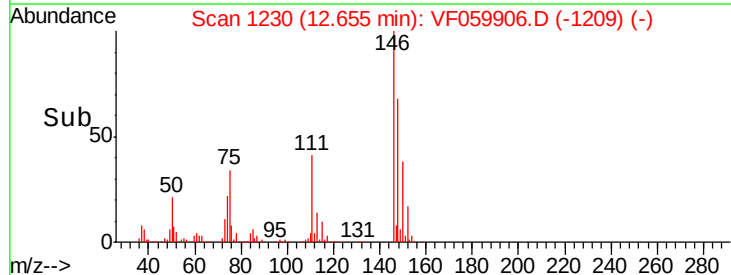
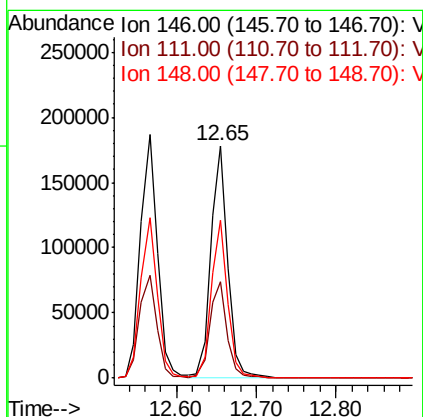
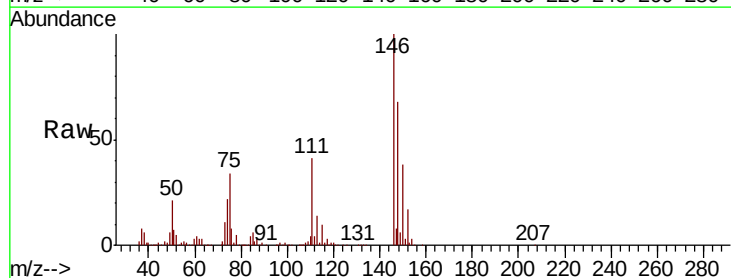
Instrument :  
 MSVOA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 22.4  | 67.0  |
| 148     | 66.1  | 33.1  | 99.3  |

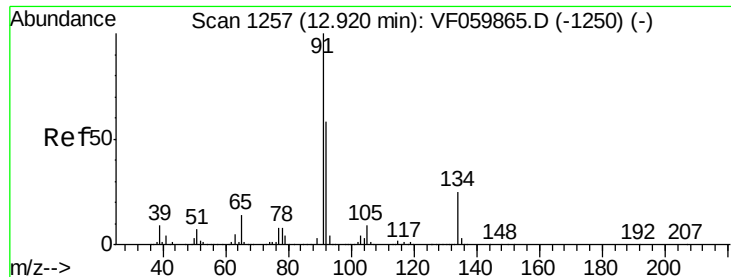


#88  
 1,4-Dichlorobenzene  
 Concen: 51.20 ug/l  
 RT: 12.65 min Scan# 1230  
 Delta R.T. 0.01 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 21.4  | 64.2  |
| 148     | 67.9  | 31.6  | 94.7  |







#89

n-Butylbenzene

Concen: 54.80 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampled :

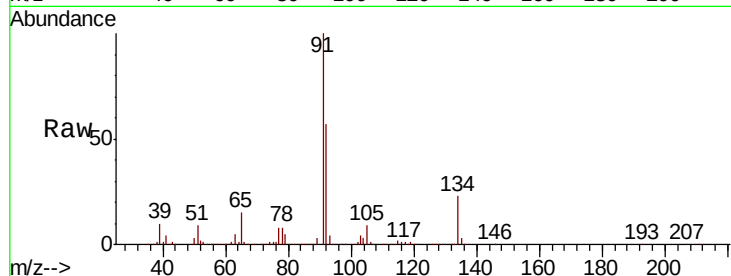
Tot Ion: 91 Resp: 540767

Ion Ratio Lower Upper

91 100

92 57.4 28.8 86.5

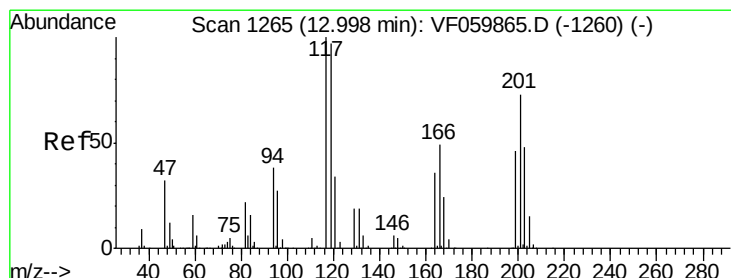
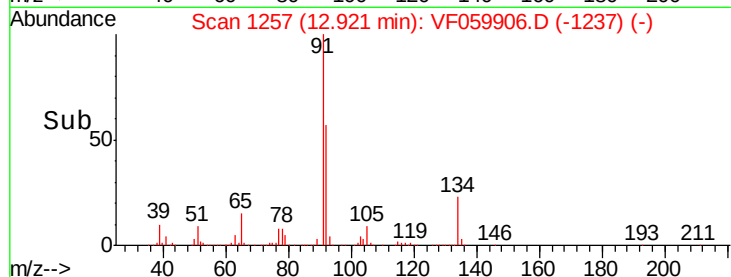
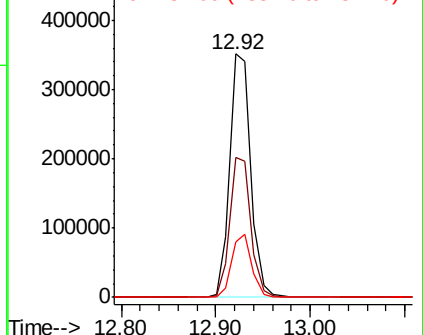
134 22.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.99 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF059906.D

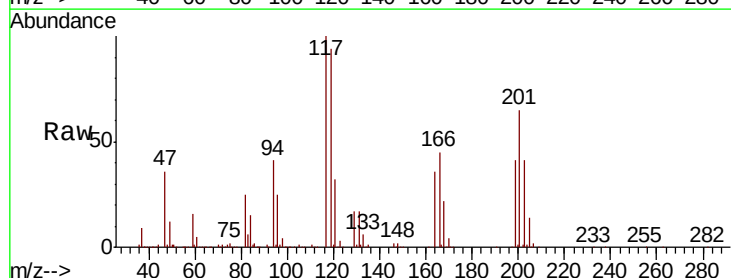
Acq: 7 Aug 2018 6:41

Tgt Ion: 117 Resp: 142830

Ion Ratio Lower Upper

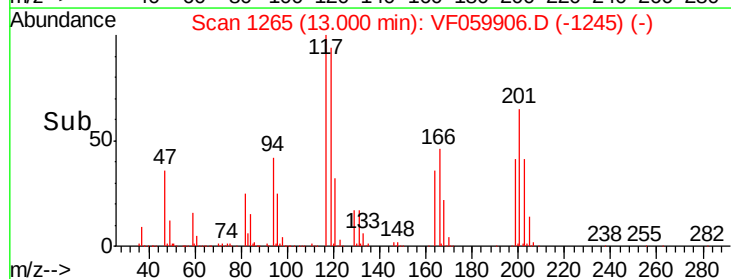
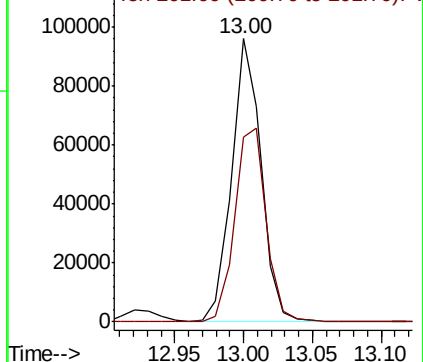
117 100

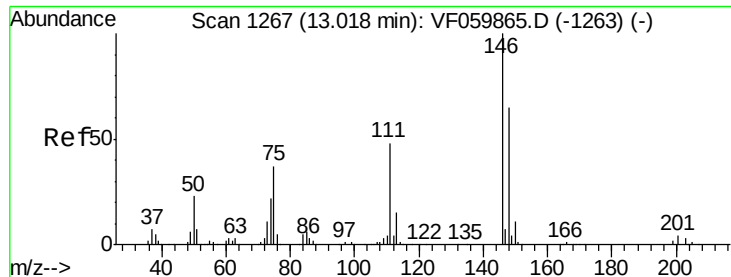
201 65.2 36.6 109.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 52.87 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

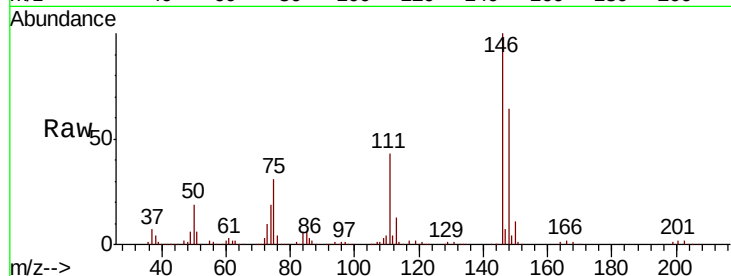
Tot Ion:146 Resp: 268899

Ion Ratio Lower Upper

146 100

111 43.3 24.1 72.2

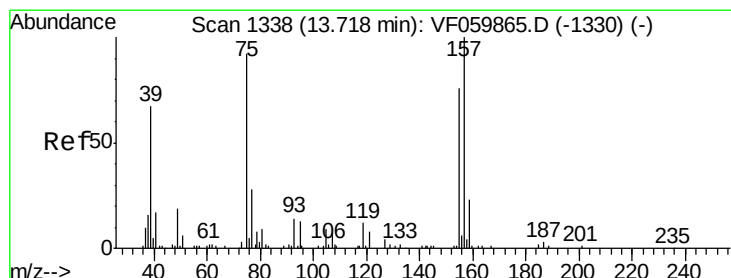
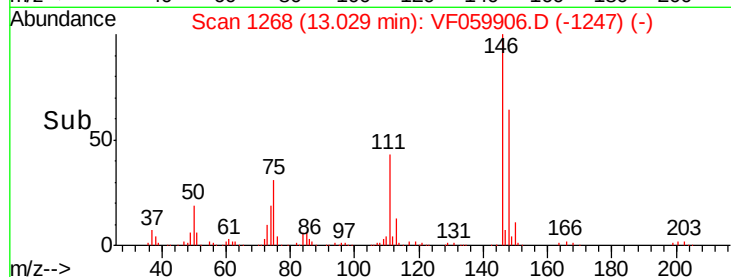
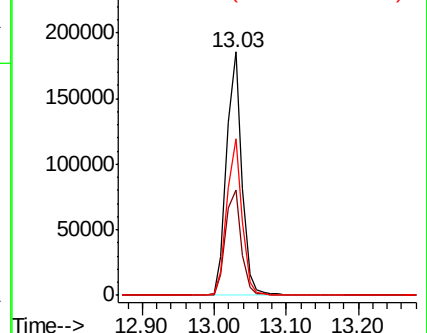
148 64.1 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.52 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

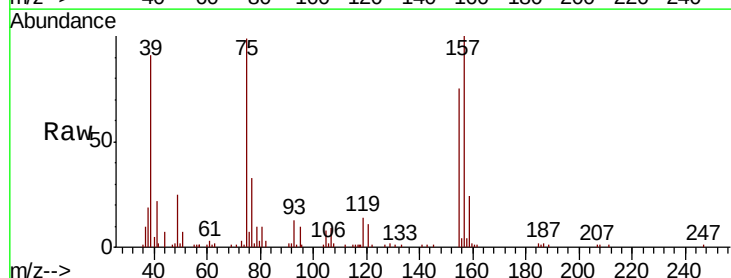
Tgt Ion: 75 Resp: 27438

Ion Ratio Lower Upper

75 100

155 76.0 41.2 123.6

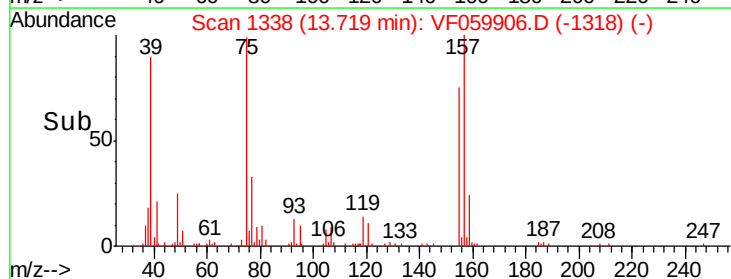
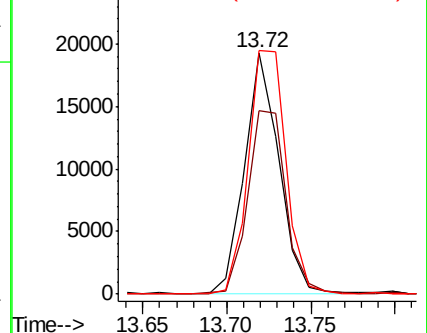
157 105.2 54.5 163.6

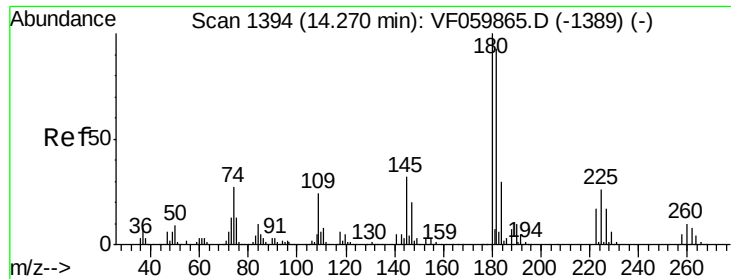


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

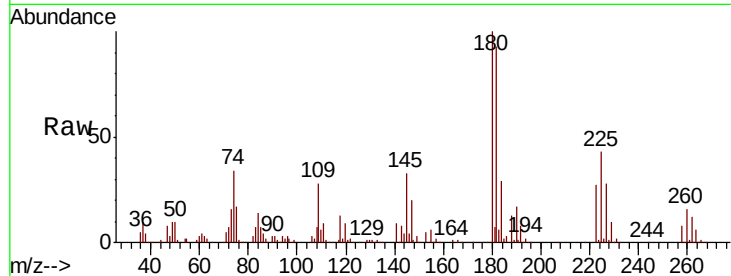




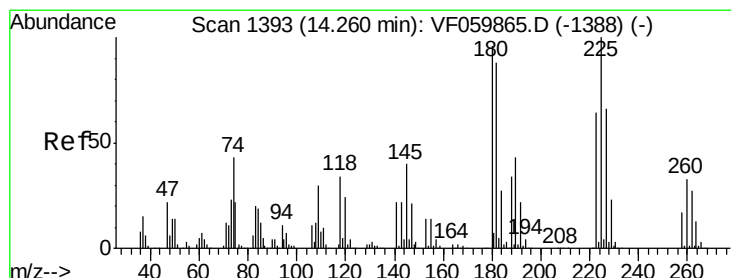
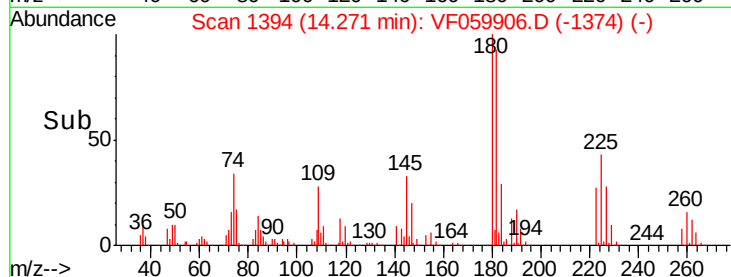
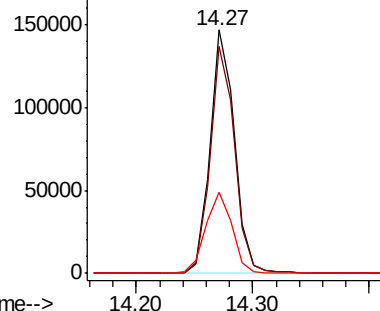
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.17 ug/l  
 RT: 14.27 min Scan# 1394  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Tot Ion:180 Resp: 213071  
 Ion Ratio Lower Upper  
 180 100  
 182 93.2 46.4 139.2  
 145 33.4 15.9 47.7

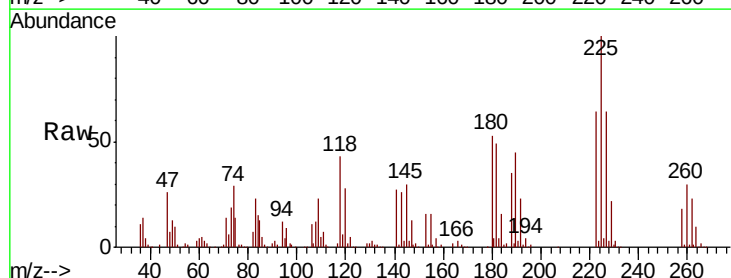


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

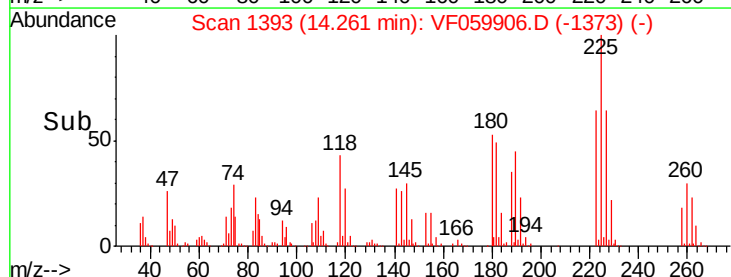
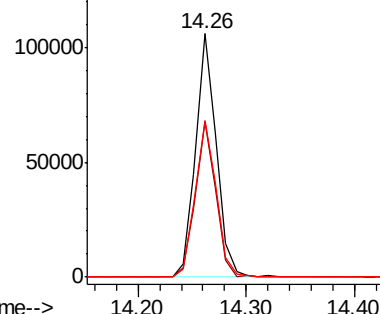


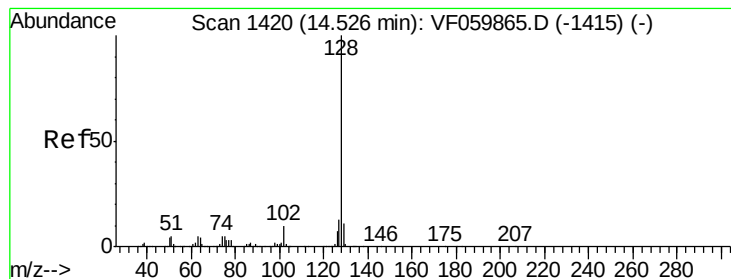
#94  
 Hexachlorobutadiene  
 Concen: 51.76 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VF059906.D  
 Acq: 7 Aug 2018 6:41

Tgt Ion:225 Resp: 141192  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 31.9 95.9  
 227 64.3 32.8 98.4



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 58.28 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

Instrument :

MSVOA\_F

ClientSampleId :

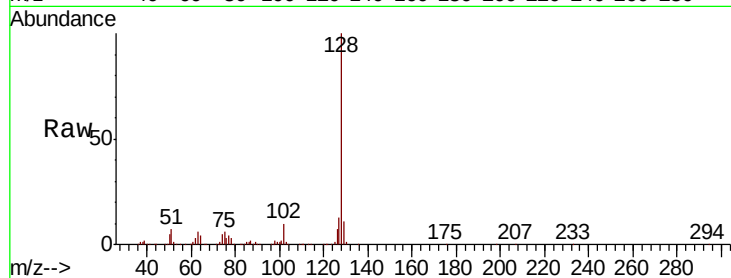
Tot Ion:128 Resp: 389669

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 9.0 13.6

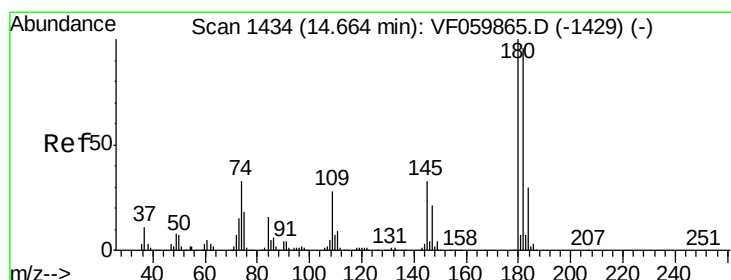
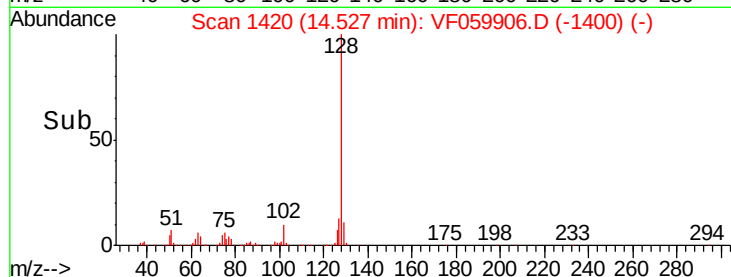
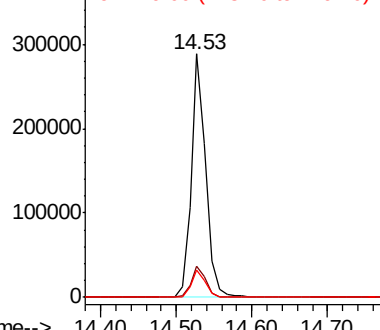


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.37 ug/l

RT: 14.68 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VF059906.D

Acq: 7 Aug 2018 6:41

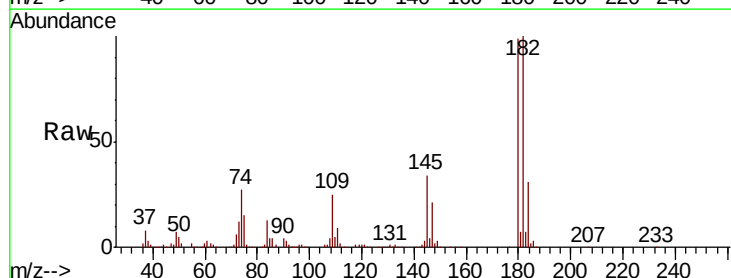
Tgt Ion:180 Resp: 211148

Ion Ratio Lower Upper

180 100

182 100.8 48.1 144.3

145 34.5 16.6 49.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

