

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\  
 Data File : VF060869.D  
 Acq On : 29 Nov 2018 16:08  
 Operator : VA/AP  
 Sample : VF1129SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

Quant Time: Nov 30 05:58:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 27 01:36:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.88  | 168  | 212505   | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 5.60  | 114  | 362315   | 50.00 | ug/l  | -0.04    |
| 63) Chlorobenzene-d5       | 9.79  | 117  | 322889   | 50.00 | ug/l  | -0.03    |
| 72) 1,4-Dichlorobenzene-d4 | 12.56 | 152  | 173167   | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.85  | 65   | 135510   | 54.13  | ug/l    | -0.03    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 108.26% |          |
| 35) Dibromofluoromethane    | 4.11  | 113  | 138930   | 48.33  | ug/l    | -0.04    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 96.66%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 399778   | 47.22  | ug/l    | -0.03    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 94.44%  |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 189289   | 49.19  | ug/l    | -0.02    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 98.38%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 0.97 | 85   | 70065    | 22.051  | ug/l  | 98     |
| 3) Chloromethane              | 1.10 | 50   | 45369    | 21.943  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.13 | 62   | 43303    | 22.453  | ug/l  | 98     |
| 5) Bromomethane               | 1.33 | 94   | 28974    | 21.306  | ug/l  | 91     |
| 6) Chloroethane               | 1.37 | 64   | 17497    | 20.988  | ug/l  | 95     |
| 7) Trichlorofluoromethane     | 1.49 | 101  | 63726    | 15.400  | ug/l  | 89     |
| 8) Diethyl Ether              | 1.63 | 74   | 12987    | 21.826  | ug/l  | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.82 | 101  | 41420    | 19.800  | ug/l  | 95     |
| 10) Methyl Iodide             | 1.89 | 142  | 52876    | 16.629  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 2.58 | 59   | 10841    | 105.642 | ug/l  | 95     |
| 12) 1,1-Dichloroethene        | 1.79 | 96   | 33234    | 19.751  | ug/l  | 87     |
| 13) Acrolein                  | 2.01 | 56   | 9963     | 102.470 | ug/l  | 99     |
| 14) Allyl chloride            | 2.10 | 41   | 49237    | 23.477  | ug/l  | 95     |
| 15) Acrylonitrile             | 2.95 | 53   | 24594    | 106.900 | ug/l  | 90     |
| 16) Acetone                   | 2.24 | 43   | 53649    | 116.214 | ug/l  | 99     |
| 17) Carbon Disulfide          | 1.82 | 76   | 96051    | 21.290  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.35 | 43   | 20457    | 25.608  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 2.44 | 73   | 80750    | 21.307  | ug/l  | 95     |
| 20) Methylene Chloride        | 2.24 | 84   | 21173    | 12.502  | ug/l  | 91     |
| 21) trans-1,2-Dichloroethene  | 2.31 | 96   | 36702    | 22.625  | ug/l  | 91     |
| 22) Diisopropyl ether         | 2.80 | 45   | 123028   | 21.551  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.20 | 43   | 296152   | 113.490 | ug/l  | 97     |
| 24) 1,1-Dichloroethane        | 2.87 | 63   | 76945    | 22.655  | ug/l  | 99     |
| 25) 2-Butanone                | 4.34 | 43   | 89382    | 111.941 | ug/l  | 93     |
| 26) 2,2-Dichloropropane       | 3.61 | 77   | 49626    | 22.537  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 3.48 | 96   | 57543    | 21.789  | ug/l  | 98     |
| 28) Bromochloromethane        | 3.73 | 49   | 35958    | 22.060  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 4.08 | 42   | 37447    | 110.639 | ug/l  | 97     |
| 30) Chloroform                | 3.87 | 83   | 112974   | 21.612  | ug/l  | 97     |
| 31) Cyclohexane               | 3.71 | 56   | 78703    | 22.328  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 4.10 | 97   | 79918    | 22.045  | ug/l  | 94     |
| 36) 1,1-Dichloropropene       | 4.29 | 75   | 80466    | 20.023  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.12 | 43   | 35103    | 21.495  | ug/l  | 87     |
| 38) Carbon Tetrachloride      | 3.99 | 117  | 71962    | 20.274  | ug/l  | 93     |

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 Sample : VF1129SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

Quant Time: Nov 30 05:58:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 27 01:36:26 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.46  | 83   | 88529    | 21.021  | ug/l   | 99       |
| 40) Benzene                    | 4.64  | 78   | 183152   | 20.630  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.74  | 41   | 18614    | 19.661  | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 4.95  | 62   | 65136    | 20.096  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.96  | 43   | 42564    | 19.463  | ug/l # | 85       |
| 44) Trichloroethene            | 5.51  | 130  | 58907    | 20.293  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.24  | 63   | 47763    | 20.715  | ug/l   | 95       |
| 46) Dibromomethane             | 6.10  | 93   | 32789    | 20.963  | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.39  | 83   | 84462    | 20.331  | ug/l   | 95       |
| 48) Methyl methacrylate        | 6.73  | 41   | 30145    | 20.393  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 6.72  | 88   | 4524     | 418.166 | ug/l   | 84       |
| 51) 4-Methyl-2-Pentanone       | 8.27  | 43   | 162584   | 107.960 | ug/l   | 96       |
| 52) Toluene                    | 7.63  | 92   | 118664   | 19.029  | ug/l   | 87       |
| 53) t-1,3-Dichloropropene      | 8.29  | 75   | 67213    | 19.890  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 7.31  | 75   | 88022    | 21.041  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 8.50  | 97   | 36575    | 20.128  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.63  | 69   | 38195    | 18.922  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 8.87  | 76   | 68295    | 21.482  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.30  | 63   | 21006    | 101.738 | ug/l   | 90       |
| 59) 2-Hexanone                 | 9.50  | 43   | 113402   | 107.335 | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.72  | 129  | 54125    | 19.991  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.00  | 107  | 37116    | 18.908  | ug/l   | 93       |
| 64) Tetrachloroethene          | 8.17  | 164  | 50220    | 20.363  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.80  | 112  | 131034   | 20.861  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.94  | 131  | 55271    | 20.468  | ug/l   | 94       |
| 67) Ethyl Benzene              | 9.90  | 91   | 248375   | 21.239  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.14 | 106  | 182966   | 43.502  | ug/l   | 99       |
| 69) o-Xylene                   | 10.72 | 106  | 99009    | 21.348  | ug/l   | 87       |
| 70) Styrene                    | 10.80 | 104  | 145859   | 22.687  | ug/l   | 97       |
| 71) Bromoform                  | 10.78 | 173  | 29615    | 22.705  | ug/l # | 86       |
| 73) Isopropylbenzene           | 11.14 | 105  | 297678   | 21.753  | ug/l   | 98       |
| 74) N-amyl acetate             | 11.38 | 43   | 73191    | 23.162  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.70 | 83   | 51816    | 23.007  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.80 | 75   | 39266    | 23.986  | ug/l   | 92       |
| 77) Bromobenzene               | 11.50 | 156  | 62111    | 20.702  | ug/l   | 87       |
| 78) n-propylbenzene            | 11.60 | 91   | 348935   | 21.773  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.73 | 91   | 210800   | 22.941  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.83 | 105  | 247818   | 22.307  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.88 | 75   | 23883    | 29.776  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 11.91 | 91   | 205331   | 21.233  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.13 | 119  | 243495   | 21.517  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 12.21 | 105  | 237651   | 21.434  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.31 | 105  | 330992   | 21.366  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.47 | 119  | 285098   | 21.951  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.48 | 146  | 124928   | 21.891  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.58 | 146  | 118686   | 21.341  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.85 | 91   | 295960   | 22.536  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.92 | 117  | 66425    | 21.239  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.95 | 146  | 118707   | 21.965  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.65 | 75   | 8948     | 20.550  | ug/l   | 91       |

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Acq On : 29 Nov 2018 16:08  
Operator : VA/AP  
Sample : VF1129SBSD01  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 5 Sample Multiplier: 1

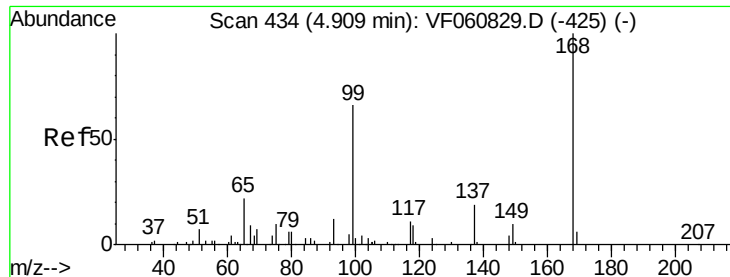
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBSD01

Quant Time: Nov 30 05:58:06 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F112618S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 27 01:36:26 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.20 | 180  | 85341    | 22.600 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.19 | 225  | 50604    | 20.103 | ug/l  | 99       |
| 95) Naphthalene            | 14.46 | 128  | 160130   | 19.730 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.61 | 180  | 77893    | 22.216 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

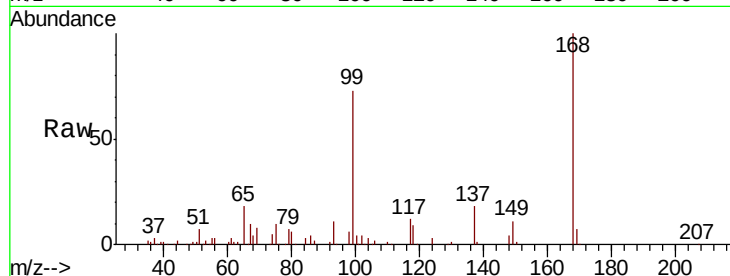
VF1129SBS01

Tot Ion:168 Resp: 212505

Ion Ratio Lower Upper

168 100

99 73.2 52.6 79.0

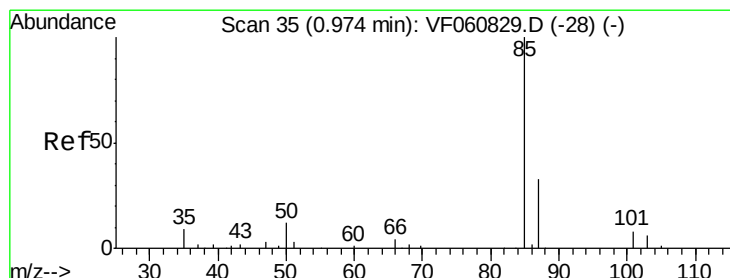
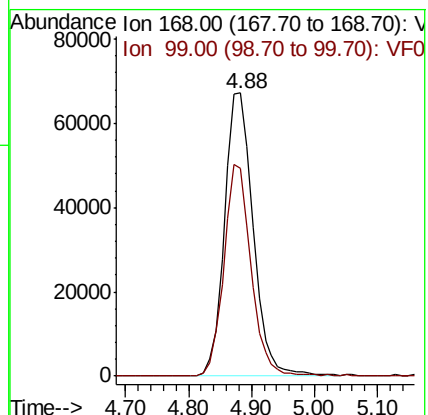
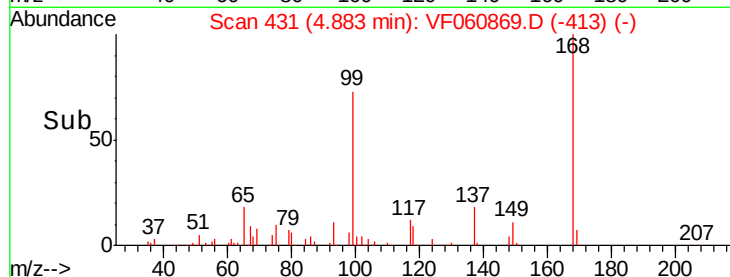


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

Time-->



#2

Dichlorodifluoromethane

Concen: 22.051 ug/l

RT: 0.97 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060869.D

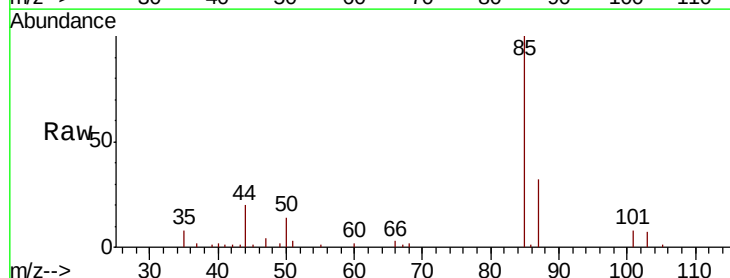
Acq: 29 Nov 2018 16:08

Tgt Ion: 85 Resp: 70065

Ion Ratio Lower Upper

85 100

87 32.0 16.7 50.0

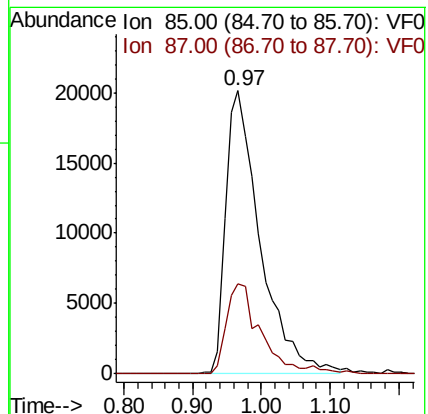
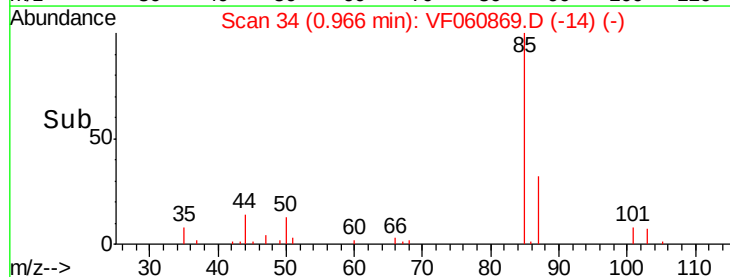


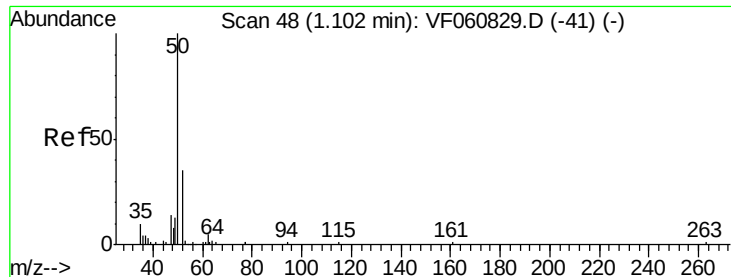
Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

Time-->





#3

Chloromethane

Concen: 21.943 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

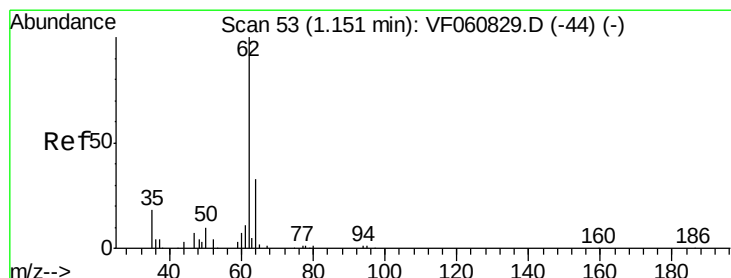
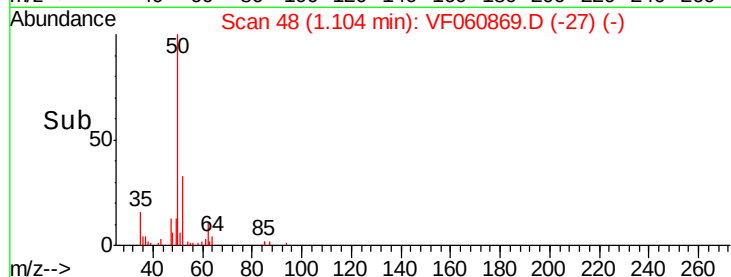
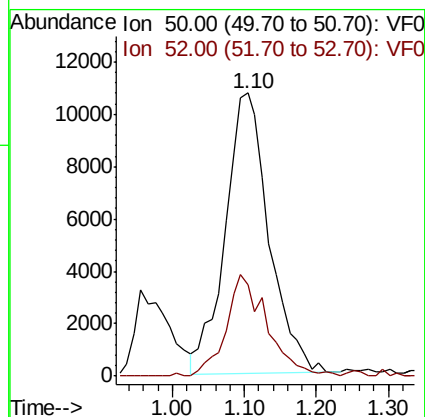
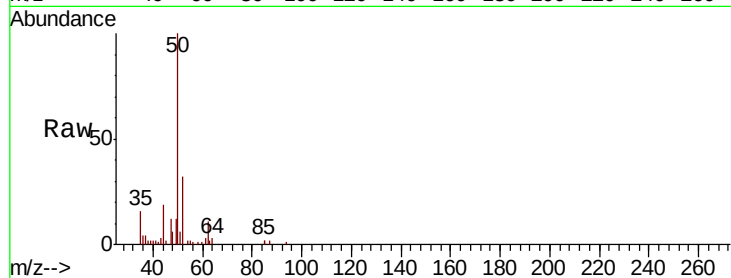
VF1129SBS01

Tot Ion: 50 Resp: 45369

Ion Ratio Lower Upper

50 100

52 32.2 27.0 40.4



#4

Vinyl Chloride

Concen: 22.453 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.02 min

Lab File: VF060869.D

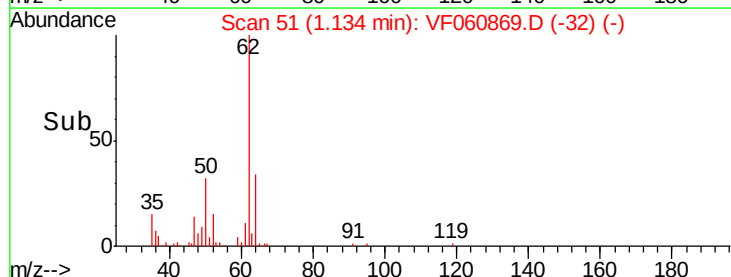
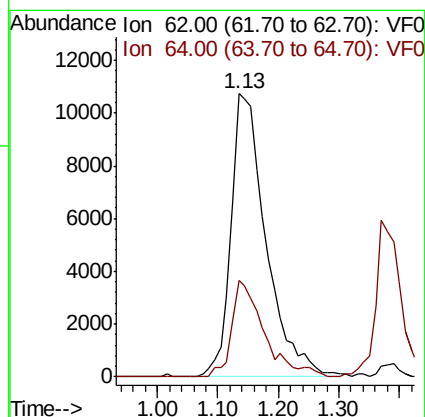
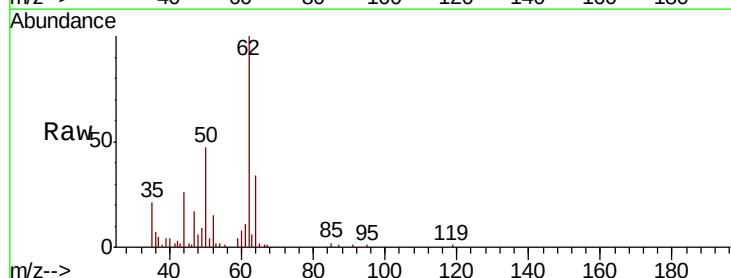
Acq: 29 Nov 2018 16:08

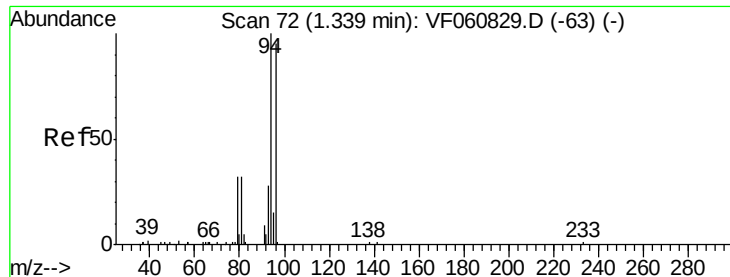
Tgt Ion: 62 Resp: 43303

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6





#5

Bromomethane

Concen: 21.306 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

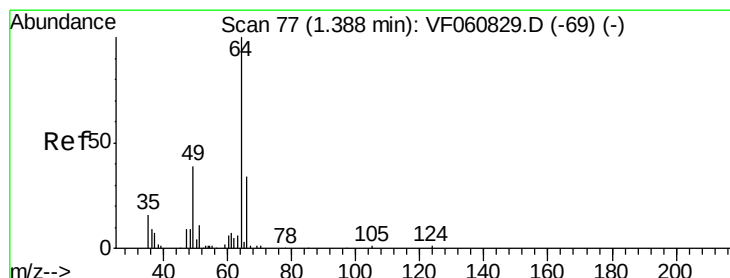
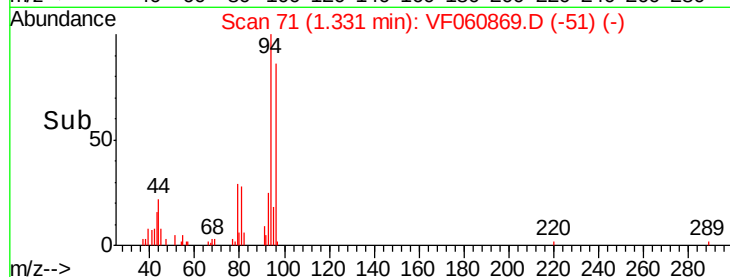
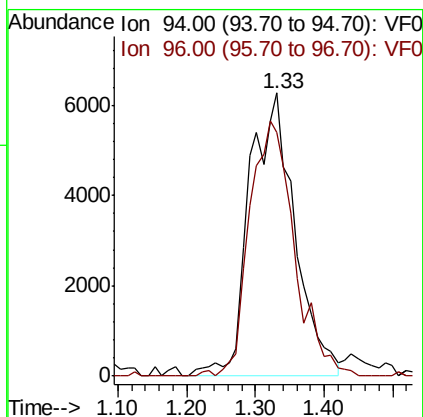
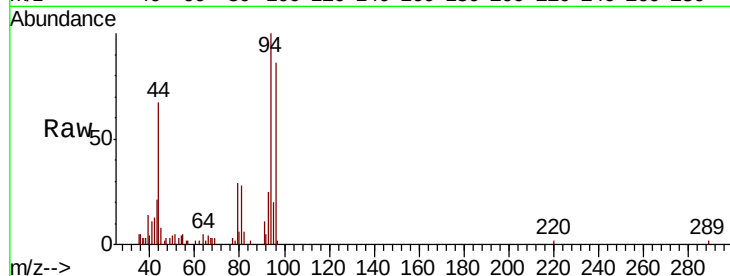
VF1129SBS01

Tot Ion: 94 Resp: 28974

Ion Ratio Lower Upper

94 100

96 86.3 75.9 113.9



#6

Chloroethane

Concen: 20.988 ug/l

RT: 1.37 min Scan# 75

Delta R.T. -0.02 min

Lab File: VF060869.D

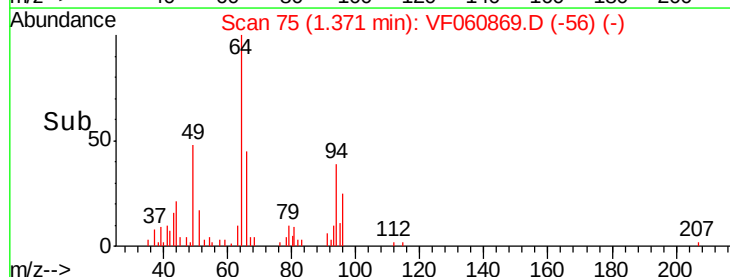
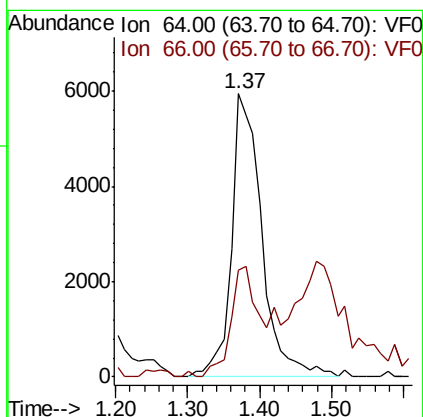
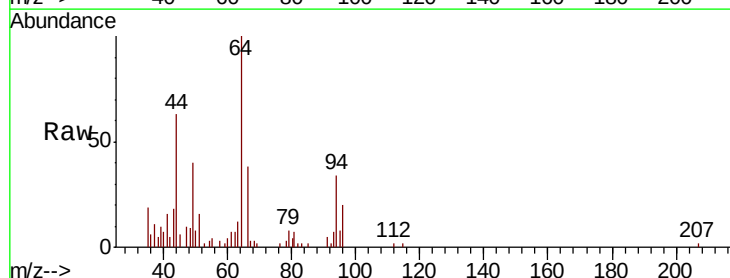
Acq: 29 Nov 2018 16:08

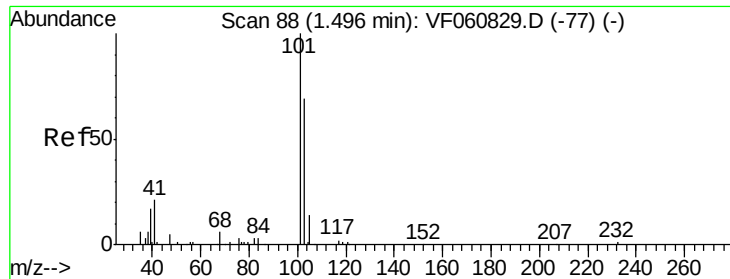
Tgt Ion: 64 Resp: 17497

Ion Ratio Lower Upper

64 100

66 37.7 28.1 42.1





#7

Trichlorofluoromethane

Concen: 15.400 ug/l

RT: 1.49 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

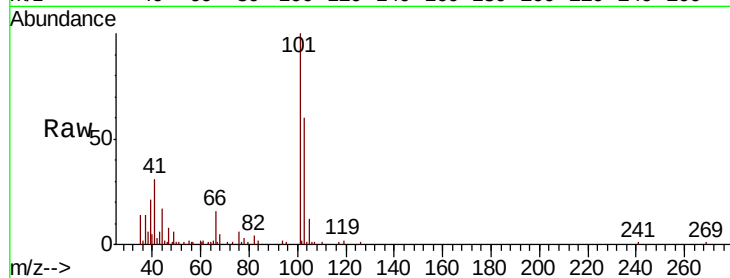
VF1129SBSD01

Tot Ion:101 Resp: 63726

Ion Ratio Lower Upper

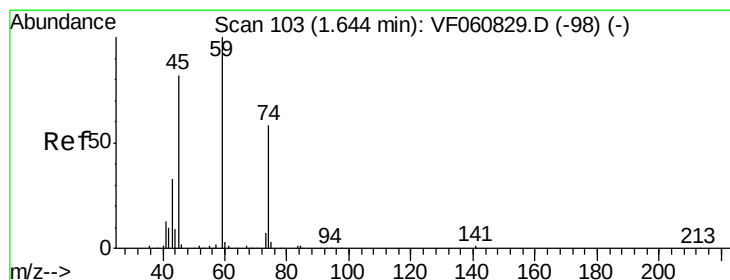
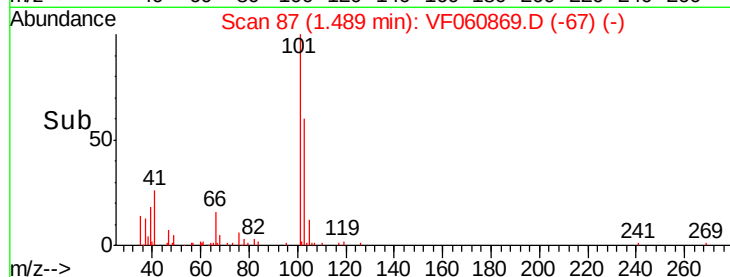
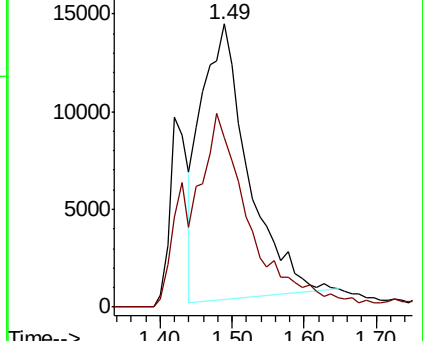
101 100

103 59.9 55.4 83.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 21.826 ug/l

RT: 1.63 min Scan# 101

Delta R.T. -0.02 min

Lab File: VF060869.D

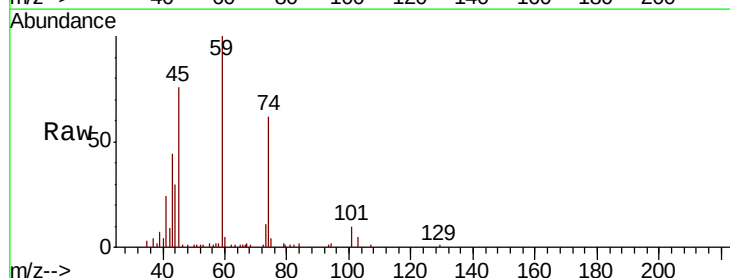
Acq: 29 Nov 2018 16:08

Tgt Ion: 74 Resp: 12987

Ion Ratio Lower Upper

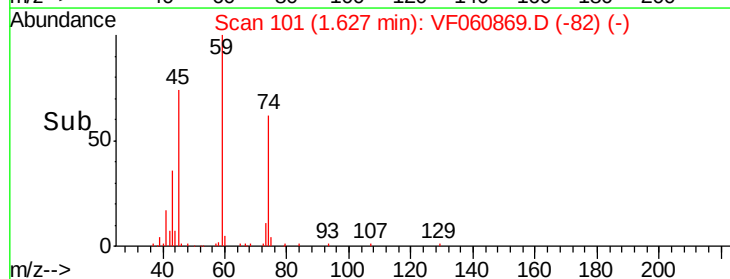
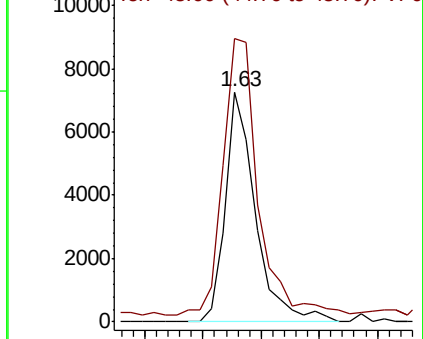
74 100

45 123.0 71.0 212.8

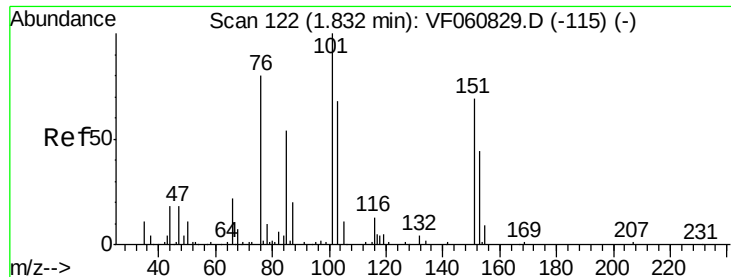


Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.800 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.01 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

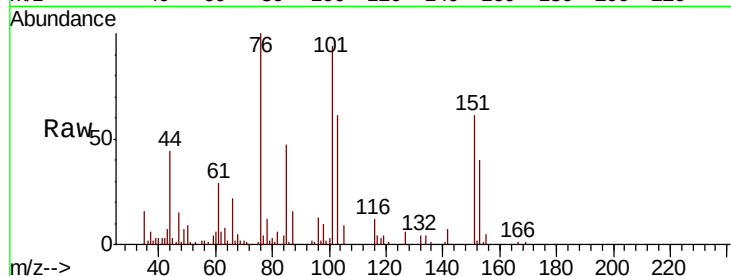
Tot Ion:101 Resp: 41420

Ion Ratio Lower Upper

101 100

85 49.5 42.8 64.2

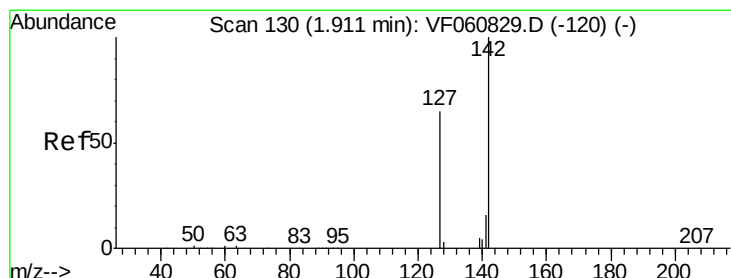
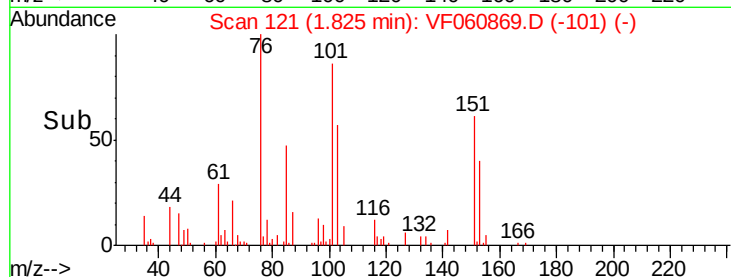
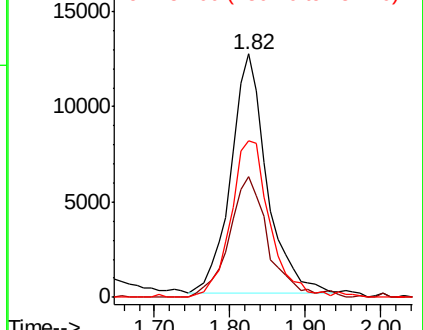
151 64.4 54.4 81.6



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: 16.629 ug/l

RT: 1.89 min Scan# 128

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

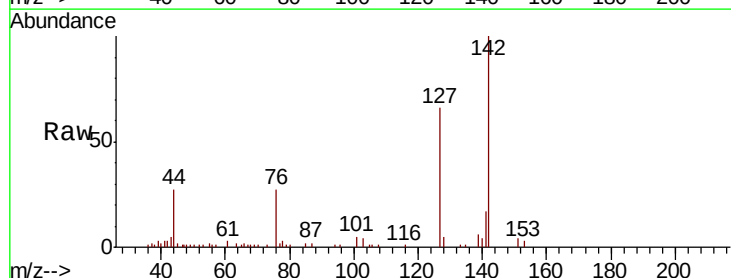
Tgt Ion:142 Resp: 52876

Ion Ratio Lower Upper

142 100

127 65.9 51.9 77.9

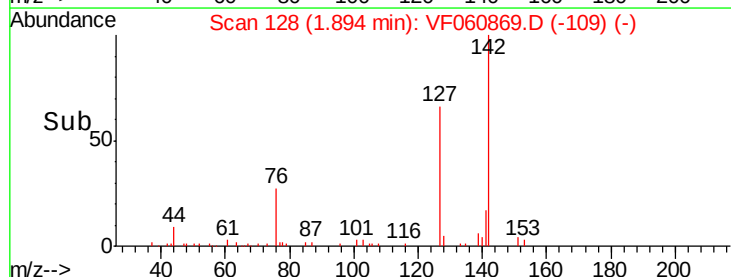
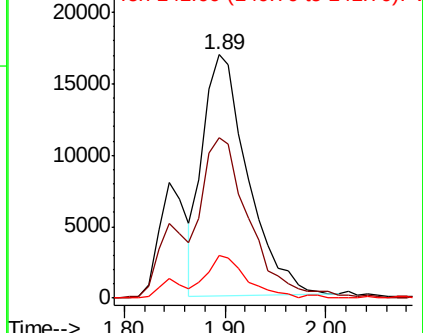
141 17.3 12.7 19.1

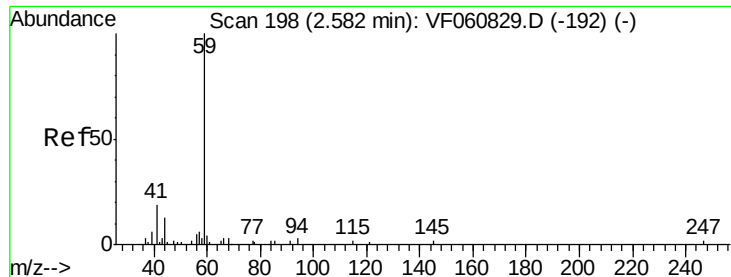


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



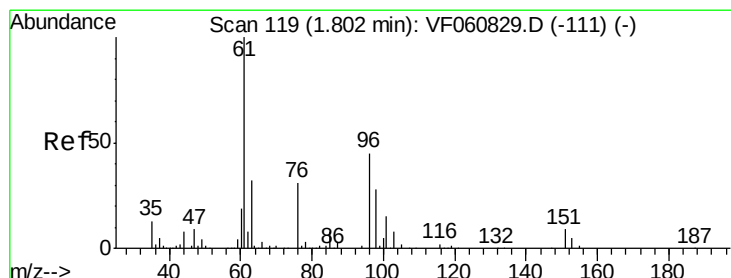
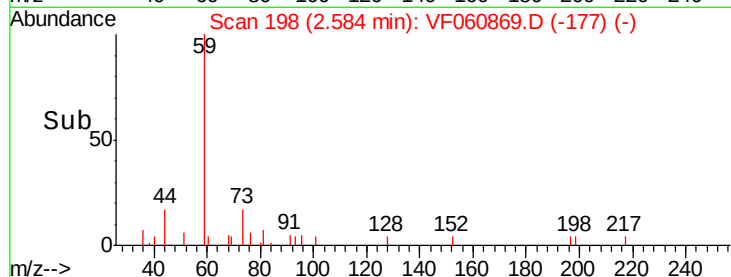
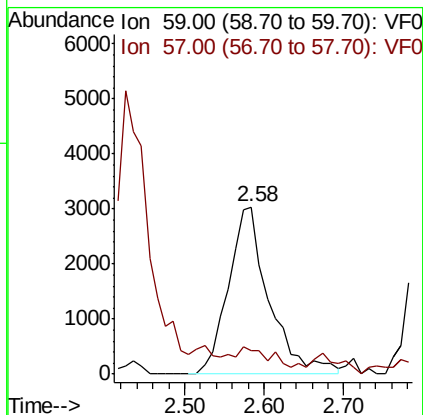
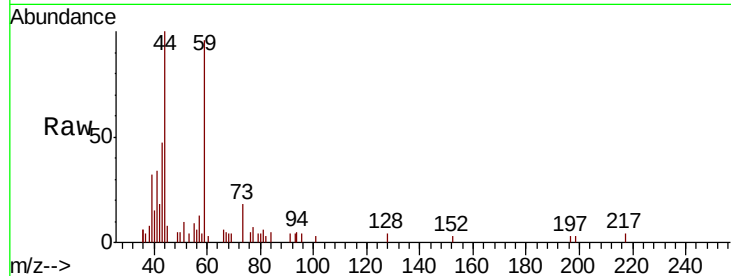


#11

Tert butyl alcohol  
 Concen: 105.642 ug/l  
 RT: 2.58 min Scan# 198  
 Delta R.T. 0.00 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

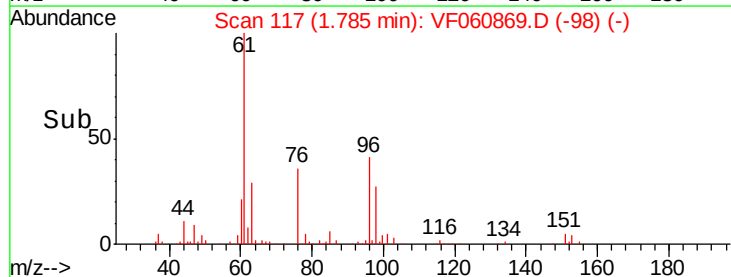
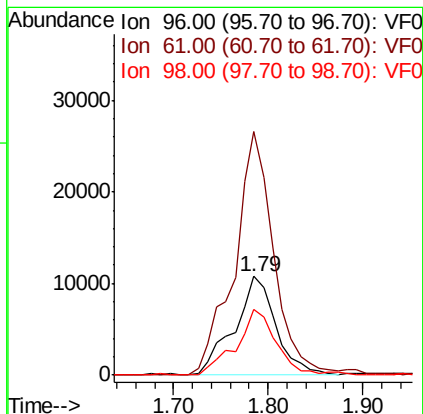
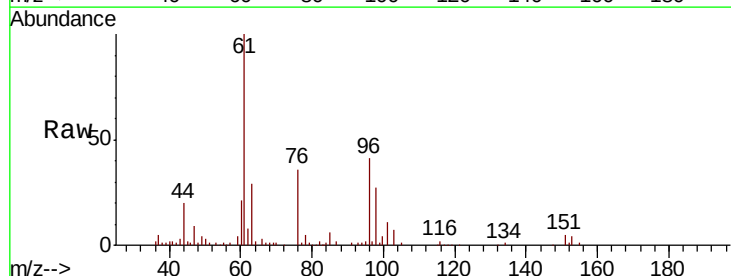
Tot Ion: 59 Resp: 10841  
 Ion Ratio Lower Upper  
 59 100  
 57 13.8 12.7 19.1

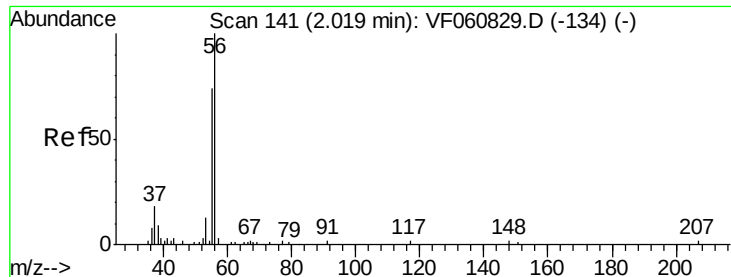


#12

1,1-Dichloroethene  
 Concen: 19.751 ug/l  
 RT: 1.79 min Scan# 117  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 96 Resp: 33234  
 Ion Ratio Lower Upper  
 96 100  
 61 246.4 177.3 265.9  
 98 66.6 49.6 74.4





#13

Acrolein

Concen: 102.470 ug/l

RT: 2.01 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

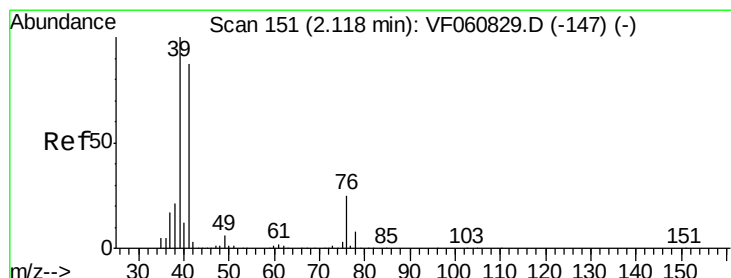
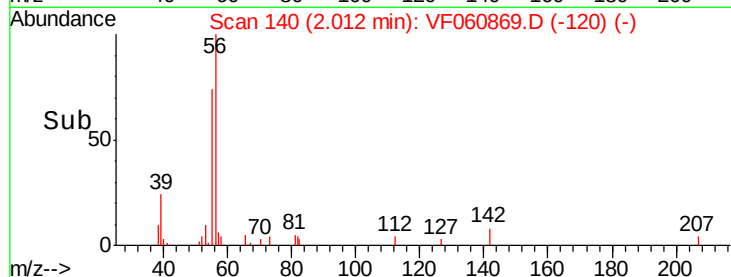
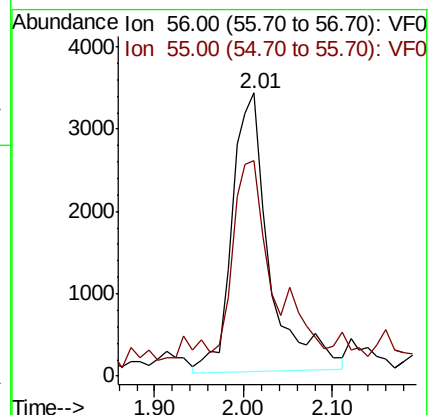
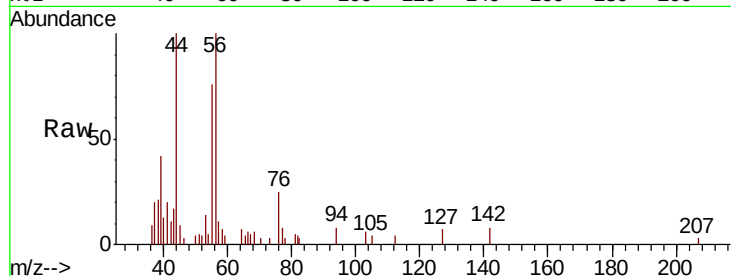
VF1129SBS01

Tot Ion: 56 Resp: 9963

Ion Ratio Lower Upper

56 100

55 76.1 61.2 91.8



#14

Allyl chloride

Concen: 23.477 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

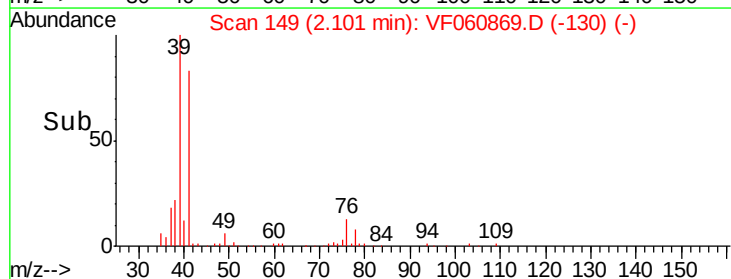
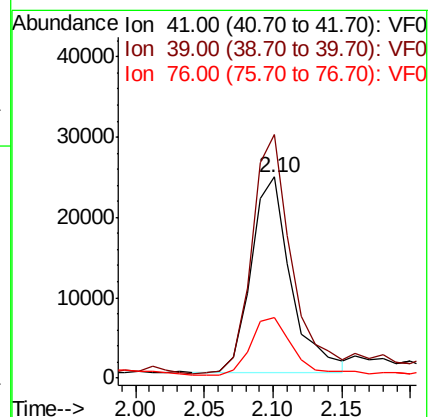
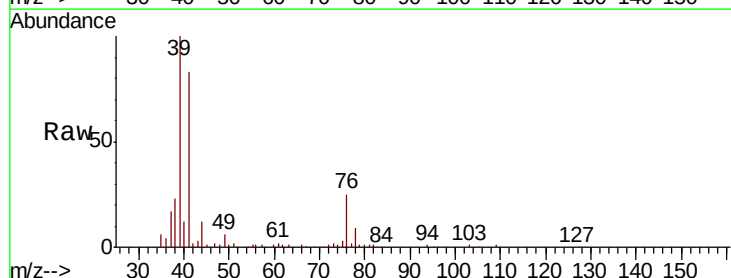
Tgt Ion: 41 Resp: 49237

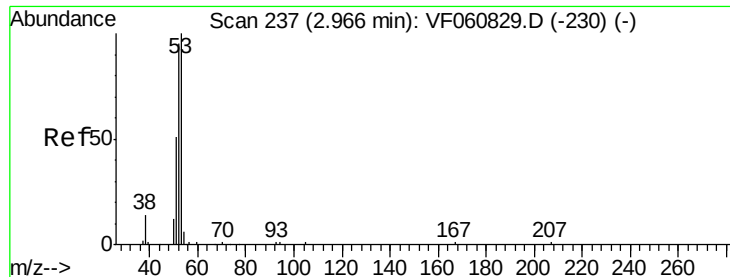
Ion Ratio Lower Upper

41 100

39 121.2 91.7 137.5

76 30.0 23.5 35.3





#15

Acrylonitrile

Concen: 106.900 ug/l

RT: 2.95 min Scan# 235

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

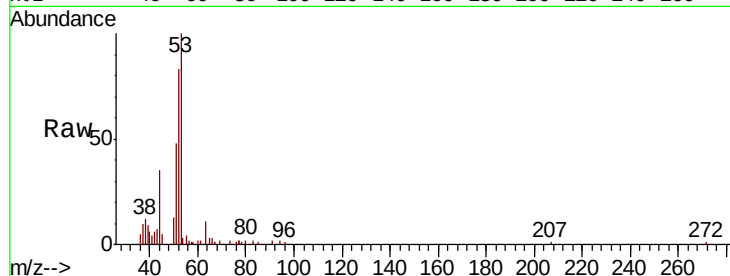
Tot Ion: 53 Resp: 24594

Ion Ratio Lower Upper

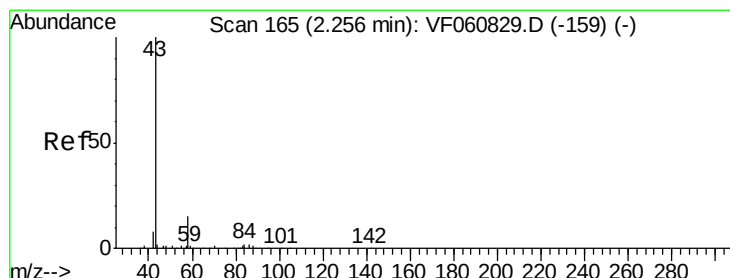
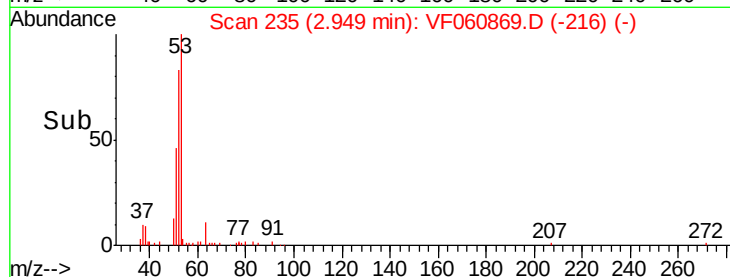
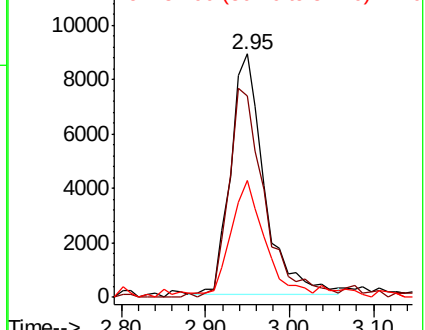
53 100

52 82.9 76.5 114.7

51 48.1 40.7 61.1



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: 116.214 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060869.D

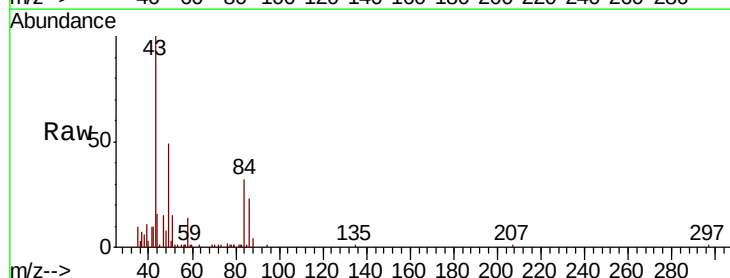
Acq: 29 Nov 2018 16:08

Tgt Ion: 43 Resp: 53649

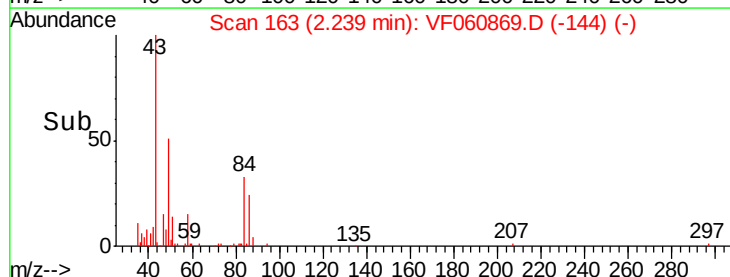
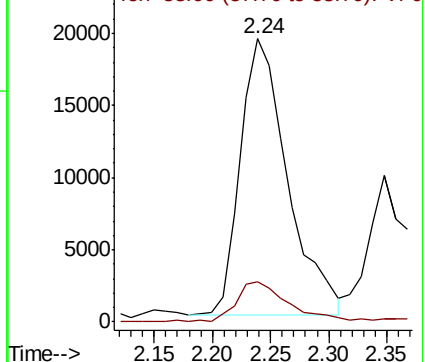
Ion Ratio Lower Upper

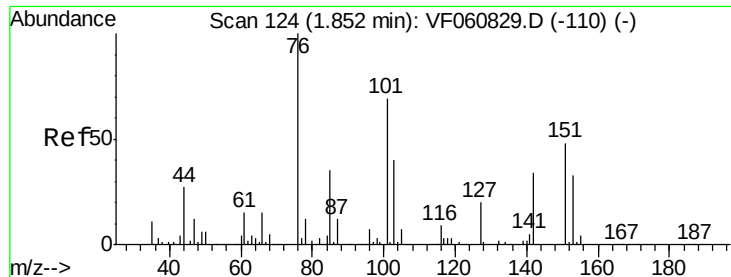
43 100

58 14.0 11.4 17.2



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

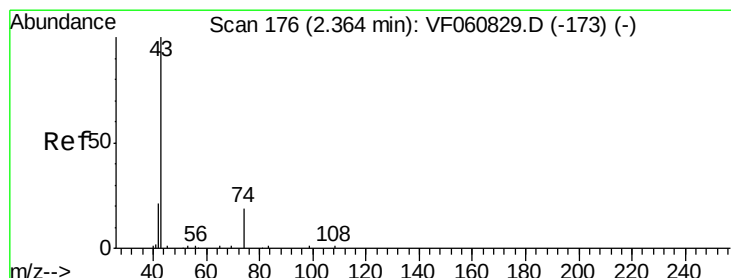
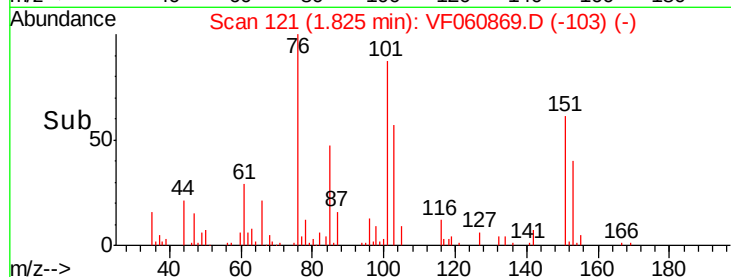
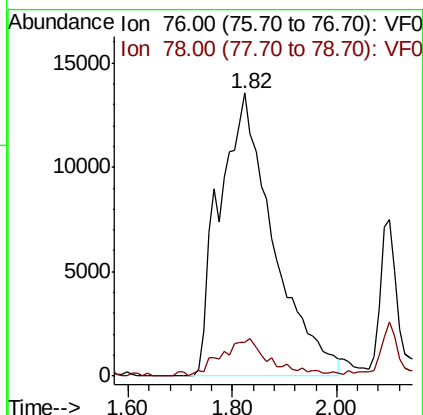
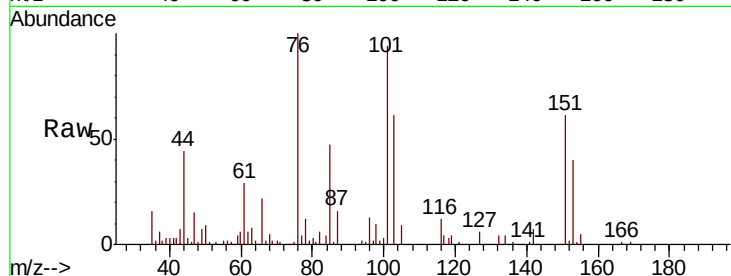




#17  
Carbon Disulfide  
Concen: 21.290 ug/l  
RT: 1.82 min Scan# 121  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

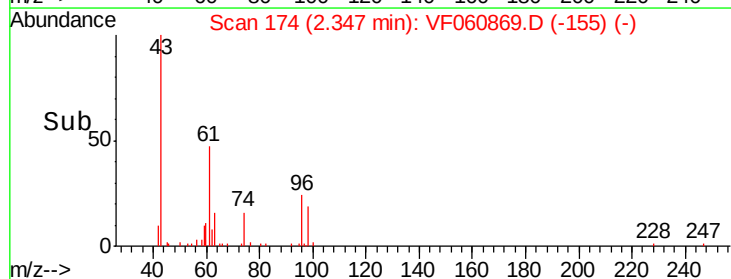
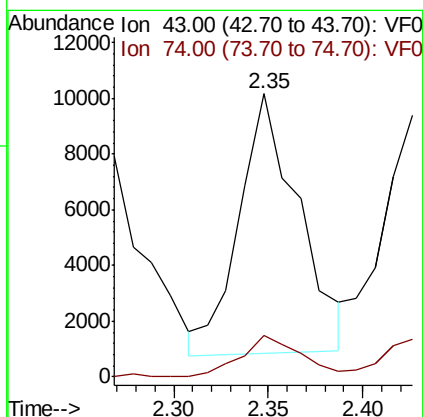
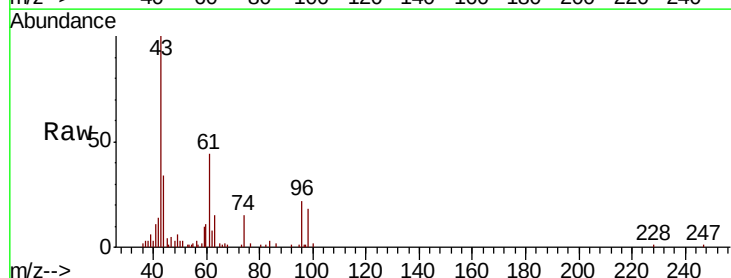
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

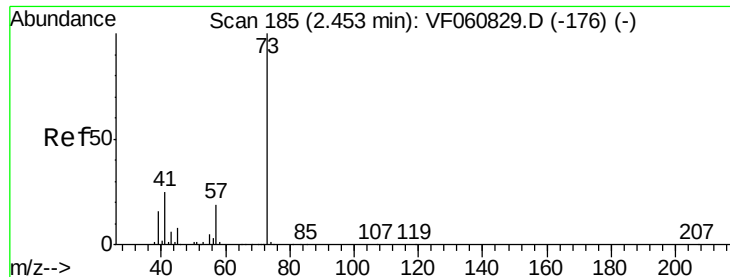
Tot Ion: 76 Resp: 96051  
Ion Ratio Lower Upper  
76 100  
78 11.8 10.2 15.2



#18  
Methyl Acetate  
Concen: 25.608 ug/l  
RT: 2.35 min Scan# 174  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion: 43 Resp: 20457  
Ion Ratio Lower Upper  
43 100  
74 14.8 13.3 19.9



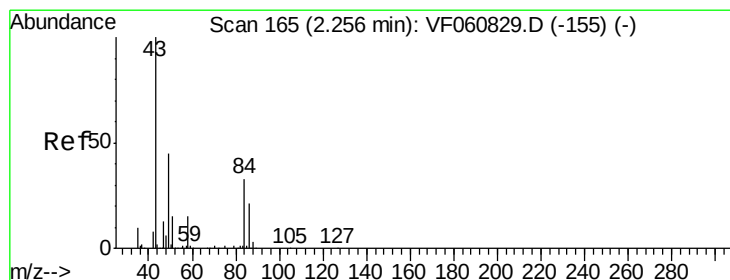
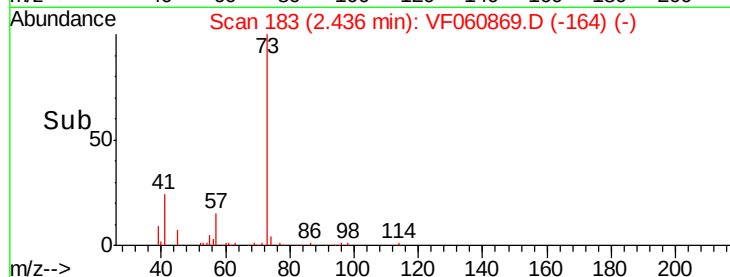
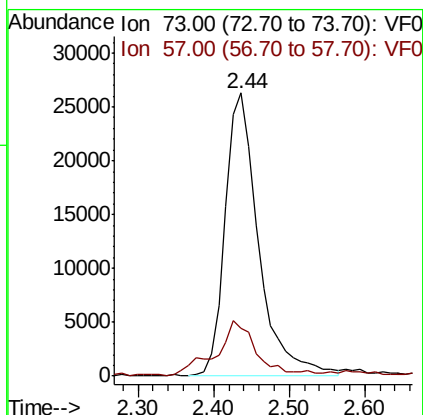
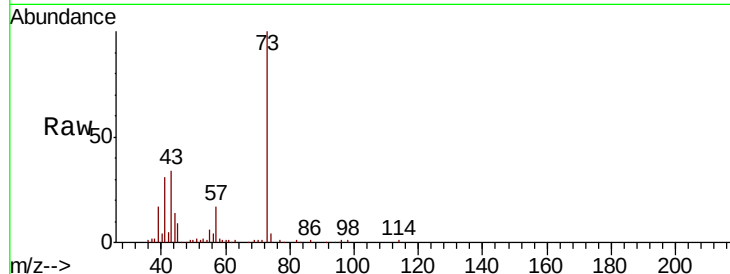


#19

Methyl tert-butyl Ether  
 Concen: 21.307 ug/l  
 RT: 2.44 min Scan# 183  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

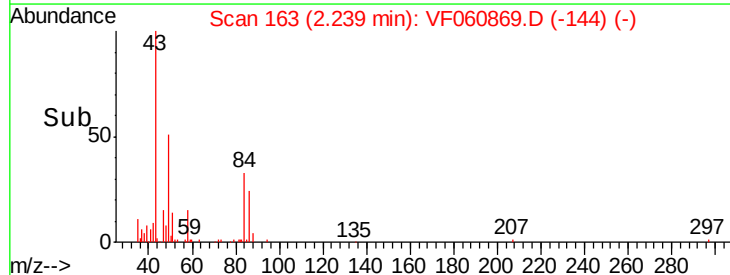
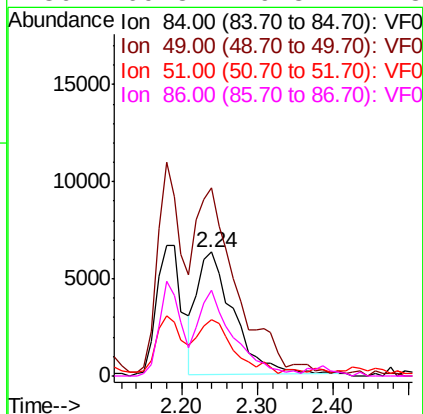
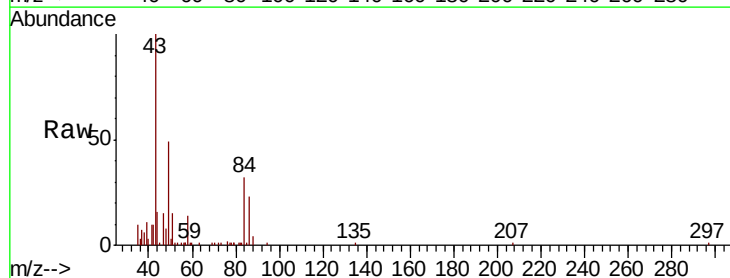
Tot Ion: 73 Resp: 80750  
 Ion Ratio Lower Upper  
 73 100  
 57 16.7 15.3 22.9

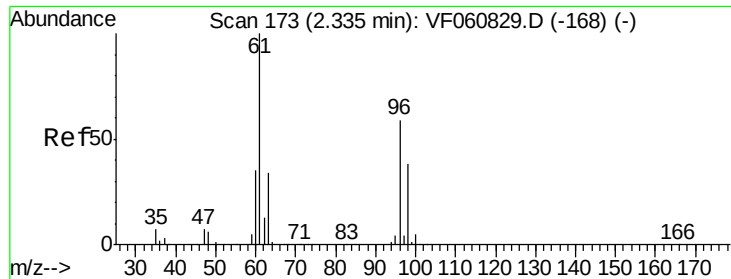


#20

Methylene Chloride  
 Concen: 12.502 ug/l  
 RT: 2.24 min Scan# 163  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 84 Resp: 21173  
 Ion Ratio Lower Upper  
 84 100  
 49 152.3 111.3 166.9  
 51 45.6 38.0 57.0  
 86 69.8 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 22.625 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

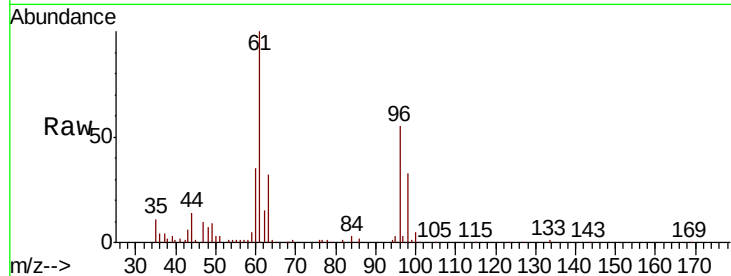
Tot Ion: 96 Resp: 36702

Ion Ratio Lower Upper

96 100

61 182.9 134.5 201.7

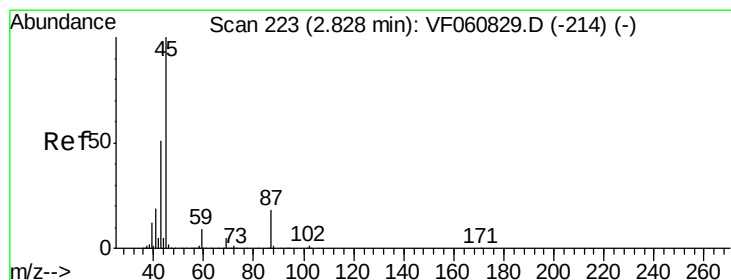
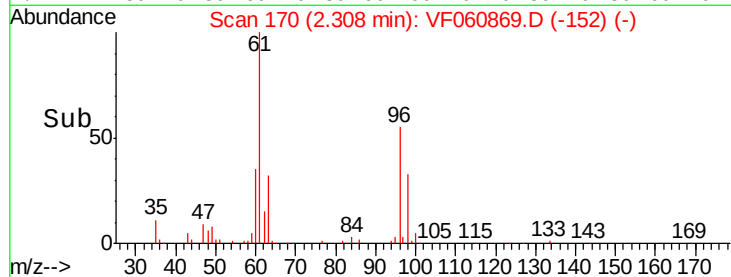
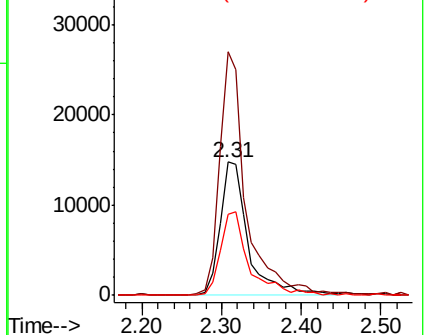
98 61.2 51.6 77.4



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: 21.551 ug/l

RT: 2.80 min Scan# 220

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Tgt Ion: 45 Resp: 123028

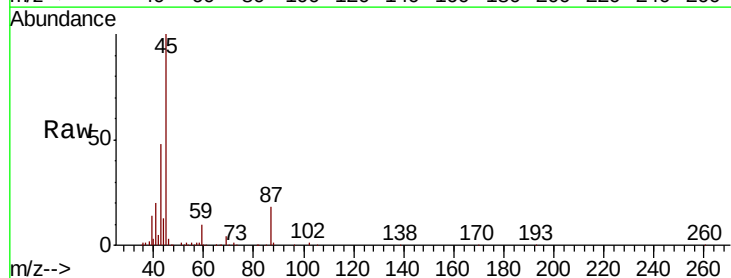
Ion Ratio Lower Upper

45 100

43 48.2 41.0 61.6

87 17.6 14.6 22.0

59 10.1 7.5 11.3

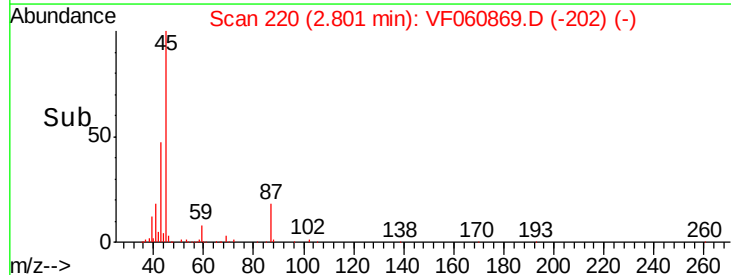
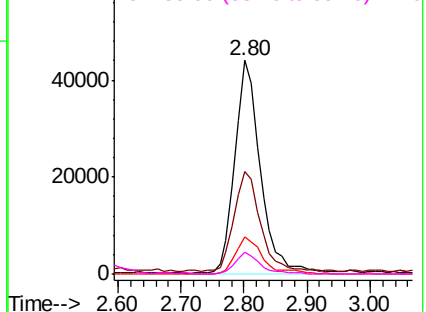


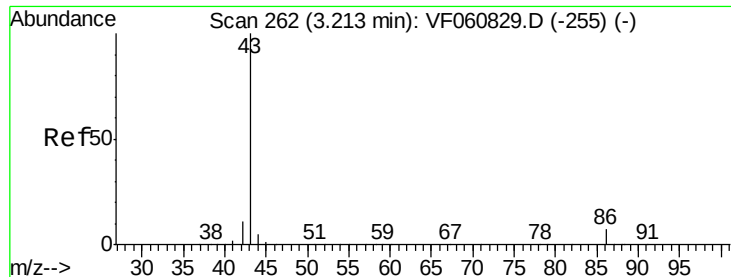
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 113.490 ug/l

RT: 3.20 min Scan# 260

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

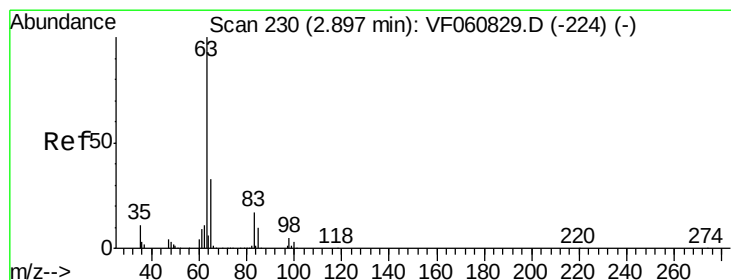
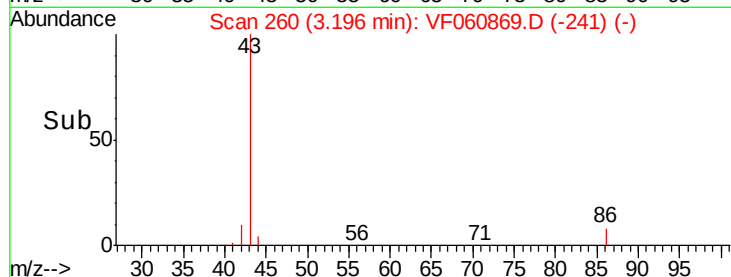
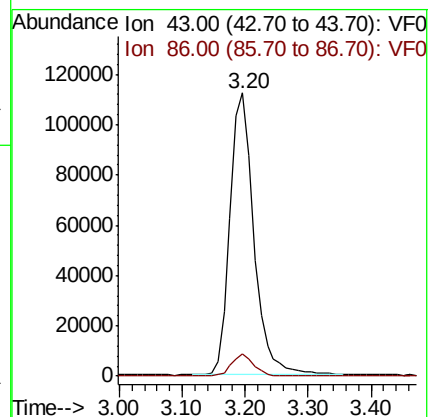
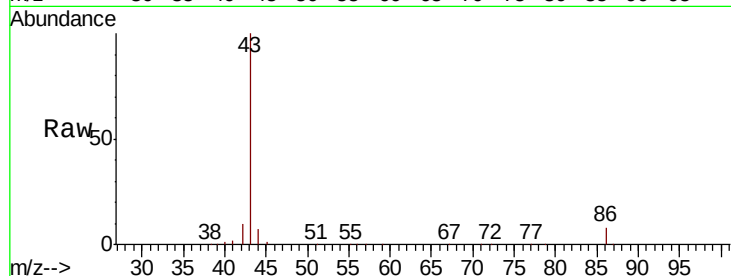
VF1129SBS01

Tot Ion: 43 Resp: 296152

Ion Ratio Lower Upper

43 100

86 7.8 5.4 8.0



#24

1,1-Dichloroethane

Concen: 22.655 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

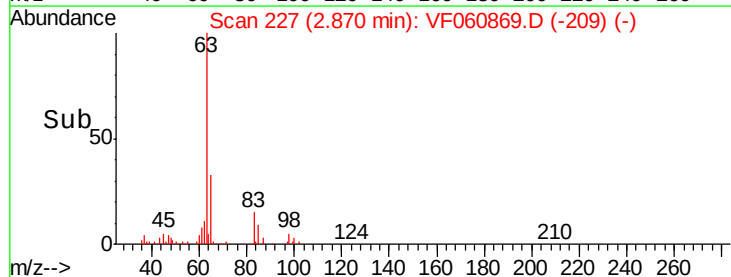
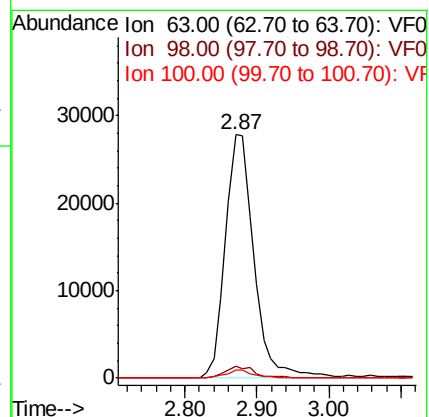
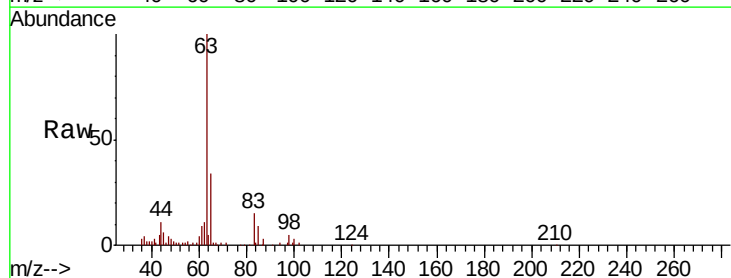
Tgt Ion: 63 Resp: 76945

Ion Ratio Lower Upper

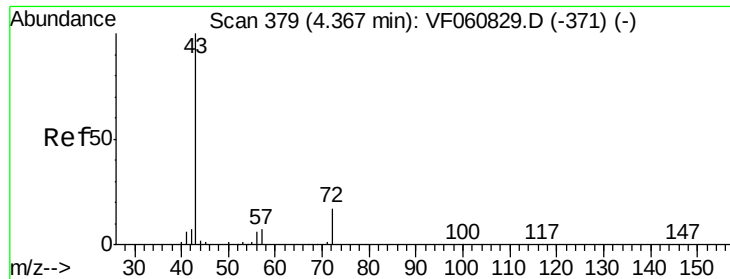
63 100

98 5.1 2.7 8.1

100 3.2 1.5 4.5







#25

2-Butanone

Concen: 111.941 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

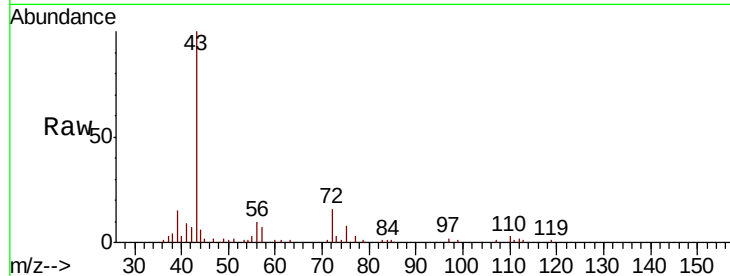
VF1129SBS01

Tot Ion: 43 Resp: 89382

Ion Ratio Lower Upper

43 100

72 16.2 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

25000

20000

15000

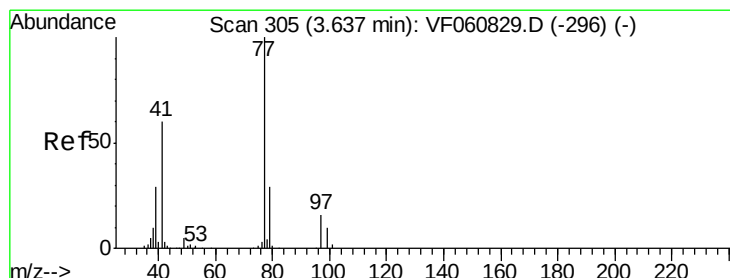
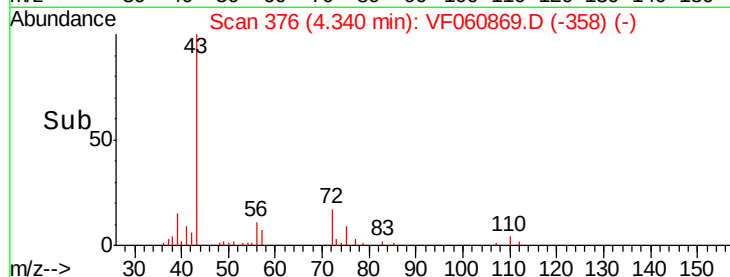
10000

5000

0

4.20 4.30 4.40 4.50

Time-->



#26

2,2-Dichloropropane

Concen: 22.537 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.03 min

Lab File: VF060869.D

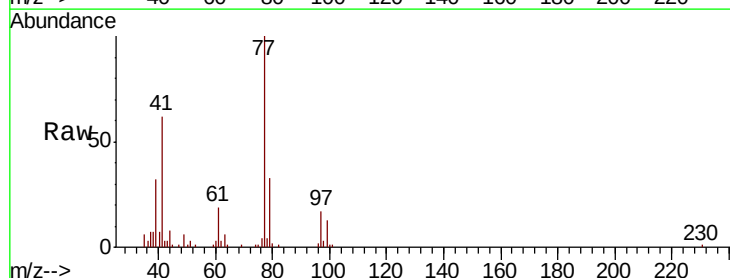
Acq: 29 Nov 2018 16:08

Tgt Ion: 77 Resp: 49626

Ion Ratio Lower Upper

77 100

97 16.6 8.6 25.8



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

15000

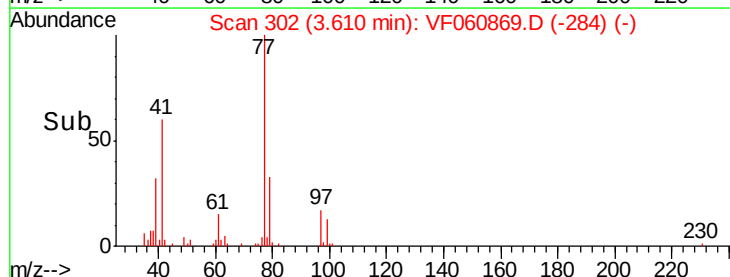
10000

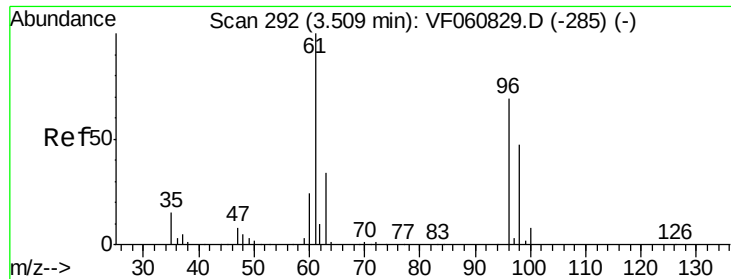
5000

0

3.50 3.60 3.70

Time-->



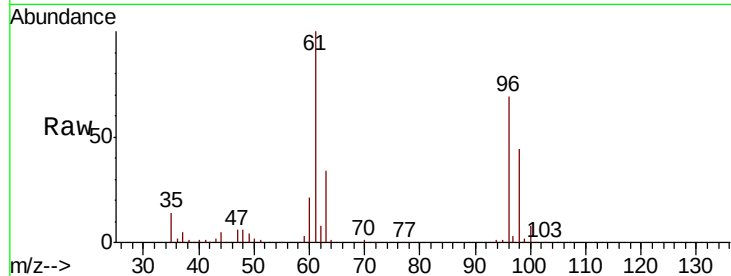


#27

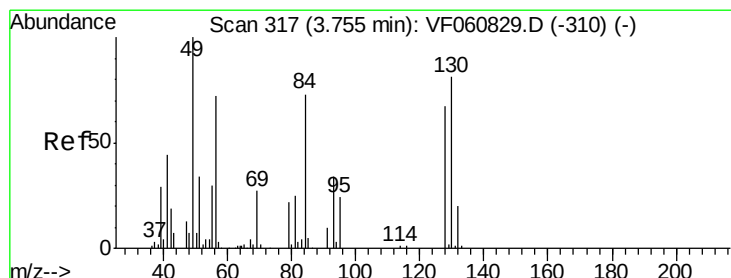
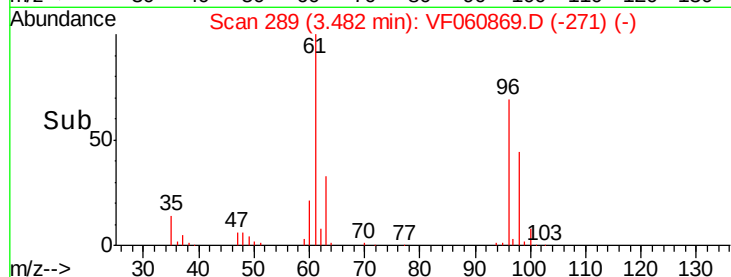
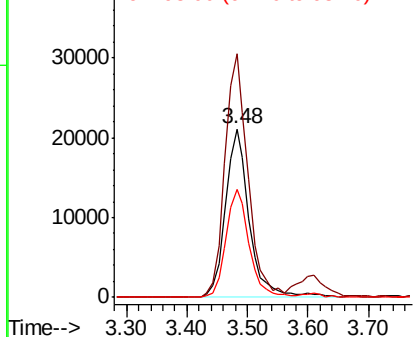
cis-1,2-Dichloroethene  
 Concen: 21.789 ug/l  
 RT: 3.48 min Scan# 289  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

Tot Ion: 96 Resp: 57543  
 Ion Ratio Lower Upper  
 96 100  
 61 144.6 0.0 290.6  
 98 63.7 0.0 137.8



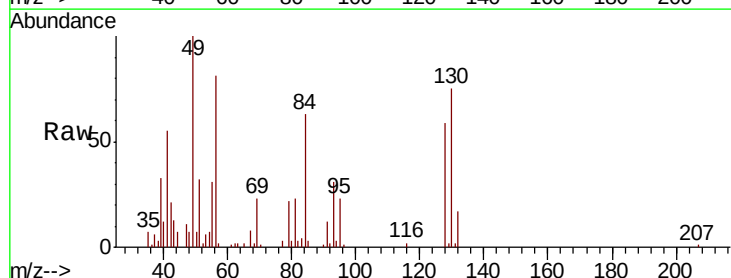
Abundance Ion 96.00 (95.70 to 96.70): VF0  
 Ion 61.00 (60.70 to 61.70): VF0  
 Ion 98.00 (97.70 to 98.70): VF0



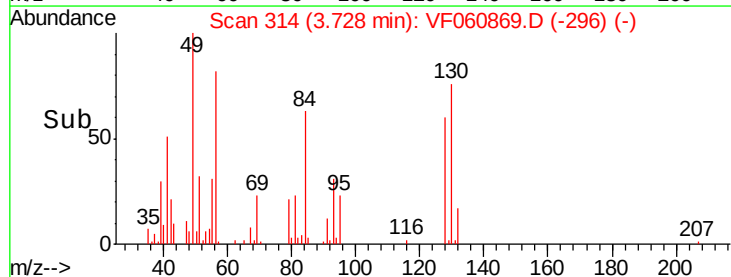
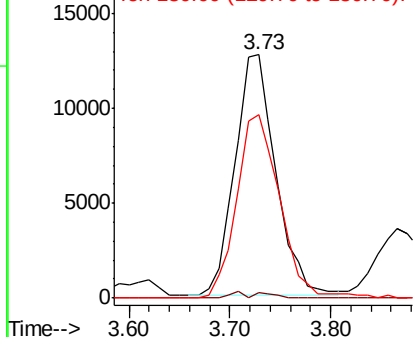
#28

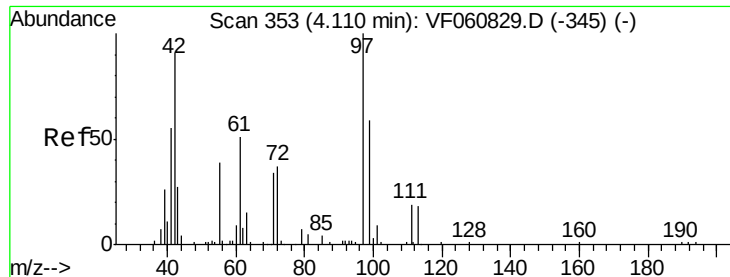
Bromochloromethane  
 Concen: 22.060 ug/l  
 RT: 3.73 min Scan# 314  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 49 Resp: 35958  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.4  
 130 75.1 64.2 96.4



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: 110.639 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

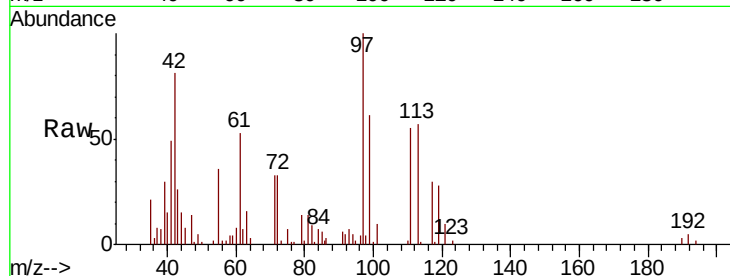
Tot Ion: 42 Resp: 37447

Ion Ratio Lower Upper

42 100

72 36.8 31.9 47.9

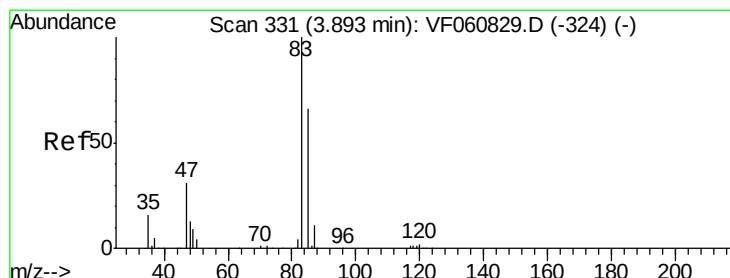
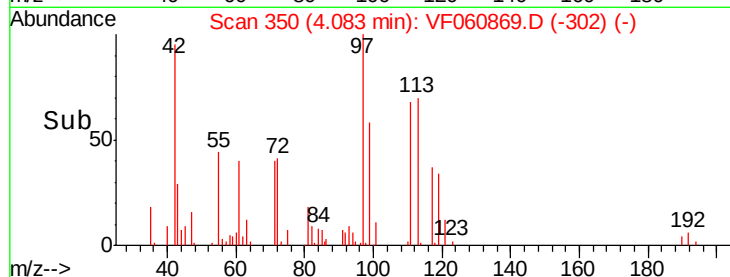
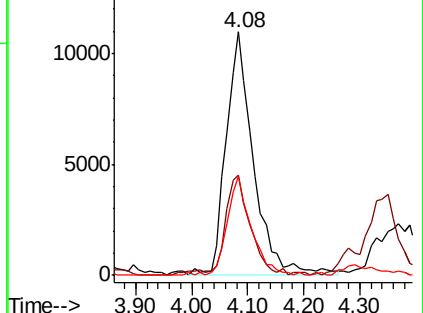
71 35.6 28.7 43.1



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: 21.612 ug/l

RT: 3.87 min Scan# 328

Delta R.T. -0.03 min

Lab File: VF060869.D

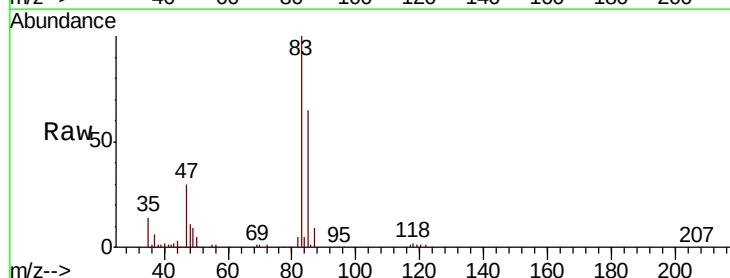
Acq: 29 Nov 2018 16:08

Tgt Ion: 83 Resp: 112974

Ion Ratio Lower Upper

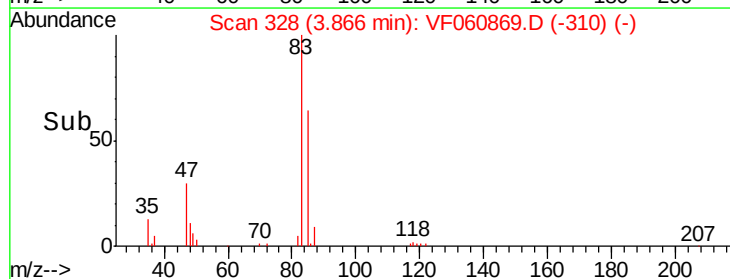
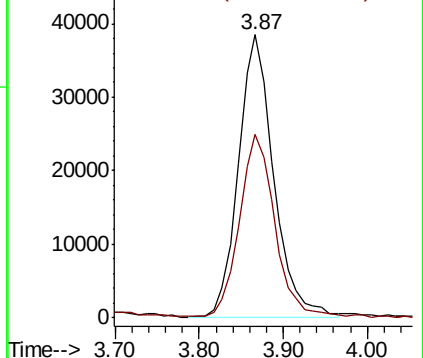
83 100

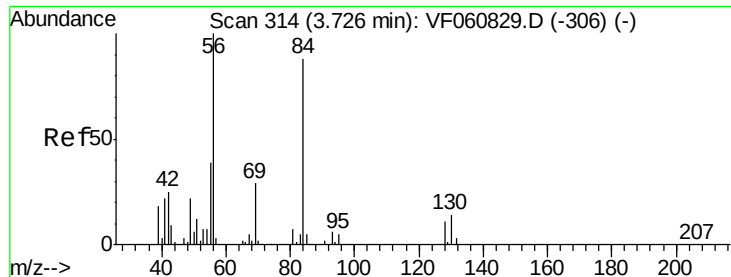
85 64.7 53.4 80.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 22.328 ug/l

RT: 3.71 min Scan# 312

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

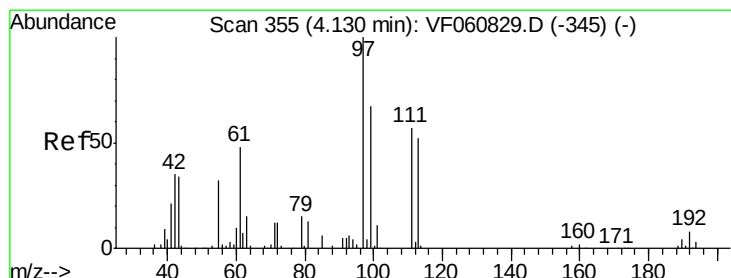
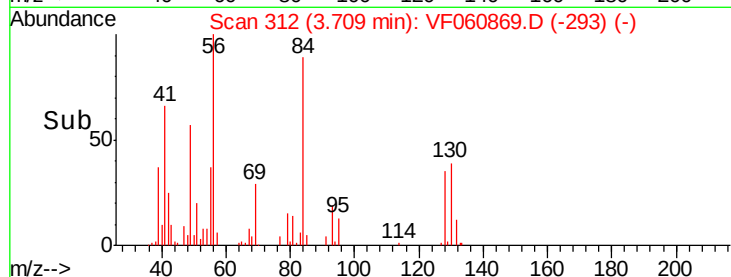
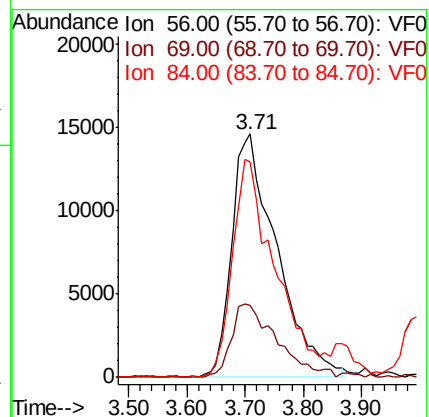
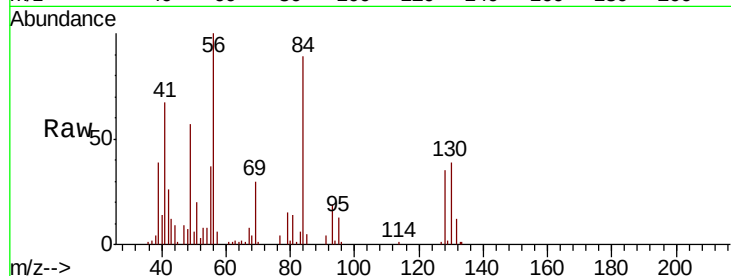
Tot Ion: 56 Resp: 78703

Ion Ratio Lower Upper

56 100

69 29.6 23.0 34.4

84 88.5 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 22.045 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

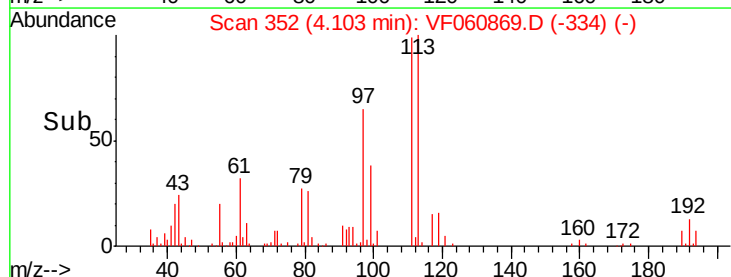
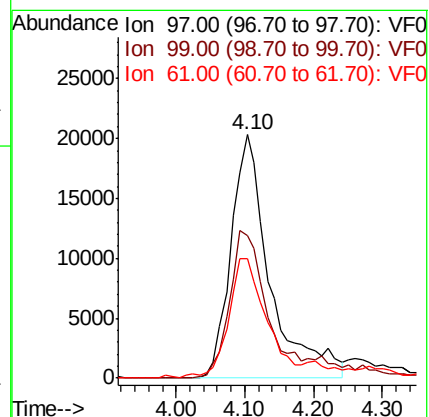
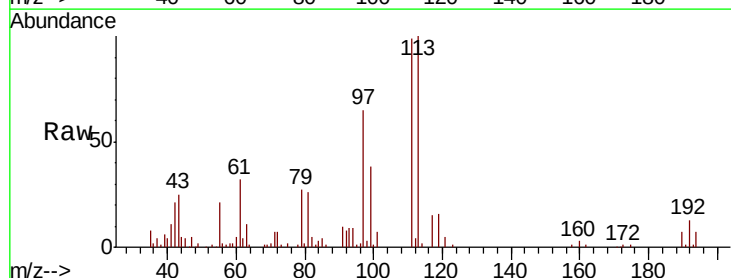
Tgt Ion: 97 Resp: 79918

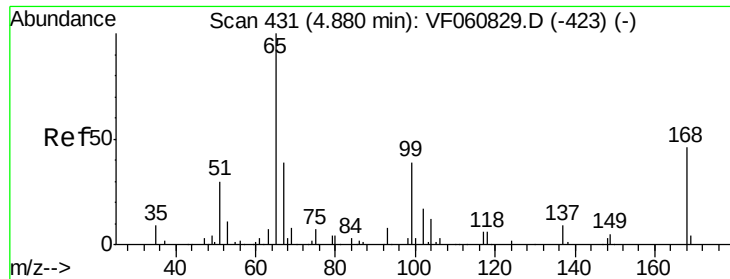
Ion Ratio Lower Upper

97 100

99 58.7 53.5 80.3

61 49.2 38.6 58.0

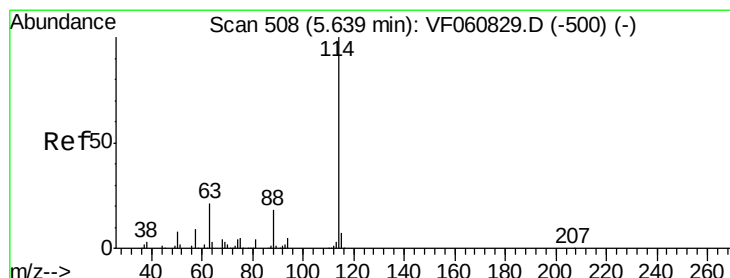
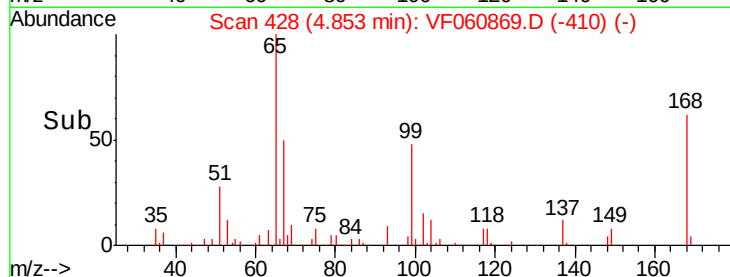
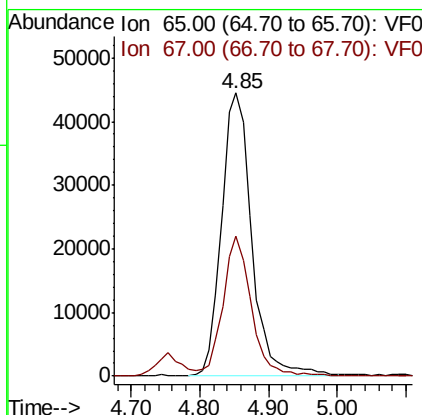
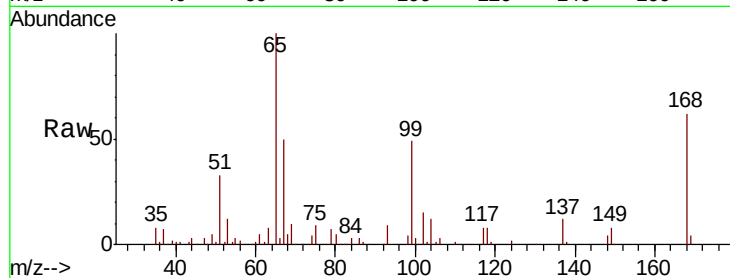




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.131 ug/l  
 RT: 4.85 min Scan# 428  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

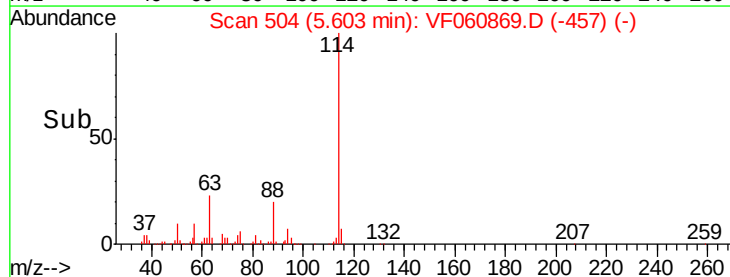
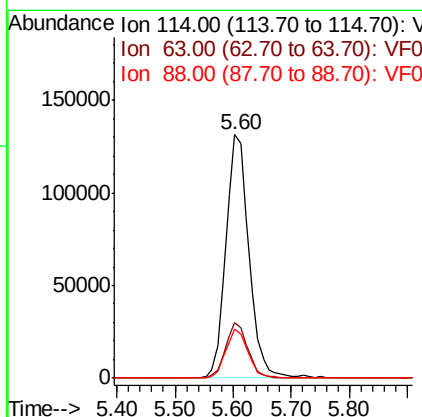
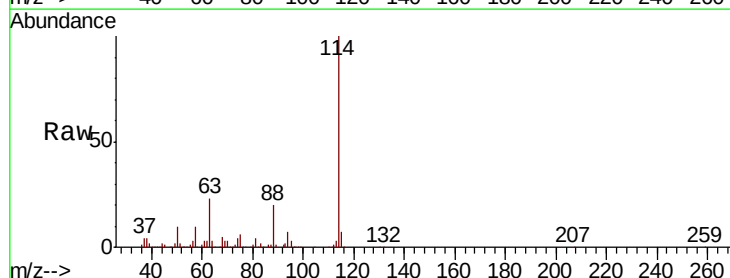
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

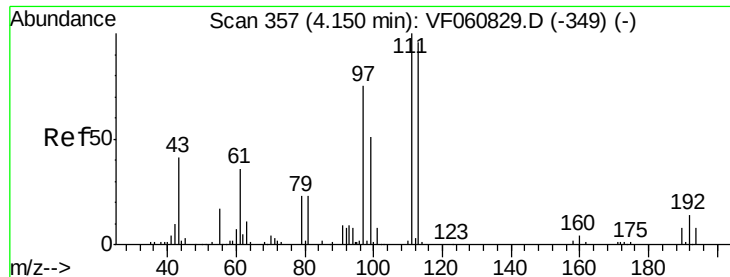
Tot Ion: 65 Resp: 135510  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 96.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.60 min Scan# 504  
 Delta R.T. -0.04 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 114 Resp: 362315  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 41.6  
 88 20.2 0.0 36.6

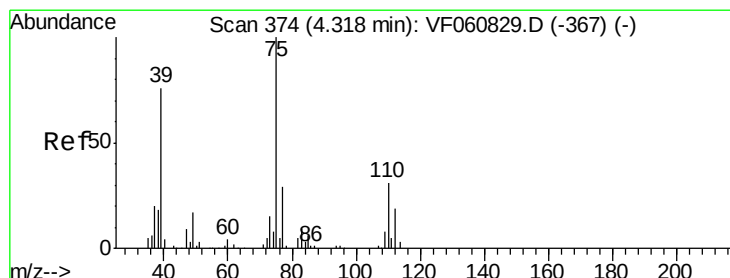
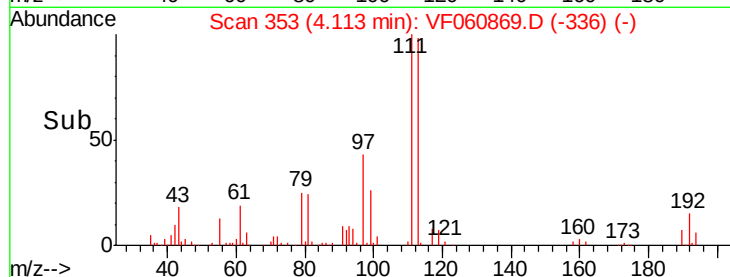
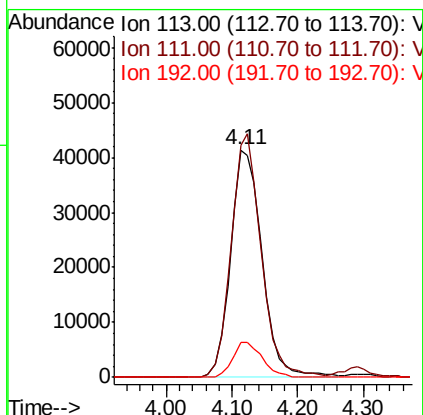
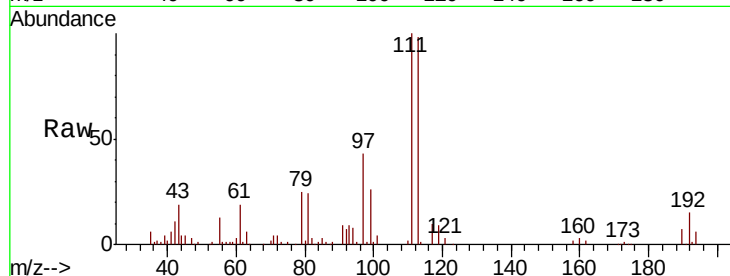




#35  
 Dibromofluoromethane  
 Concen: 48.335 ug/l  
 RT: 4.11 min Scan# 353  
 Delta R.T. -0.04 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

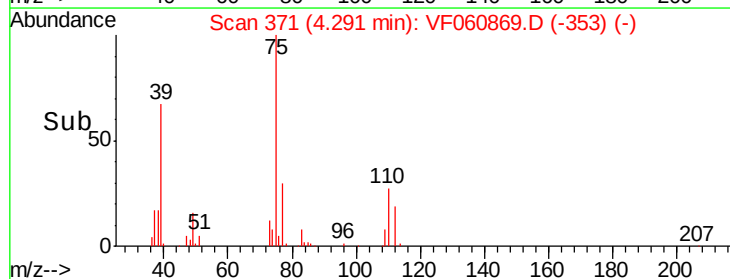
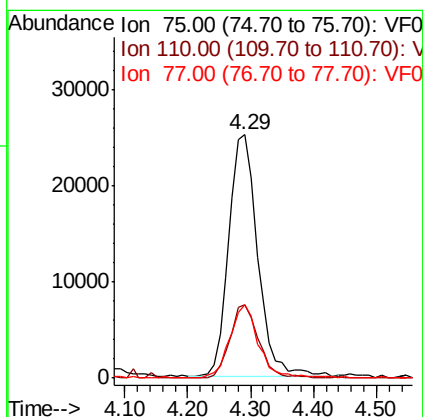
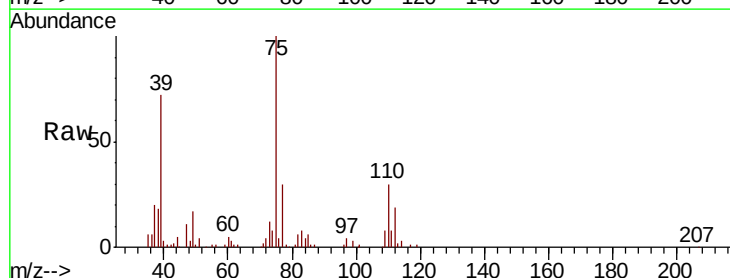
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

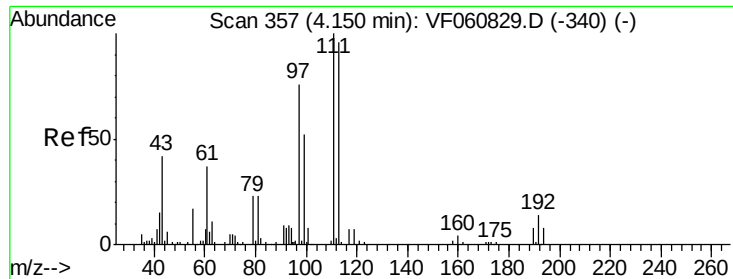
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.1 | 83.0  | 124.6 |
| 192     | 15.6  | 12.3  | 18.5  |



#36  
 1,1-Dichloropropene  
 Concen: 20.023 ug/l  
 RT: 4.29 min Scan# 371  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 30.2  | 15.6  | 46.8  |
| 77      | 30.0  | 23.4  | 35.0  |





#37

Ethyl Acetate

Concen: 21.495 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

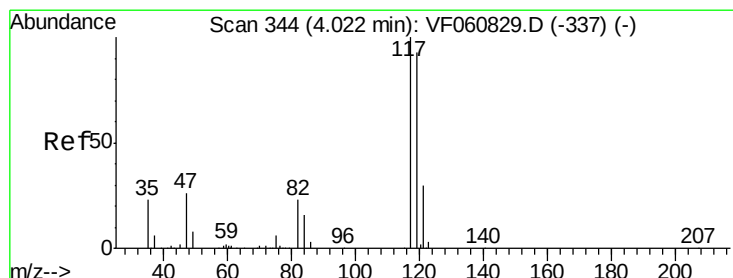
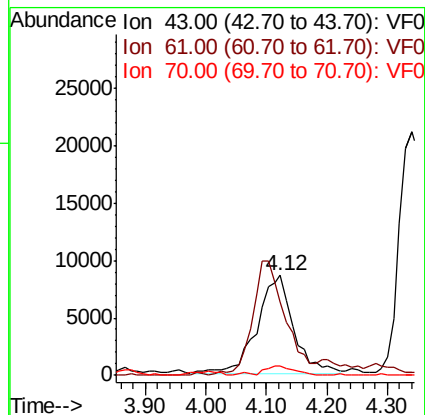
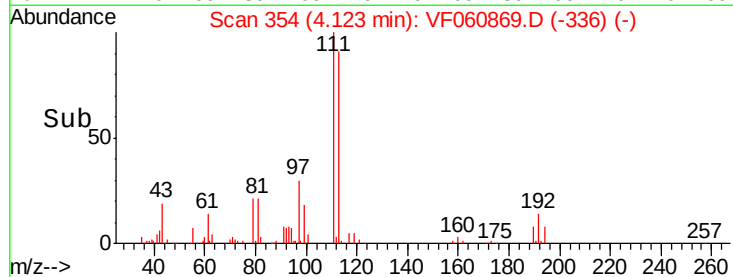
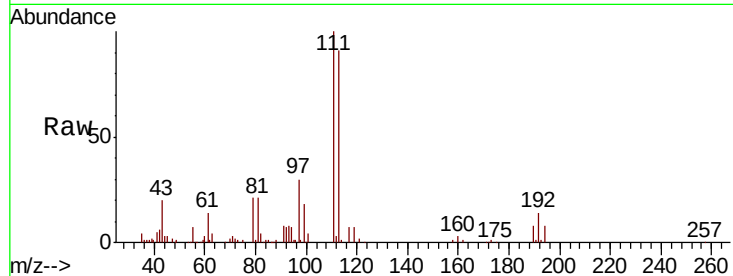
Tot Ion: 43 Resp: 35103

Ion Ratio Lower Upper

43 100

61 73.2 68.6 103.0

70 9.2 9.0 13.4



#38

Carbon Tetrachloride

Concen: 20.274 ug/l

RT: 3.99 min Scan# 341

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

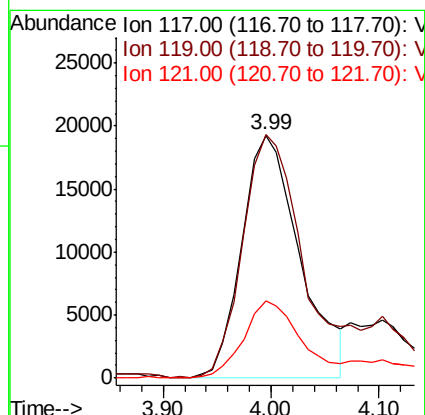
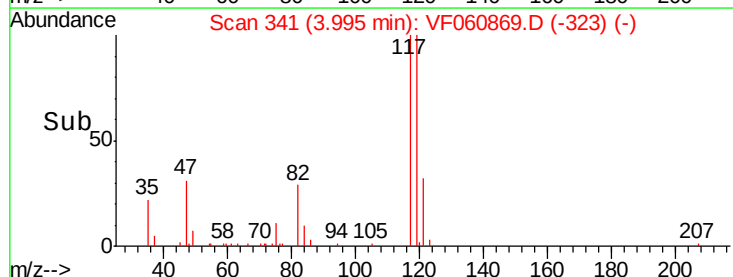
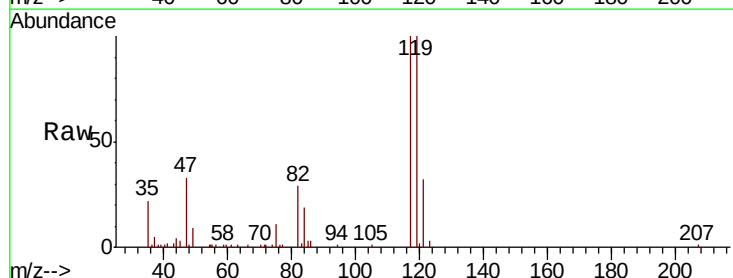
Tgt Ion: 117 Resp: 71962

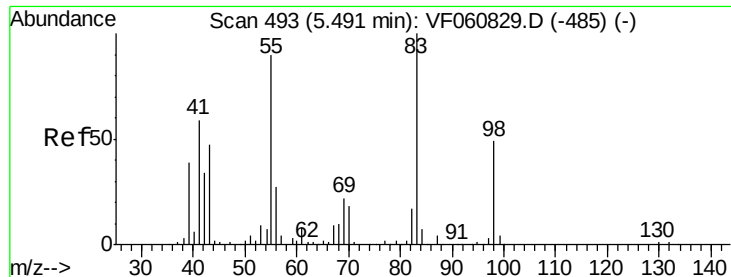
Ion Ratio Lower Upper

117 100

119 100.4 74.4 111.6

121 31.6 23.5 35.3

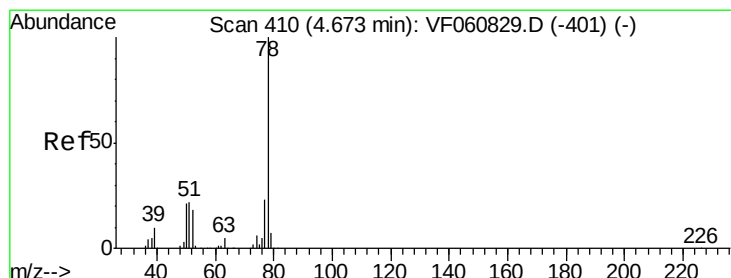
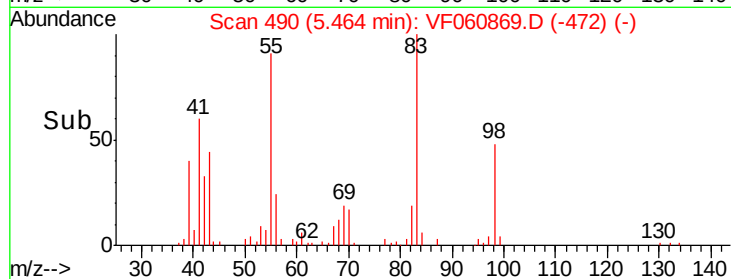
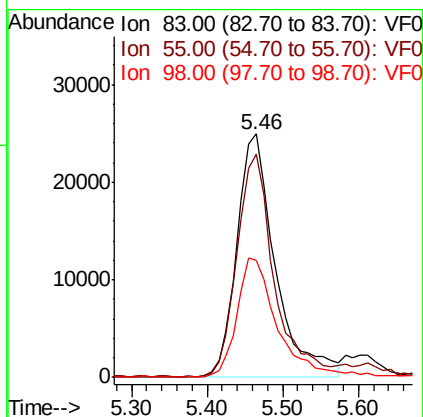
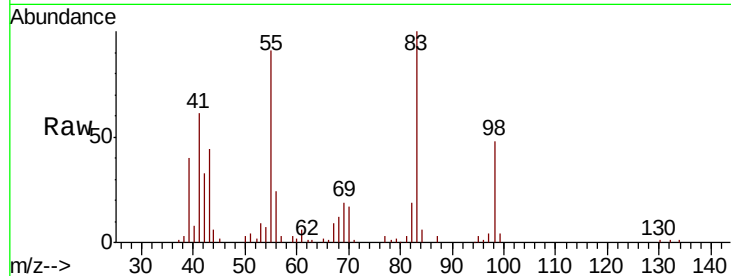




#39  
Methylvlcyclohexane  
Concen: 21.021 ug/l  
RT: 5.46 min Scan# 490  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

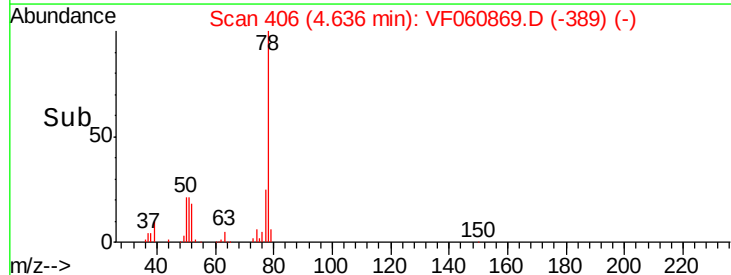
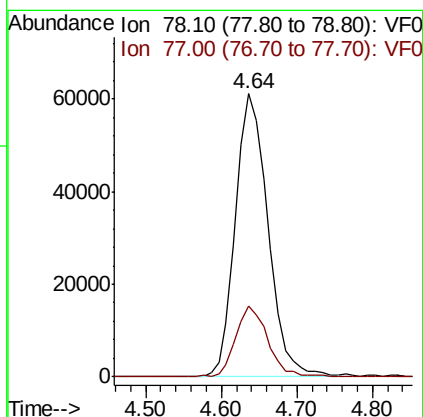
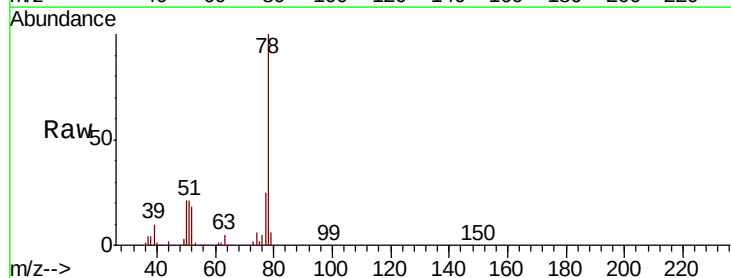
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

Tot Ion: 83 Resp: 88529  
Ion Ratio Lower Upper  
83 100  
55 91.4 72.1 108.1  
98 47.9 39.1 58.7

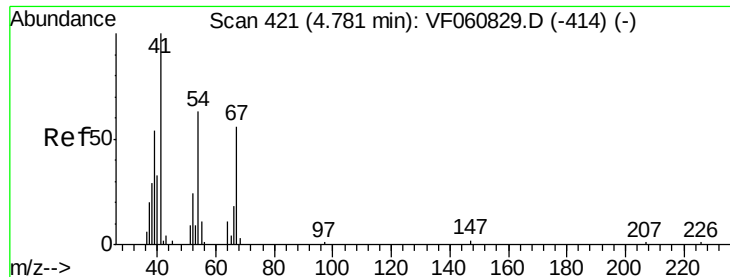


#40  
Benzene  
Concen: 20.630 ug/l  
RT: 4.64 min Scan# 406  
Delta R.T. -0.04 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion: 78 Resp: 183152  
Ion Ratio Lower Upper  
78 100  
77 24.8 18.7 28.1







#41

Methacrylonitrile

Concen: 19.661 ug/l

RT: 4.74 min Scan# 417

Delta R.T. -0.04 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

Tot Ion: 41 Resp: 18614

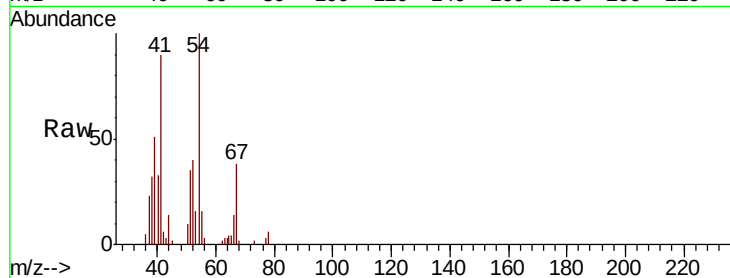
Ion Ratio Lower Upper

41 100

39 56.7 53.0 79.6

67 41.6 43.8 65.6#

52 43.8 37.8 56.8

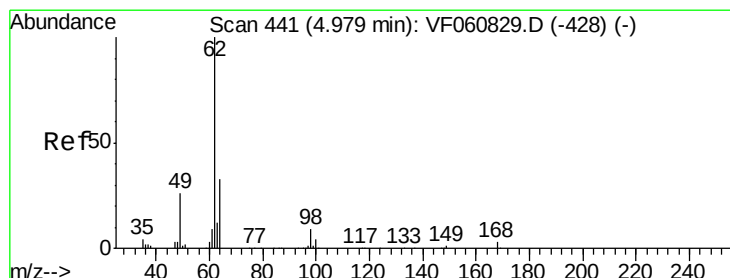
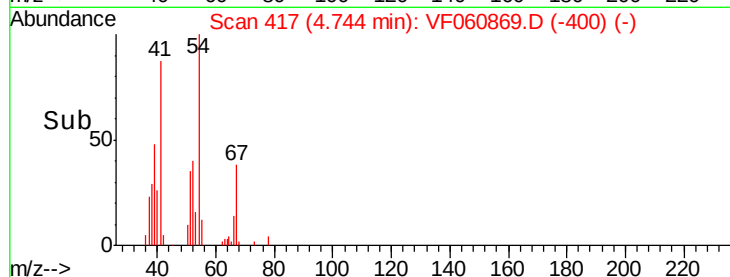
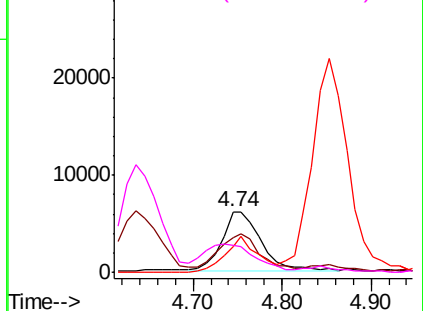


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 20.096 ug/l

RT: 4.95 min Scan# 438

Delta R.T. -0.03 min

Lab File: VF060869.D

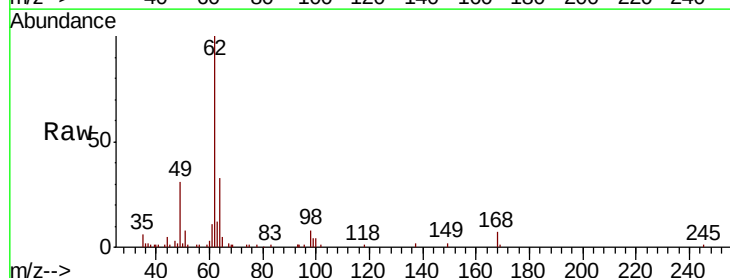
Acq: 29 Nov 2018 16:08

Tgt Ion: 62 Resp: 65136

Ion Ratio Lower Upper

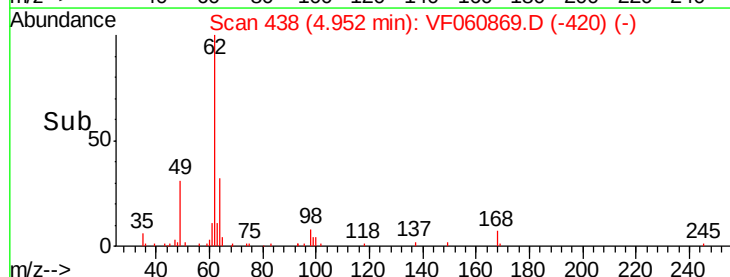
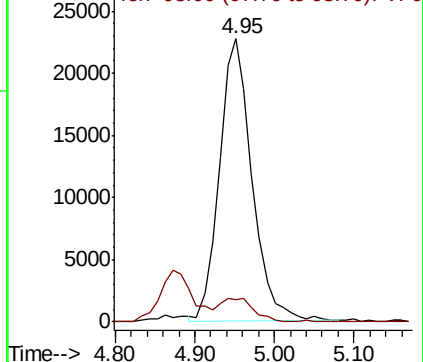
62 100

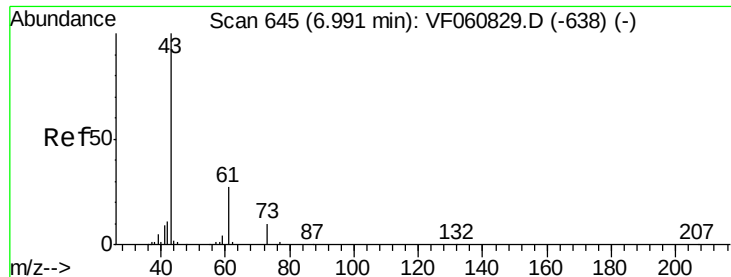
98 7.7 0.0 17.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 19.463 ug/l

RT: 6.96 min Scan# 642

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBSD01

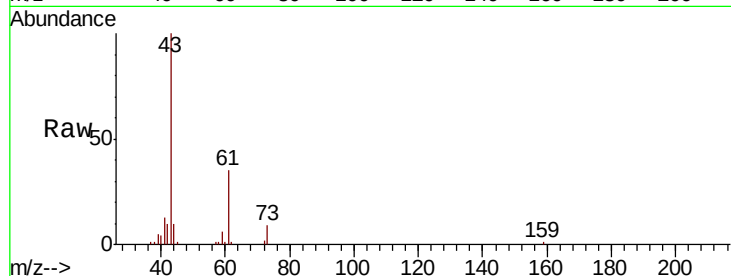
Tot Ion: 43 Resp: 42564

Ion Ratio Lower Upper

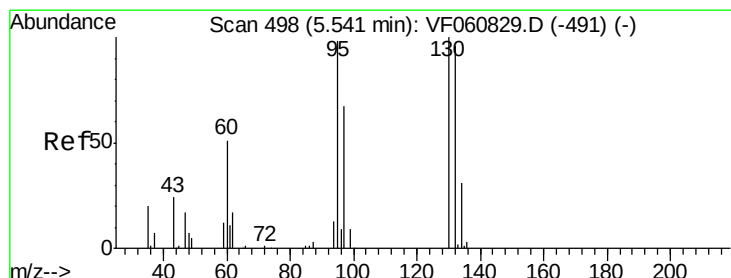
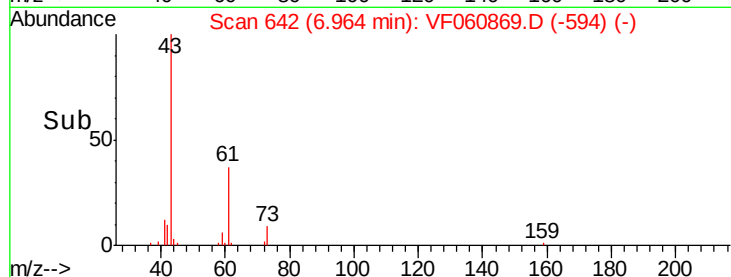
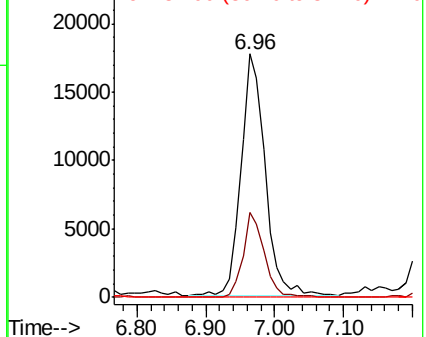
43 100

61 34.6 21.4 32.0#

87 0.0 0.2 0.4#



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: 20.293 ug/l

RT: 5.51 min Scan# 495

Delta R.T. -0.03 min

Lab File: VF060869.D

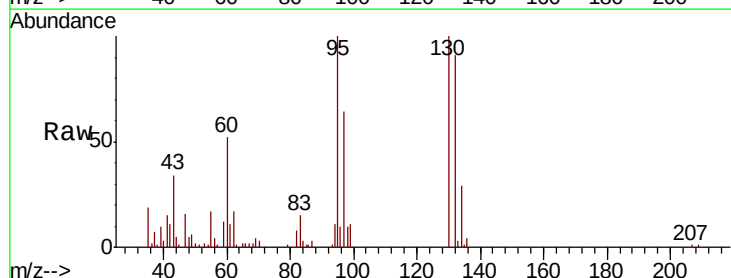
Acq: 29 Nov 2018 16:08

Tgt Ion:130 Resp: 58907

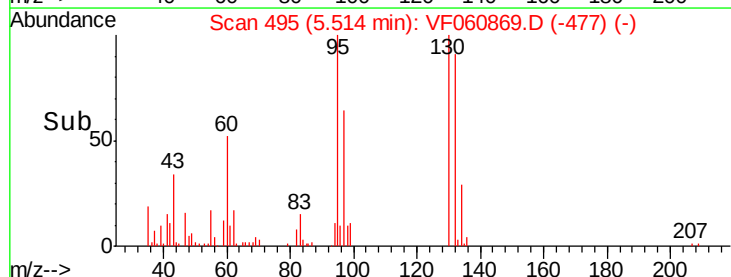
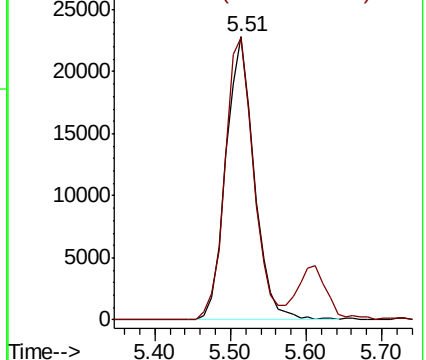
Ion Ratio Lower Upper

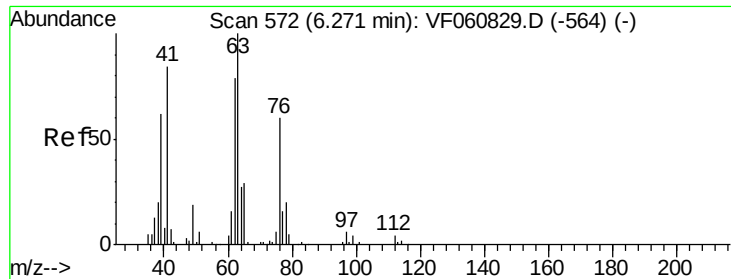
130 100

95 99.8 0.0 195.6



Abundance Ion 129.90 (129.60 to 130.60): V  
Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 20.715 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

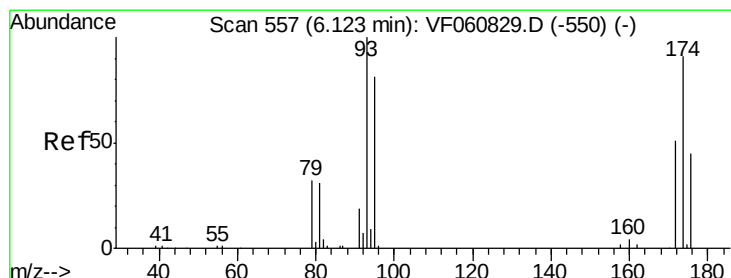
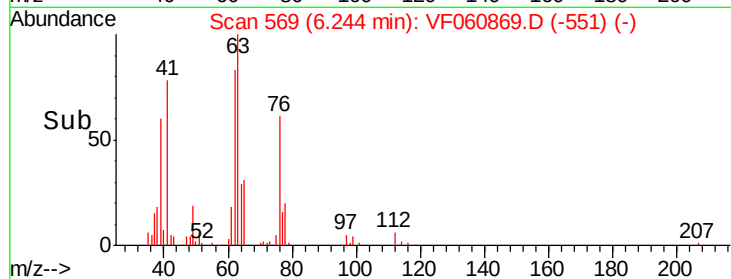
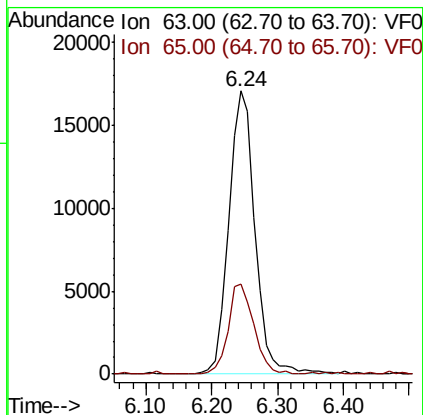
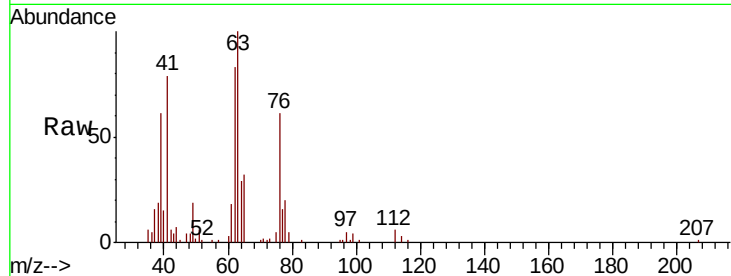
VF1129SBS01

Tot Ion: 63 Resp: 47763

Ion Ratio Lower Upper

63 100

65 31.9 23.2 34.8



#46

Dibromomethane

Concen: 20.963 ug/l

RT: 6.10 min Scan# 554

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

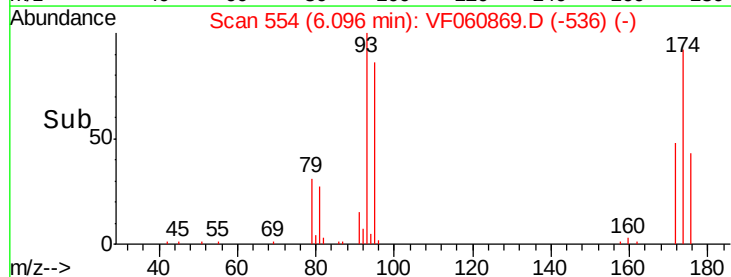
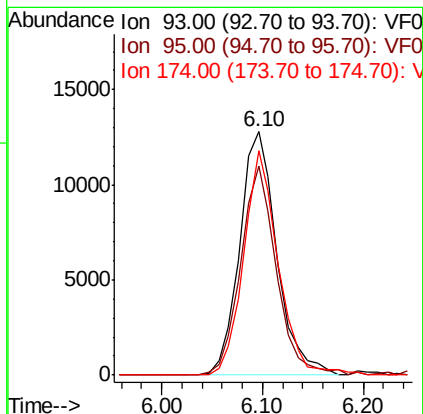
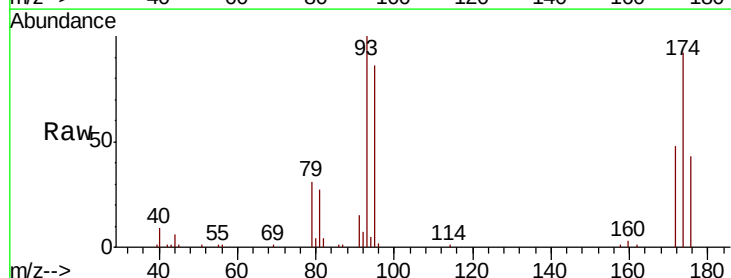
Tgt Ion: 93 Resp: 32789

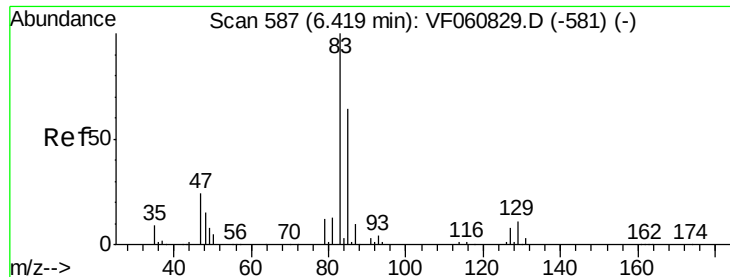
Ion Ratio Lower Upper

93 100

95 85.9 64.7 97.1

174 92.0 73.0 109.6





#47

Bromodichloromethane

Concen: 20.331 ug/l

RT: 6.39 min Scan# 584

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

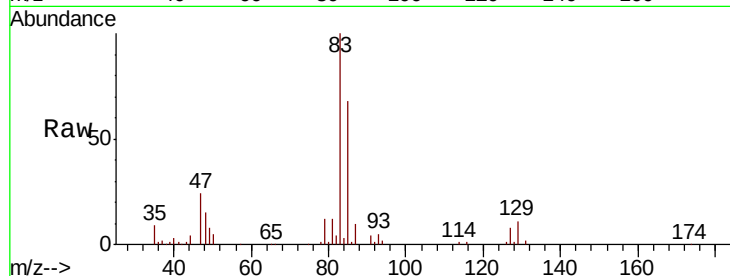
Tot Ion: 83 Resp: 84462

Ion Ratio Lower Upper

83 100

85 68.4 51.1 76.7

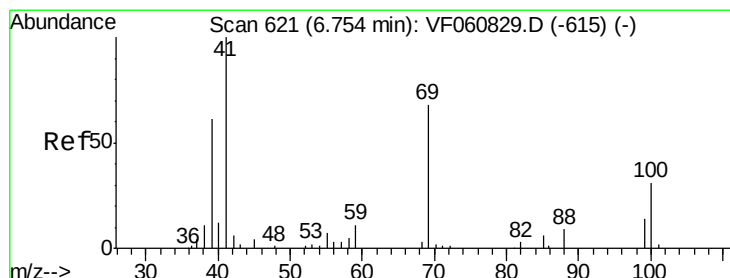
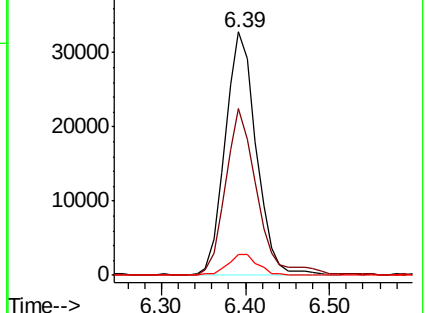
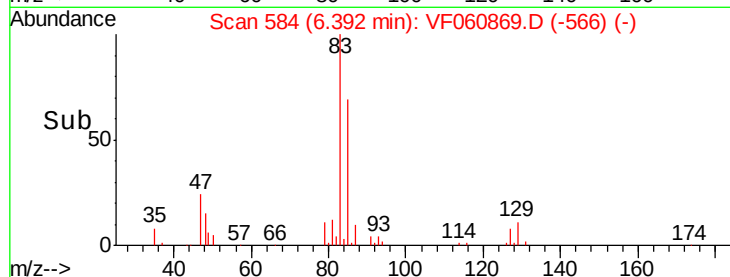
127 8.4 6.8 10.2



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: 20.393 ug/l

RT: 6.73 min Scan# 618

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

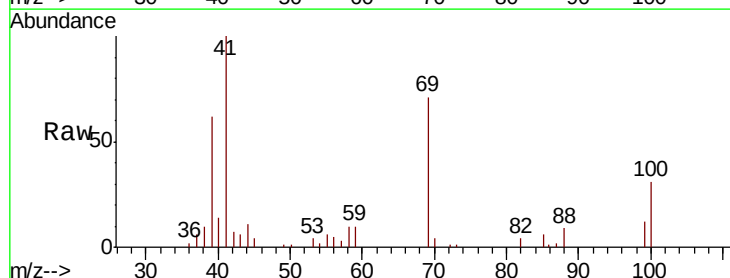
Tgt Ion: 41 Resp: 30145

Ion Ratio Lower Upper

41 100

69 70.8 53.9 80.9

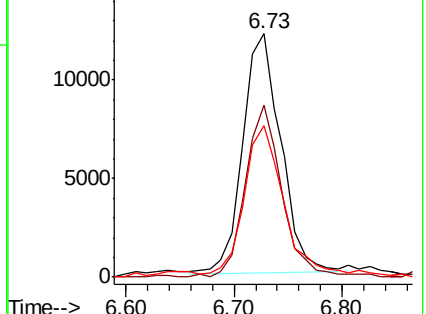
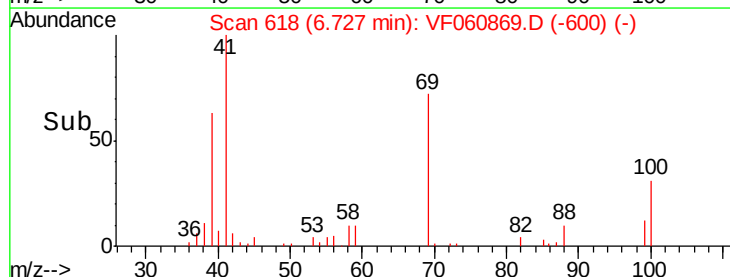
39 62.2 49.0 73.6

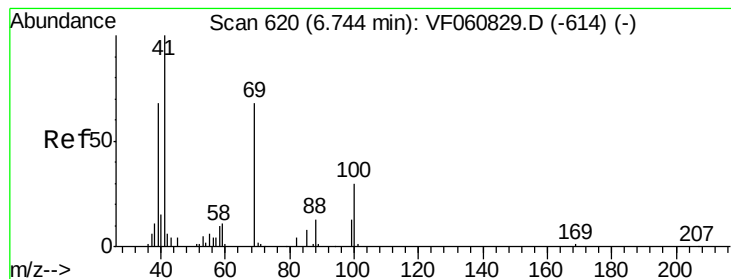


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 418.166 ug/l

RT: 6.72 min Scan# 617

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

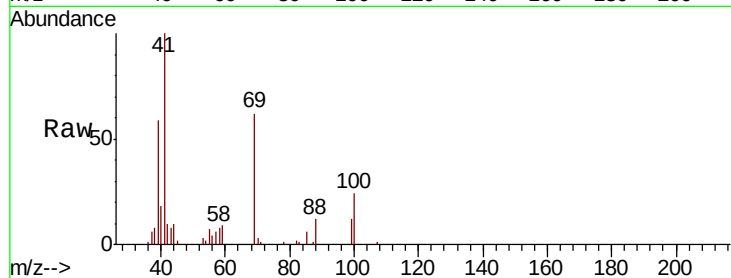
Tot Ion: 88 Resp: 4524

Ion Ratio Lower Upper

88 100

43 62.4 42.0 63.0

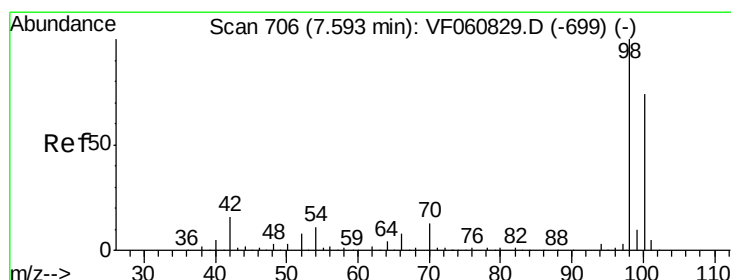
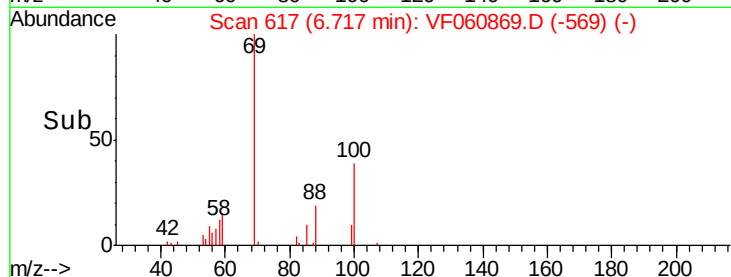
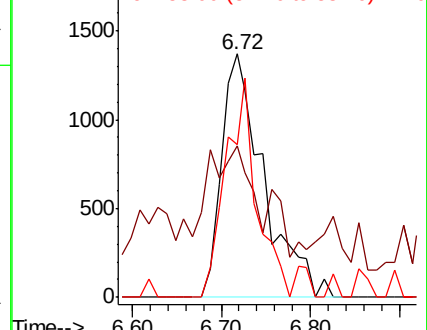
58 62.6 61.8 92.8



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: 47.216 ug/l

RT: 7.57 min Scan# 703

Delta R.T. -0.03 min

Lab File: VF060869.D

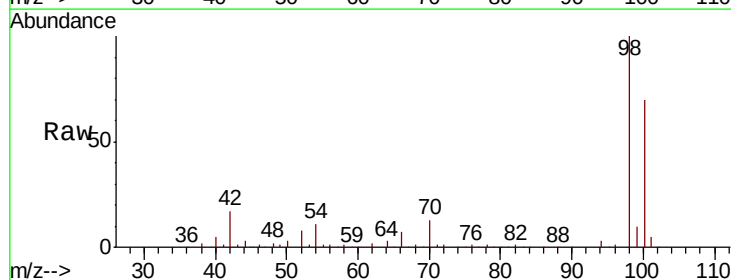
Acq: 29 Nov 2018 16:08

Tgt Ion: 98 Resp: 399778

Ion Ratio Lower Upper

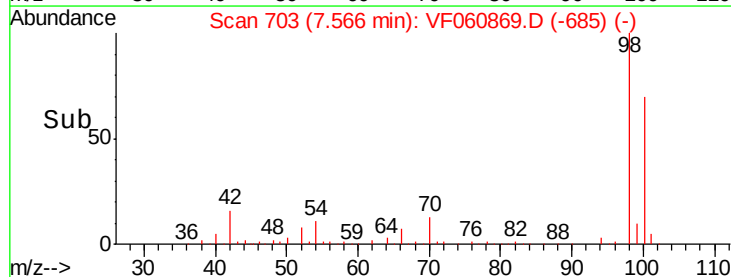
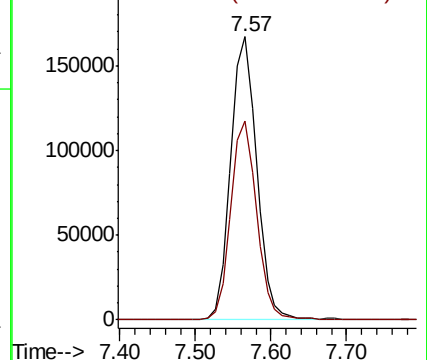
98 100

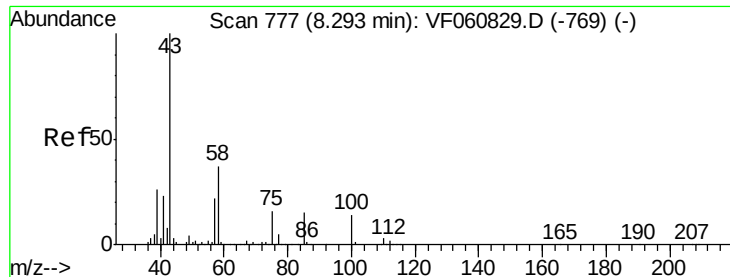
100 70.3 59.3 88.9



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: 107.960 ug/l

RT: 8.27 min Scan# 774

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

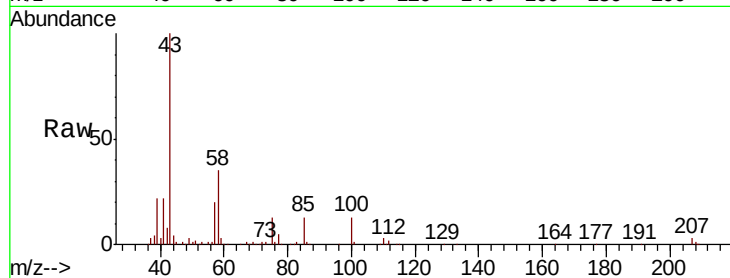
VF1129SBS01

Tot Ion: 43 Resp: 162584

Ion Ratio Lower Upper

43 100

58 35.0 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.27

80000

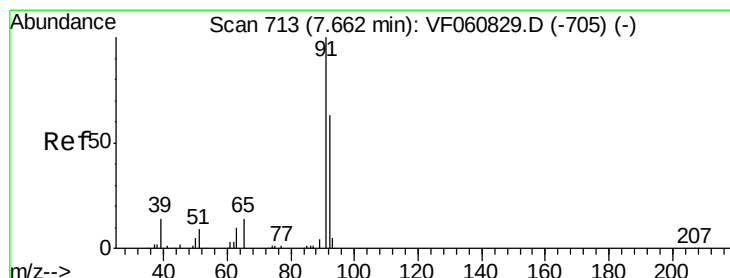
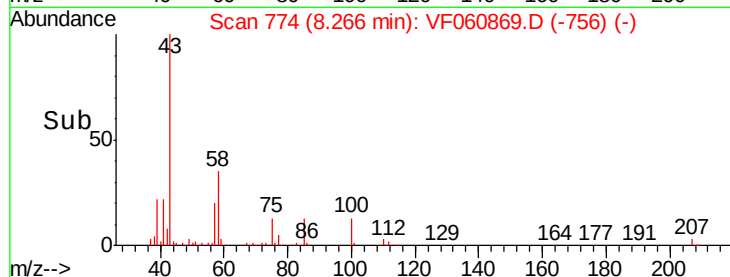
60000

40000

20000

0

Time--> 8.10 8.20 8.30 8.40



#52

Toluene

Concen: 19.029 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.03 min

Lab File: VF060869.D

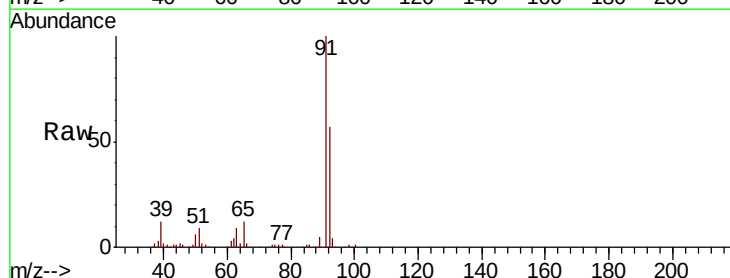
Acq: 29 Nov 2018 16:08

Tgt Ion: 92 Resp: 118664

Ion Ratio Lower Upper

92 100

91 174.5 126.2 189.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.63

100000

80000

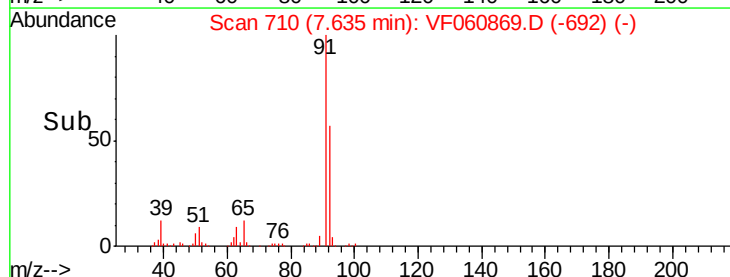
60000

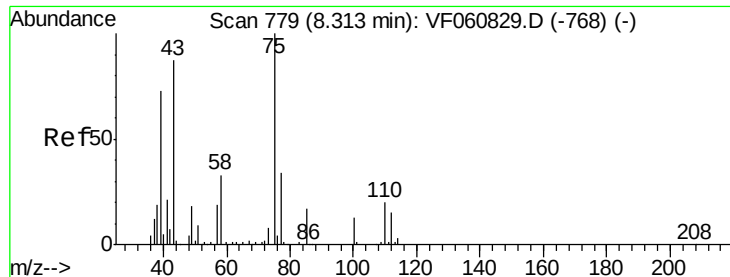
40000

20000

0

Time--> 7.50 7.60 7.70





#53

t-1,3-Dichloropropene

Concen: 19.890 ug/l

RT: 8.29 min Scan# 776

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

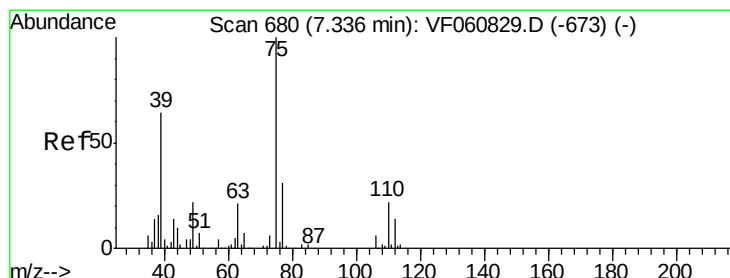
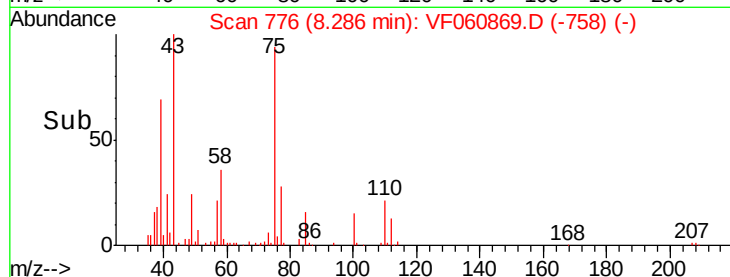
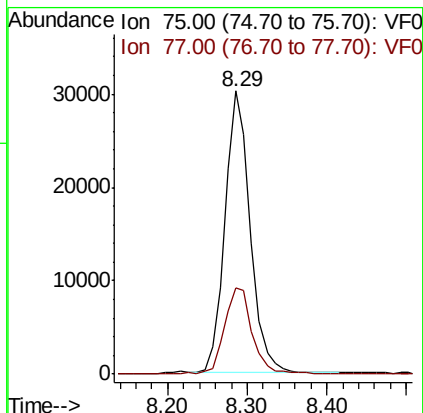
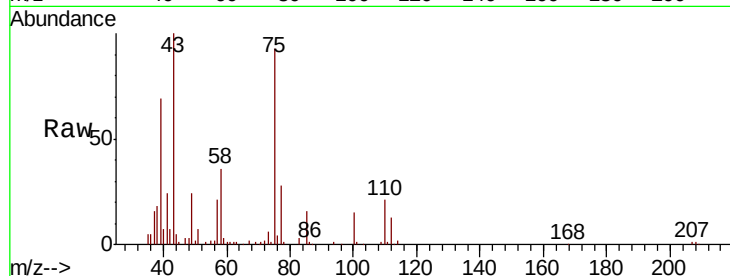
VF1129SBS01

Tot Ion: 75 Resp: 67213

Ion Ratio Lower Upper

75 100

77 30.4 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 21.041 ug/l

RT: 7.31 min Scan# 677

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

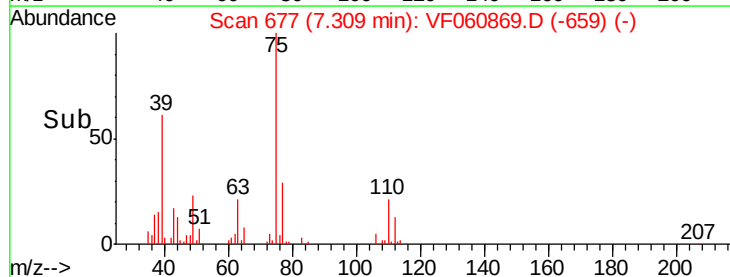
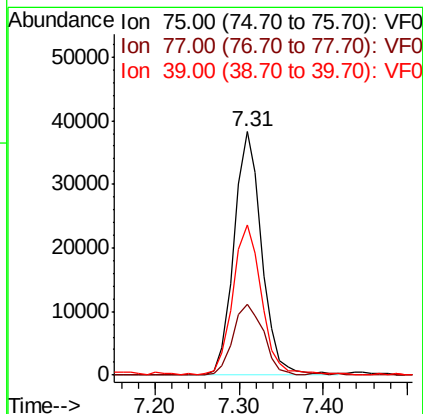
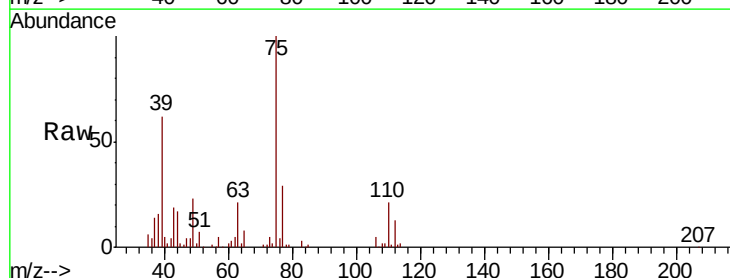
Tgt Ion: 75 Resp: 88022

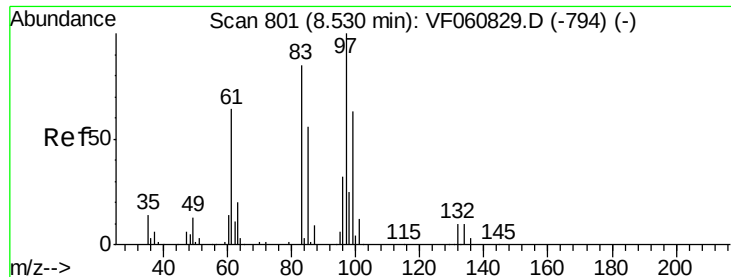
Ion Ratio Lower Upper

75 100

77 29.2 25.0 37.6

39 61.9 51.1 76.7





#55

1,1,2-Trichloroethane

Concen: 20.128 ug/l

RT: 8.50 min Scan# 798

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

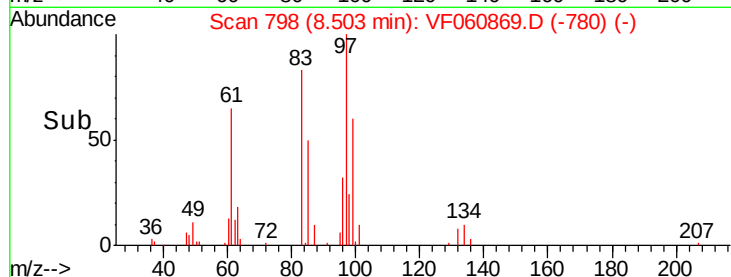
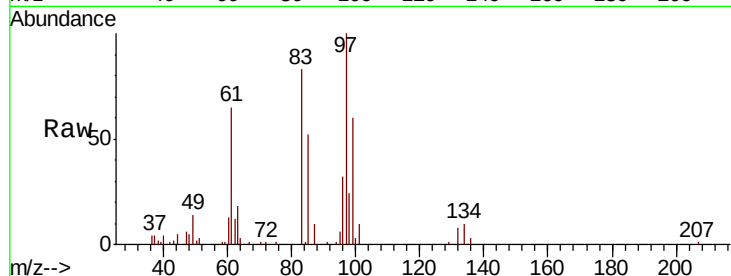
MSVOA\_F

ClientSampleId :

VF1129SBS01

Tot Ion: 97 Resp: 36575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.6  | 67.8  | 101.6 |
| 85  | 52.0  | 45.0  | 67.6  |
| 99  | 59.6  | 50.5  | 75.7  |

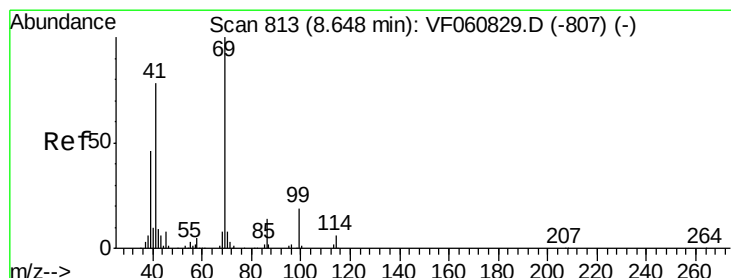


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 18.922 ug/l

RT: 8.63 min Scan# 811

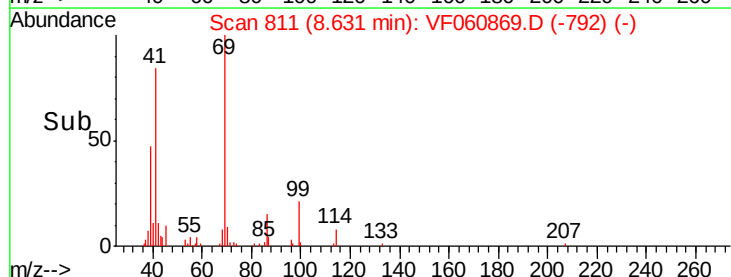
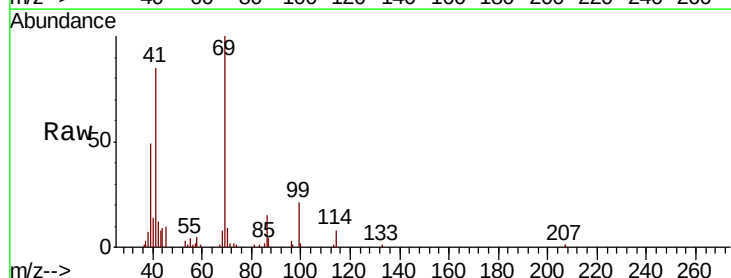
Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Tgt Ion: 69 Resp: 38195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 85.1  | 62.6  | 94.0  |
| 39  | 49.2  | 37.8  | 56.6  |

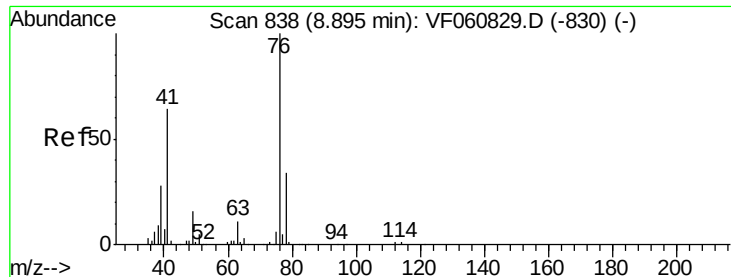


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

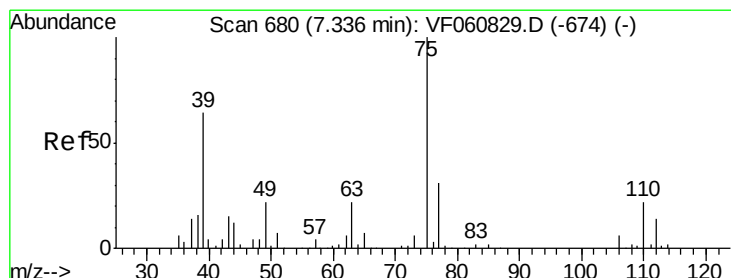
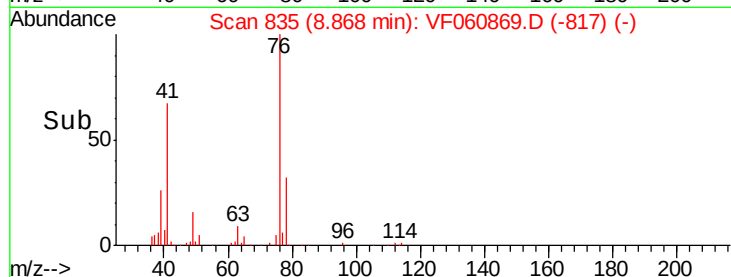
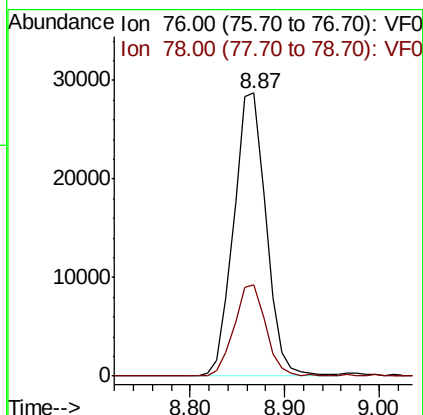
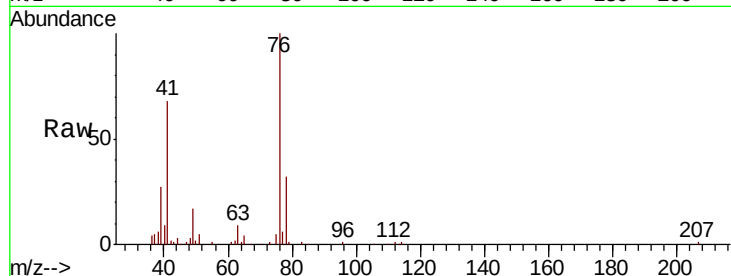




#57  
 1,3-Dichloropropane  
 Concen: 21.482 ug/l  
 RT: 8.87 min Scan# 835  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

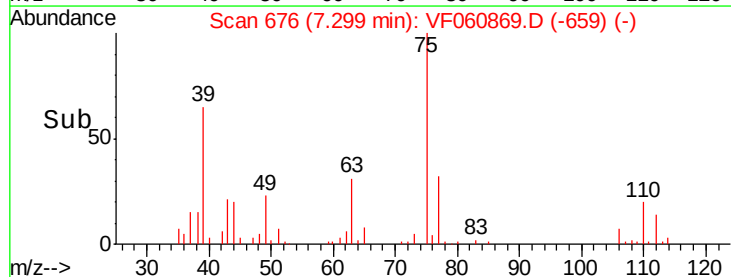
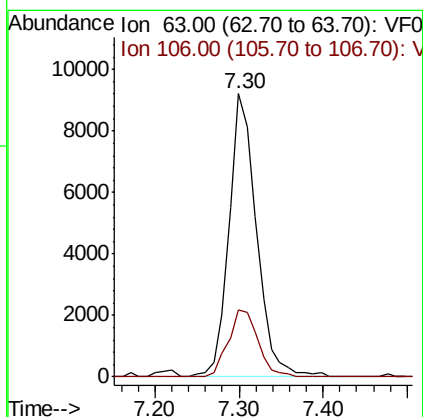
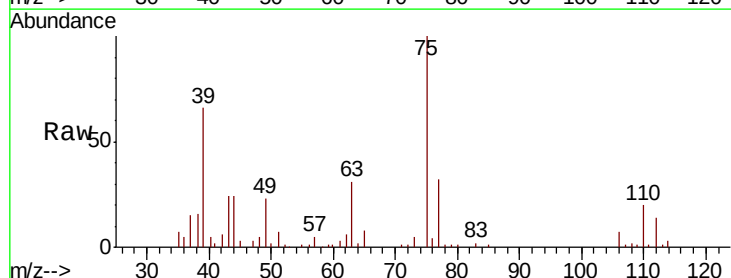
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

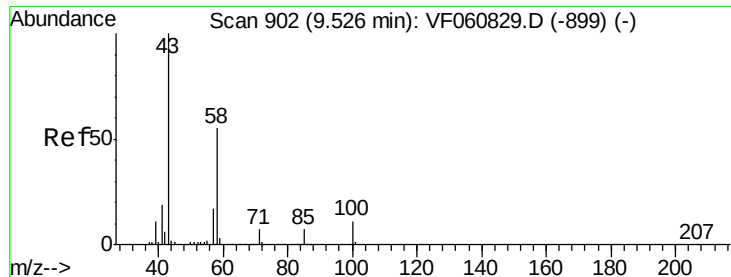
Tot Ion: 76 Resp: 68295  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 27.0 40.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.738 ug/l  
 RT: 7.30 min Scan# 676  
 Delta R.T. -0.04 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 63 Resp: 21006  
 Ion Ratio Lower Upper  
 63 100  
 106 23.6 23.0 34.6

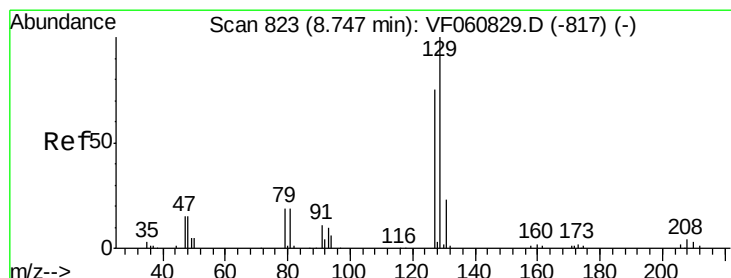
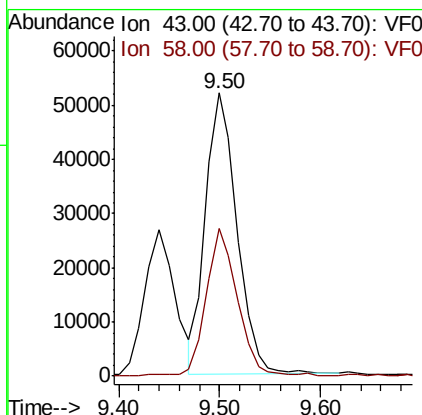
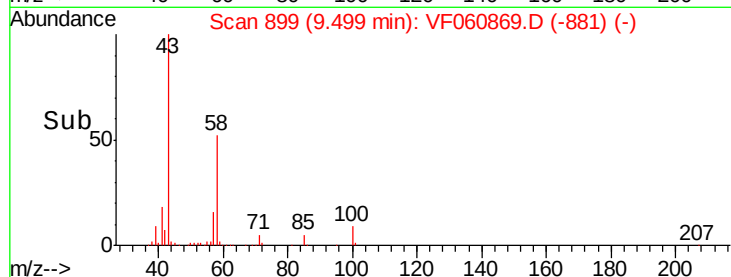
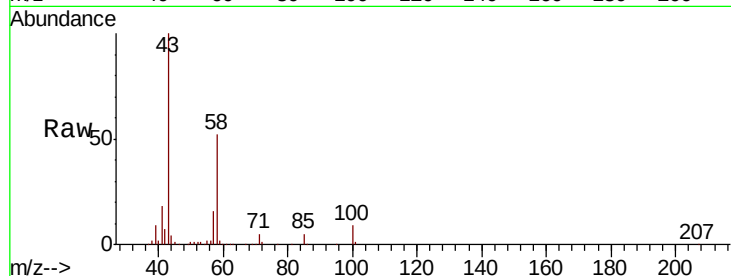




#59  
2-Hexanone  
Concen: 107.335 ug/l  
RT: 9.50 min Scan# 899  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

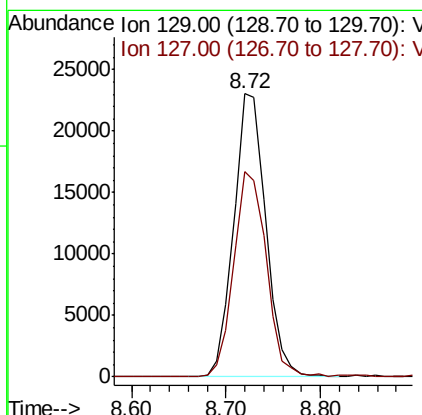
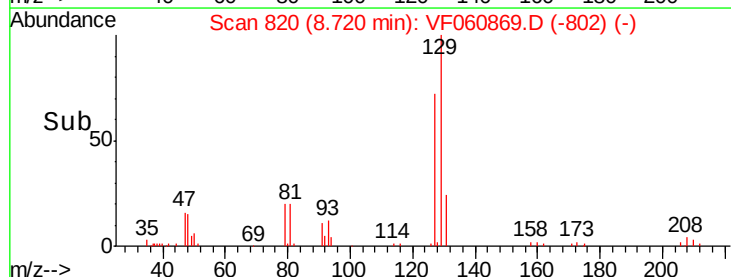
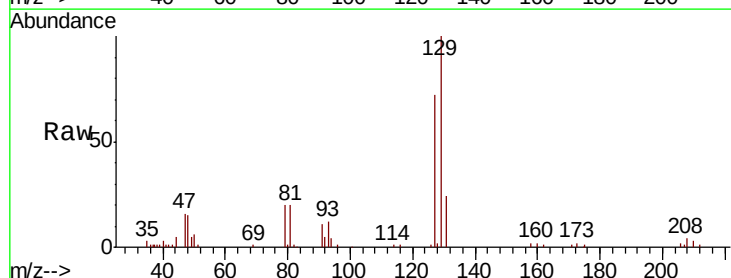
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

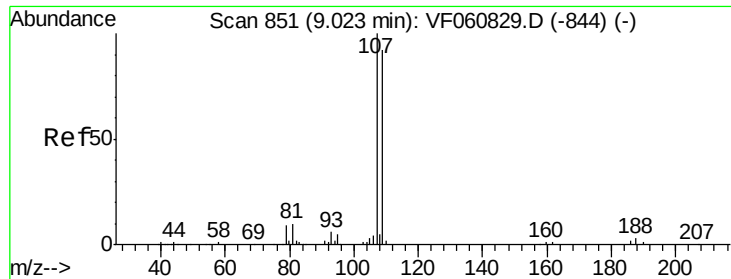
Tot Ion: 43 Resp: 113402  
Ion Ratio Lower Upper  
43 100  
58 52.3 25.6 76.6



#60  
Dibromochloromethane  
Concen: 19.991 ug/l  
RT: 8.72 min Scan# 820  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion: 129 Resp: 54125  
Ion Ratio Lower Upper  
129 100  
127 72.3 37.3 111.9





#61

1,2-Dibromoethane

Concen: 18.908 ug/l

RT: 9.00 min Scan# 848

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

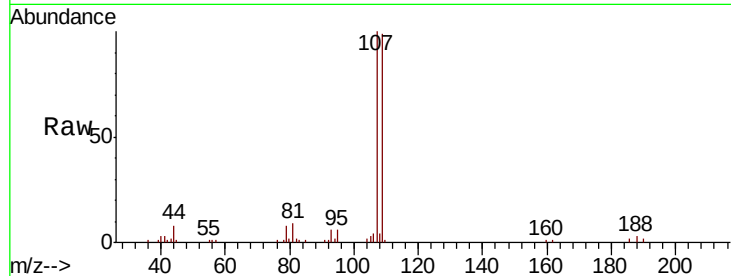
VF1129SBS01

Tot Ion:107 Resp: 37116

Ion Ratio Lower Upper

107 100

109 99.0 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V

20000 Ion 109.00 (108.70 to 109.70): V

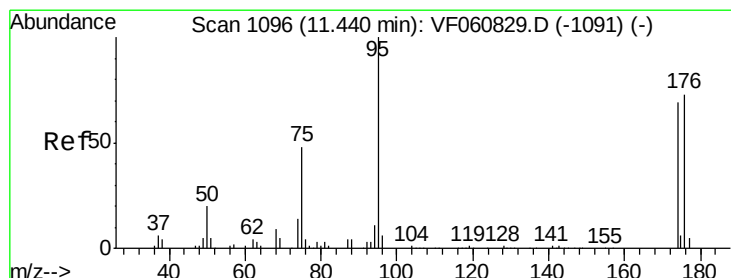
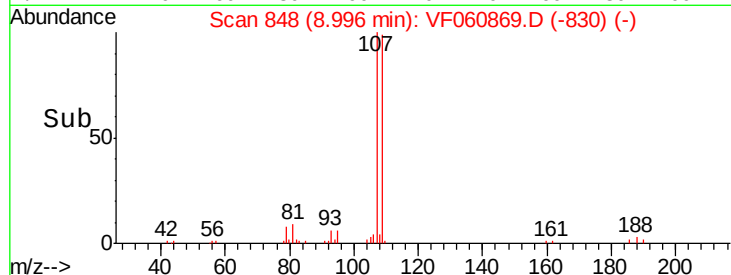
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.190 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

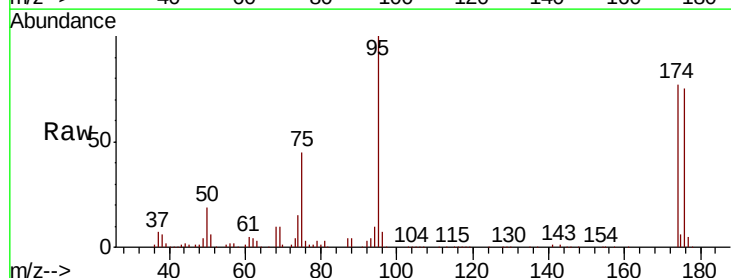
Tgt Ion: 95 Resp: 189289

Ion Ratio Lower Upper

95 100

174 76.7 0.0 138.2

176 74.8 0.0 146.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

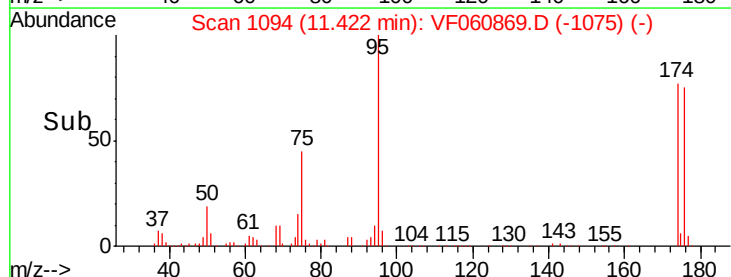
Ion 176.00 (175.70 to 176.70): V

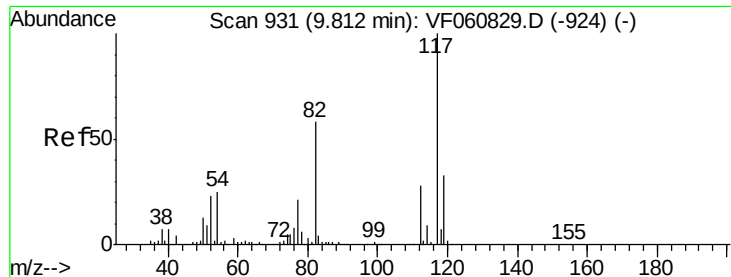
100000

50000

0

Time-->

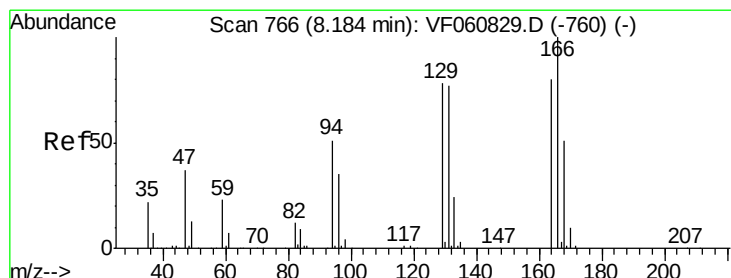
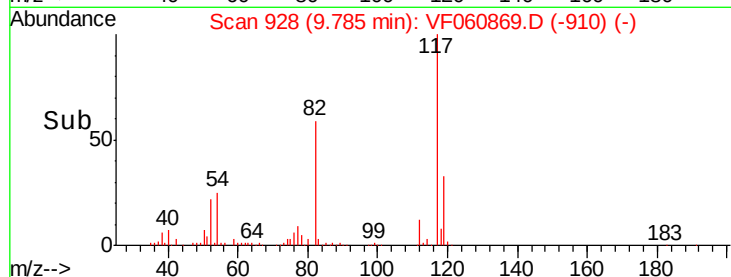
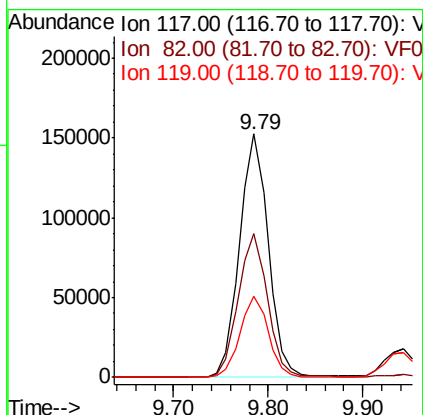
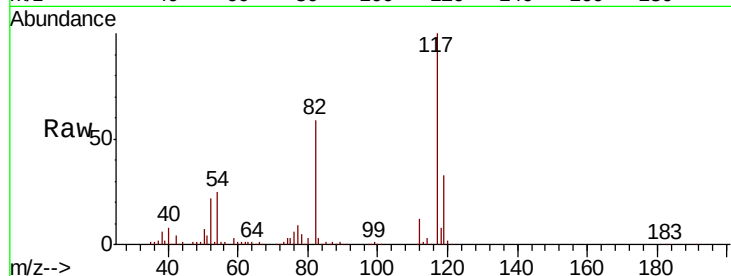




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.79 min Scan# 928  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

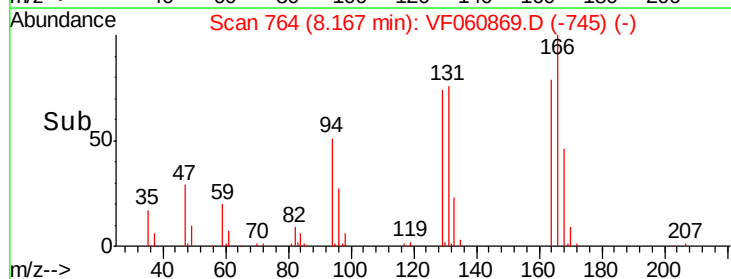
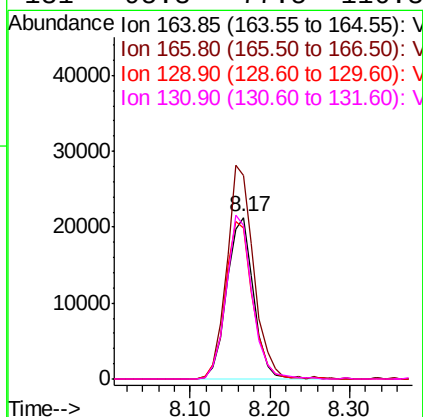
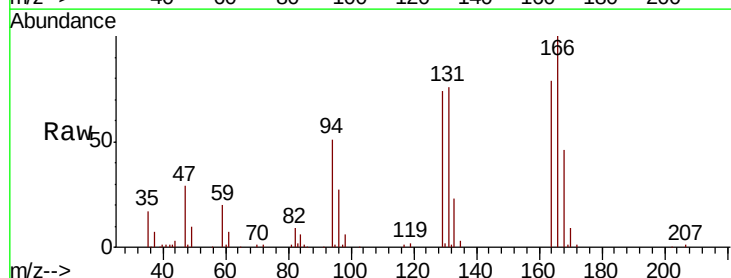
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

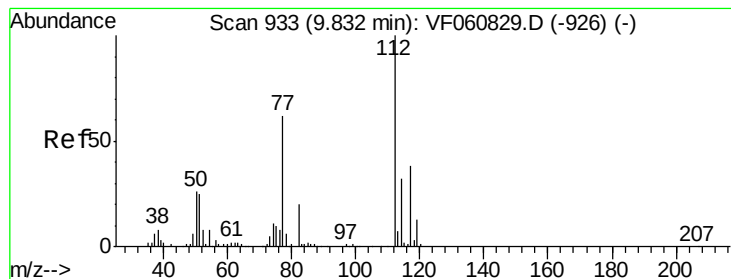
Tot Ion:117 Resp: 322889  
Ion Ratio Lower Upper  
117 100  
82 59.0 46.6 69.8  
119 33.2 26.4 39.6



#64  
Tetrachloroethene  
Concen: 20.363 ug/l  
RT: 8.17 min Scan# 764  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion:164 Resp: 50220  
Ion Ratio Lower Upper  
164 100  
166 126.1 100.3 150.5  
129 93.2 77.9 116.9  
131 95.3 77.5 116.3





#65

Chlorobenzene

Concen: 20.861 ug/l

RT: 9.80 min Scan# 930

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

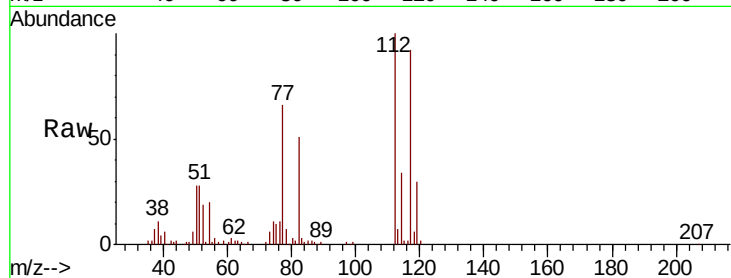
VF1129SBSD01

Tot Ion:112 Resp: 131034

Ion Ratio Lower Upper

112 100

114 33.6 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

60000

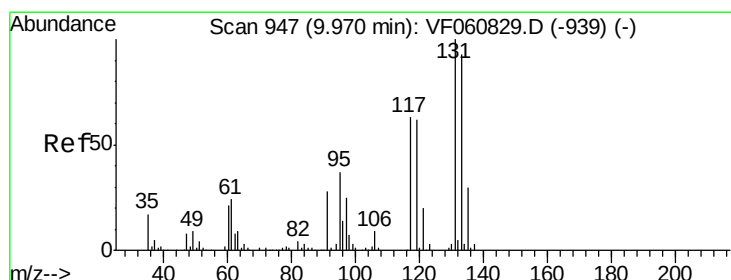
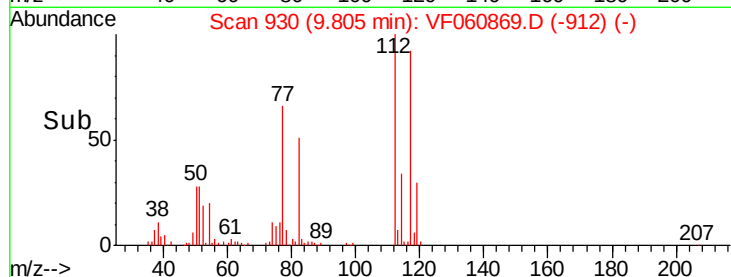
40000

20000

0

9.70 9.80 9.90

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.468 ug/l

RT: 9.94 min Scan# 944

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

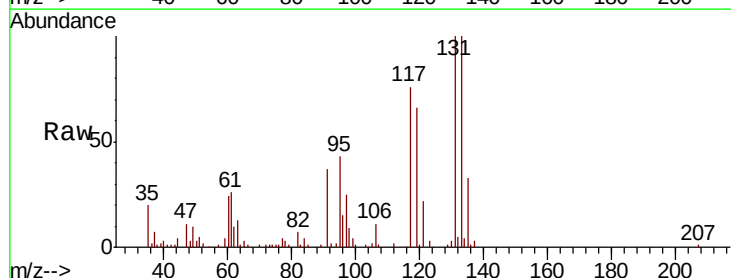
Tgt Ion:131 Resp: 55271

Ion Ratio Lower Upper

131 100

133 99.9 46.5 139.3

119 66.2 31.1 93.3



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

30000

25000

20000

15000

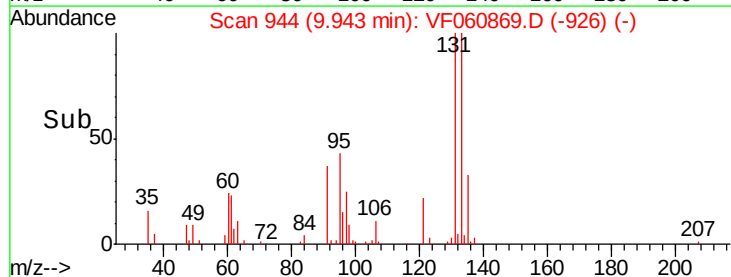
10000

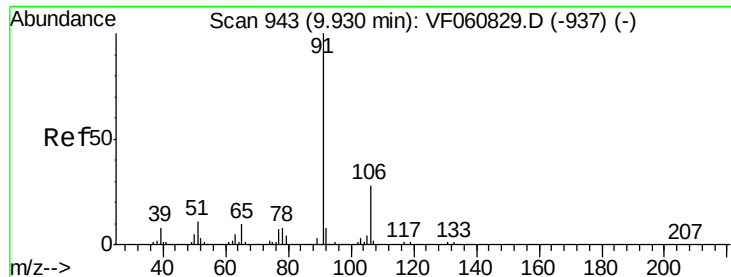
5000

0

9.80 9.90 10.00

Time-->





#67

Ethyl Benzene

Concen: 21.239 ug/l

RT: 9.90 min Scan# 940

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

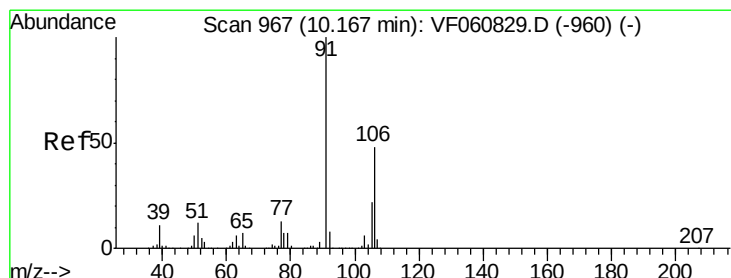
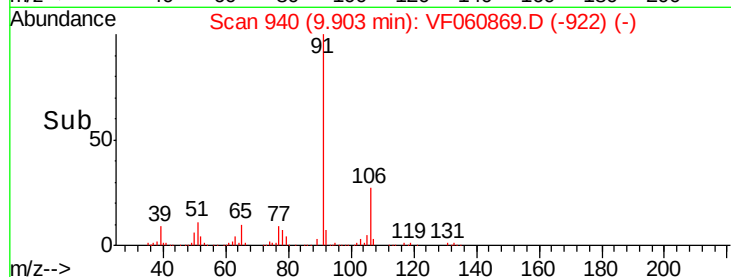
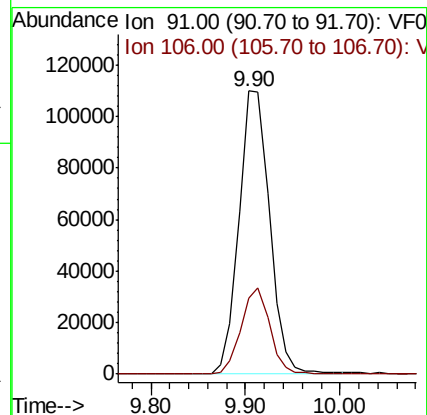
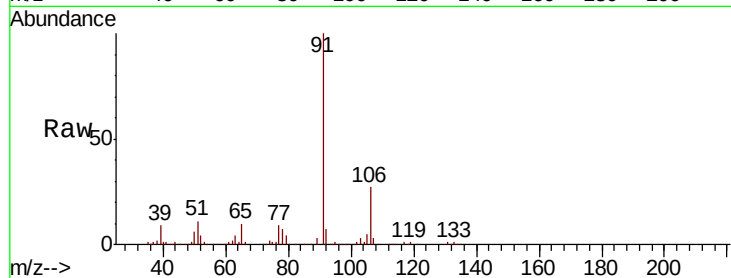
VF1129SBS01

Tot Ion: 91 Resp: 248375

Ion Ratio Lower Upper

91 100

106 26.8 22.2 33.2



#68

m/p-Xylenes

Concen: 43.502 ug/l

RT: 10.14 min Scan# 964

Delta R.T. -0.03 min

Lab File: VF060869.D

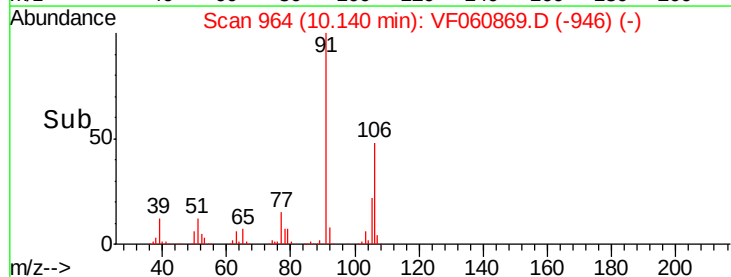
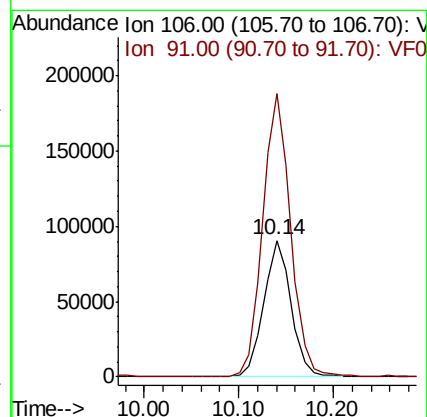
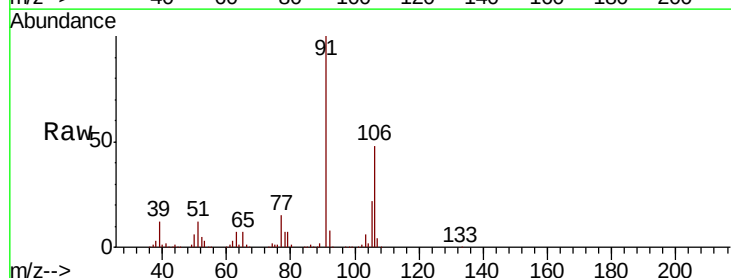
Acq: 29 Nov 2018 16:08

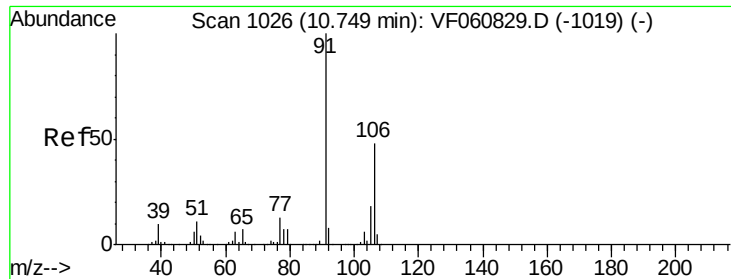
Tgt Ion: 106 Resp: 182966

Ion Ratio Lower Upper

106 100

91 207.0 166.7 250.1

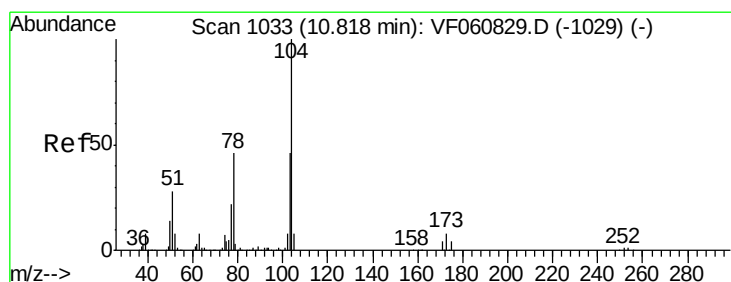
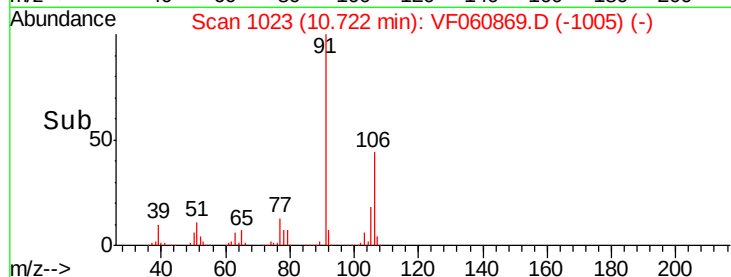
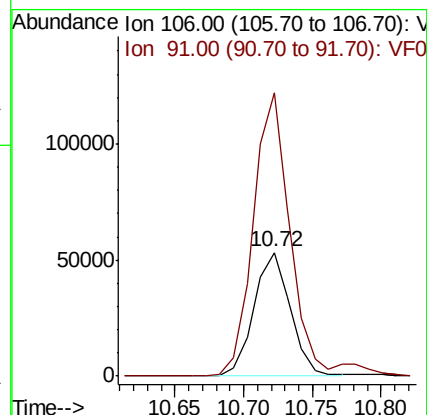
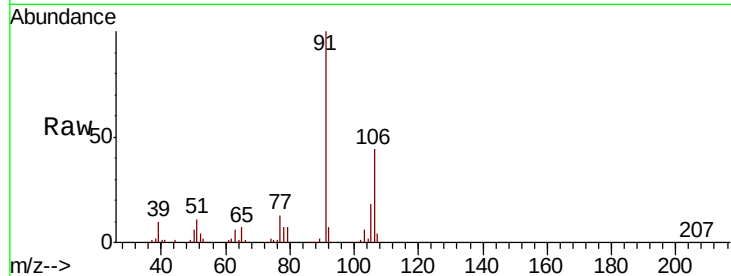




#69  
o-Xylene  
Concen: 21.348 ug/l  
RT: 10.72 min Scan# 1023  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

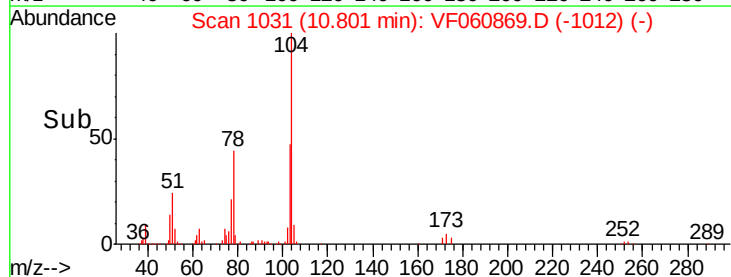
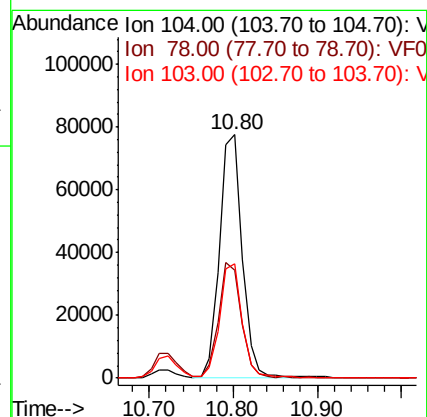
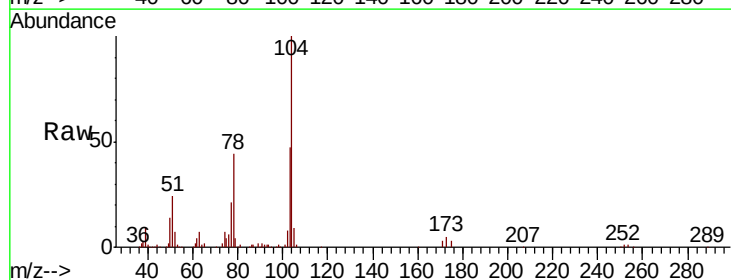
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

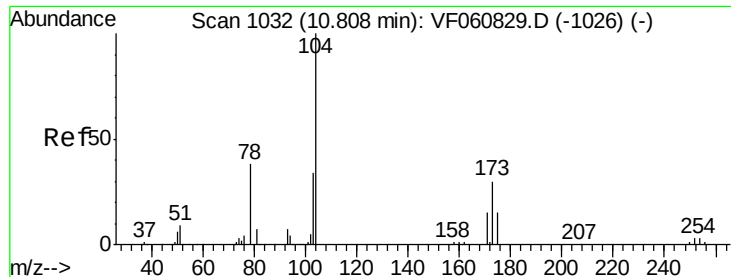
Tot Ion:106 Resp: 99009  
Ion Ratio Lower Upper  
106 100  
91 229.2 104.8 314.6



#70  
Styrene  
Concen: 22.687 ug/l  
RT: 10.80 min Scan# 1031  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion:104 Resp: 145859  
Ion Ratio Lower Upper  
104 100  
78 44.4 37.3 55.9  
103 47.2 36.8 55.2





#71

Bromoform

Concen: 22.705 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

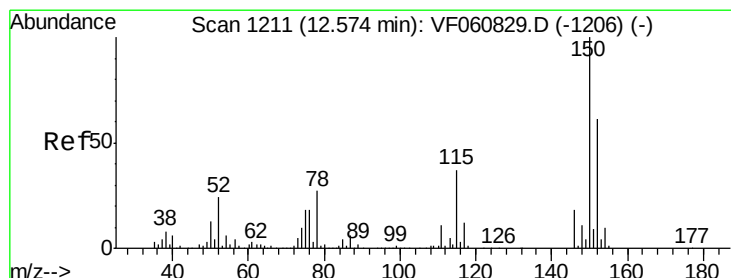
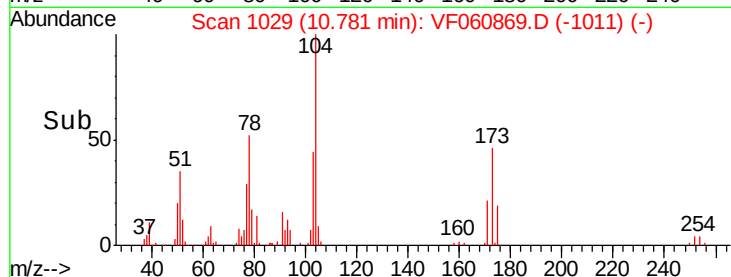
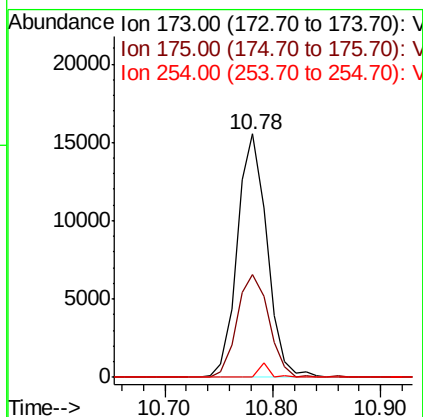
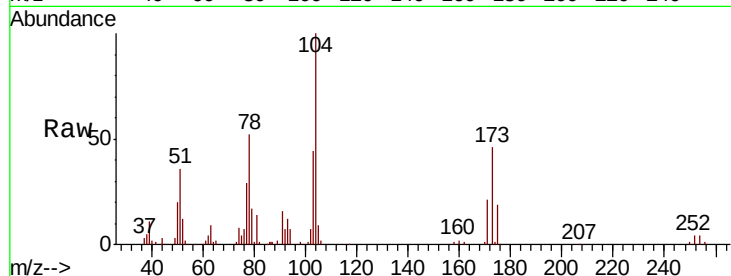
Tot Ion:173 Resp: 29615

Ion Ratio Lower Upper

173 100

175 42.9 25.5 76.5

254 0.0 7.5 11.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

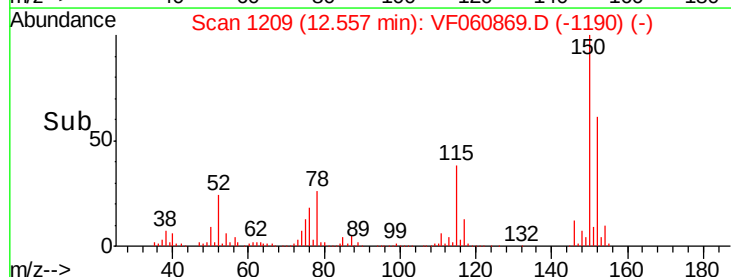
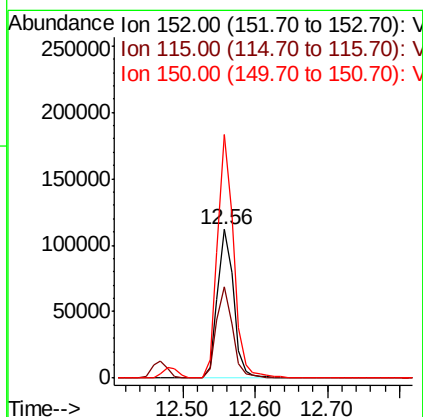
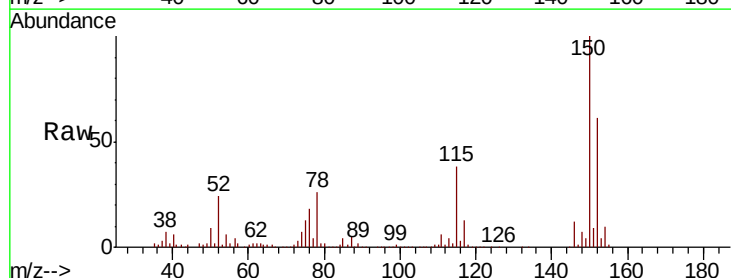
Tgt Ion:152 Resp: 173167

Ion Ratio Lower Upper

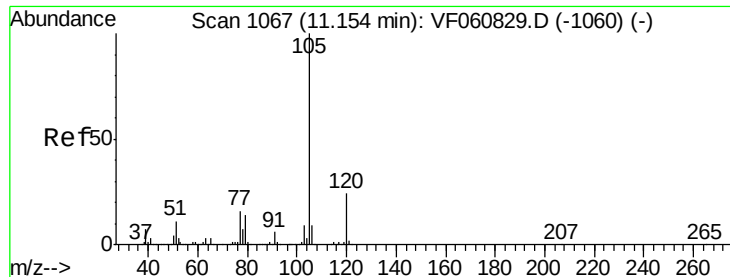
152 100

115 61.7 30.1 90.5

150 163.8 0.0 327.6







#73

Isopropylbenzene

Concen: 21.753 ug/l

RT: 11.14 min Scan# 1065

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

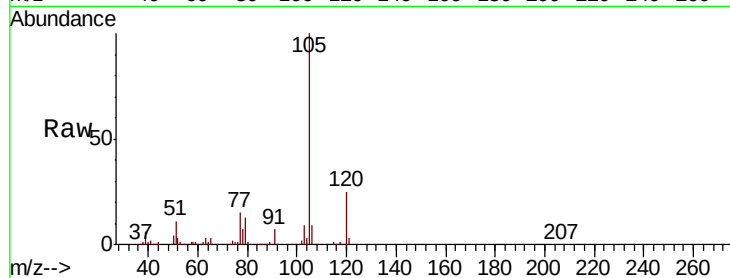
VF1129SBS01

Tot Ion:105 Resp: 297678

Ion Ratio Lower Upper

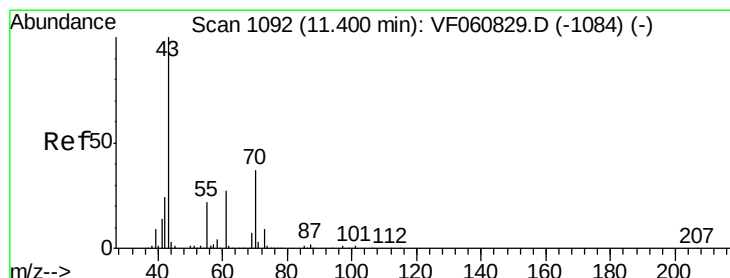
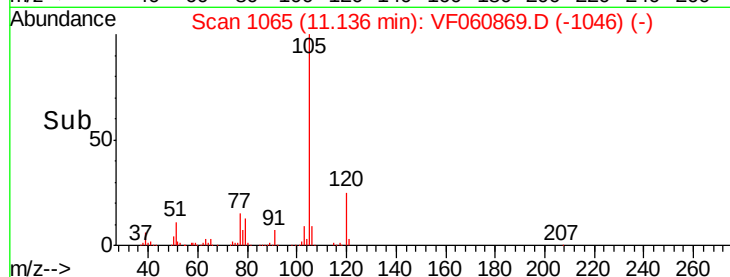
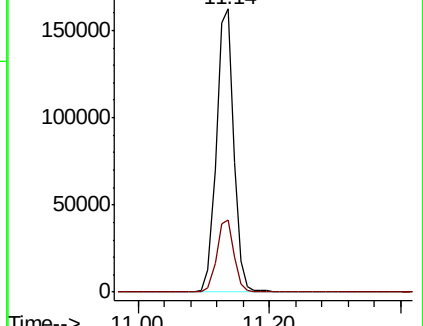
105 100

120 25.3 12.2 36.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.162 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Tgt Ion: 43 Resp: 73191

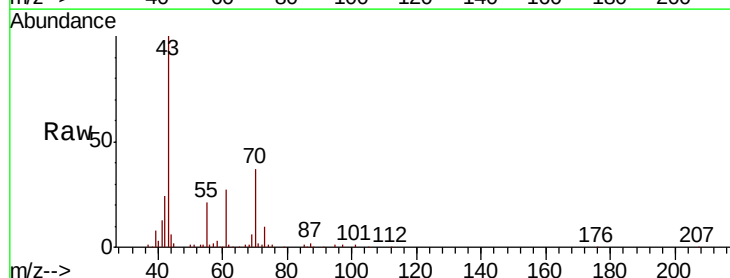
Ion Ratio Lower Upper

43 100

70 36.8 29.6 44.4

55 20.9 17.2 25.8

61 26.9 21.8 32.6

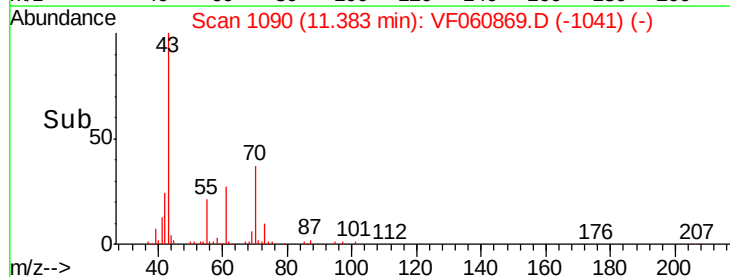
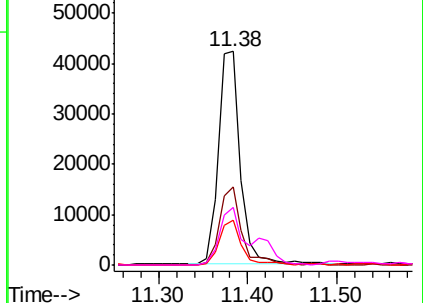


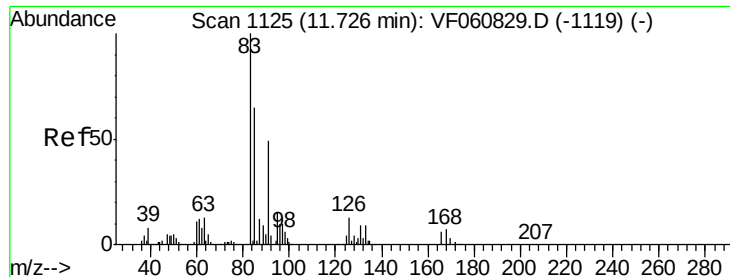
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 23.007 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBSD01

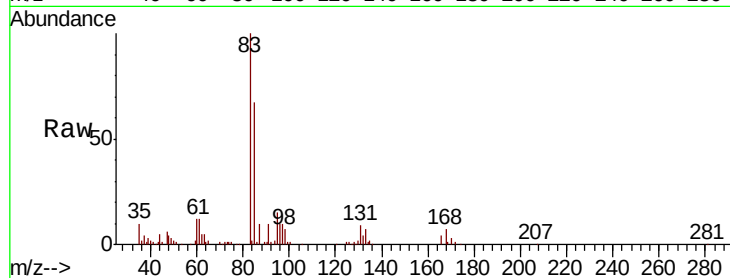
Tot Ion: 83 Resp: 51816

Ion Ratio Lower Upper

83 100

131 8.5 4.7 14.1

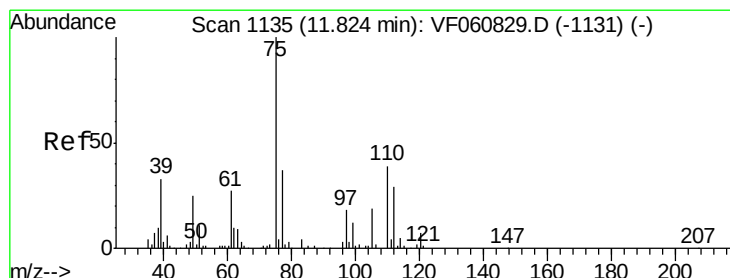
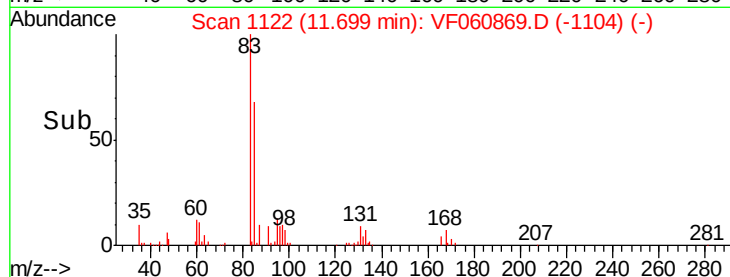
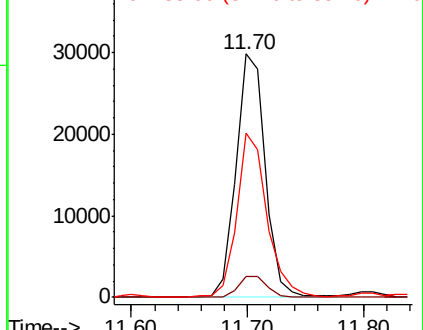
85 67.5 32.6 97.8



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: 23.986 ug/l

RT: 11.80 min Scan# 1132

Delta R.T. -0.03 min

Lab File: VF060869.D

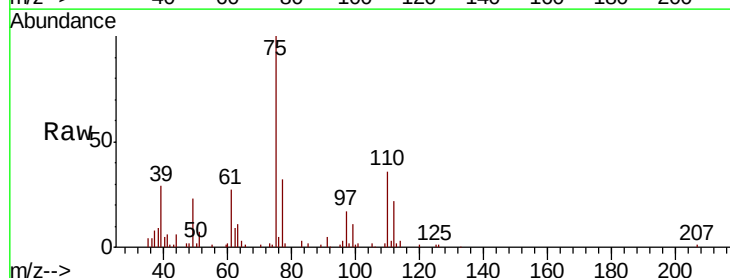
Acq: 29 Nov 2018 16:08

Tgt Ion: 75 Resp: 39266

Ion Ratio Lower Upper

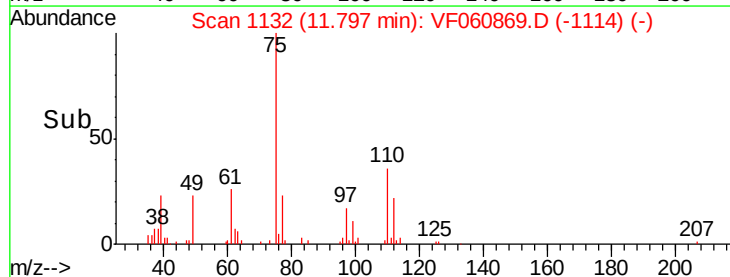
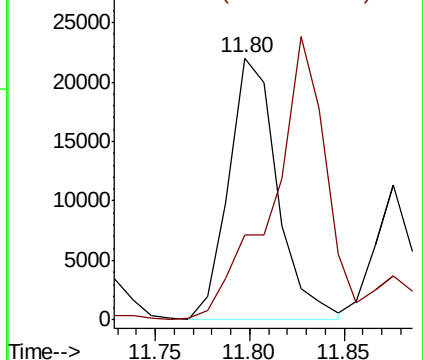
75 100

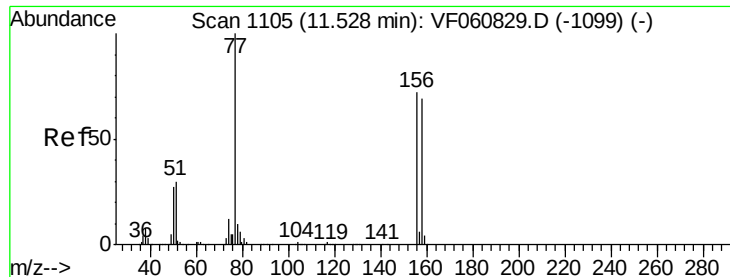
77 32.3 18.4 55.4



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.702 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.03 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

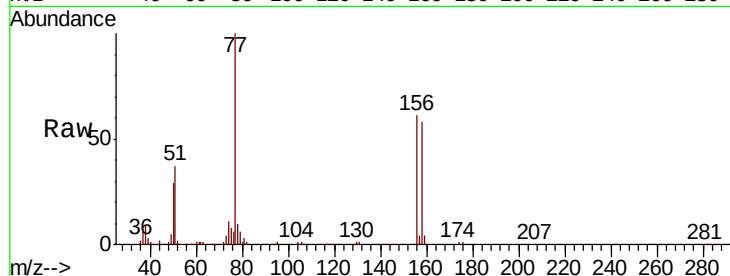
Tot Ion:156 Resp: 62111

Ion Ratio Lower Upper

156 100

77 163.8 69.7 209.0

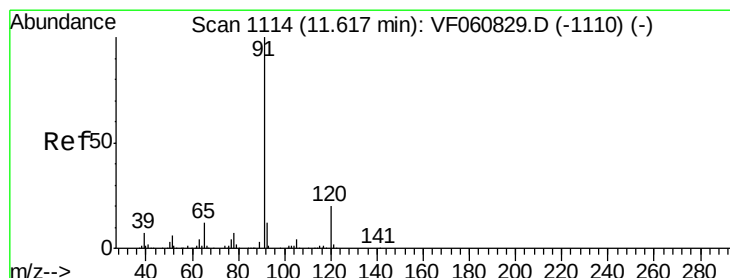
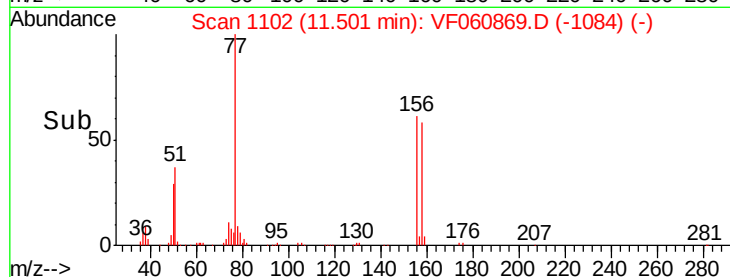
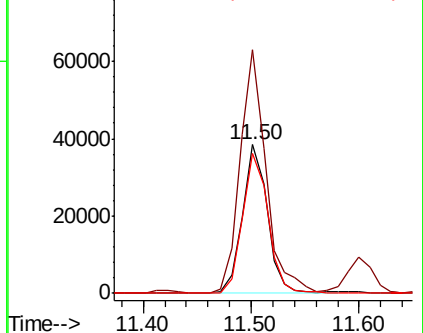
158 94.2 47.8 143.4



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: 21.773 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF060869.D

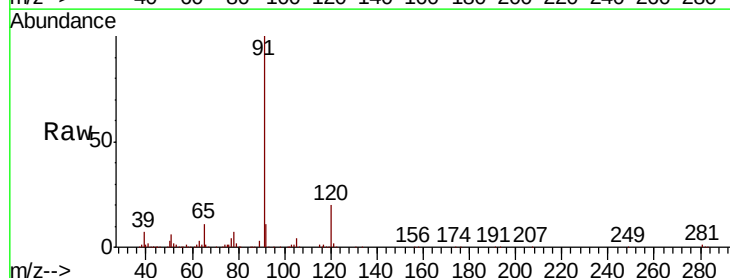
Acq: 29 Nov 2018 16:08

Tgt Ion: 91 Resp: 348935

Ion Ratio Lower Upper

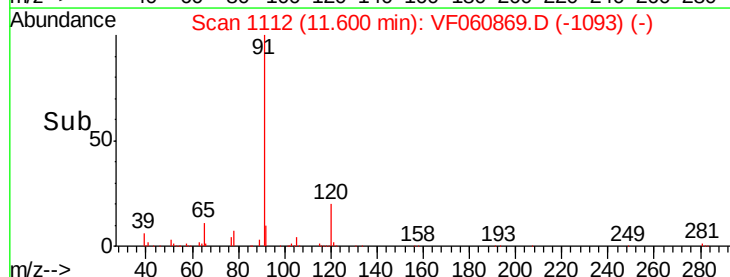
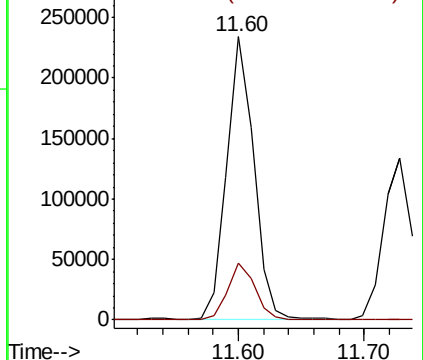
91 100

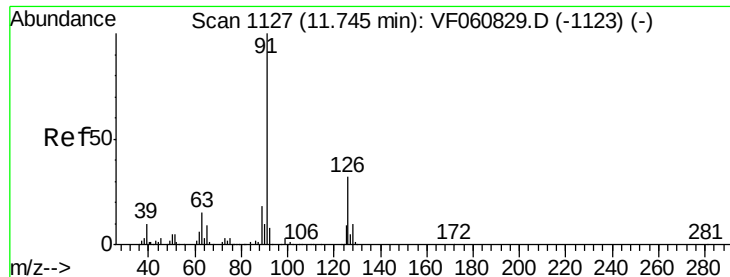
120 20.1 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.941 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

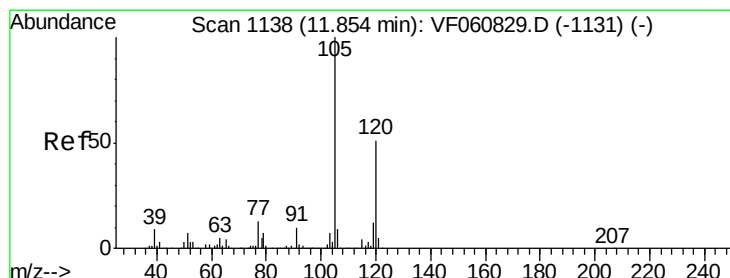
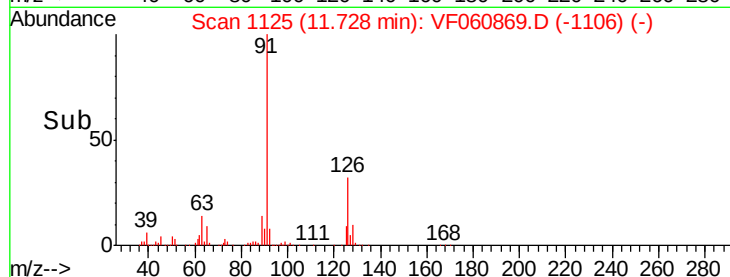
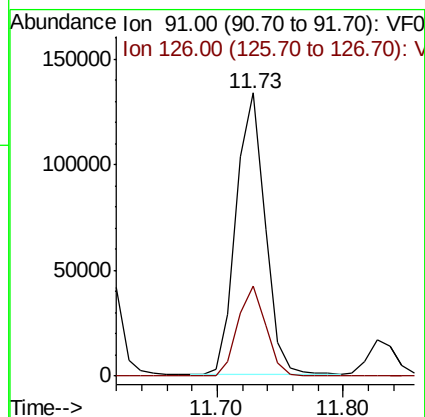
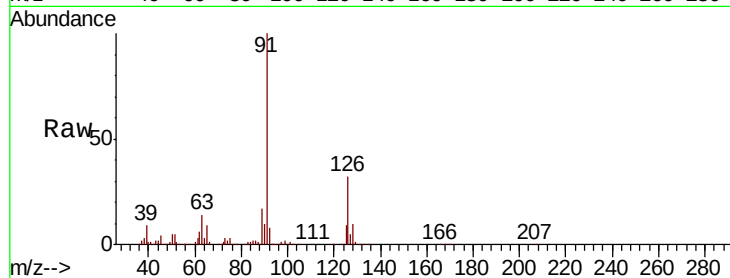
VF1129SBS01

Tot Ion: 91 Resp: 210800

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 22.307 ug/l

RT: 11.83 min Scan# 1135

Delta R.T. -0.03 min

Lab File: VF060869.D

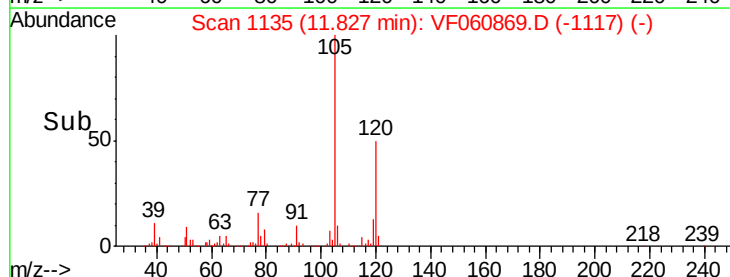
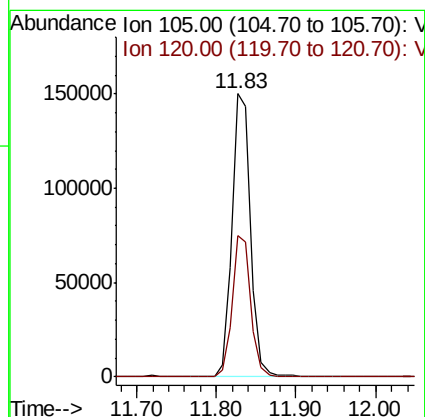
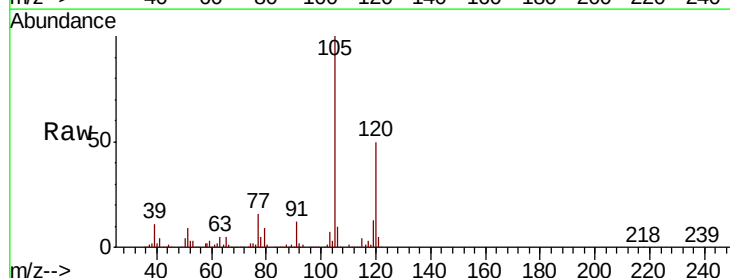
Acq: 29 Nov 2018 16:08

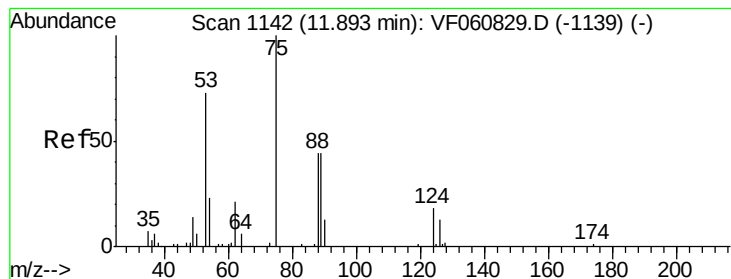
Tgt Ion:105 Resp: 247818

Ion Ratio Lower Upper

105 100

120 50.1 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 29.776 ug/l

RT: 11.88 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

VF1129SBS01

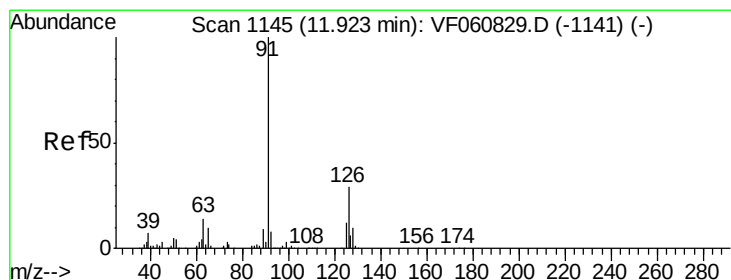
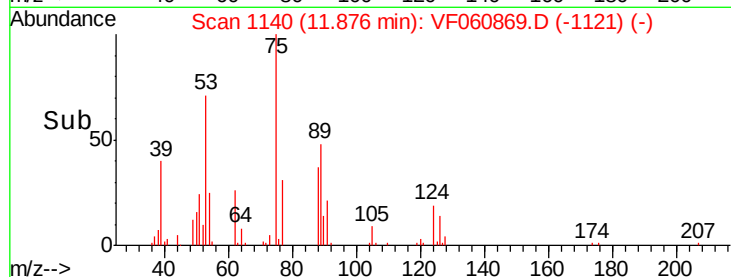
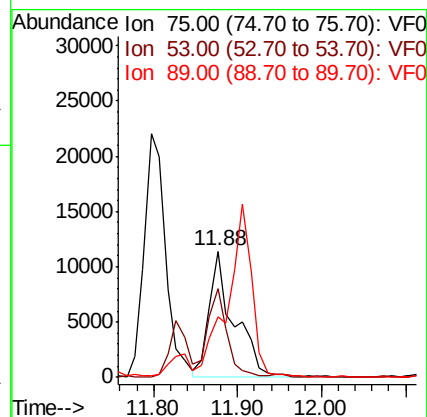
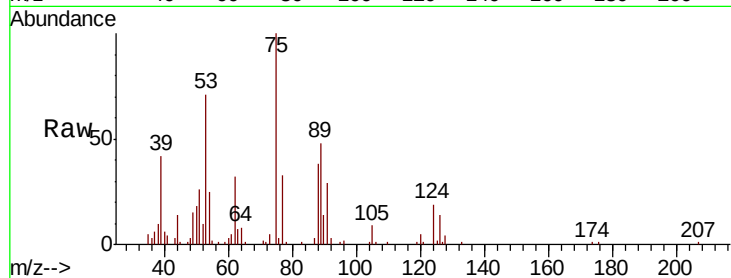
Tot Ion: 75 Resp: 23883

Ion Ratio Lower Upper

75 100

53 70.7 65.9 98.9

89 47.7 38.8 58.2



#82

4-Chlorotoluene

Concen: 21.233 ug/l

RT: 11.91 min Scan# 1143

Delta R.T. -0.02 min

Lab File: VF060869.D

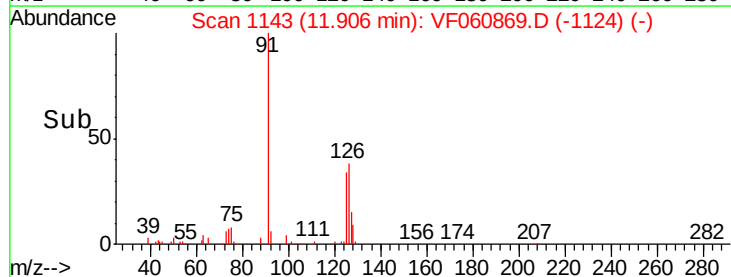
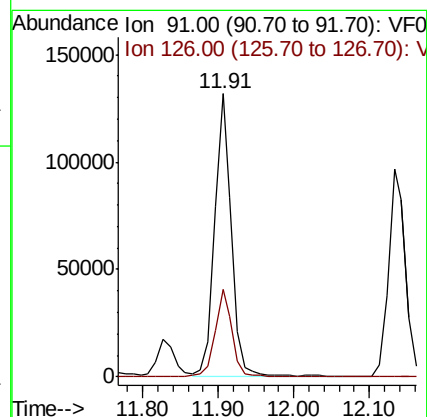
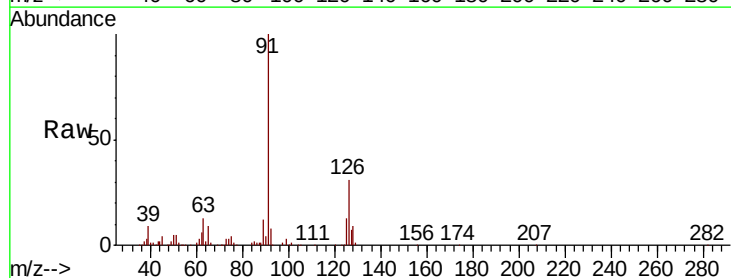
Acq: 29 Nov 2018 16:08

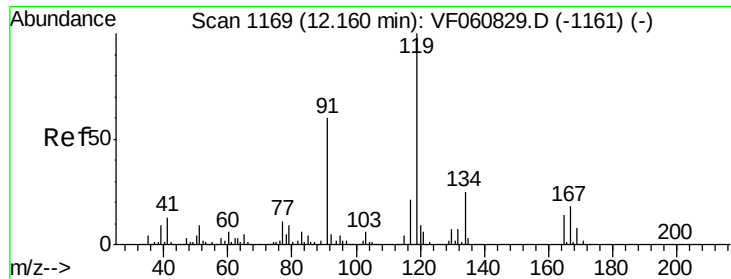
Tgt Ion: 91 Resp: 205331

Ion Ratio Lower Upper

91 100

126 30.8 14.8 44.4

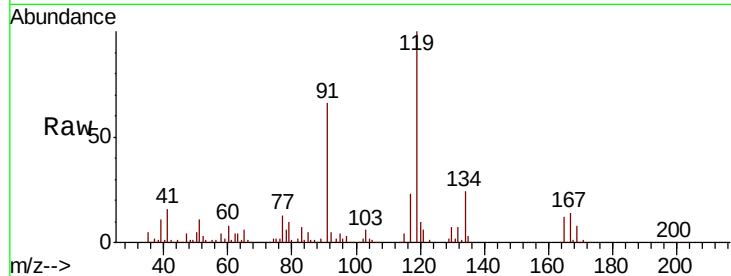




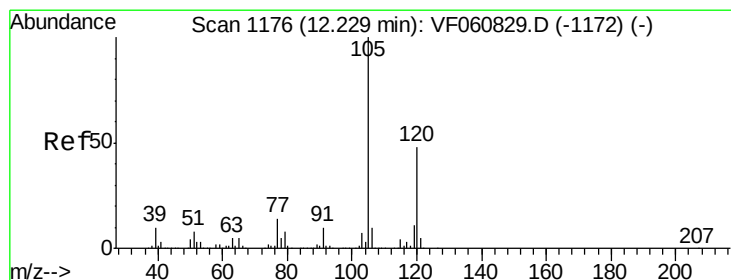
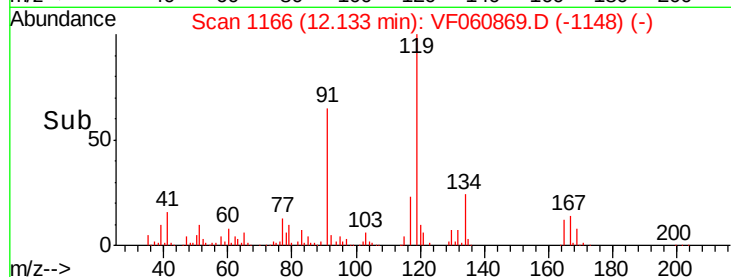
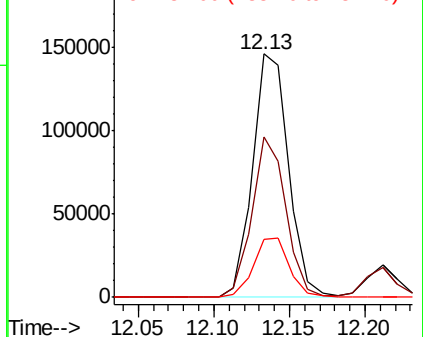
#83  
tert-Butylbenzene  
Concen: 21.517 ug/l  
RT: 12.13 min Scan# 1166  
Delta R.T. -0.03 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

Tot Ion:119 Resp: 243495  
Ion Ratio Lower Upper  
119 100  
91 66.1 30.1 90.3  
134 23.7 12.6 37.8

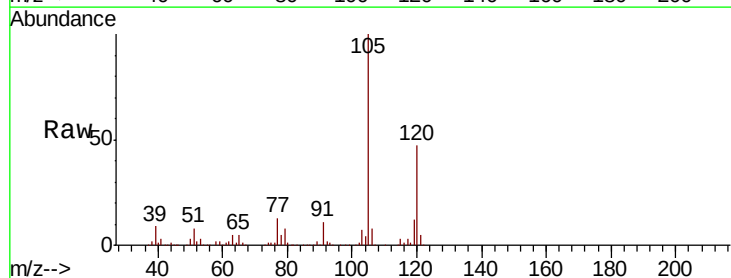


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VF0  
Ion 134.00 (133.70 to 134.70): V

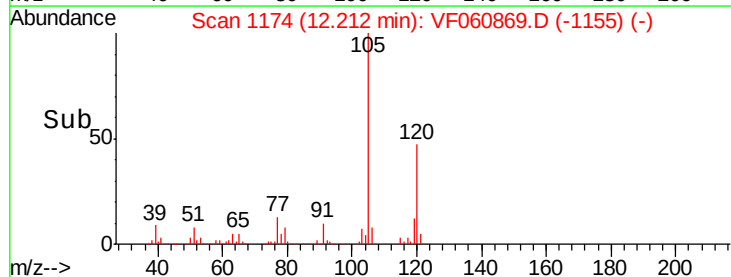
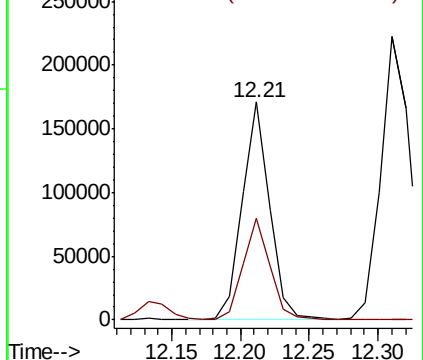


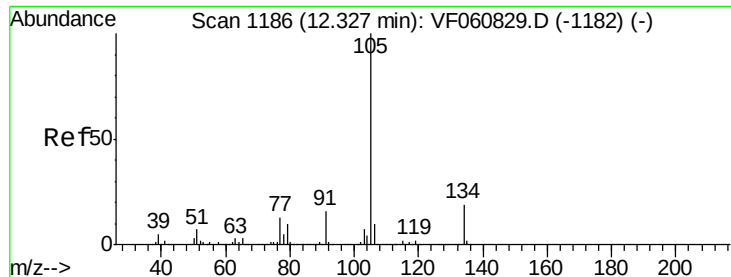
#84  
1,2,4-Trimethylbenzene  
Concen: 21.434 ug/l  
RT: 12.21 min Scan# 1174  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion:105 Resp: 237651  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.366 ug/l

RT: 12.31 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

Instrument :

MSVOA\_F

ClientSampleId :

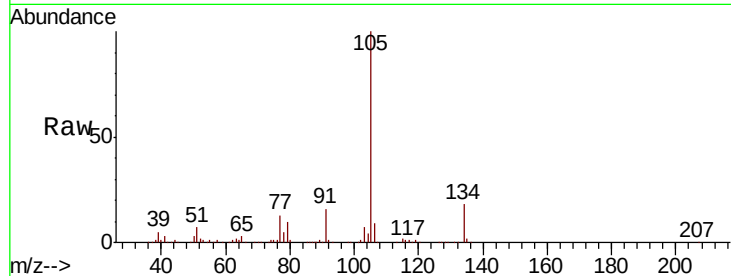
VF1129SBS01

Tot Ion:105 Resp: 330992

Ion Ratio Lower Upper

105 100

134 17.6 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

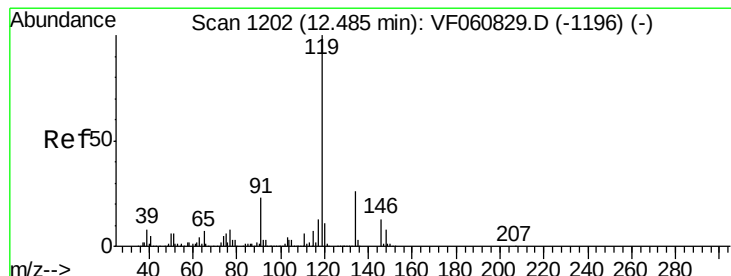
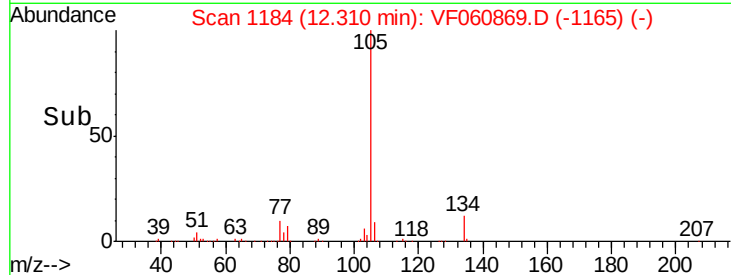
0

12.20

12.30

12.40

Time-->



#86

p-Isopropyltoluene

Concen: 21.951 ug/l

RT: 12.47 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VF060869.D

Acq: 29 Nov 2018 16:08

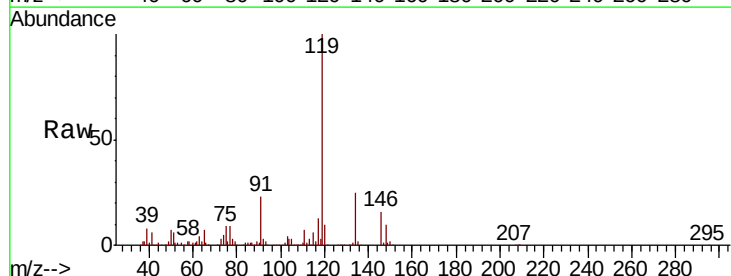
Tgt Ion:119 Resp: 285098

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.6

91 23.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

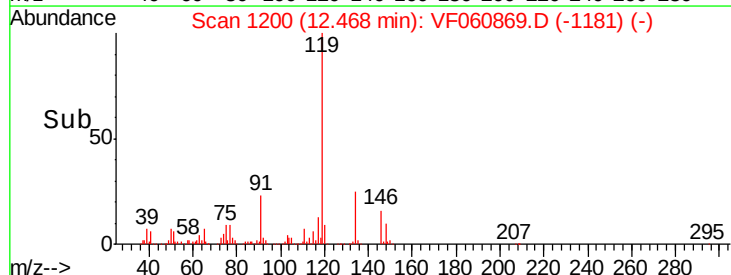
0

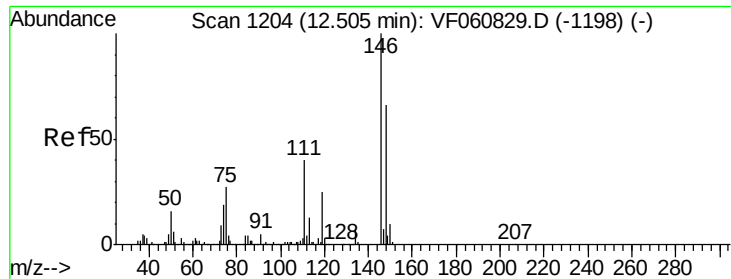
12.40

12.50

12.60

Time-->

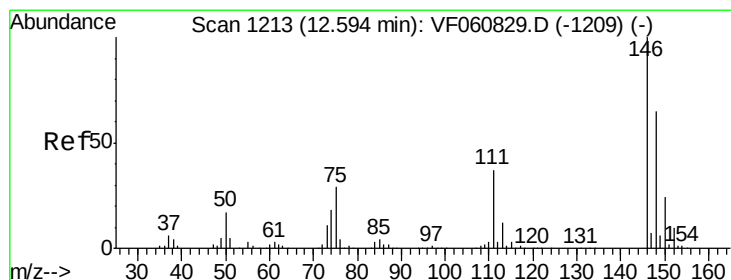
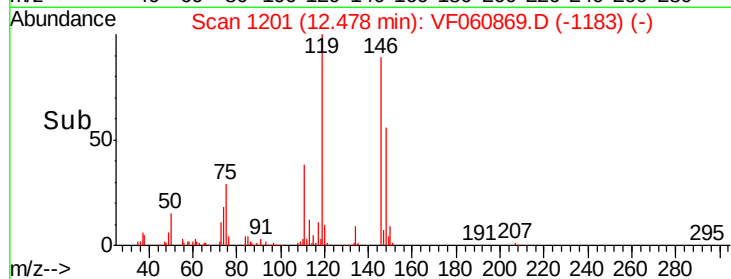
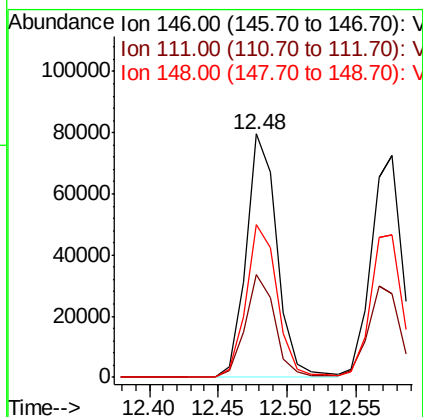
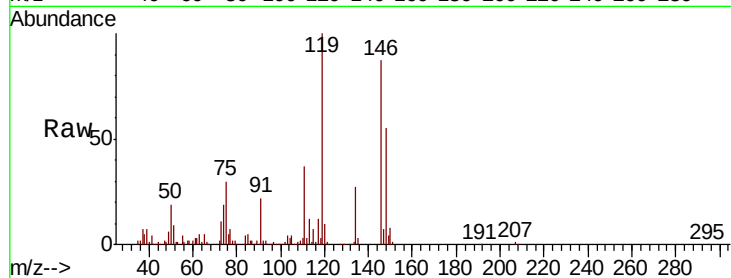




#87  
 1,3-Dichlorobenzene  
 Concen: 21.891 ug/l  
 RT: 12.48 min Scan# 1201  
 Delta R.T. -0.03 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

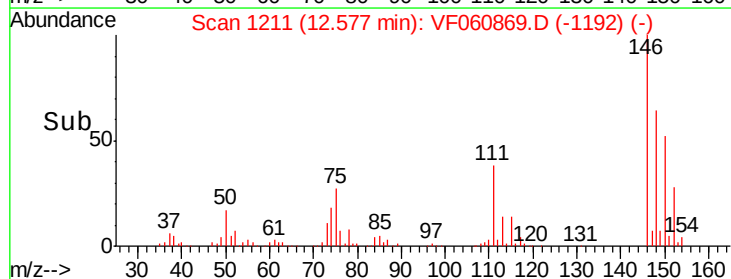
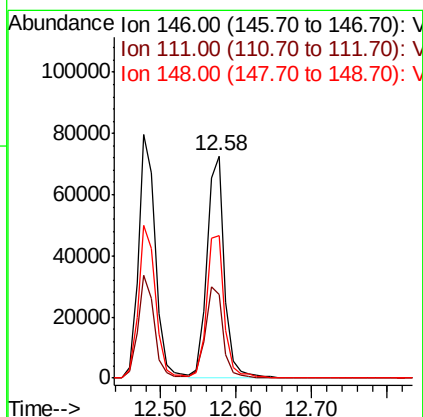
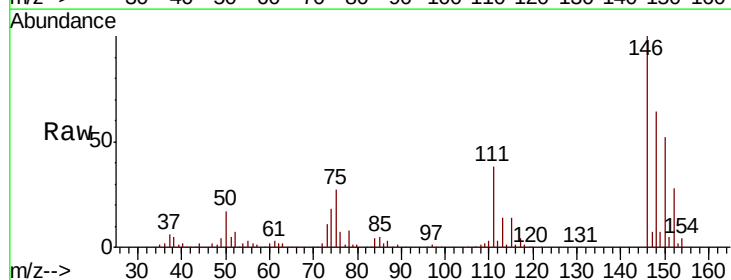
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBSD01

Tot Ion:146 Resp: 124928  
 Ion Ratio Lower Upper  
 146 100  
 111 42.5 20.0 59.9  
 148 62.8 32.9 98.6

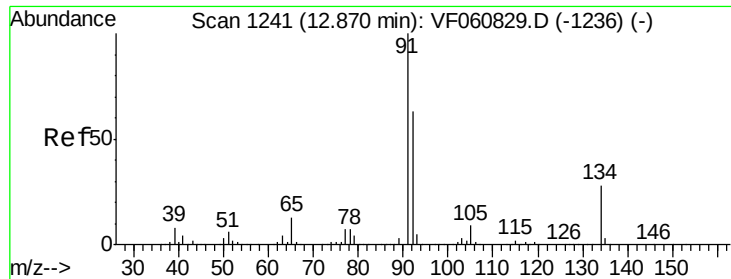


#88  
 1,4-Dichlorobenzene  
 Concen: 21.341 ug/l  
 RT: 12.58 min Scan# 1211  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion:146 Resp: 118686  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.9 56.7  
 148 64.3 32.3 96.9



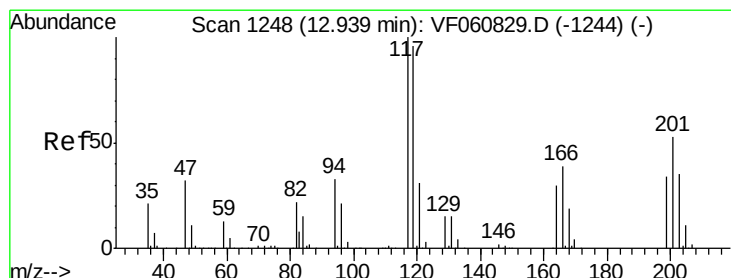
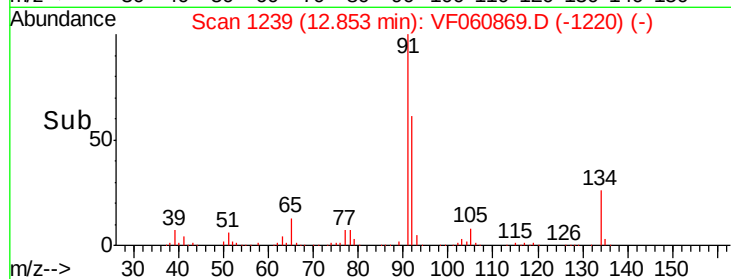
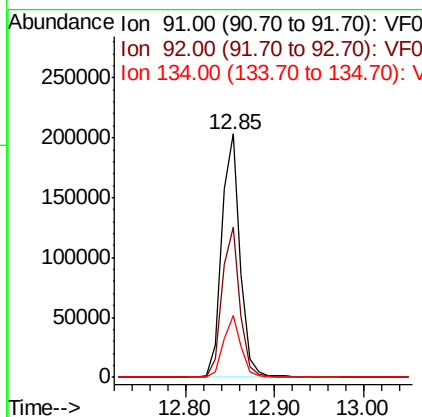
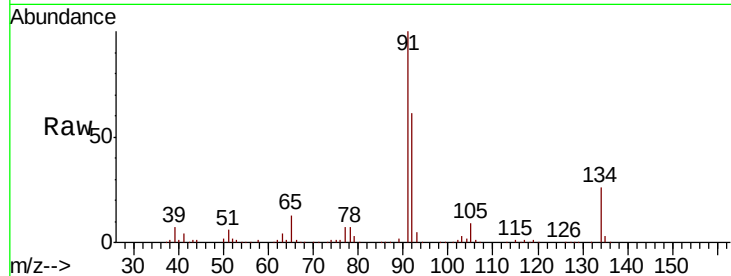




#89  
n-Butylbenzene  
Concen: 22.536 ug/l  
RT: 12.85 min Scan# 1239  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

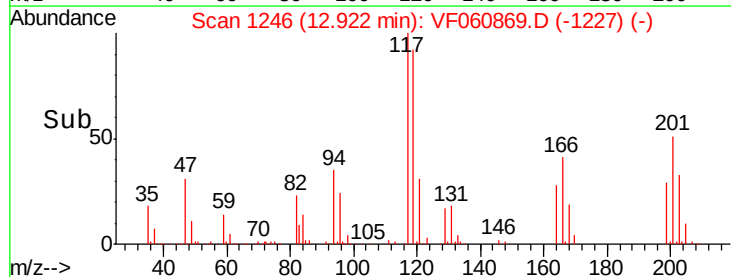
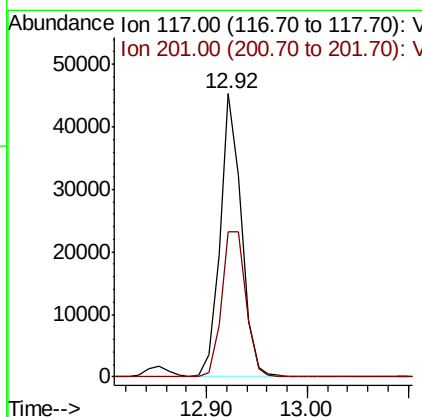
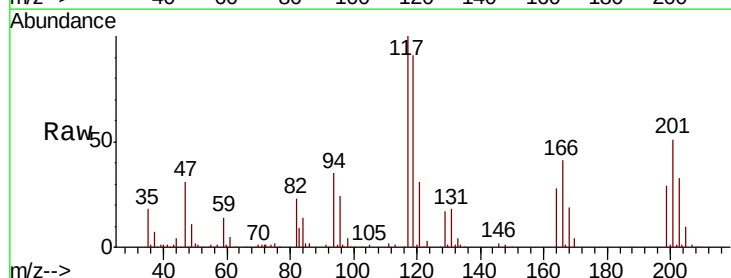
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

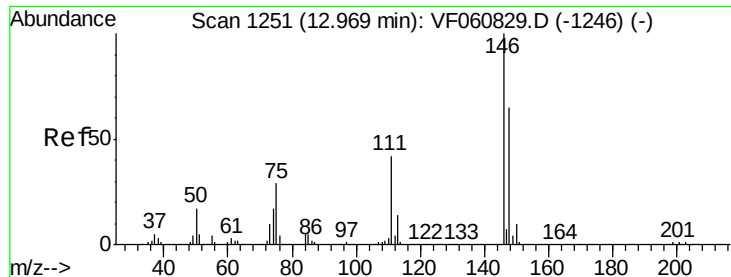
Tot Ion: 91 Resp: 295960  
Ion Ratio Lower Upper  
91 100  
92 61.5 31.6 94.7  
134 25.6 13.8 41.4



#90  
Hexachloroethane  
Concen: 21.239 ug/l  
RT: 12.92 min Scan# 1246  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Tgt Ion: 117 Resp: 66425  
Ion Ratio Lower Upper  
117 100  
201 51.4 26.7 80.1

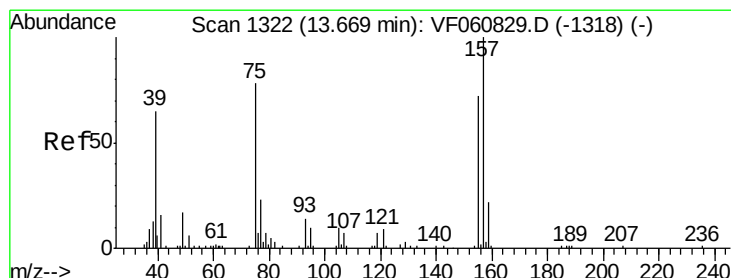
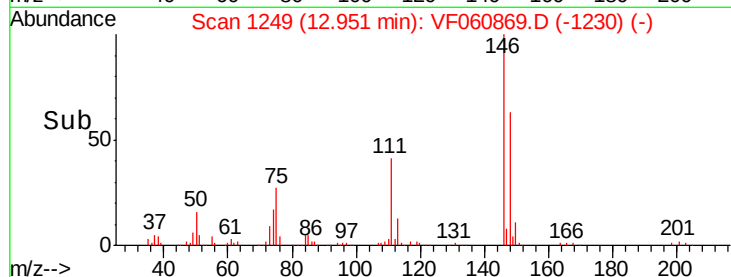
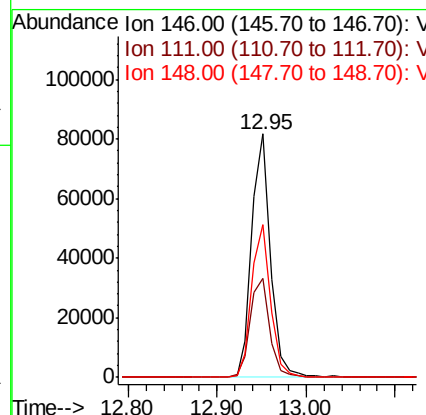
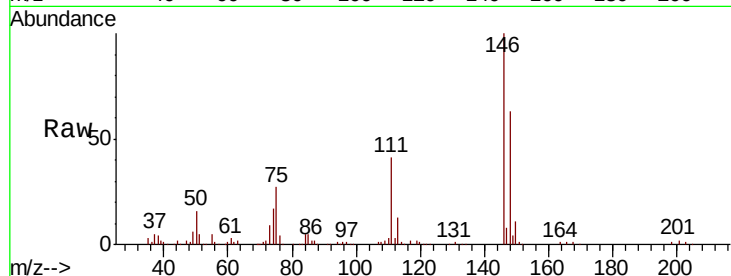




#91  
 1,2-Dichlorobenzene  
 Concen: 21.965 ug/l  
 RT: 12.95 min Scan# 1249  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

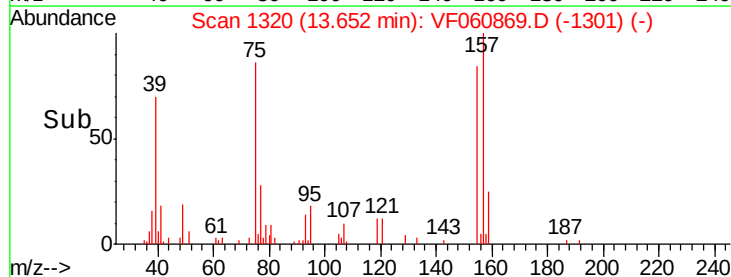
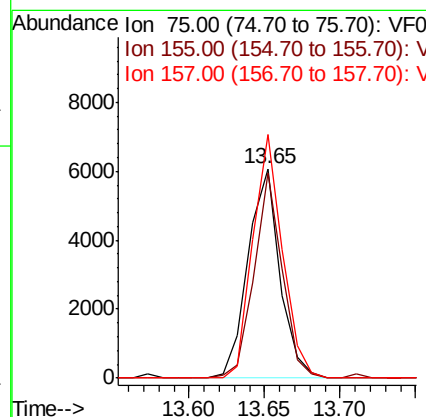
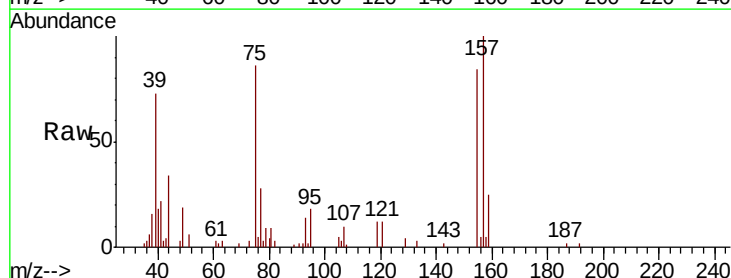
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBSD01

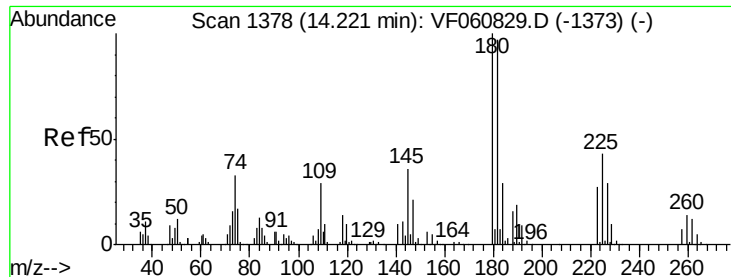
Tot Ion:146 Resp: 118707  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 21.2 63.6  
 148 63.0 32.5 97.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.550 ug/l  
 RT: 13.65 min Scan# 1320  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion: 75 Resp: 8948  
 Ion Ratio Lower Upper  
 75 100  
 155 97.8 45.6 136.9  
 157 116.3 63.8 191.5

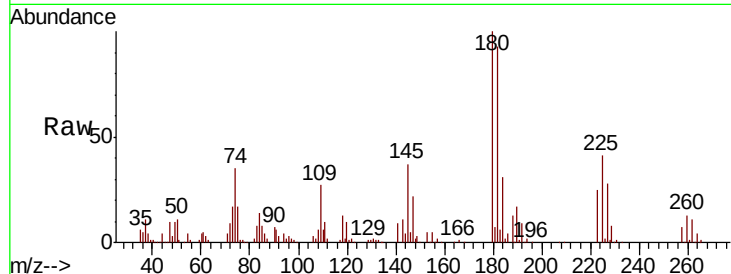




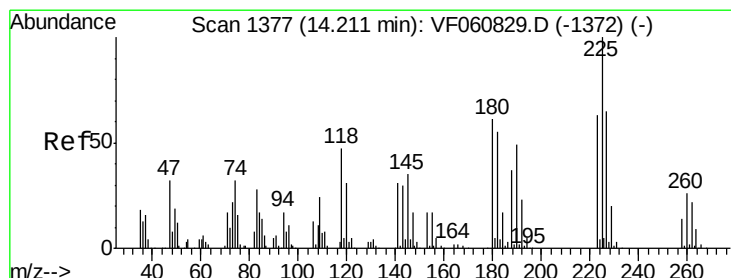
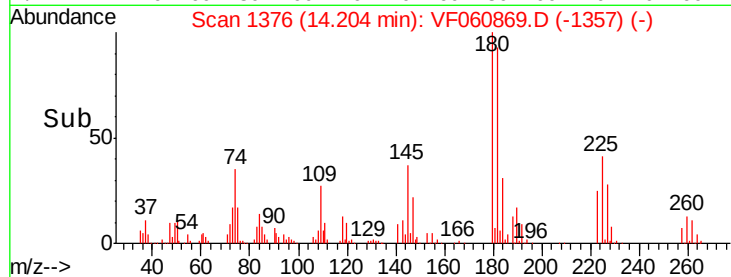
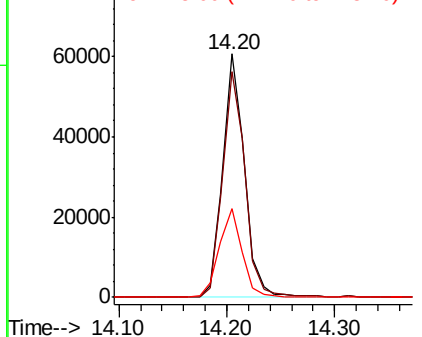
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.600 ug/l  
 RT: 14.20 min Scan# 1376  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1129SBS01

Tot Ion:180 Resp: 85341  
 Ion Ratio Lower Upper  
 180 100  
 182 92.6 48.5 145.5  
 145 36.6 18.1 54.3

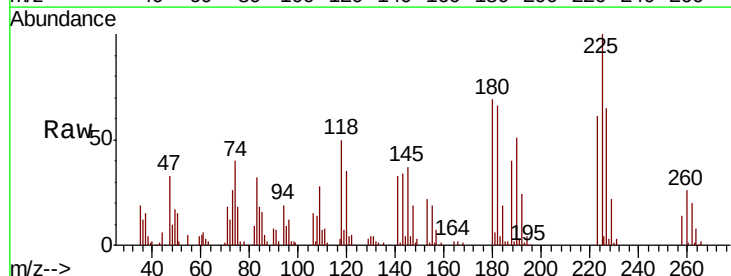


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

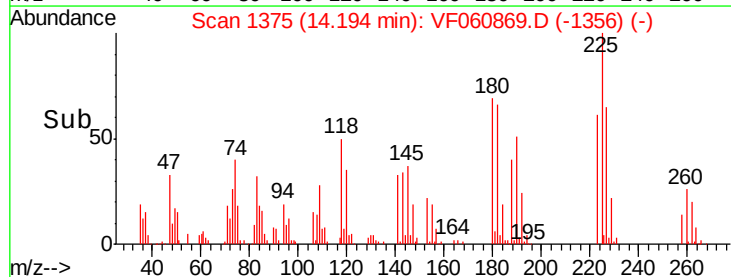
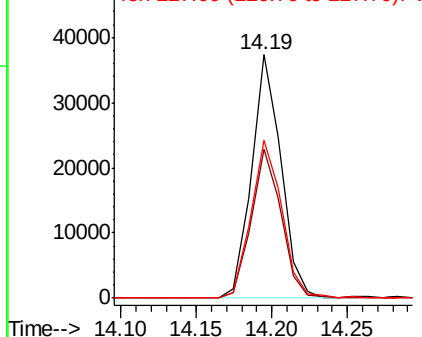


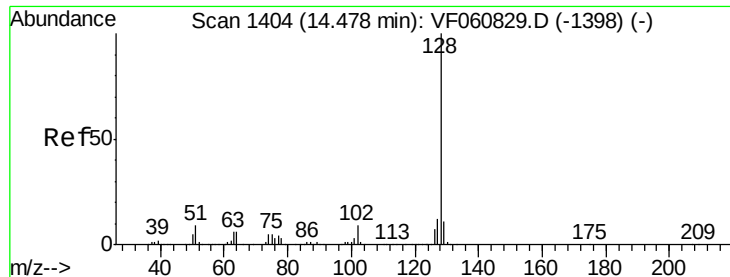
#94  
 Hexachlorobutadiene  
 Concen: 20.103 ug/l  
 RT: 14.19 min Scan# 1375  
 Delta R.T. -0.02 min  
 Lab File: VF060869.D  
 Acq: 29 Nov 2018 16:08

Tgt Ion:225 Resp: 50604  
 Ion Ratio Lower Upper  
 225 100  
 223 60.9 31.4 94.3  
 227 64.8 32.5 97.5



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

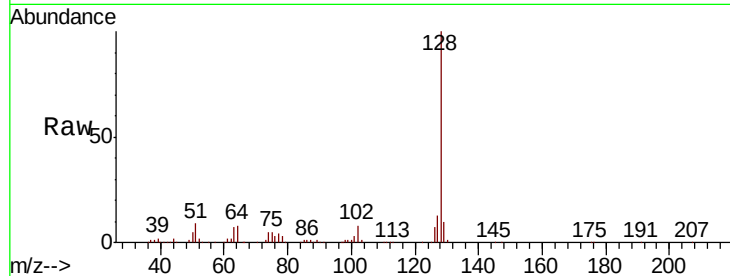




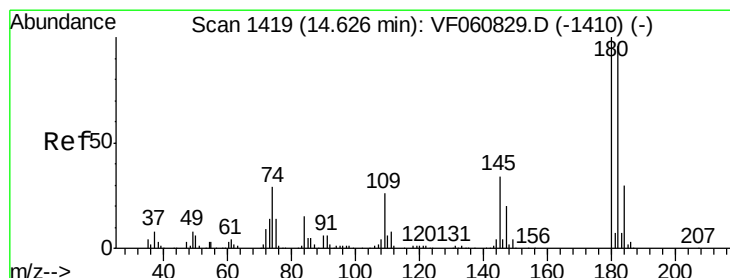
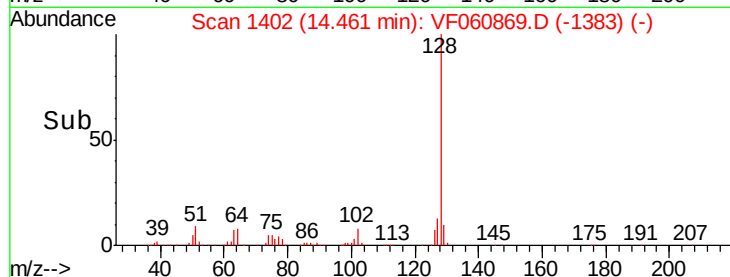
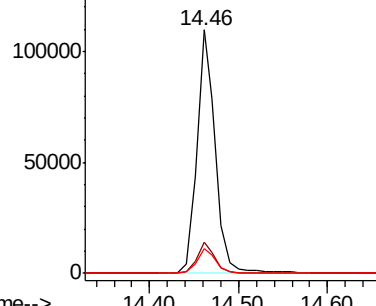
#95  
Naphthalene  
Concen: 19.730 ug/l  
RT: 14.46 min Scan# 1402  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 9.9   | 14.9  |
| 129     | 10.4  | 9.1   | 13.7  |

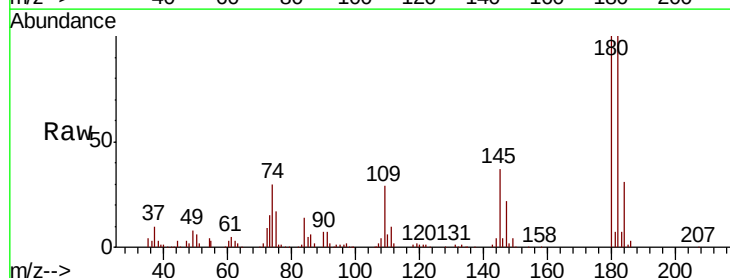


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 22.216 ug/l  
RT: 14.61 min Scan# 1417  
Delta R.T. -0.02 min  
Lab File: VF060869.D  
Acq: 29 Nov 2018 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.7  | 47.9  | 143.8 |
| 145     | 36.6  | 17.2  | 51.5  |



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

