

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\  
 Data File : VV009244.D  
 Acq On : 23 Jan 2019 11:58  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA V/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 04:01:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\82V012219S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 23 01:54:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.73  | 168  | 84501    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.66  | 114  | 140329   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.89  | 117  | 129475   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 64771    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.07   | 65  | 54336    | 52.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.46% |      |
| 35) Dibromofluoromethane  | 4.64   | 113 | 50584    | 55.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.80% |      |
| 50) Toluene-d8            | 7.35   | 98  | 201312   | 56.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.28% |      |
| 62) 4-Bromofluorobenzene  | 10.12  | 95  | 74133    | 55.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.72% |      |

## Target Compounds

|                               |      |     |        |         | Qvalue   |
|-------------------------------|------|-----|--------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.14 | 85  | 32842  | 48.050  | ug/l 100 |
| 3) Chloromethane              | 1.25 | 50  | 45232  | 49.163  | ug/l 98  |
| 4) Vinyl Chloride             | 1.32 | 62  | 53210  | 50.902  | ug/l 100 |
| 5) Bromomethane               | 1.53 | 94  | 30210  | 50.958  | ug/l 98  |
| 6) Chloroethane               | 1.60 | 64  | 29368  | 50.265  | ug/l 97  |
| 7) Trichlorofluoromethane     | 1.76 | 101 | 33546  | 45.726  | ug/l 99  |
| 8) Diethyl Ether              | 1.96 | 74  | 23020  | 49.891  | ug/l 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.14 | 101 | 47032  | 51.594  | ug/l 98  |
| 10) Methyl Iodide             | 2.25 | 142 | 75640  | 51.988  | ug/l 99  |
| 11) Tert butyl alcohol        | 2.65 | 59  | 15725  | 253.565 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 2.13 | 96  | 46298  | 51.730  | ug/l 98  |
| 13) Acrolein                  | 2.06 | 56  | 13525  | 253.360 | ug/l 96  |
| 14) Allyl chloride            | 2.42 | 41  | 78735  | 51.043  | ug/l 98  |
| 15) Acrylonitrile             | 2.76 | 53  | 50746  | 253.903 | ug/l 99  |
| 16) Acetone                   | 2.17 | 43  | 65795  | 235.324 | ug/l 99  |
| 17) Carbon Disulfide          | 2.31 | 76  | 141230 | 51.585  | ug/l 99  |
| 18) Methyl Acetate            | 2.44 | 43  | 34155  | 45.736  | ug/l 98  |
| 19) Methyl tert-butyl Ether   | 2.79 | 73  | 70255  | 50.569  | ug/l 98  |
| 20) Methylene Chloride        | 2.52 | 84  | 48876  | 53.126  | ug/l 99  |
| 21) trans-1,2-Dichloroethene  | 2.78 | 96  | 49947  | 51.798  | ug/l 96  |
| 22) Diisopropyl ether         | 3.32 | 45  | 167533 | 51.006  | ug/l 92  |
| 23) Vinyl Acetate             | 3.30 | 43  | 463413 | 260.023 | ug/l 99  |
| 24) 1,1-Dichloroethane        | 3.22 | 63  | 104962 | 51.363  | ug/l 99  |
| 25) 2-Butanone                | 4.01 | 43  | 83157  | 260.093 | ug/l 97  |
| 26) 2,2-Dichloropropane       | 3.95 | 77  | 61910  | 53.831  | ug/l 98  |
| 27) cis-1,2-Dichloroethene    | 3.95 | 96  | 61101  | 52.430  | ug/l 97  |
| 28) Bromochloromethane        | 4.28 | 49  | 36562  | 48.483  | ug/l 97  |
| 29) Tetrahydrofuran           | 4.38 | 42  | 46004  | 264.553 | ug/l 98  |
| 30) Chloroform                | 4.42 | 83  | 104677 | 51.002  | ug/l 100 |
| 31) Cyclohexane               | 4.72 | 56  | 94667  | 50.745  | ug/l 97  |
| 32) 1,1,1-Trichloroethane     | 4.65 | 97  | 89349  | 51.651  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 4.87 | 75  | 80410  | 51.610  | ug/l 98  |
| 37) Ethyl Acetate             | 4.12 | 43  | 32912  | 54.966  | ug/l 97  |
| 38) Carbon Tetrachloride      | 4.87 | 117 | 82349  | 52.795  | ug/l 97  |

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\82V012219S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 23 01:54:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.17  | 83   | 100442   | 54.440   | ug/l   | 100      |
| 40) Benzene                    | 5.14  | 78   | 230887   | 52.985   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.30  | 41   | 19012    | 52.684   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 5.17  | 62   | 67448    | 49.455   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.32  | 43   | 62757    | 53.284   | ug/l   | 98       |
| 44) Trichloroethene            | 5.95  | 130  | 60774    | 52.999   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.22  | 63   | 54853    | 52.332   | ug/l   | 98       |
| 46) Dibromomethane             | 6.35  | 93   | 28882    | 53.699   | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.55  | 83   | 75146    | 52.873   | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.41  | 41   | 31605    | 52.587   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 6.41  | 88   | 7469     | 1090.173 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 7.27  | 43   | 157220   | 263.030  | ug/l   | 99       |
| 52) Toluene                    | 7.43  | 92   | 145366   | 52.735   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 7.69  | 75   | 73960    | 53.467   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.07  | 75   | 86151    | 54.087   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 7.88  | 97   | 40681    | 53.683   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 7.83  | 69   | 48129    | 54.513   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 8.05  | 76   | 73794    | 53.784   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 6.93  | 63   | 2440     | 176.848  | ug/l   | 91       |
| 59) 2-Hexanone                 | 8.18  | 43   | 116606   | 269.718  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.29  | 129  | 48133    | 54.248   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 8.40  | 107  | 40109    | 54.123   | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.02  | 164  | 50101    | 54.377   | ug/l   | 97       |
| 65) Chlorobenzene              | 8.92  | 112  | 157609   | 52.324   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.02  | 131  | 53821    | 52.281   | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.05  | 91   | 286383   | 53.368   | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.18  | 106  | 216129   | 106.090  | ug/l   | 100      |
| 69) o-Xylene                   | 9.59  | 106  | 102268   | 54.146   | ug/l   | 99       |
| 70) Styrene                    | 9.60  | 104  | 166037   | 55.082   | ug/l   | 98       |
| 71) Bromoform                  | 9.77  | 173  | 26588    | 54.770   | ug/l # | 98       |
| 73) Isopropylbenzene           | 9.97  | 105  | 289832   | 54.188   | ug/l   | 99       |
| 74) N-amyl acetate             | 9.84  | 43   | 52938    | 53.523   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.29 | 83   | 48205    | 53.460   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 10.32 | 75   | 39065m   | 55.088   | ug/l   |          |
| 77) Bromobenzene               | 10.26 | 156  | 60952    | 53.278   | ug/l   | 97       |
| 78) n-propylbenzene            | 10.40 | 91   | 341226   | 53.815   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.47 | 91   | 199497   | 52.145   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.58 | 105  | 241694   | 53.882   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.05 | 75   | 13810    | 55.111   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 10.58 | 91   | 236322   | 52.444   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 10.91 | 119  | 230463   | 53.957   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 10.96 | 105  | 241856   | 53.449   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.13 | 105  | 301798   | 53.947   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.29 | 119  | 263944   | 53.884   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 11.23 | 146  | 125656   | 52.899   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 11.32 | 146  | 124936   | 52.027   | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.70 | 91   | 253962   | 53.414   | ug/l   | 99       |
| 90) Hexachloroethane           | 11.95 | 117  | 46855    | 53.791   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 11.69 | 146  | 109156   | 52.057   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.48 | 75   | 8012     | 52.926   | ug/l   | 96       |

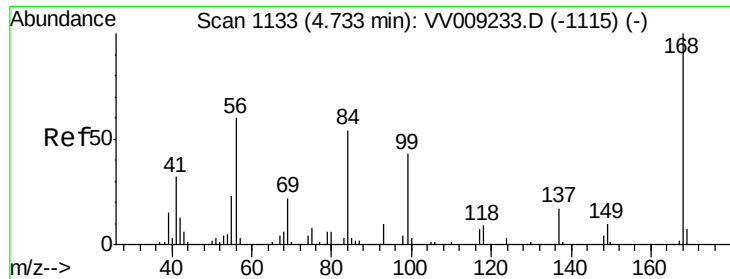
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV012319\  
Data File : VV009244.D  
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| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.31 | 180  | 70219    | 52.020 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.50 | 225  | 43702    | 52.238 | ug/l  | 98       |
| 95) Naphthalene            | 13.55 | 128  | 124994   | 53.554 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 13.79 | 180  | 59431    | 51.994 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009244.D

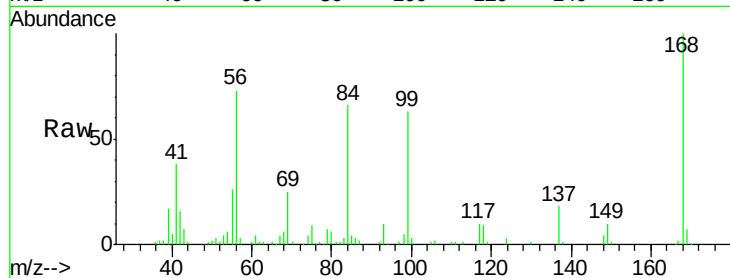
Acq: 23 Jan 2019 11:58

Tot Ion:168 Resp: 84501

Ion Ratio Lower Upper

168 100

99 62.2 50.9 76.3

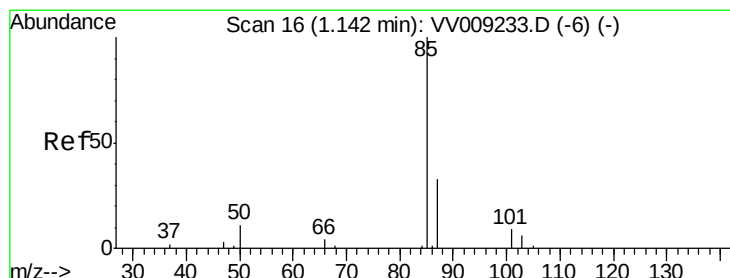
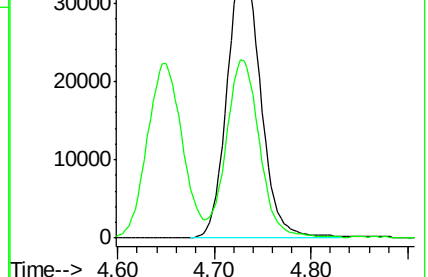
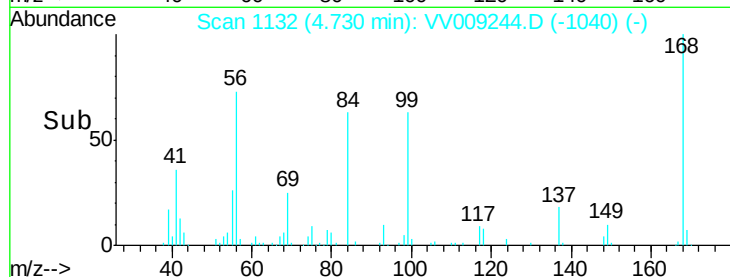


Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

Time-->



#2

Dichlorodifluoromethane

Concen: 48.050 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009244.D

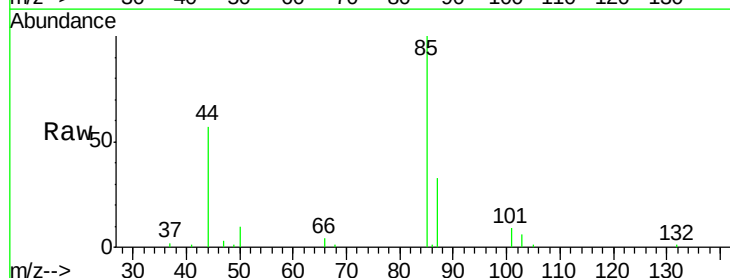
Acq: 23 Jan 2019 11:58

Tgt Ion: 85 Resp: 32842

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.7

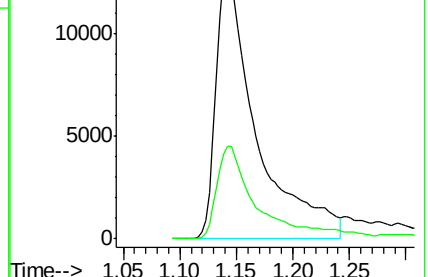
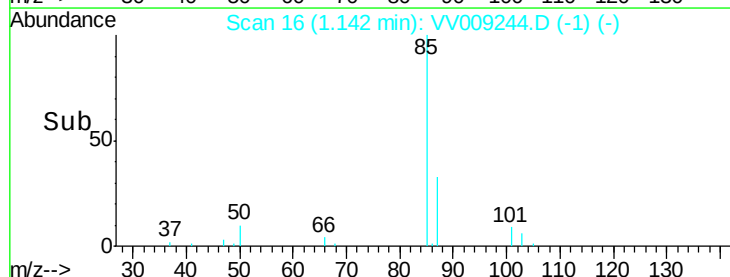


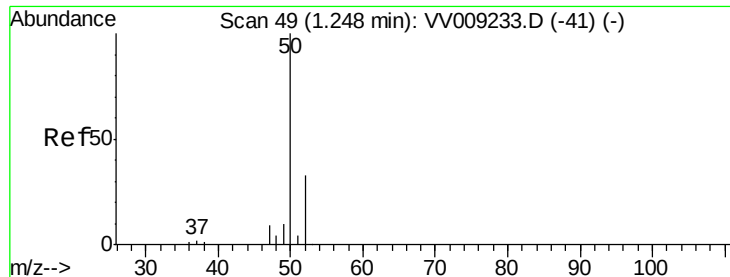
Abundance Ion 84.90 (84.60 to 85.60): VV009233.D (-6) (-)

Ion 86.90 (86.60 to 87.60): VV009233.D (-6) (-)

1.14

Time-->





#3

Chloromethane

Concen: 49.163 ug/l

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV009244.D

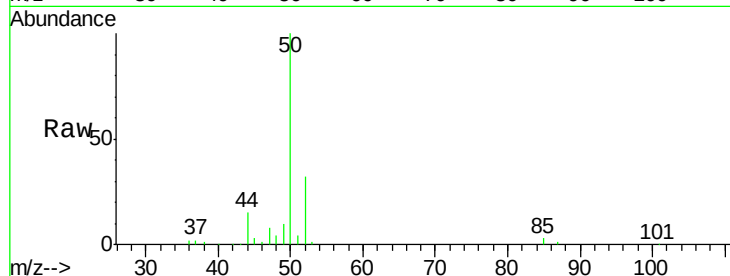
Acq: 23 Jan 2019 11:58

Tot Ion: 50 Resp: 45232

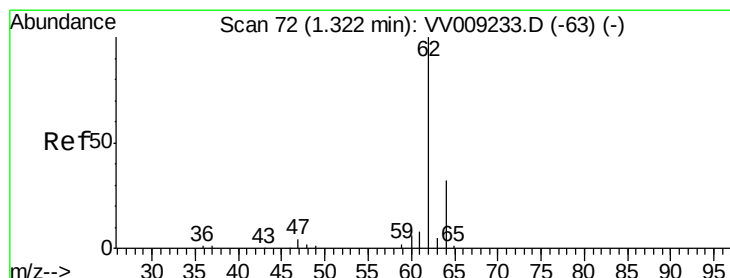
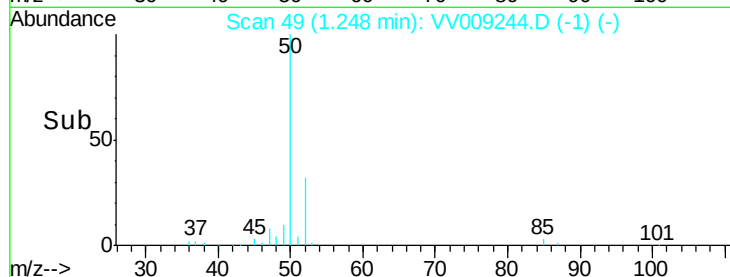
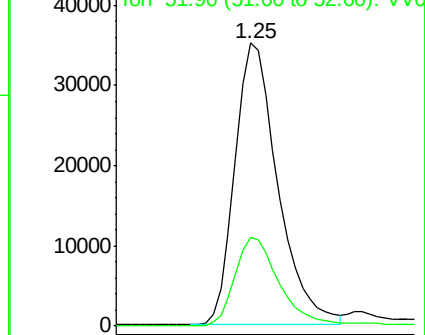
Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VV009244.D (-1) (-)



#4

Vinyl Chloride

Concen: 50.902 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009244.D

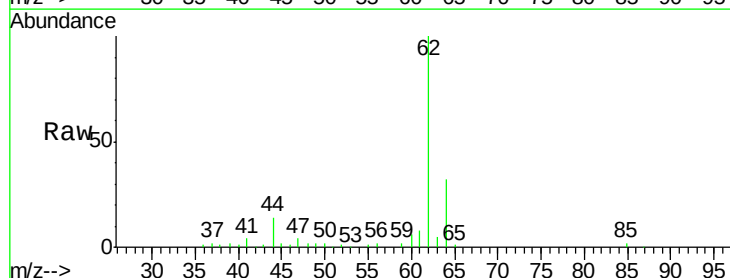
Acq: 23 Jan 2019 11:58

Tgt Ion: 62 Resp: 53210

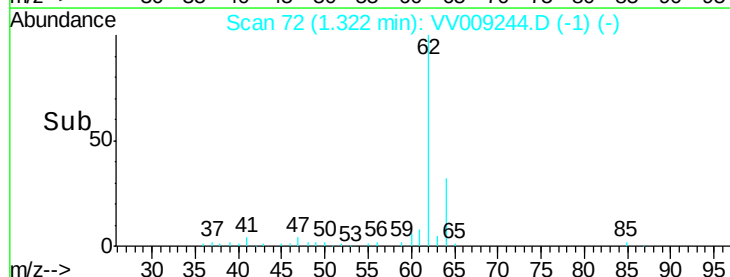
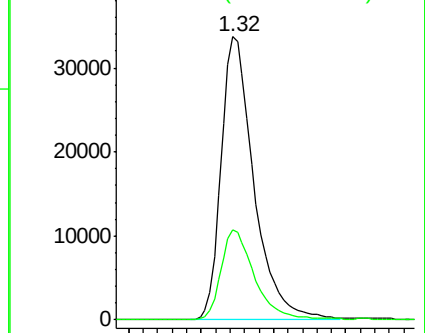
Ion Ratio Lower Upper

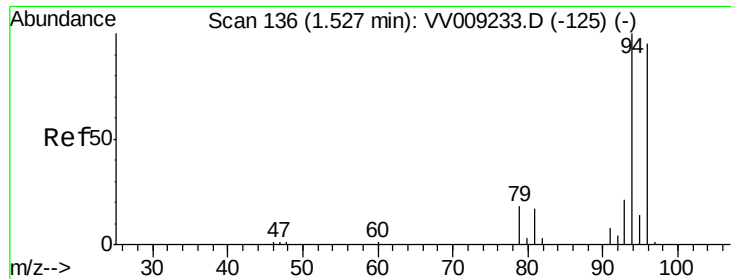
62 100

64 31.8 25.4 38.0



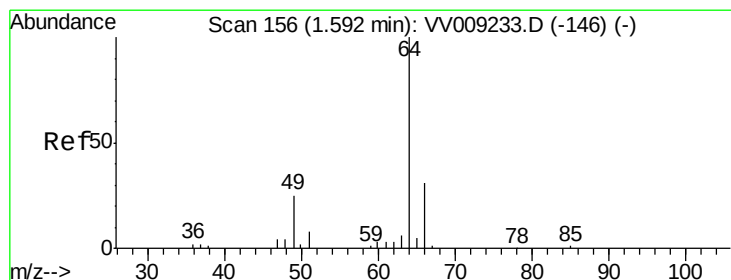
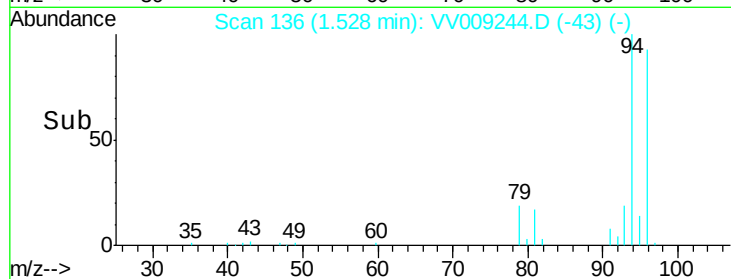
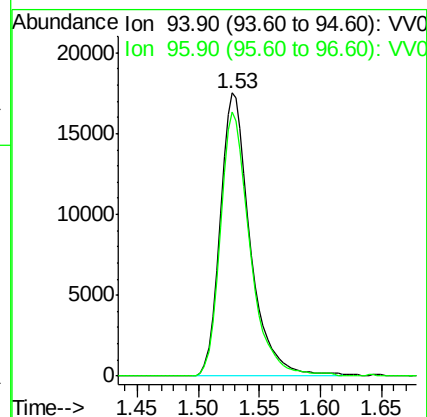
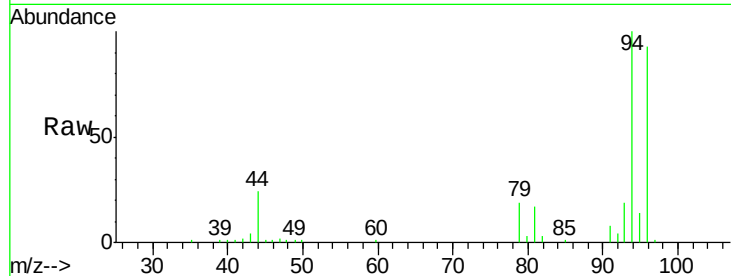
Abundance Ion 61.90 (61.60 to 62.60): VV009244.D (-1) (-)





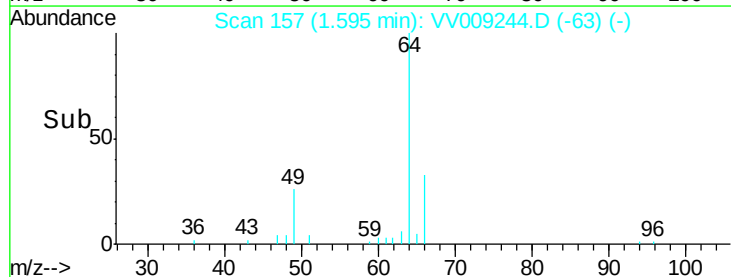
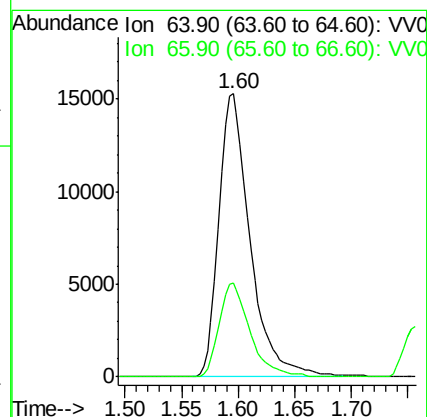
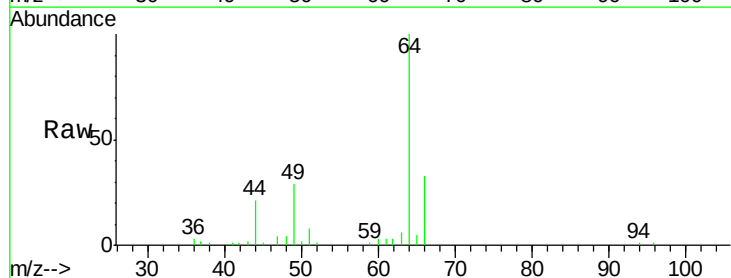
#5  
Bromomethane  
Concen: 50.958 ug/l  
RT: 1.53 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

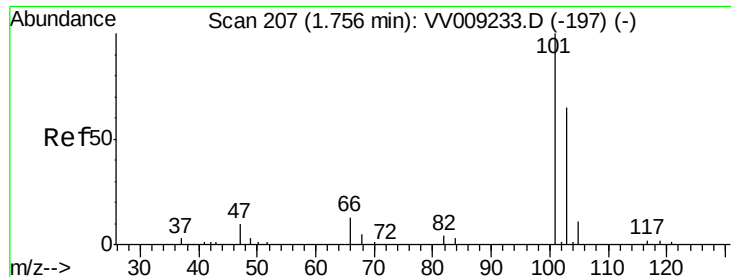
Tot Ion: 94 Resp: 30210  
Ion Ratio Lower Upper  
94 100  
96 93.2 76.3 114.5



#6  
Chloroethane  
Concen: 50.265 ug/l  
RT: 1.60 min Scan# 157  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion: 64 Resp: 29368  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.1 37.7

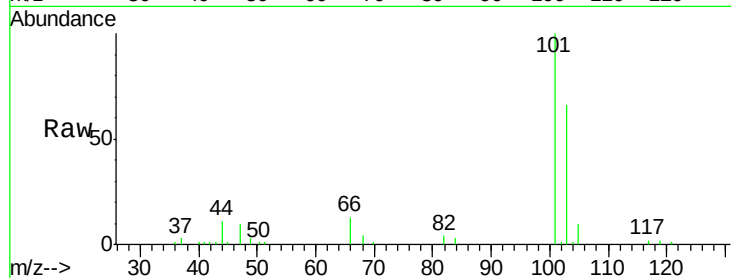




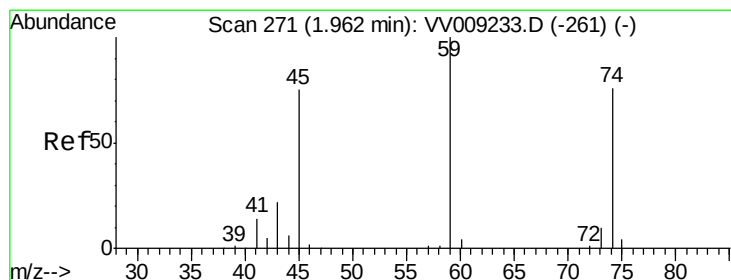
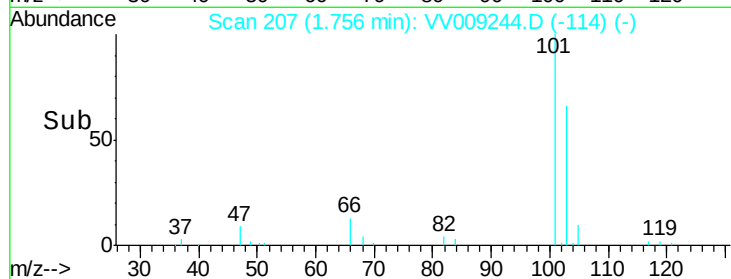
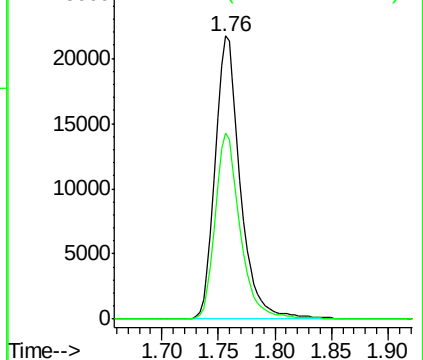
#7

Trichlorofluoromethane  
 Concen: 45.726 ug/l  
 RT: 1.76 min Scan# 207  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tot Ion:101 Resp: 33546  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 52.2 78.4



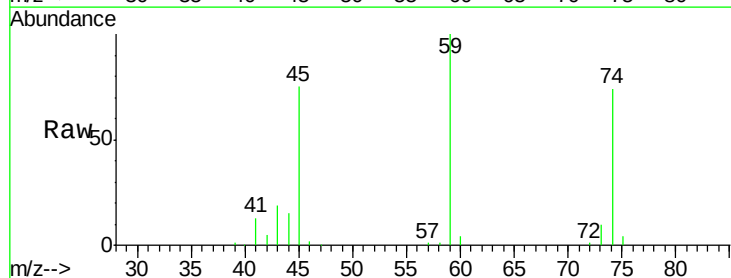
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



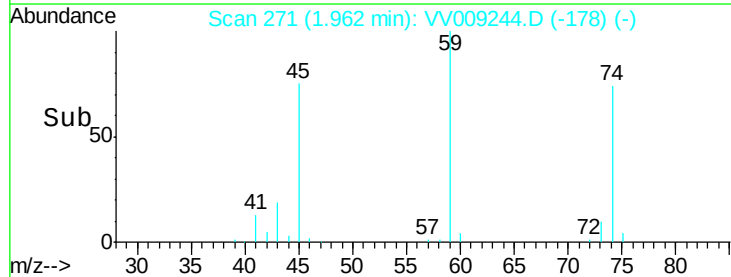
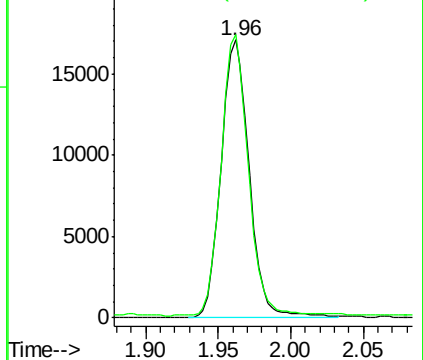
#8

Diethyl Ether  
 Concen: 49.891 ug/l  
 RT: 1.96 min Scan# 271  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

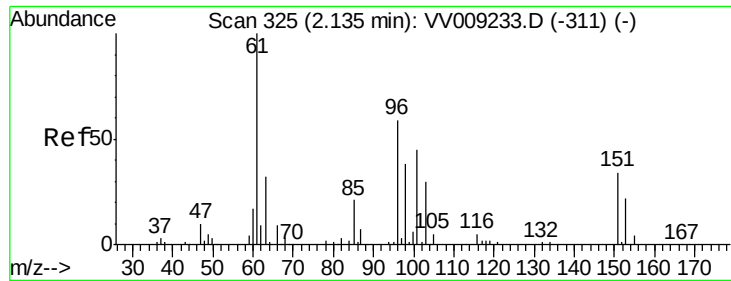
Tgt Ion: 74 Resp: 23020  
 Ion Ratio Lower Upper  
 74 100  
 45 97.3 49.1 147.3



Abundance Ion 74.00 (73.70 to 74.70): VV0  
 Ion 45.00 (44.70 to 45.70): VV0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.594 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

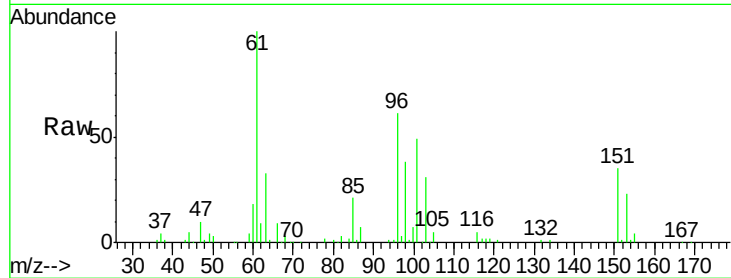
Tot Ion:101 Resp: 47032

Ion Ratio Lower Upper

101 100

85 44.9 35.3 52.9

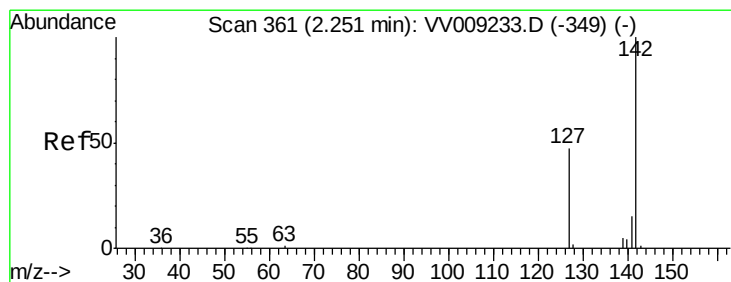
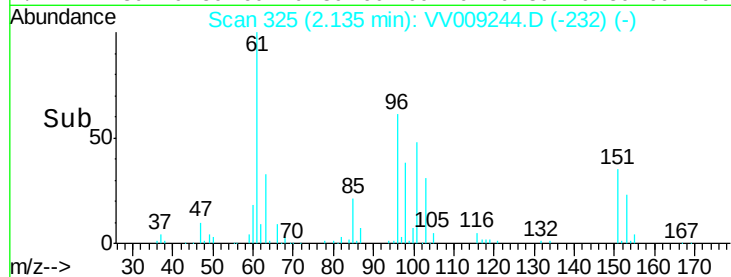
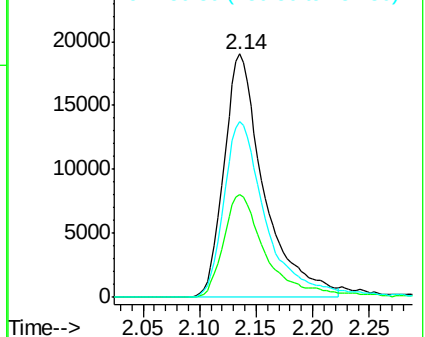
151 76.8 60.1 90.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.988 ug/l

RT: 2.25 min Scan# 361

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

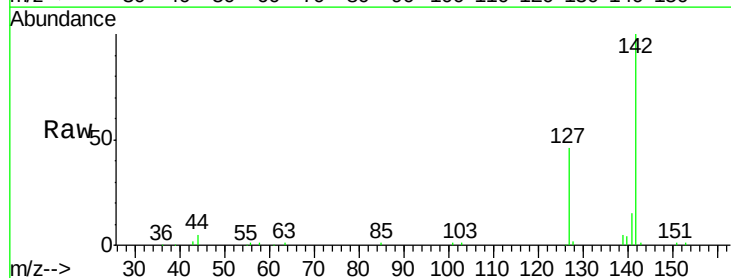
Tgt Ion:142 Resp: 75640

Ion Ratio Lower Upper

142 100

127 46.3 37.9 56.9

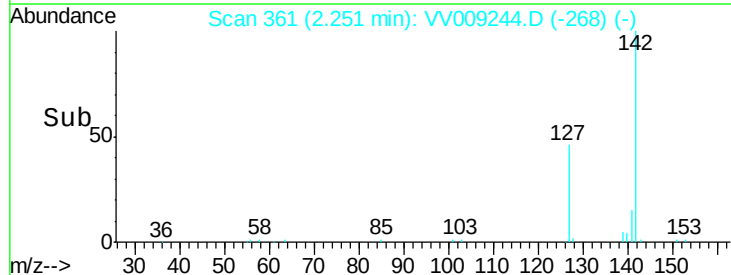
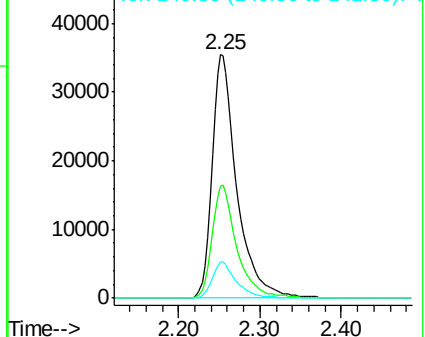
141 14.5 11.7 17.5

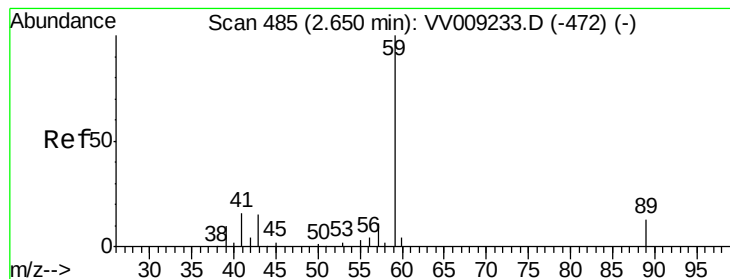


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

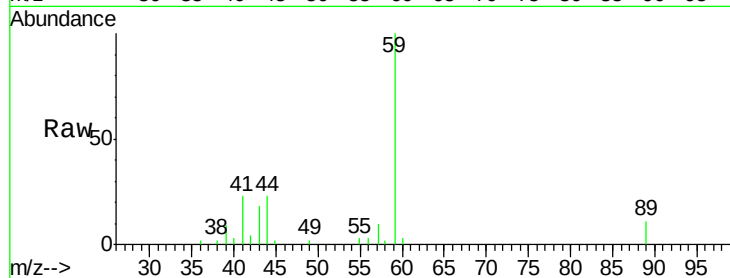




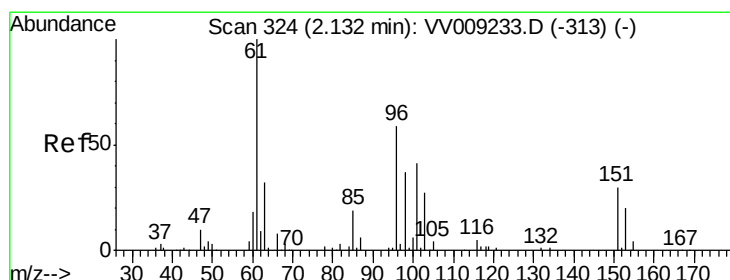
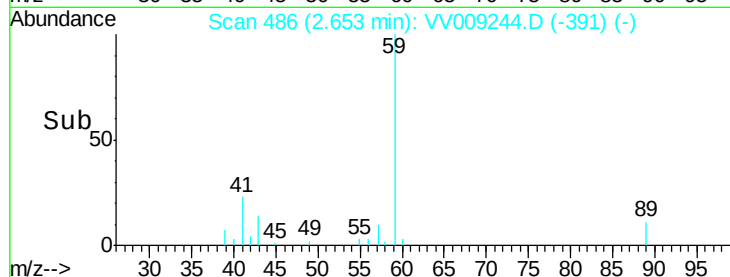
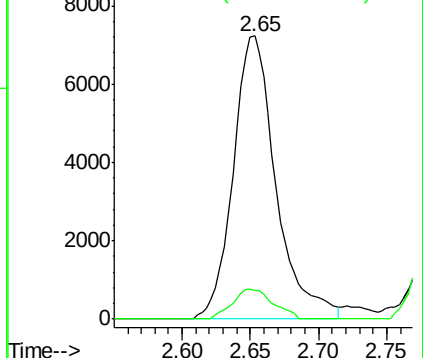
#11

Tert butyl alcohol  
 Concen: 253.565 ug/l  
 RT: 2.65 min Scan# 486  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tot Ion: 59 Resp: 15725  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.4 12.6



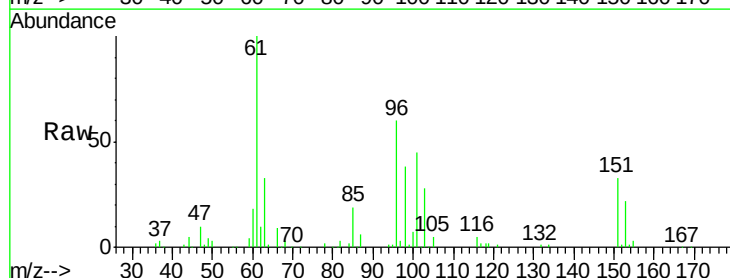
Abundance Ion 59.00 (58.70 to 59.70): VV0  
 Ion 57.00 (56.70 to 57.70): VV0



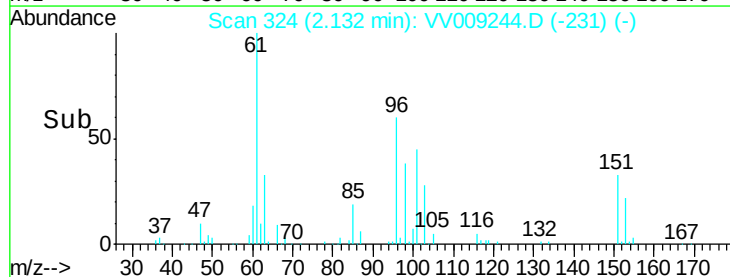
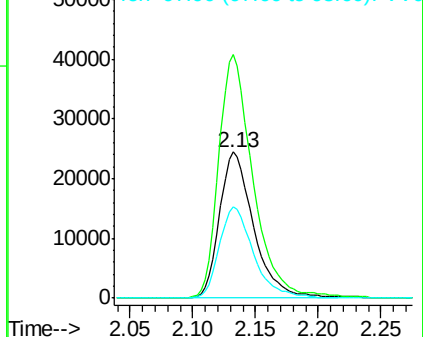
#12

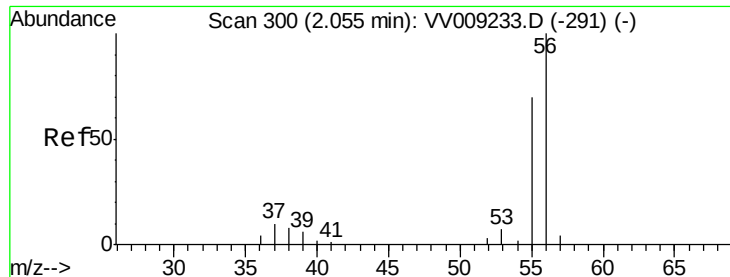
1,1-Dichloroethene  
 Concen: 51.730 ug/l  
 RT: 2.13 min Scan# 324  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tgt Ion: 96 Resp: 46298  
 Ion Ratio Lower Upper  
 96 100  
 61 167.0 136.6 205.0  
 98 62.7 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VV0  
 Ion 60.90 (60.60 to 61.60): VV0  
 Ion 97.90 (97.60 to 98.60): VV0





#13

Acrolein

Concen: 253.360 ug/l

RT: 2.06 min Scan# 300

Delta R.T. 0.00 min

Lab File: VV009244.D

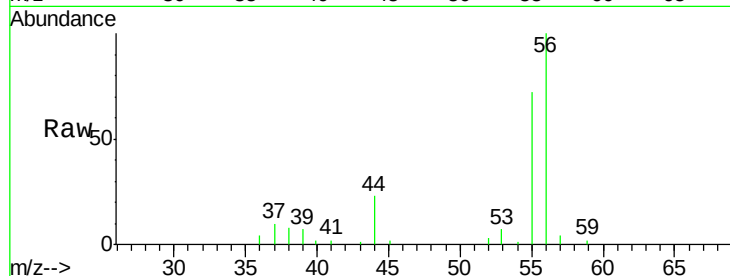
Acq: 23 Jan 2019 11:58

Tot Ion: 56 Resp: 13525

Ion Ratio Lower Upper

56 100

55 70.6 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VV009233.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009233.D (-291) (-)

2.06

8000

6000

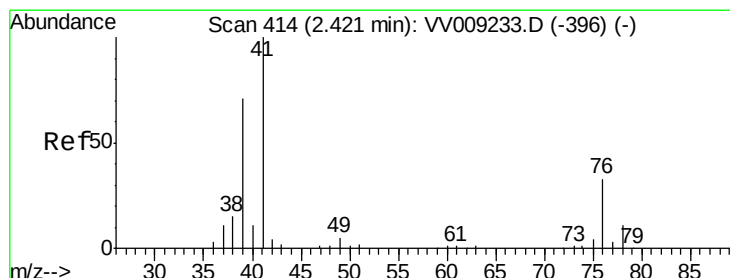
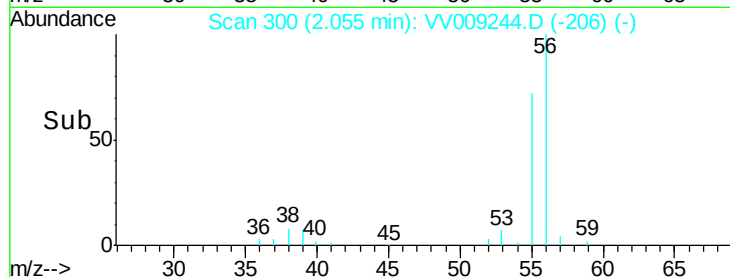
4000

2000

0

Time-->

2.00 2.05 2.10 2.15



#14

Allyl chloride

Concen: 51.043 ug/l

RT: 2.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

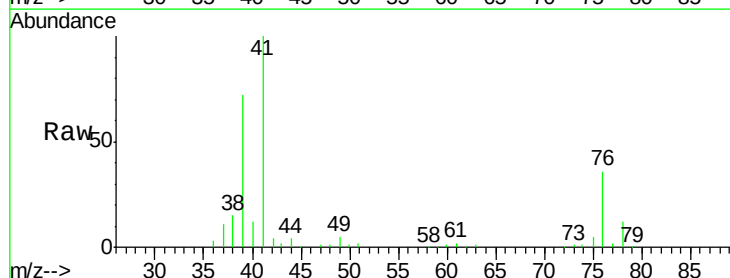
Tgt Ion: 41 Resp: 78735

Ion Ratio Lower Upper

41 100

39 69.6 55.1 82.7

76 36.3 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VV009233.D (-396) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-396) (-)

Ion 75.90 (75.60 to 76.60): VV009233.D (-396) (-)

2.42

80000

60000

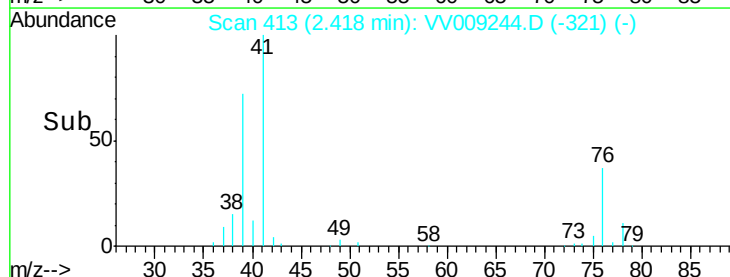
40000

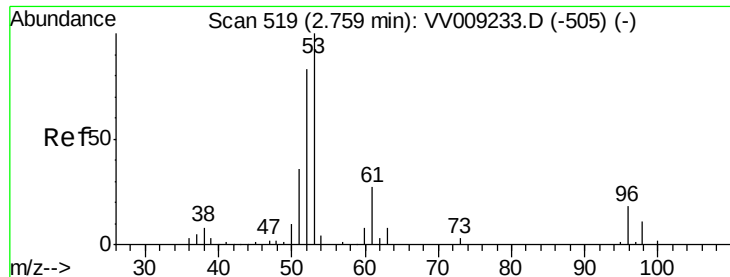
20000

0

Time-->

2.30 2.40 2.50





#15

Acrylonitrile

Concen: 253.903 ug/l

RT: 2.76 min Scan# 518

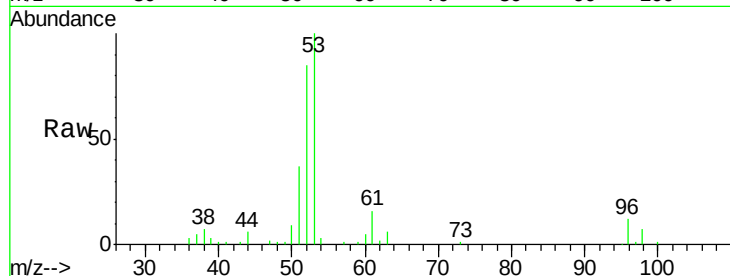
Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tot Ion: 53 Resp: 50746

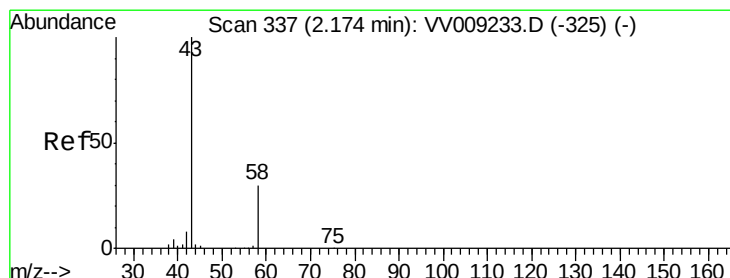
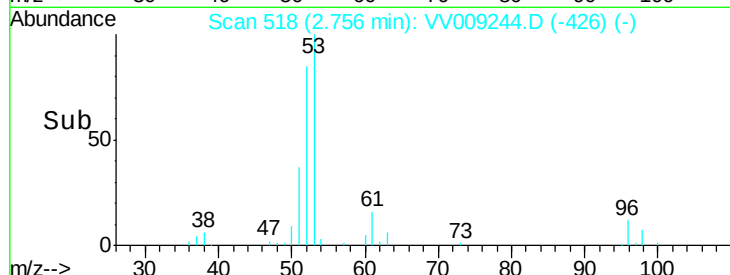
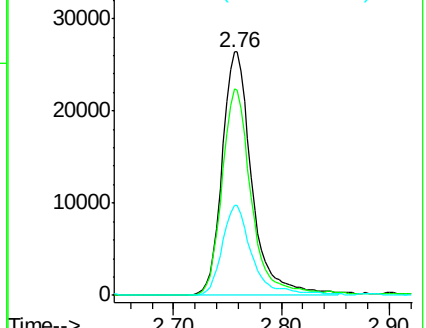
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.1  | 65.3  | 97.9  |
| 51  | 36.6  | 29.0  | 43.4  |



Abundance Ion 53.00 (52.70 to 53.70): VV009233.D (-505) (-)

Ion 52.00 (51.70 to 52.70): VV009233.D (-505) (-)

Ion 51.00 (50.70 to 51.70): VV009233.D (-505) (-)



#16

Acetone

Concen: 235.324 ug/l

RT: 2.17 min Scan# 337

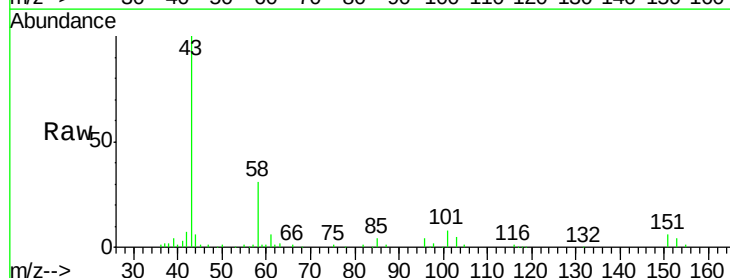
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

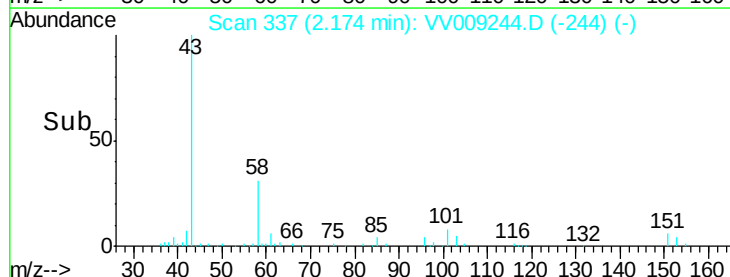
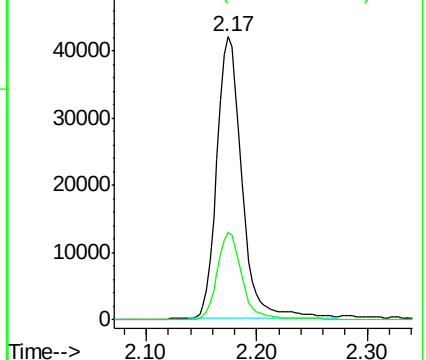
Tgt Ion: 43 Resp: 65795

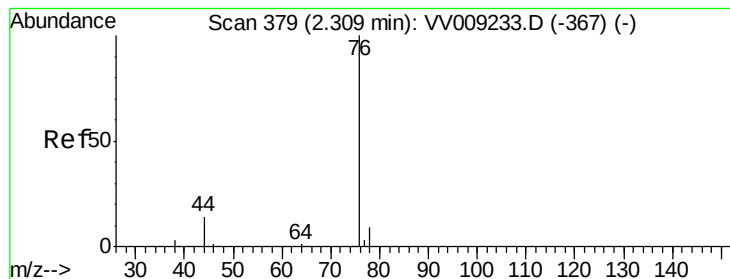
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.2  | 24.4  | 36.6  |



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-325) (-)





#17

Carbon Disulfide

Concen: 51.585 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV009244.D

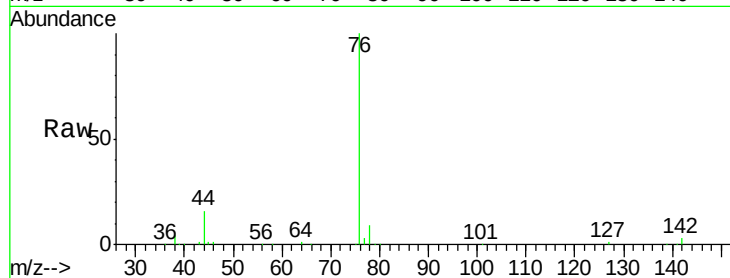
Acq: 23 Jan 2019 11:58

Tot Ion: 76 Resp: 141230

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VV009233.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009244.D (-286) (-)

2.31

80000

60000

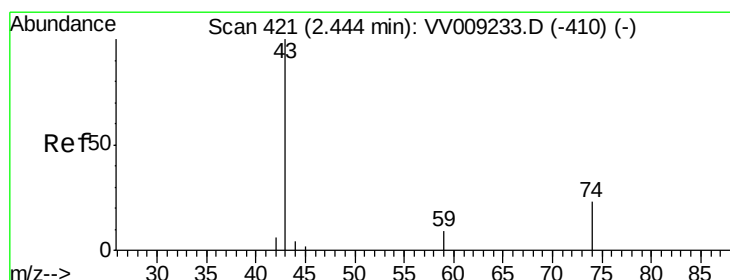
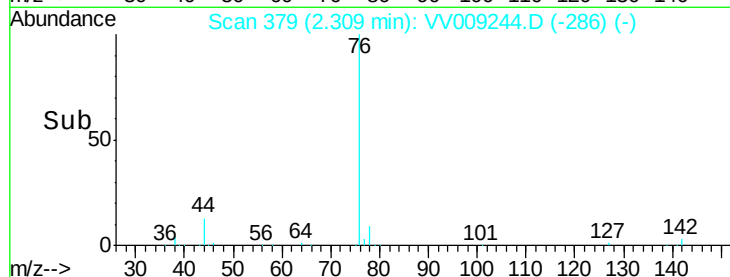
40000

20000

0

Time-->

2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 45.736 ug/l

RT: 2.44 min Scan# 421

Delta R.T. 0.00 min

Lab File: VV009244.D

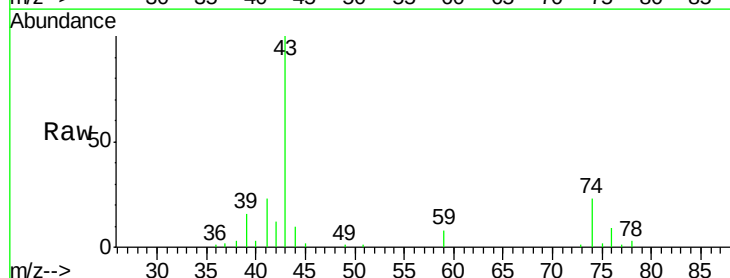
Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 34155

Ion Ratio Lower Upper

43 100

74 23.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-410) (-)

Ion 74.00 (73.70 to 74.70): VV009244.D (-328) (-)

2.44

25000

20000

15000

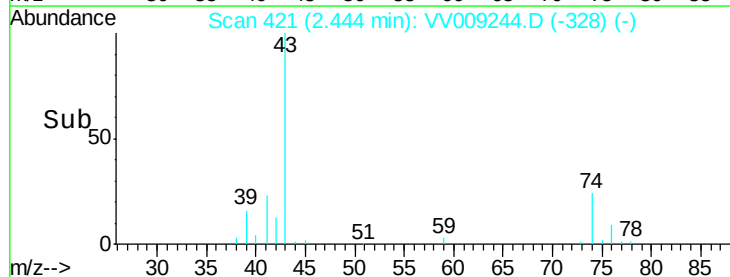
10000

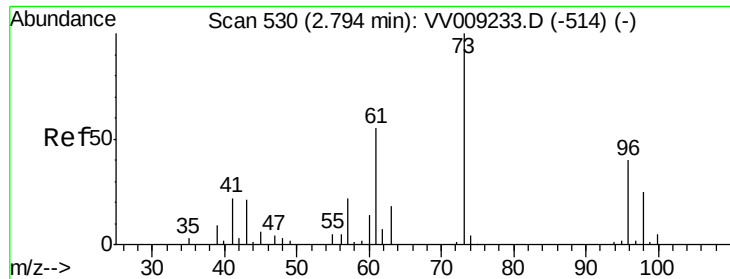
5000

0

Time-->

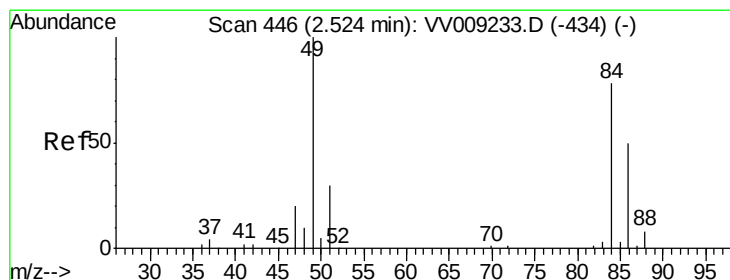
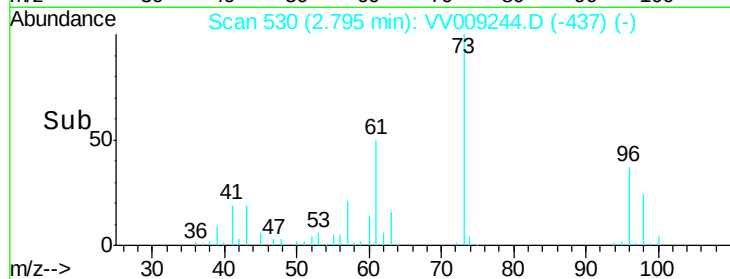
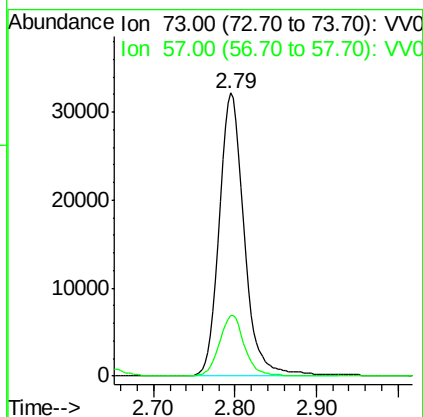
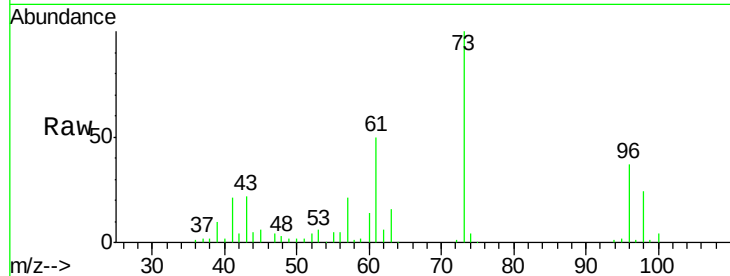
2.35 2.40 2.45 2.50





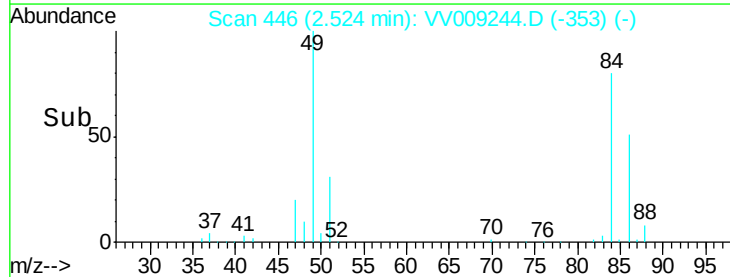
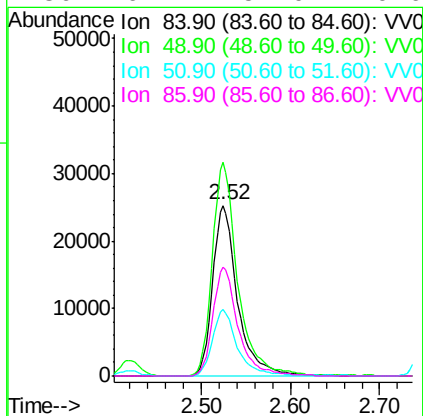
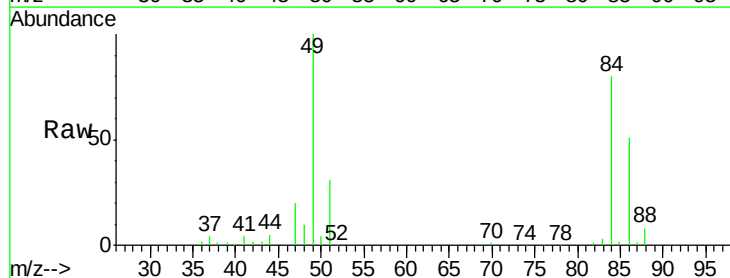
#19  
Methyl tert-butyl Ether  
Concen: 50.569 ug/l  
RT: 2.79 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

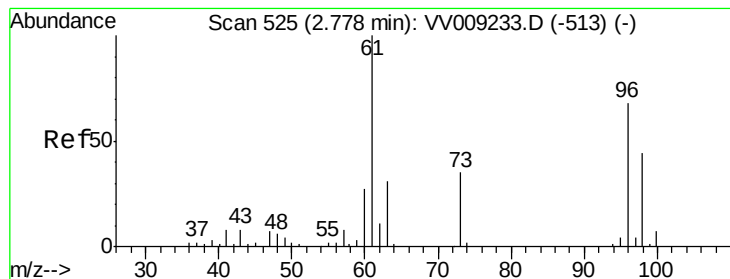
Tot Ion: 73 Resp: 70255  
Ion Ratio Lower Upper  
73 100  
57 21.3 18.0 27.0



#20  
Methylene Chloride  
Concen: 53.126 ug/l  
RT: 2.52 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion: 84 Resp: 48876  
Ion Ratio Lower Upper  
84 100  
49 125.1 102.0 153.0  
51 38.8 30.9 46.3  
86 64.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.798 ug/l

RT: 2.78 min Scan# 525

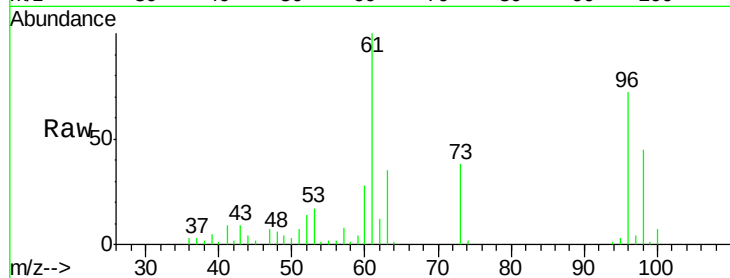
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tot Ion: 96 Resp: 49947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.7 | 117.7 | 176.5 |
| 98  | 63.5  | 51.5  | 77.3  |

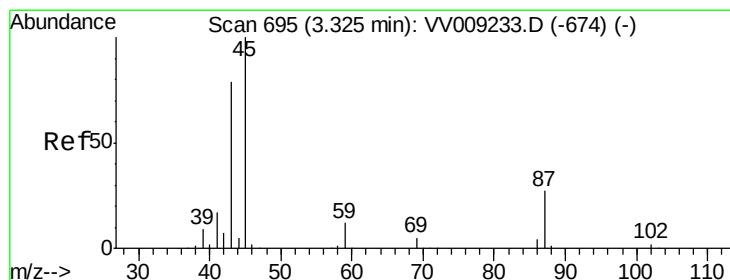
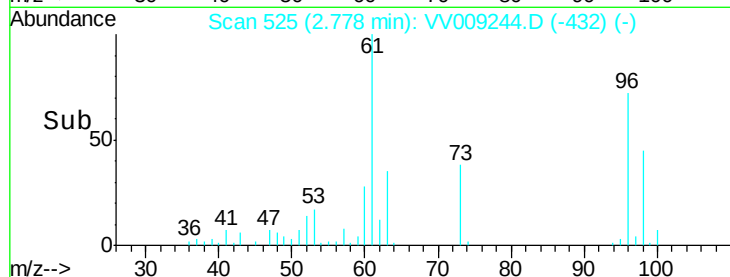
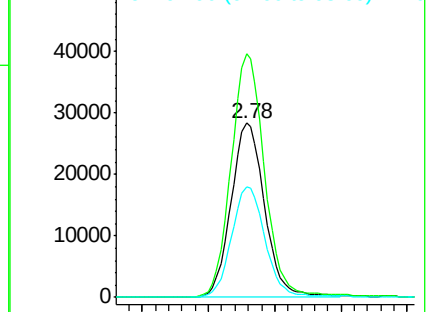


Abundance

Ion 95.90 (95.60 to 96.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

Ion 97.90 (97.60 to 98.60): VV0



#22

Diisopropyl ether

Concen: 51.006 ug/l

RT: 3.32 min Scan# 694

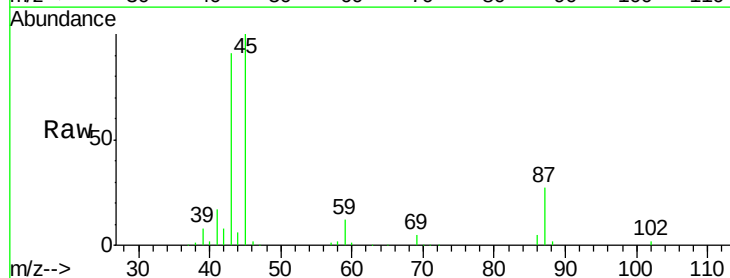
Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 45 Resp: 167533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 89.2  | 63.0  | 94.4  |
| 87  | 26.9  | 21.5  | 32.3  |
| 59  | 12.0  | 9.3   | 13.9  |



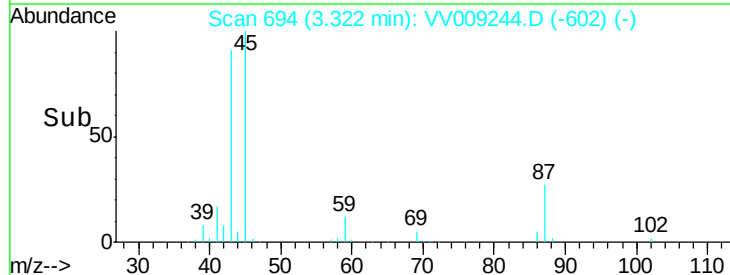
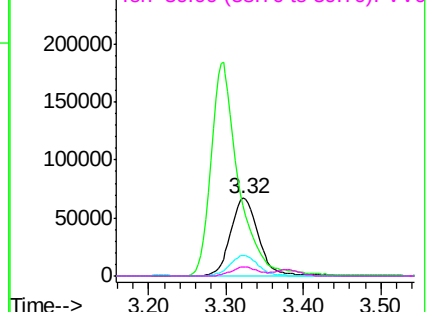
Abundance

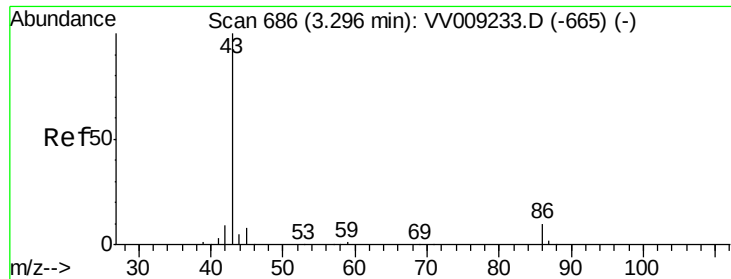
Ion 45.00 (44.70 to 45.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

Ion 59.00 (58.70 to 59.70): VV0





#23

Vinyl Acetate

Concen: 260.023 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009244.D

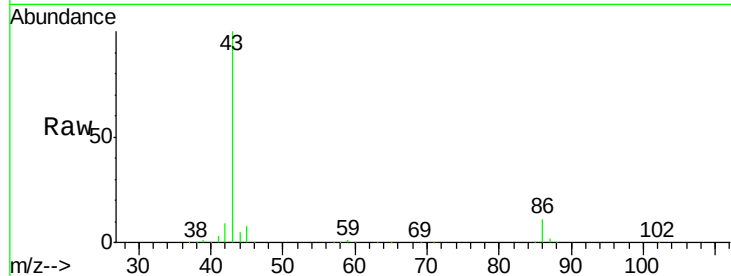
Acq: 23 Jan 2019 11:58

Tot Ion: 43 Resp: 463413

Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-665) (-)

Ion 86.00 (85.70 to 86.70): VV009233.D (-665) (-)

3.30

200000

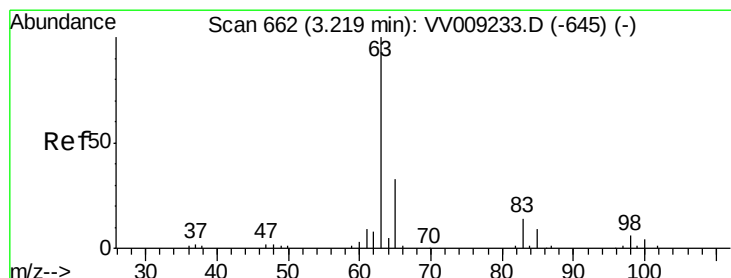
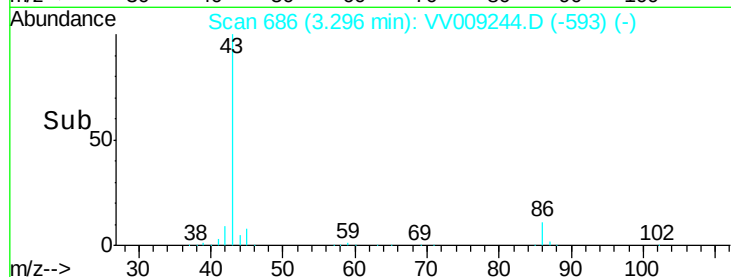
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.363 ug/l

RT: 3.22 min Scan# 661

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

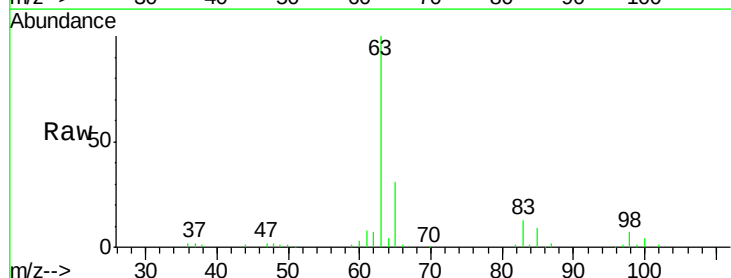
Tgt Ion: 63 Resp: 104962

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VV009233.D (-645) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-645) (-)

Ion 99.90 (99.60 to 100.60): VV009233.D (-645) (-)

3.22

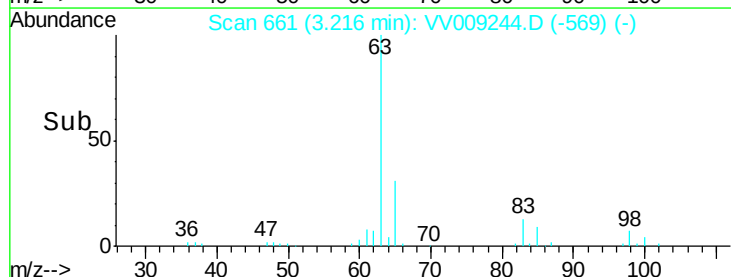
60000

40000

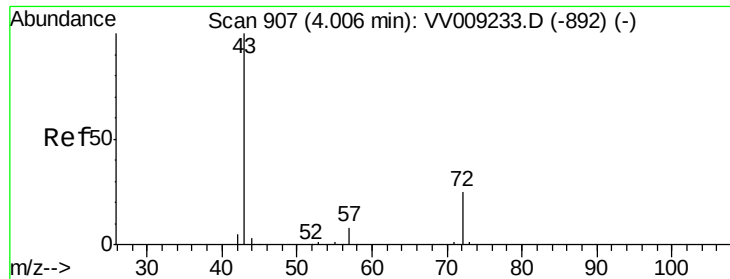
20000

0

Time-->







#25

2-Butanone

Concen: 260.093 ug/l

RT: 4.01 min Scan# 907

Delta R.T. 0.00 min

Lab File: VV009244.D

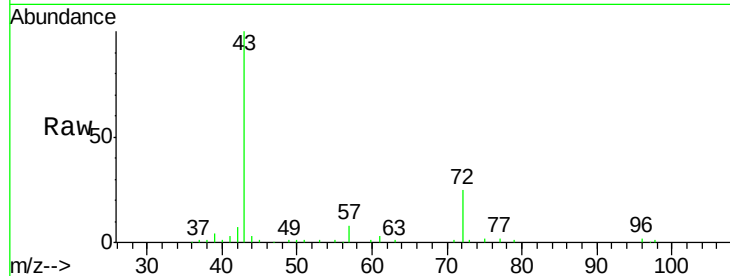
Acq: 23 Jan 2019 11:58

Tot Ion: 43 Resp: 83157

Ion Ratio Lower Upper

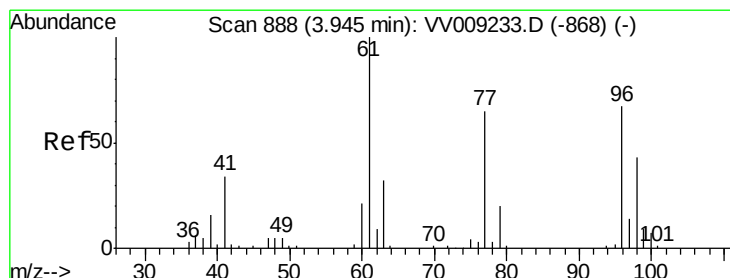
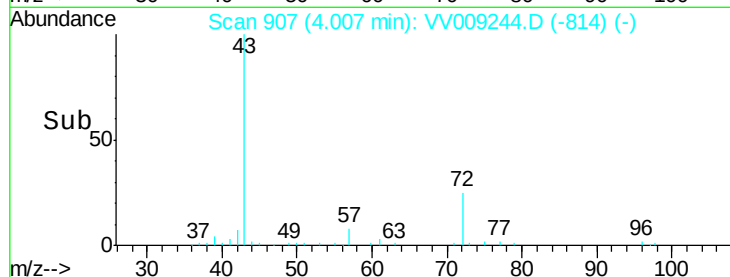
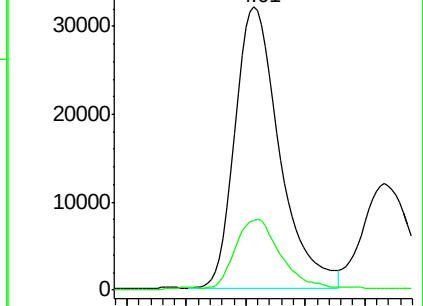
43 100

72 23.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-892) (-)

Ion 72.00 (71.70 to 72.70): VV009233.D (-892) (-)



#26

2,2-Dichloropropane

Concen: 53.831 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009244.D

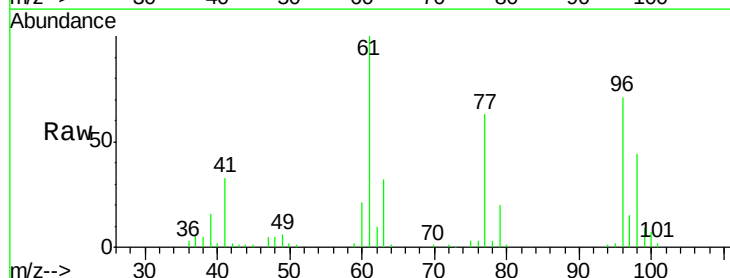
Acq: 23 Jan 2019 11:58

Tgt Ion: 77 Resp: 61910

Ion Ratio Lower Upper

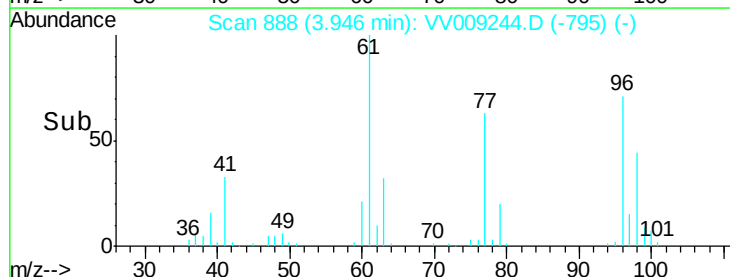
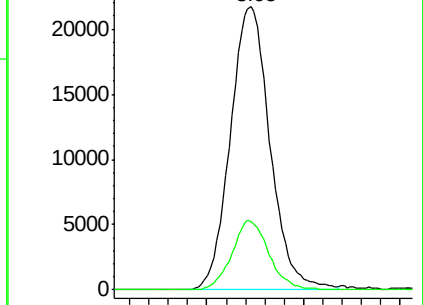
77 100

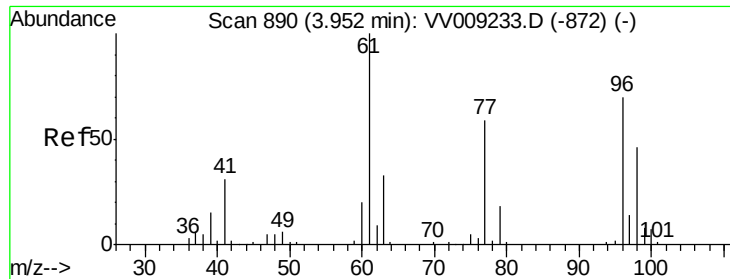
97 22.8 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VV009233.D (-868) (-)

Ion 96.90 (96.60 to 97.60): VV009233.D (-868) (-)





#27

cis-1,2-Dichloroethene

Concen: 52.430 ug/l

RT: 3.95 min Scan# 889

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

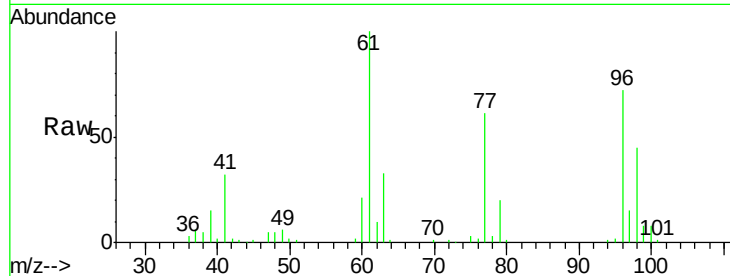
Tot Ion: 96 Resp: 61101

Ion Ratio Lower Upper

96 100

61 144.6 0.0 296.4

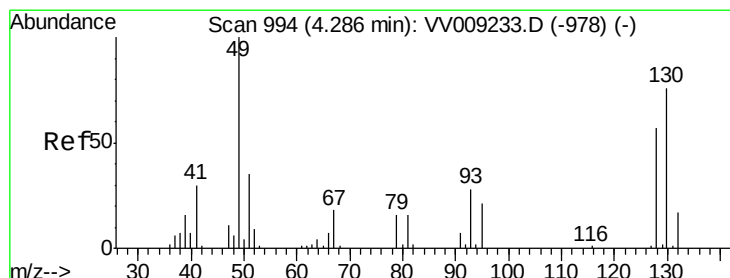
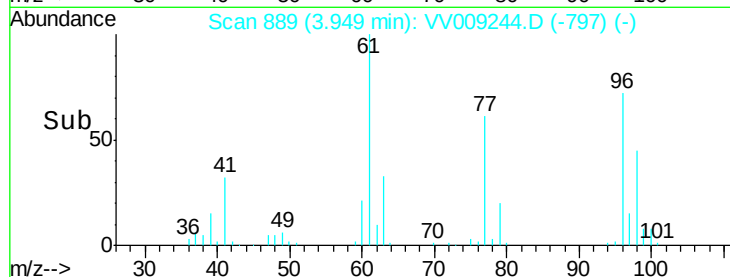
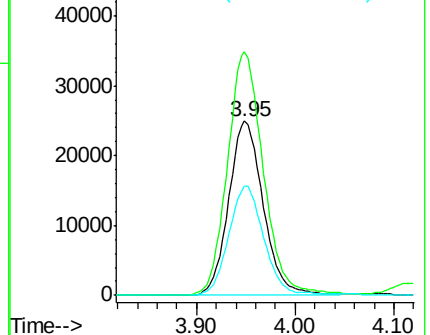
98 63.3 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VV009233.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-872) (-)

Ion 97.90 (97.60 to 98.60): VV009233.D (-872) (-)



#28

Bromochloromethane

Concen: 48.483 ug/l

RT: 4.28 min Scan# 993

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

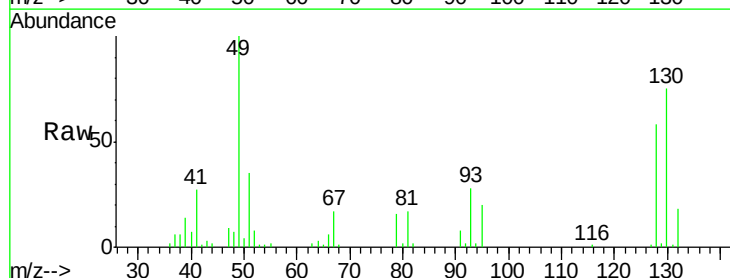
Tgt Ion: 49 Resp: 36562

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

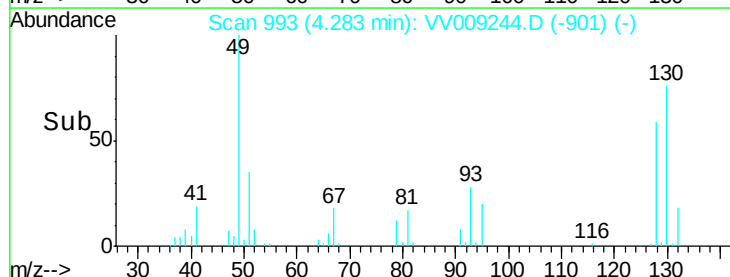
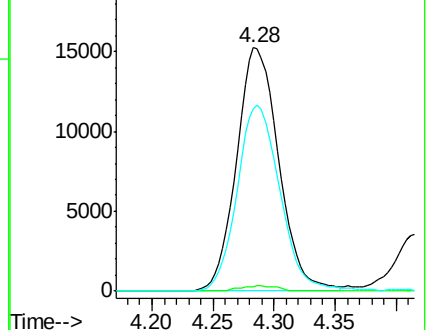
130 77.5 60.2 90.4

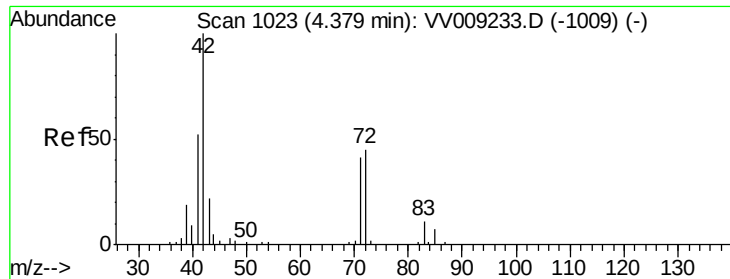


Abundance Ion 48.90 (48.60 to 49.60): VV009233.D (-978) (-)

Ion 128.80 (128.50 to 129.50): VV009233.D (-978) (-)

Ion 129.80 (129.50 to 130.50): VV009233.D (-978) (-)





#29

Tetrahydrofuran

Concen: 264.553 ug/l

RT: 4.38 min Scan# 1023

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

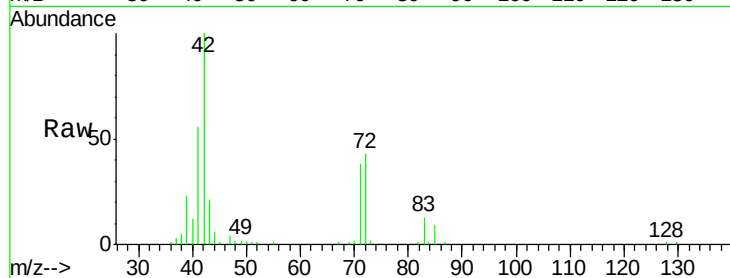
Tot Ion: 42 Resp: 46004

Ion Ratio Lower Upper

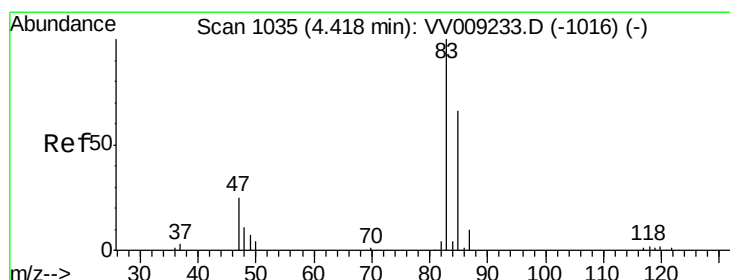
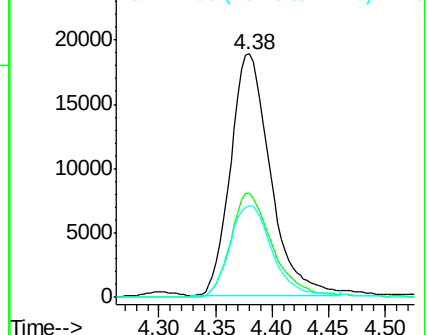
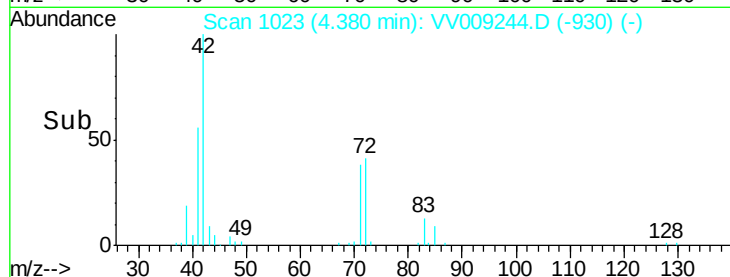
42 100

72 46.1 37.7 56.5

71 40.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VV009233.D (-1009) (-)



#30

Chloroform

Concen: 51.002 ug/l

RT: 4.42 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VV009244.D

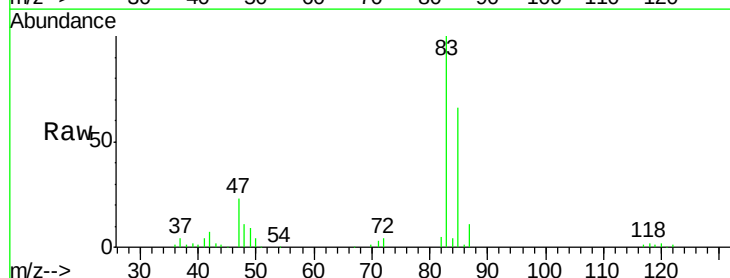
Acq: 23 Jan 2019 11:58

Tgt Ion: 83 Resp: 104677

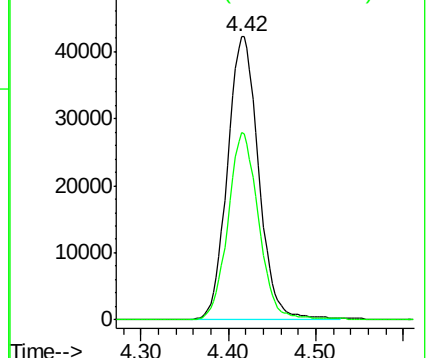
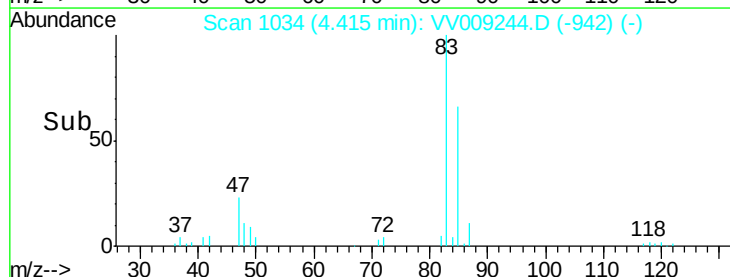
Ion Ratio Lower Upper

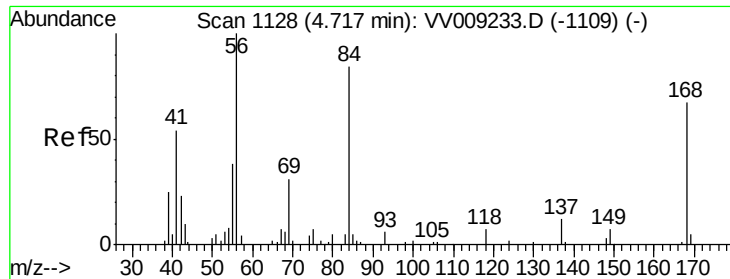
83 100

85 66.0 52.6 79.0



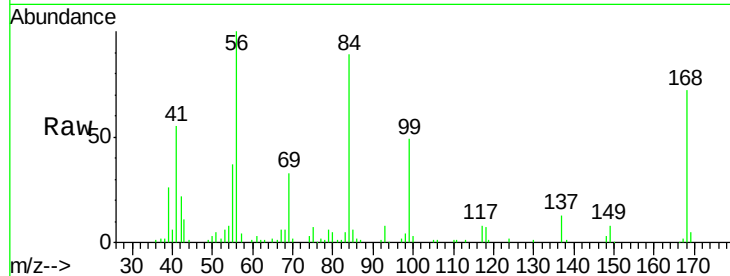
Abundance Ion 82.90 (82.60 to 83.60): VV009233.D (-1016) (-)



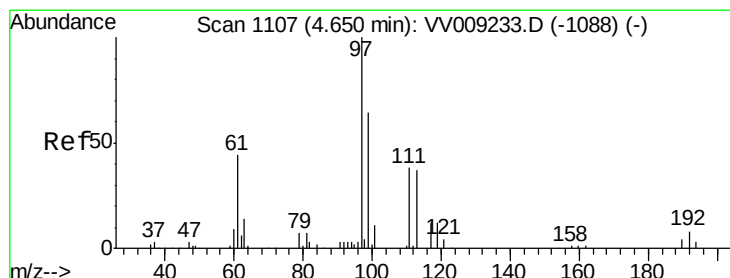
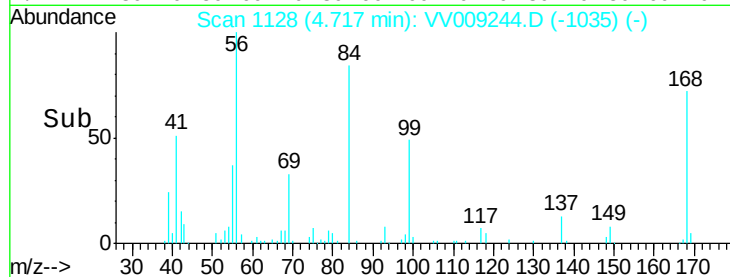
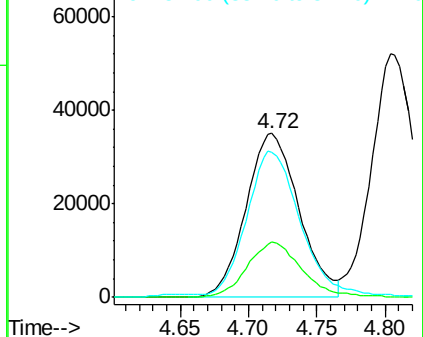


#31  
Cyclohexane  
Concen: 50.745 ug/l  
RT: 4.72 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tot Ion: 56 Resp: 94667  
Ion Ratio Lower Upper  
56 100  
69 33.5 25.1 37.7  
84 87.1 67.3 100.9

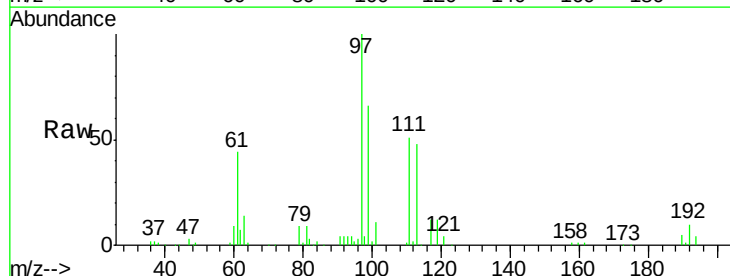


Abundance Ion 56.00 (55.70 to 56.70): VV0  
Ion 69.00 (68.70 to 69.70): VV0  
Ion 84.00 (83.70 to 84.70): VV0

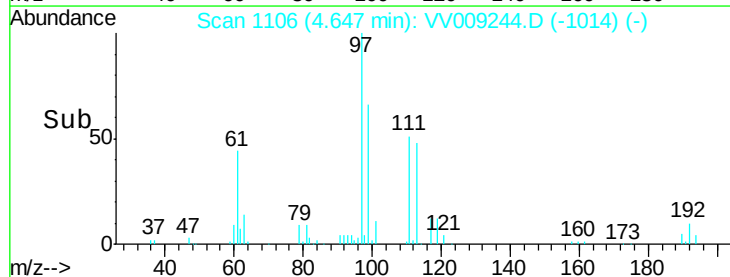
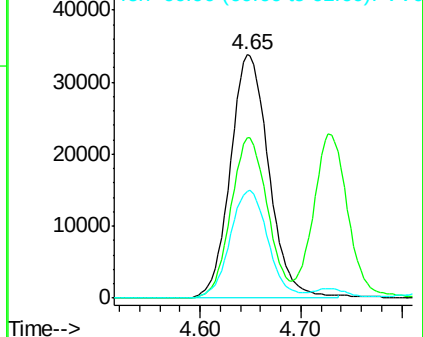


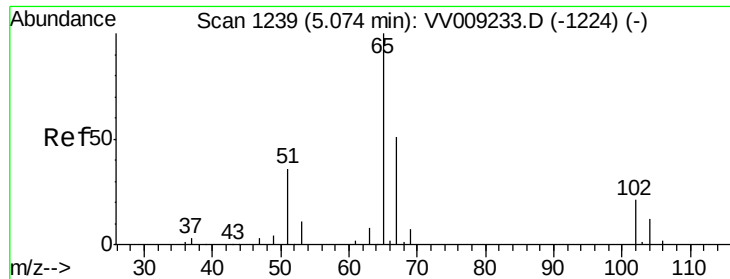
#32  
1,1,1-Trichloroethane  
Concen: 51.651 ug/l  
RT: 4.65 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion: 97 Resp: 89349  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.2 75.2  
61 43.7 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VV0  
Ion 98.90 (98.60 to 99.60): VV0  
Ion 60.90 (60.60 to 61.60): VV0





#33

1,2-Dichloroethane-d4

Concen: 52.728 ug/l

RT: 5.07 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VV009244.D

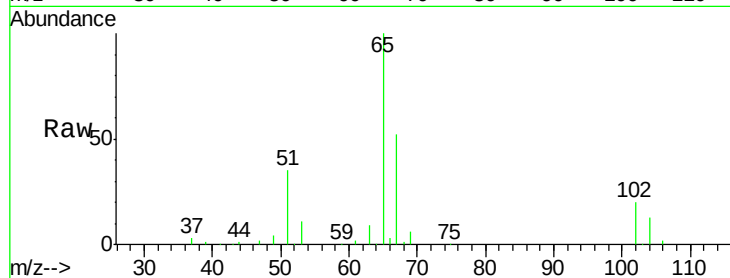
Acq: 23 Jan 2019 11:58

Tot Ion: 65 Resp: 54336

Ion Ratio Lower Upper

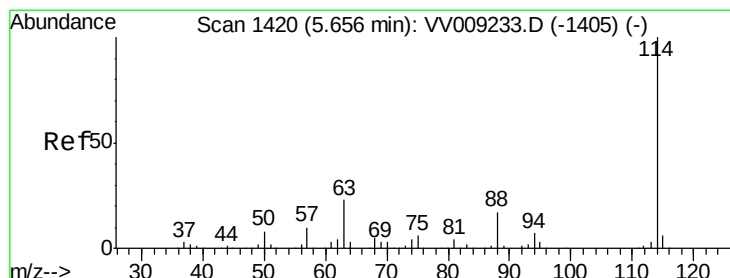
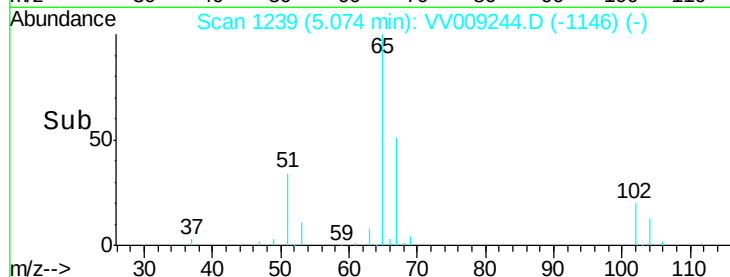
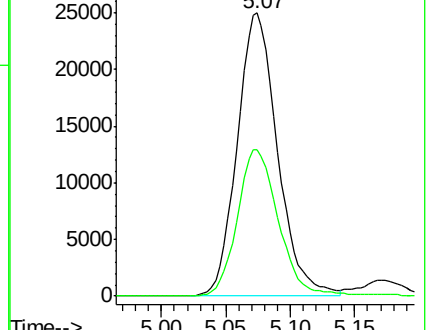
65 100

67 52.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VV009244.D (-1146) (-)

Ion 66.90 (66.60 to 67.60): VV009244.D (-1146) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

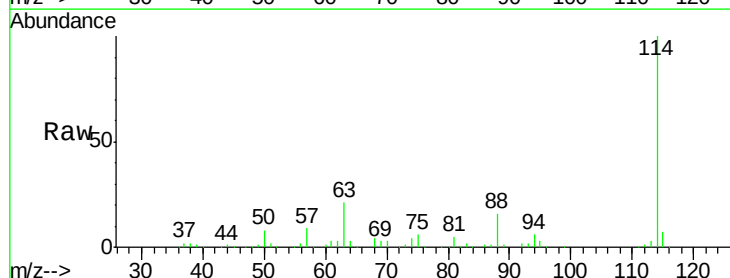
Tgt Ion: 114 Resp: 140329

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

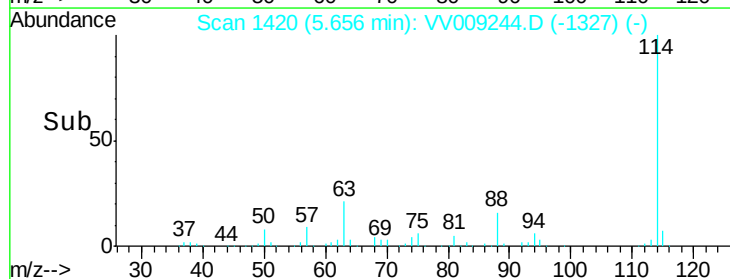
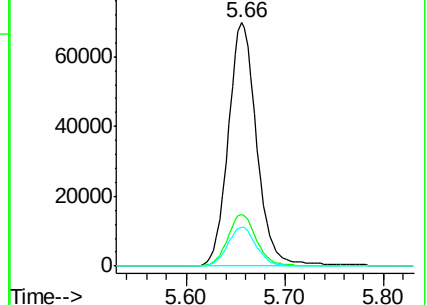
88 15.9 0.0 33.4

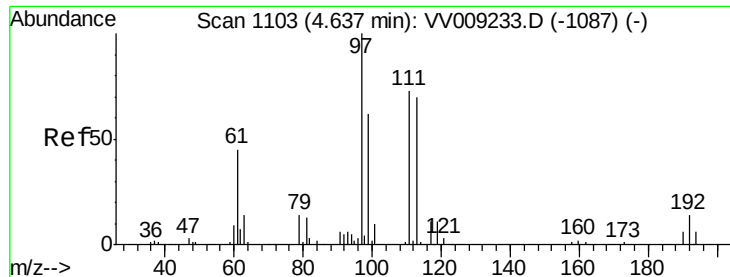


Abundance Ion 113.90 (113.60 to 114.60): VV009244.D (-1327) (-)

Ion 63.00 (62.70 to 63.70): VV009244.D (-1327) (-)

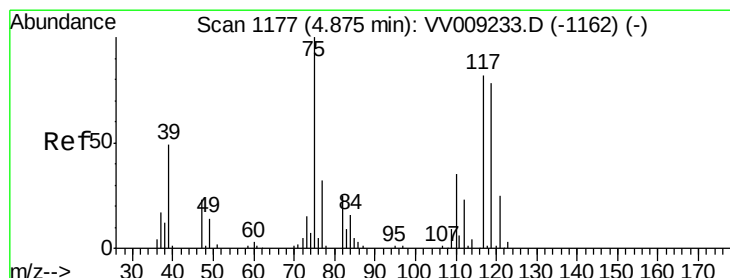
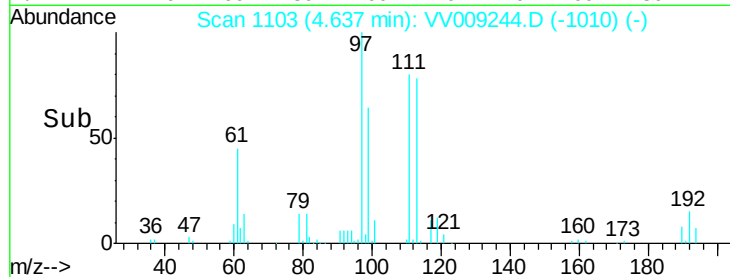
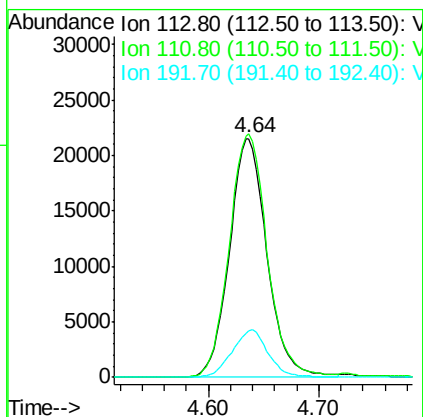
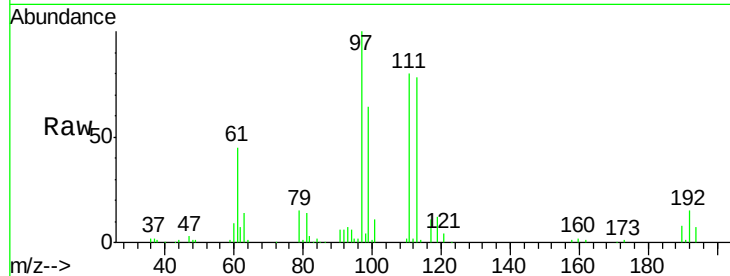
Ion 87.90 (87.60 to 88.60): VV009244.D (-1327) (-)





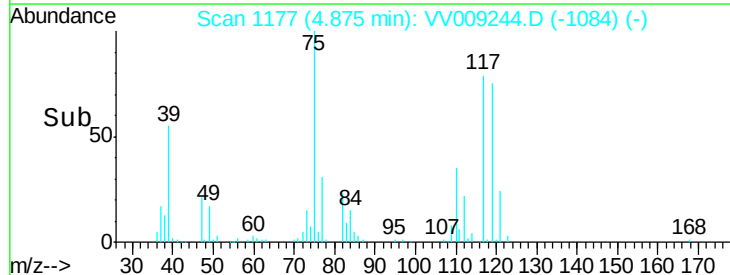
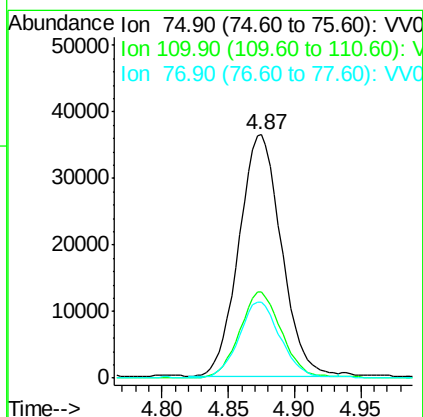
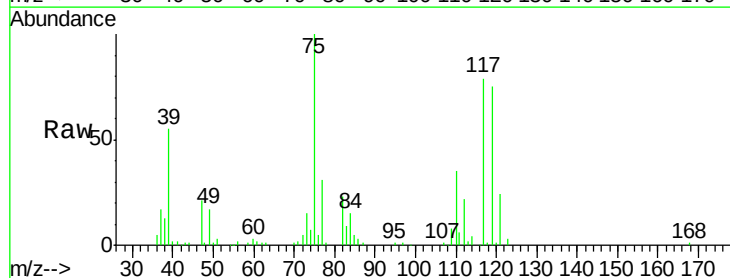
#35  
 Dibromofluoromethane  
 Concen: 55.395 ug/l  
 RT: 4.64 min Scan# 1103  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

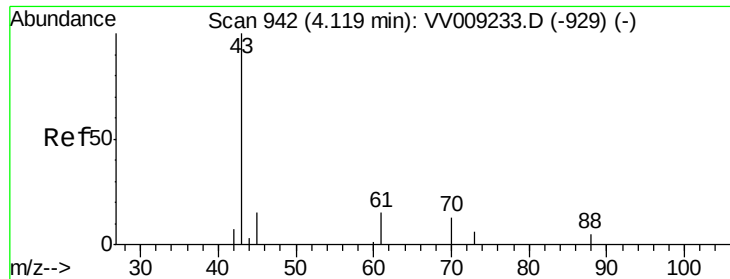
Tot Ion: 113 Resp: 50584  
 Ion Ratio Lower Upper  
 113 100  
 111 103.2 82.4 123.6  
 192 19.1 15.0 22.6



#36  
 1,1-Dichloropropene  
 Concen: 51.610 ug/l  
 RT: 4.87 min Scan# 1177  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tgt Ion: 75 Resp: 80410  
 Ion Ratio Lower Upper  
 75 100  
 110 35.7 17.5 52.5  
 77 30.2 25.5 38.3





#37

Ethyl Acetate

Concen: 54.966 ug/l

RT: 4.12 min Scan# 941

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

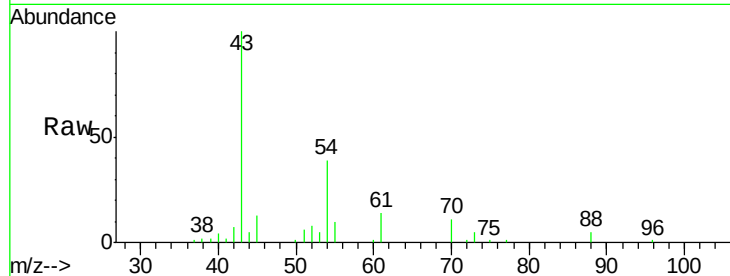
Tot Ion: 43 Resp: 32912

Ion Ratio Lower Upper

43 100

61 13.8 12.0 18.0

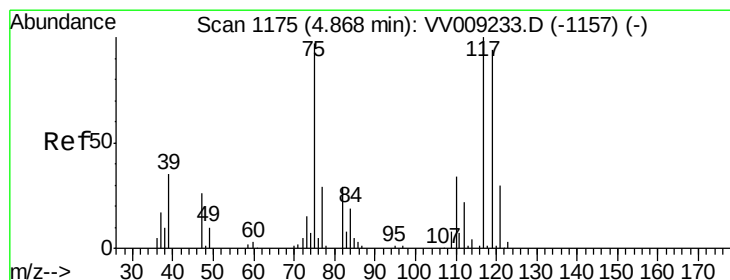
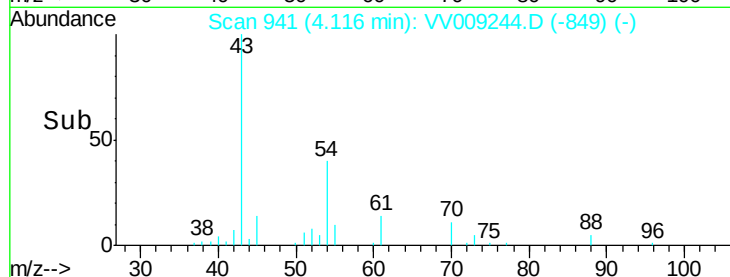
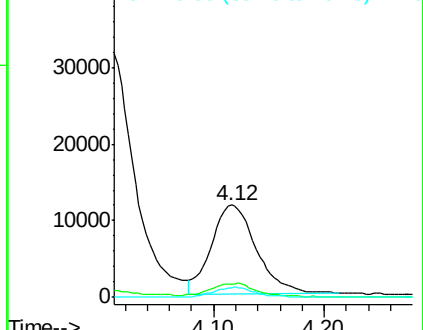
70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-929) (-)

Ion 60.90 (60.60 to 61.60): VV009233.D (-929) (-)

Ion 70.00 (69.70 to 70.70): VV009233.D (-929) (-)



#38

Carbon Tetrachloride

Concen: 52.795 ug/l

RT: 4.87 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

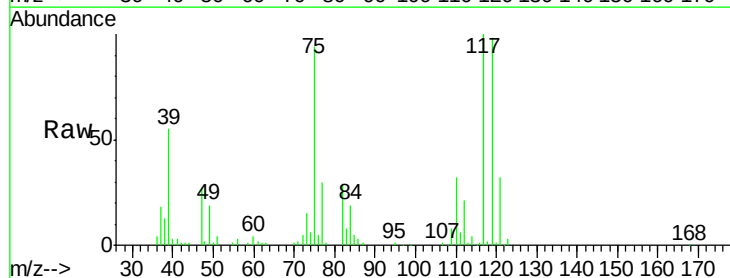
Tgt Ion: 117 Resp: 82349

Ion Ratio Lower Upper

117 100

119 97.7 75.4 113.2

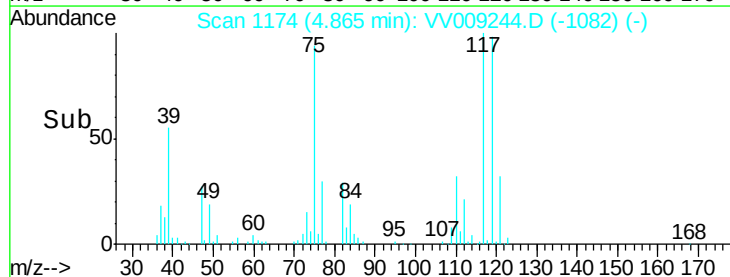
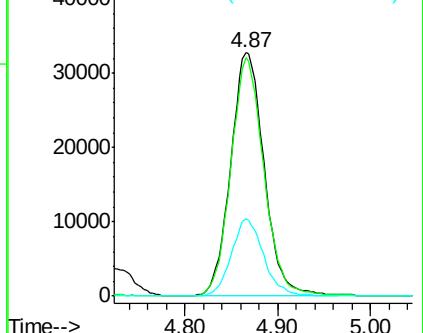
121 31.8 24.2 36.2

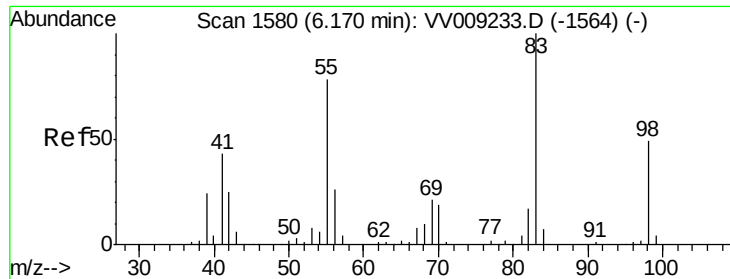


Abundance Ion 116.80 (116.50 to 117.50): VV009233.D (-1157) (-)

Ion 118.80 (118.50 to 119.50): VV009233.D (-1157) (-)

Ion 120.80 (120.50 to 121.50): VV009233.D (-1157) (-)





#39

Methylvlcyclohexane

Concen: 54.440 ug/l

RT: 6.17 min Scan# 1580

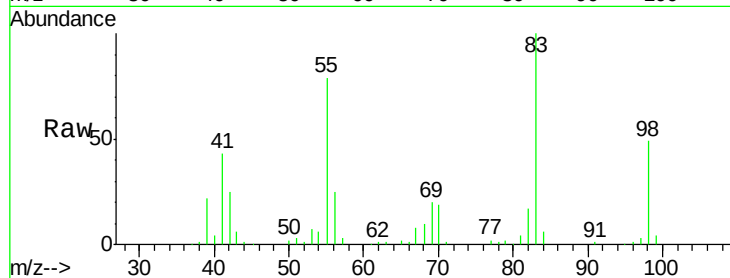
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tot Ion: 83 Resp: 100442

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.6  | 62.8  | 94.2  |
| 98  | 49.0  | 39.1  | 58.7  |

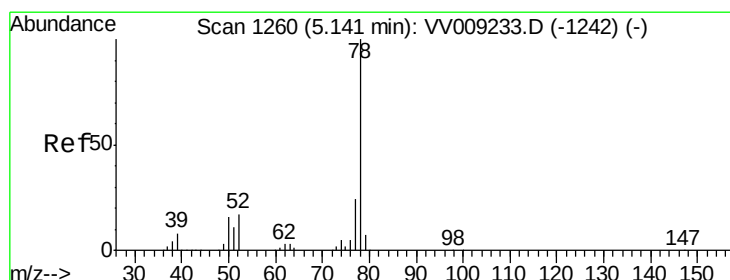
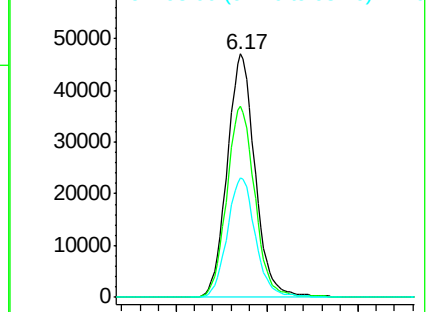
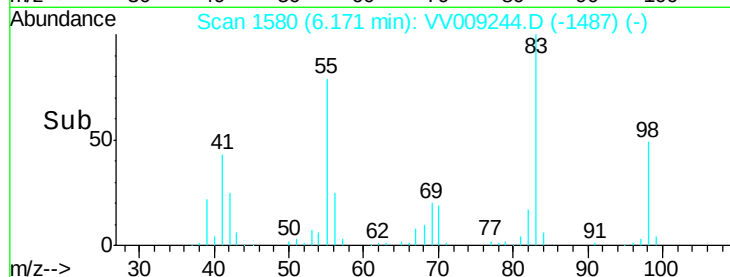


Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#40

Benzene

Concen: 52.985 ug/l

RT: 5.14 min Scan# 1259

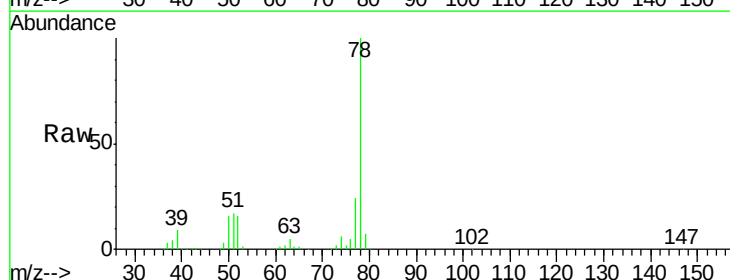
Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 78 Resp: 230887

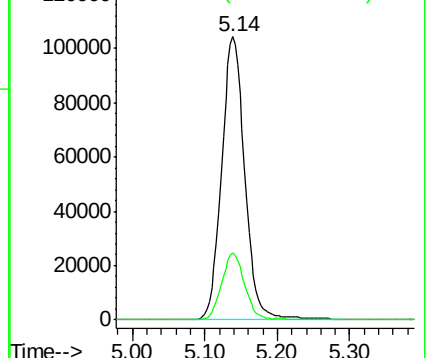
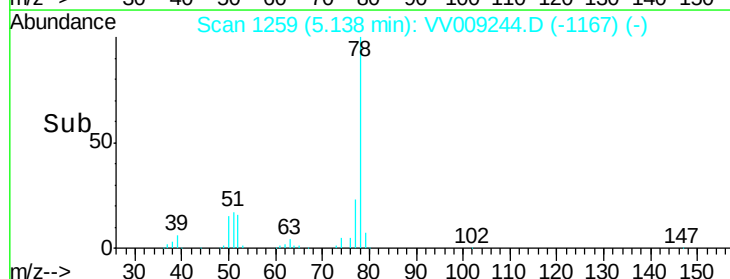
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.7  | 19.4  | 29.2  |



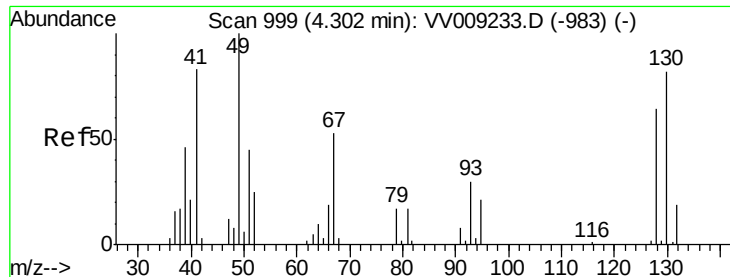
Abundance

Ion 78.00 (77.70 to 78.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

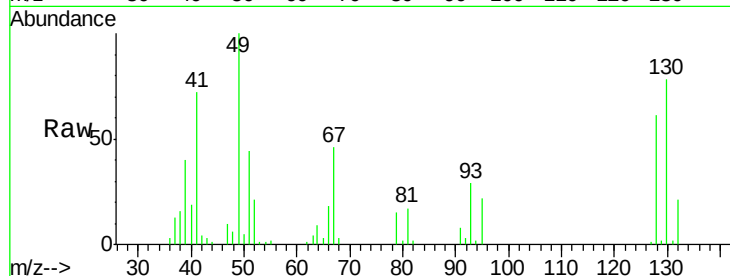




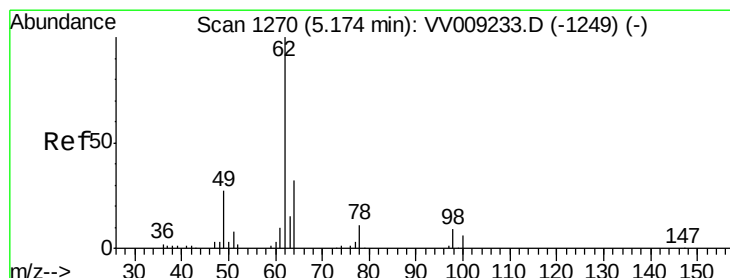
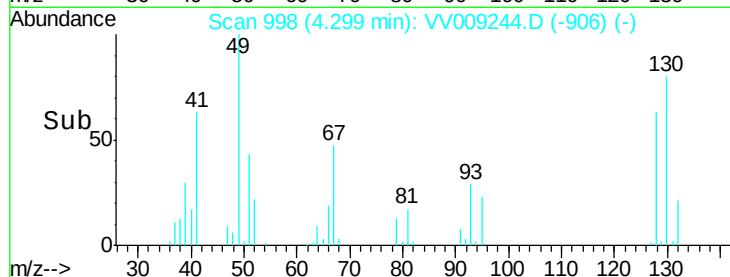
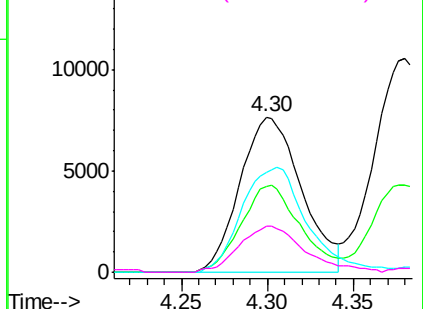


#41  
Methacrylonitrile  
Concen: 52.684 ug/l  
RT: 4.30 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tot Ion: 41 Resp: 19012  
Ion Ratio Lower Upper  
41 100  
39 54.5 45.4 68.0  
67 71.7 55.5 83.3  
52 31.4 25.2 37.8

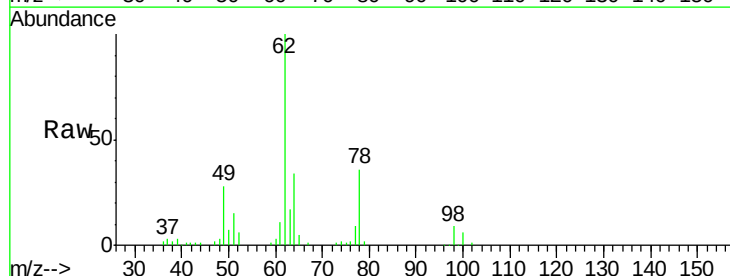


Abundance Ion 41.00 (40.70 to 41.70): VV0  
Ion 39.00 (38.70 to 39.70): VV0  
Ion 67.00 (66.70 to 67.70): VV0  
Ion 52.00 (51.70 to 52.70): VV0

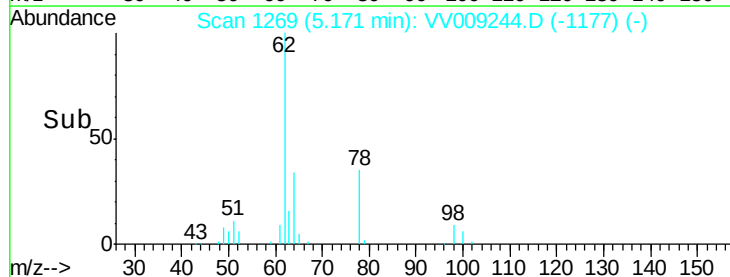
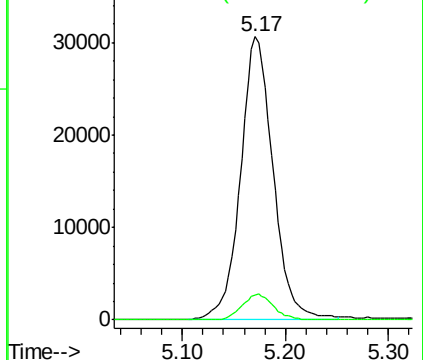


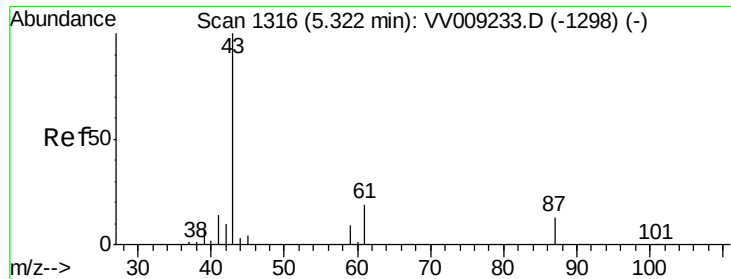
#42  
1,2-Dichloroethane  
Concen: 49.455 ug/l  
RT: 5.17 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion: 62 Resp: 67448  
Ion Ratio Lower Upper  
62 100  
98 8.6 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0  
Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 53.284 ug/l

RT: 5.32 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

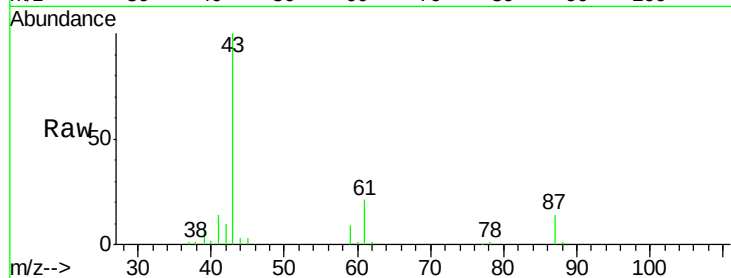
Tot Ion: 43 Resp: 62757

Ion Ratio Lower Upper

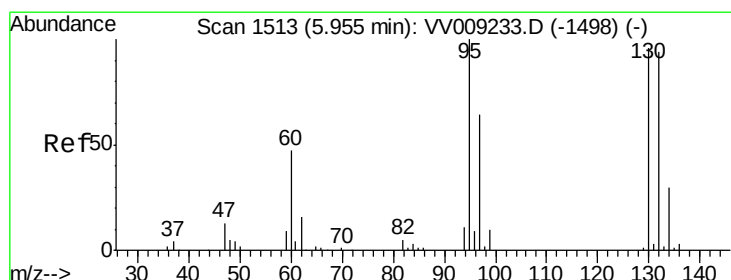
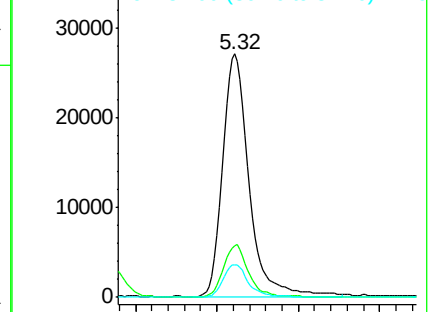
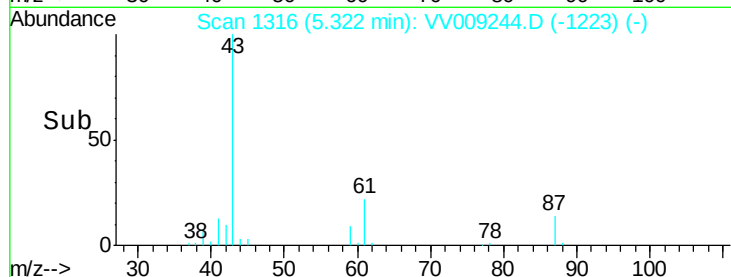
43 100

61 20.6 15.4 23.0

87 13.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1298) (-)



#44

Trichloroethene

Concen: 52.999 ug/l

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV009244.D

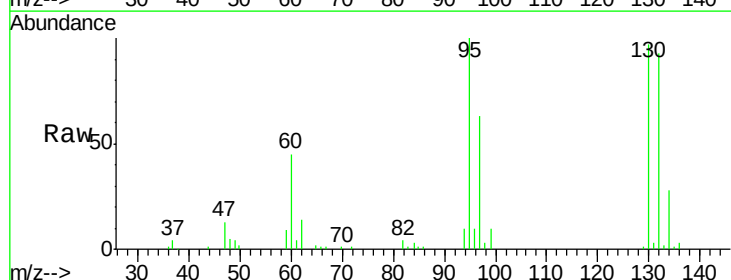
Acq: 23 Jan 2019 11:58

Tgt Ion:130 Resp: 60774

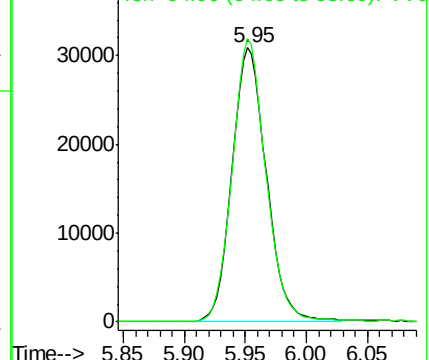
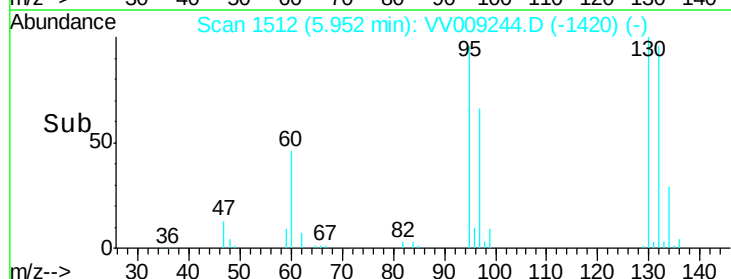
Ion Ratio Lower Upper

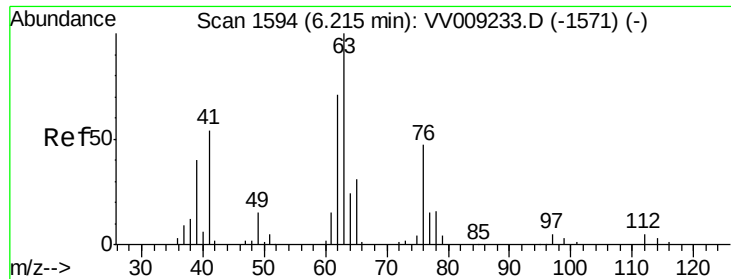
130 100

95 103.3 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VV009233.D (-1498) (-)





#45

1,2-Dichloropropane

Concen: 52.332 ug/l

RT: 6.22 min Scan# 1594

Delta R.T. 0.00 min

Lab File: VV009244.D

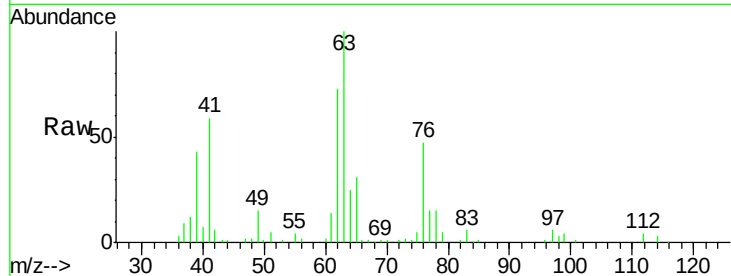
Acq: 23 Jan 2019 11:58

Tot Ion: 63 Resp: 54853

Ion Ratio Lower Upper

63 100

65 30.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VV009244.D (-1501) (-)

Ion 64.90 (64.60 to 65.60): VV009244.D (-1501) (-)

6.22

30000

25000

20000

15000

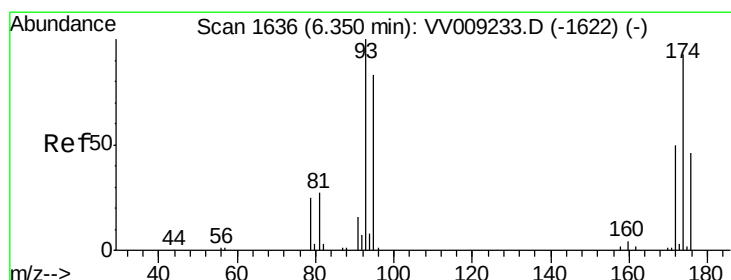
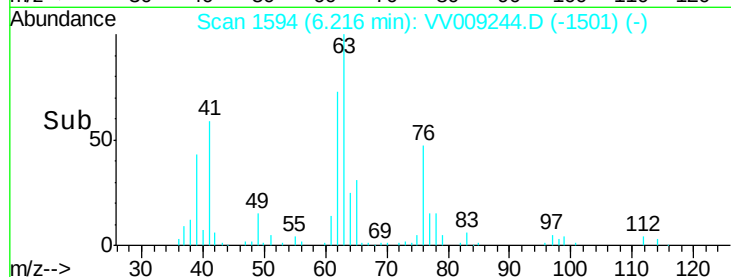
10000

5000

0

6.10 6.20 6.30

Time-->



#46

Dibromomethane

Concen: 53.699 ug/l

RT: 6.35 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

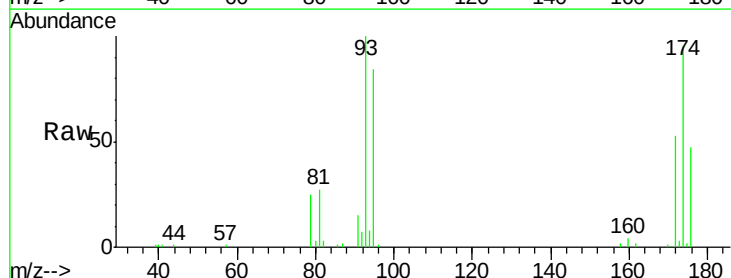
Tgt Ion: 93 Resp: 28882

Ion Ratio Lower Upper

93 100

95 82.1 64.6 97.0

174 93.5 74.0 111.0



Abundance Ion 92.80 (92.50 to 93.50): VV009244.D (-1543) (-)

Ion 94.80 (94.50 to 95.50): VV009244.D (-1543) (-)

Ion 173.70 (173.40 to 174.40): VV009244.D (-1543) (-)

6.35

20000

15000

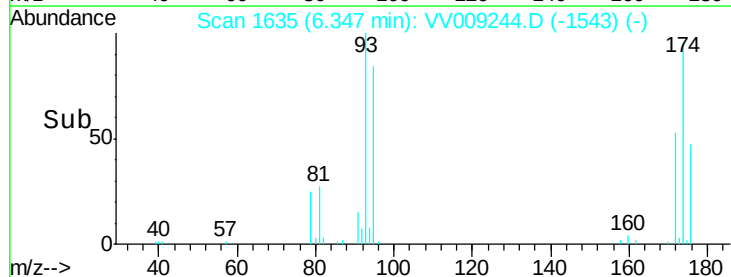
10000

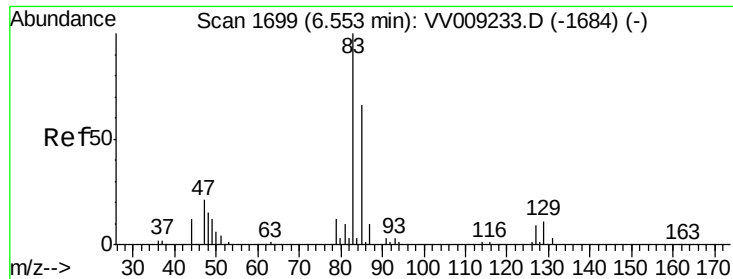
5000

0

6.25 6.30 6.35 6.40 6.45

Time-->





#47

Bromodichloromethane

Concen: 52.873 ug/l

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

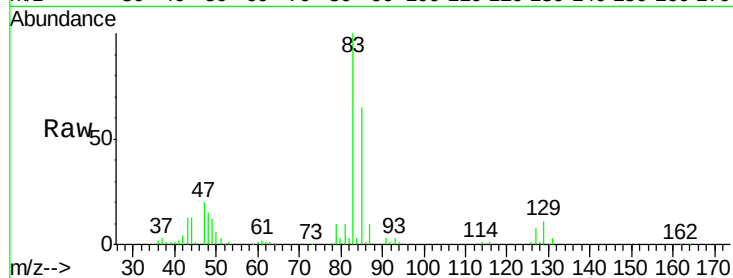
Tot Ion: 83 Resp: 75146

Ion Ratio Lower Upper

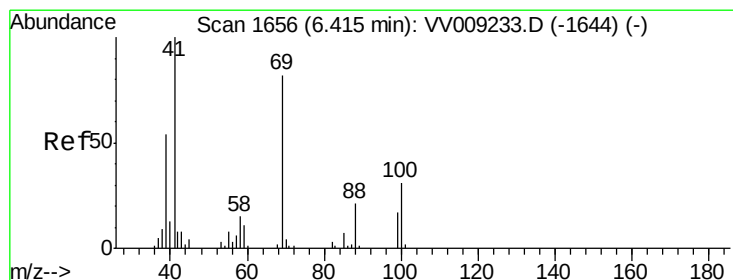
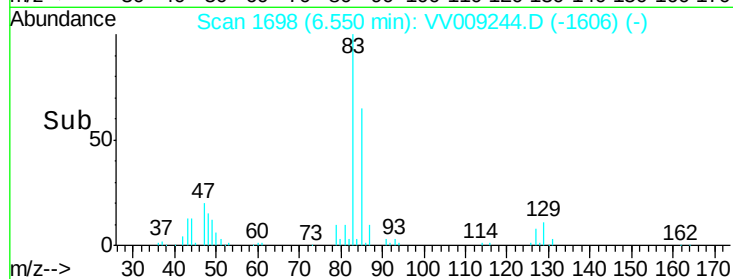
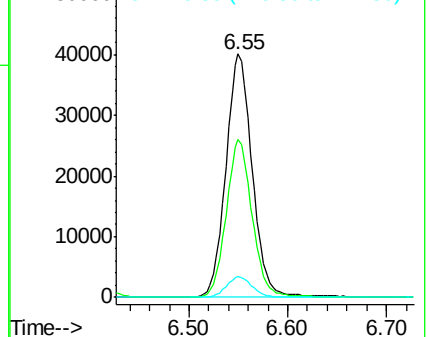
83 100

85 64.6 52.6 78.8

127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV0  
Ion 84.90 (84.60 to 85.60): VV0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.587 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

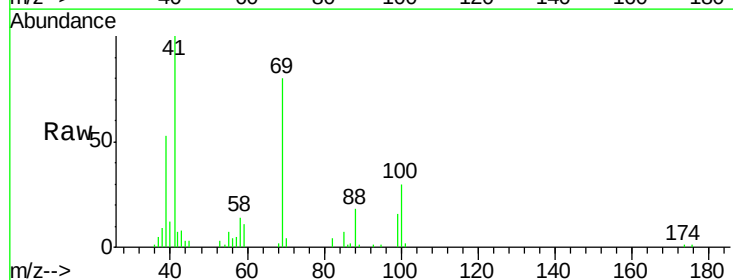
Tgt Ion: 41 Resp: 31605

Ion Ratio Lower Upper

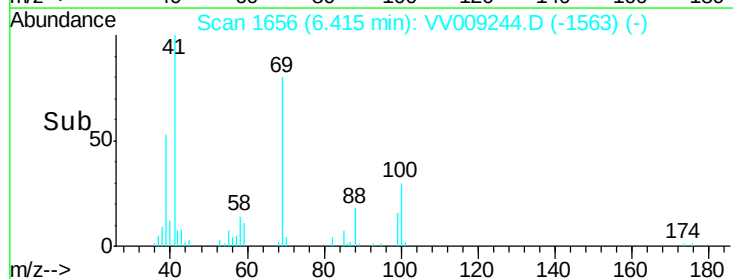
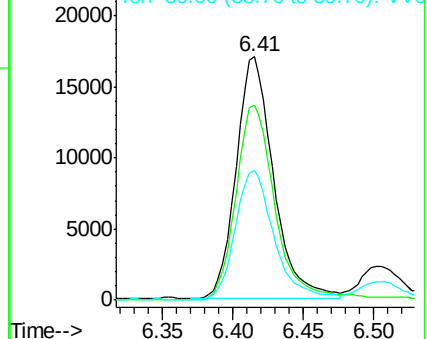
41 100

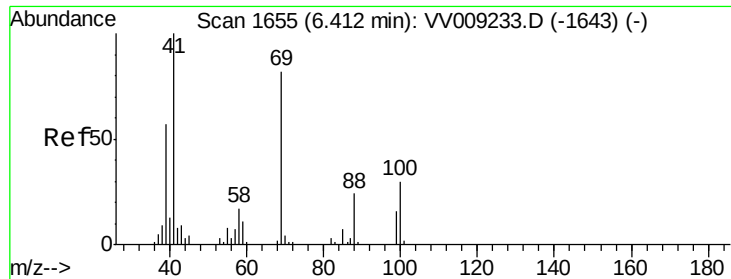
69 84.7 65.8 98.6

39 56.0 43.4 65.0



Abundance Ion 41.00 (40.70 to 41.70): VV0  
Ion 69.00 (68.70 to 69.70): VV0  
Ion 39.00 (38.70 to 39.70): VV0





#49

1,4-Dioxane

Concen: 1090.173 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

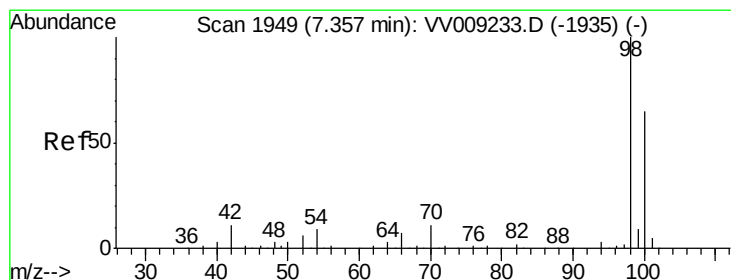
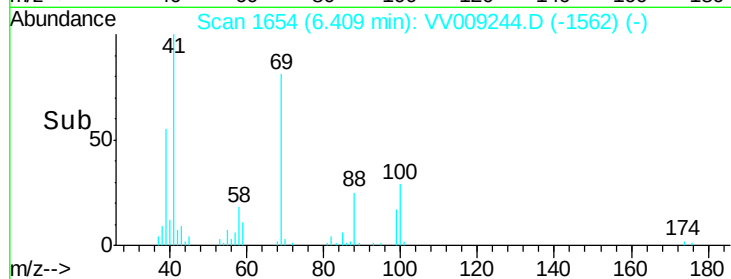
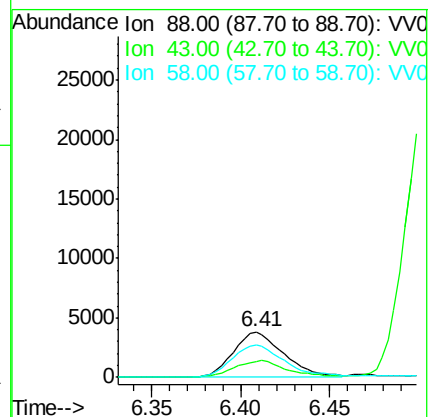
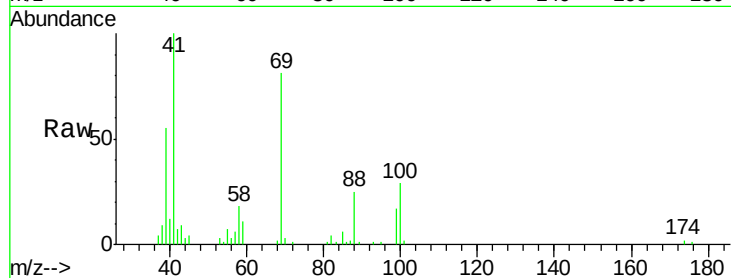
Tot Ion: 88 Resp: 7469

Ion Ratio Lower Upper

88 100

43 38.3 31.9 47.9

58 74.6 62.0 93.0



#50

Toluene-d8

Concen: 56.644 ug/l

RT: 7.35 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VV009244.D

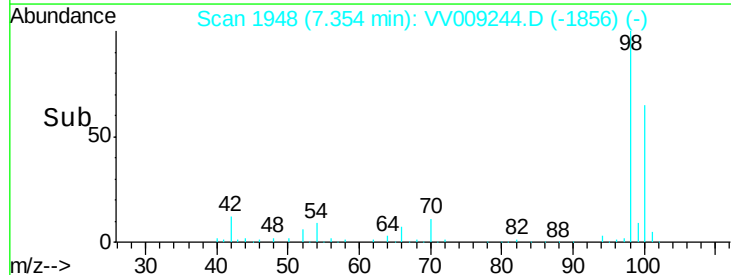
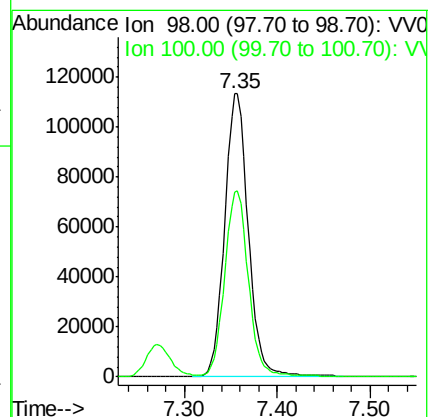
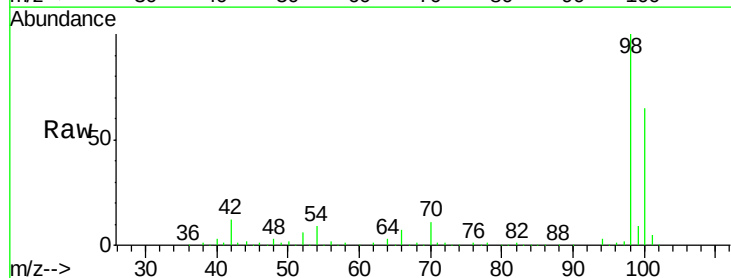
Acq: 23 Jan 2019 11:58

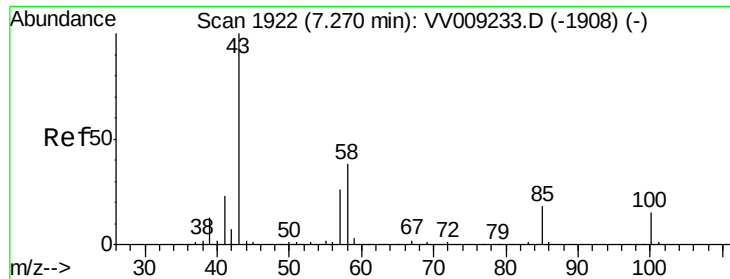
Tgt Ion: 98 Resp: 201312

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 263.030 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VV009244.D

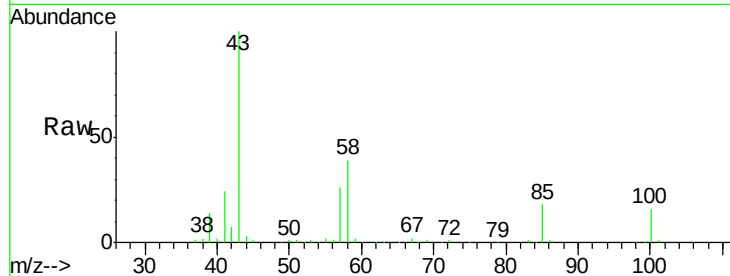
Acq: 23 Jan 2019 11:58

Tot Ion: 43 Resp: 157220

Ion Ratio Lower Upper

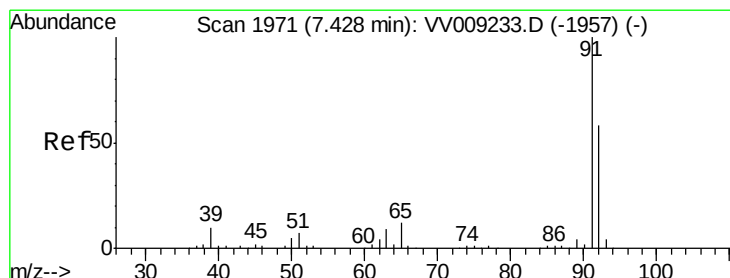
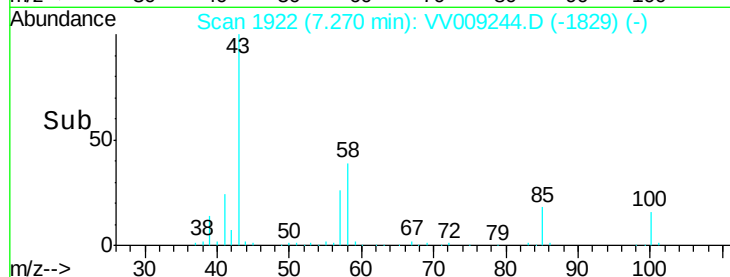
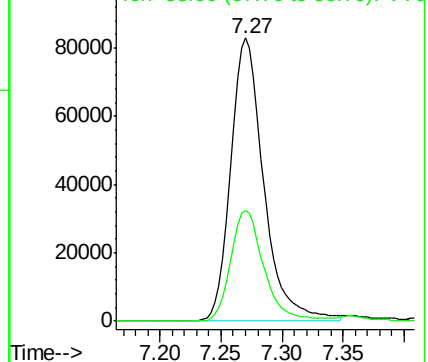
43 100

58 38.9 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-1908) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-1908) (-)



#52

Toluene

Concen: 52.735 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009244.D

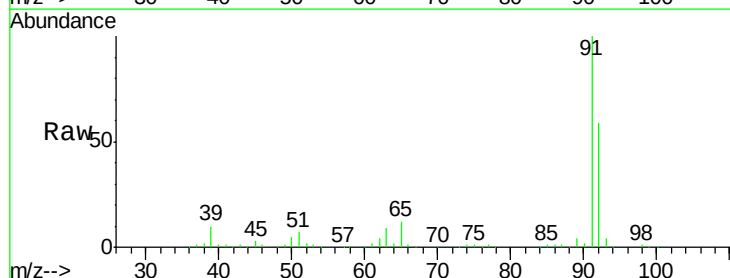
Acq: 23 Jan 2019 11:58

Tgt Ion: 92 Resp: 145366

Ion Ratio Lower Upper

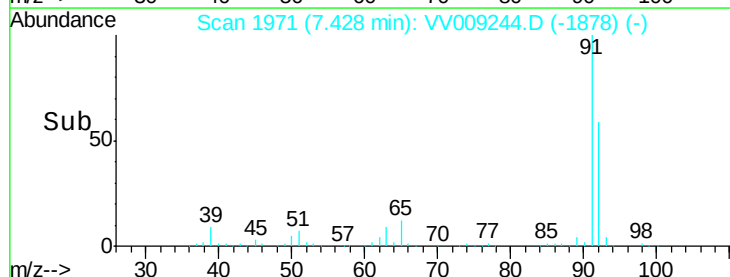
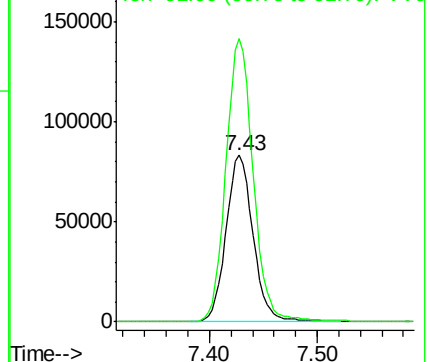
92 100

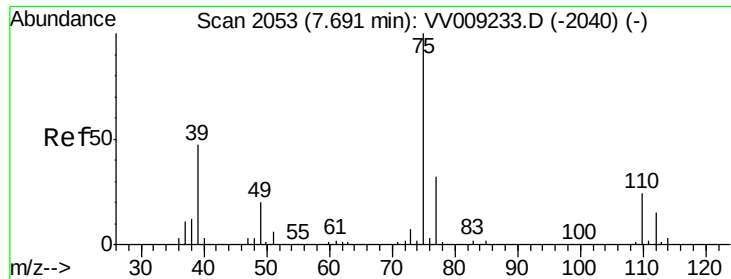
91 171.3 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009233.D (-1957) (-)

Ion 91.00 (90.70 to 91.70): VV009233.D (-1957) (-)





#53

t-1,3-Dichloropropene

Concen: 53.467 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV009244.D

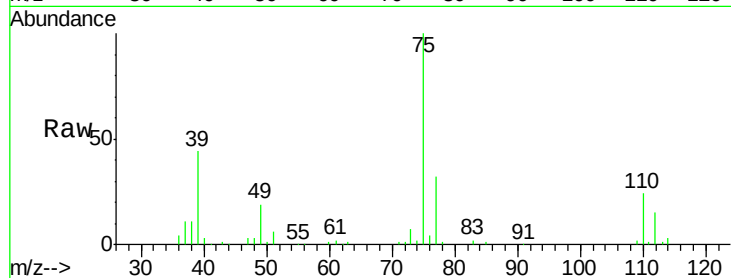
Acq: 23 Jan 2019 11:58

Tot Ion: 75 Resp: 73960

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-2040) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-2040) (-)

7.69

40000

30000

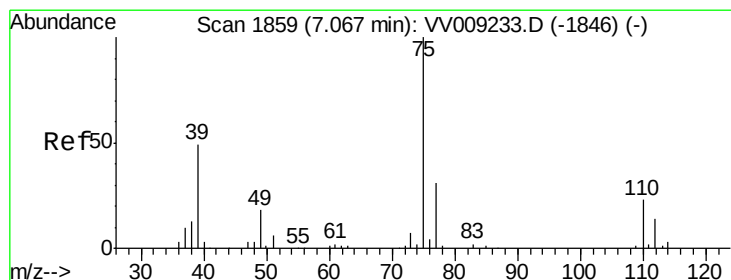
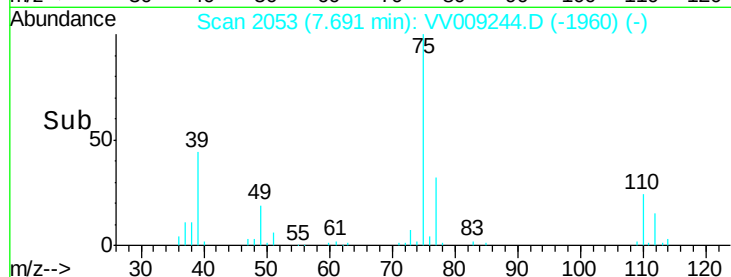
20000

10000

0

Time-->

7.60 7.70 7.80



#54

cis-1,3-Dichloropropene

Concen: 54.087 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

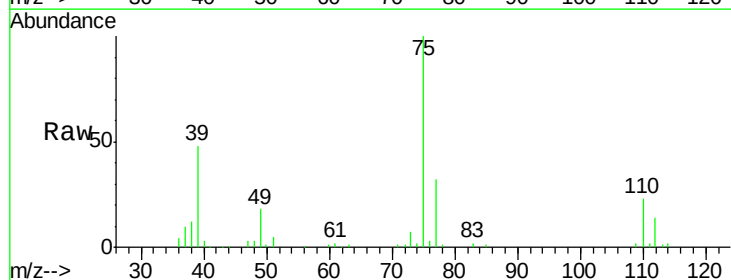
Tgt Ion: 75 Resp: 86151

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 48.3 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VV009233.D (-1846) (-)

Ion 76.90 (76.60 to 77.60): VV009233.D (-1846) (-)

Ion 39.00 (38.70 to 39.70): VV009233.D (-1846) (-)

7.07

60000

50000

40000

30000

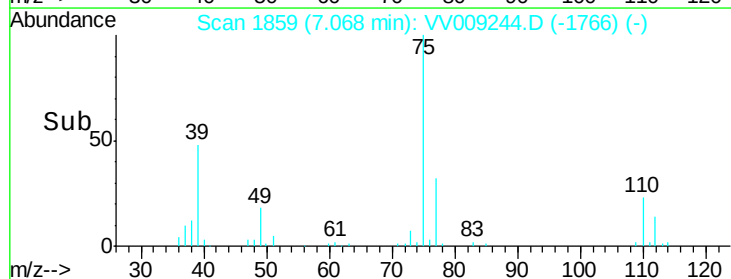
20000

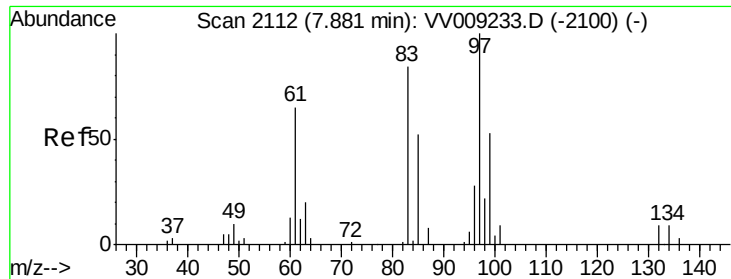
10000

0

Time-->

7.00 7.10 7.20

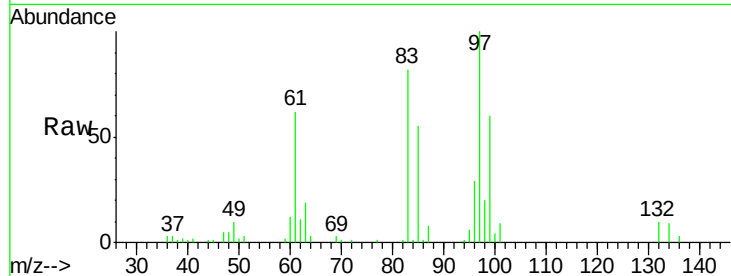




#55  
 1,1,2-Trichloroethane  
 Concen: 53.683 ug/l  
 RT: 7.88 min Scan# 2112  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tot Ion: 97 Resp: 40681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.1  | 67.4  | 101.0 |
| 85  | 54.1  | 42.6  | 64.0  |
| 99  | 59.4  | 51.1  | 76.7  |

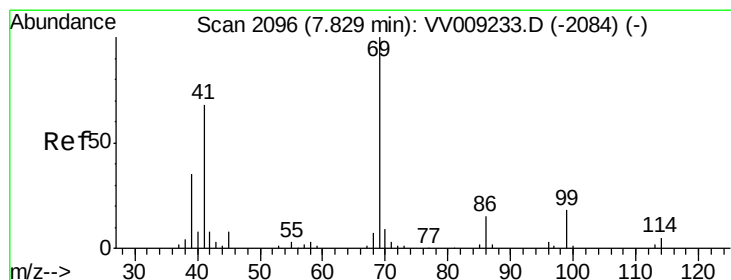
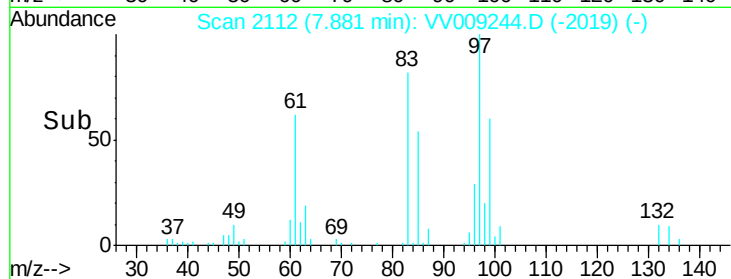
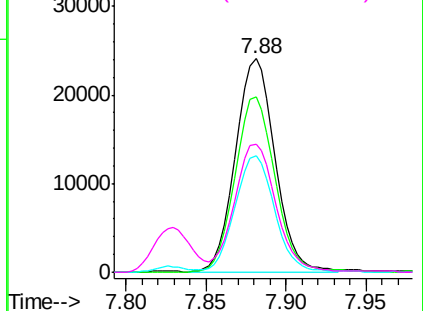


Abundance Ion 96.90 (96.60 to 97.60): VV0

Ion 82.90 (82.60 to 83.60): VV0

Ion 84.90 (84.60 to 85.60): VV0

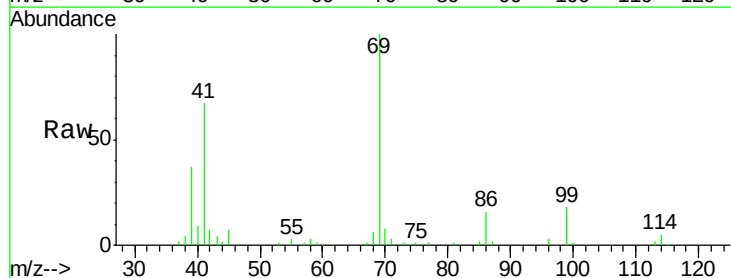
Ion 98.90 (98.60 to 99.60): VV0



#56  
 Ethyl methacrylate  
 Concen: 54.513 ug/l  
 RT: 7.83 min Scan# 2096  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tgt Ion: 69 Resp: 48129

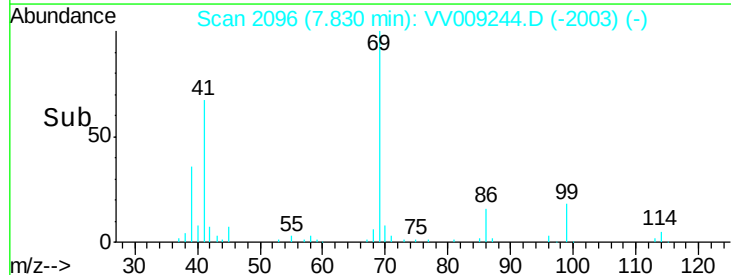
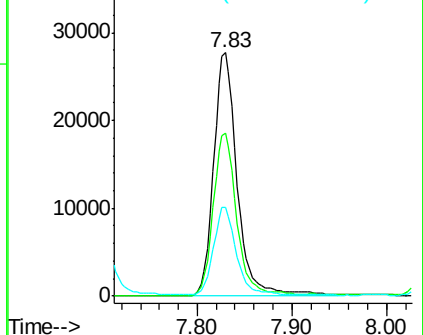
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.8  | 54.0  | 81.0  |
| 39  | 34.3  | 26.8  | 40.2  |



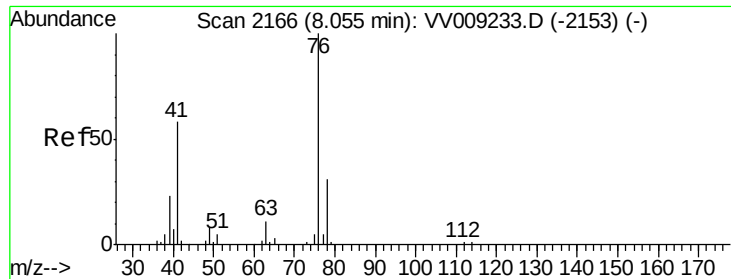
Abundance Ion 69.00 (68.70 to 69.70): VV0

Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0







#57

1,3-Dichloropropane

Concen: 53.784 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009244.D

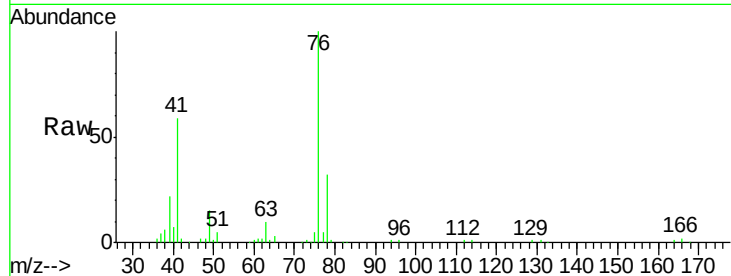
Acq: 23 Jan 2019 11:58

Tot Ion: 76 Resp: 73794

Ion Ratio Lower Upper

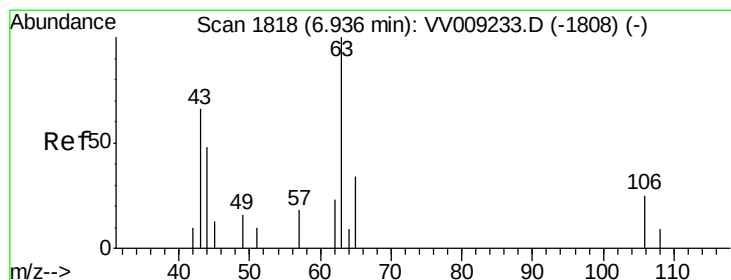
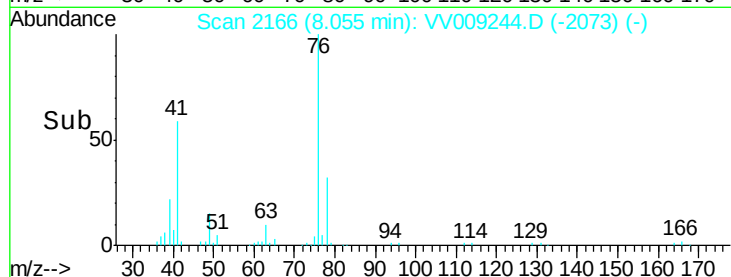
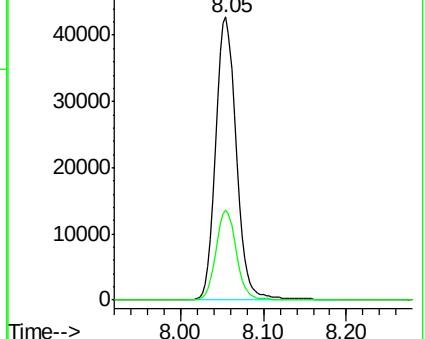
76 100

78 31.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VV0

Ion 77.90 (77.60 to 78.60): VV0



#58

2-Chloroethyl Vinyl ether

Concen: 176.848 ug/l

RT: 6.93 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VV009244.D

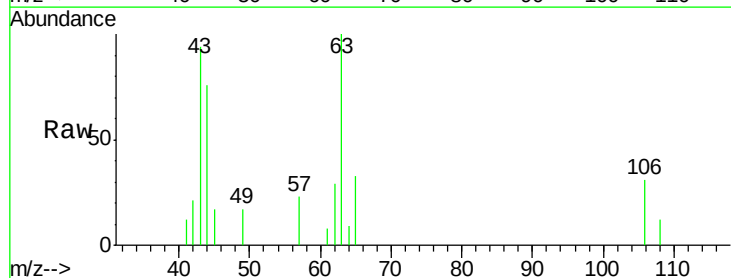
Acq: 23 Jan 2019 11:58

Tgt Ion: 63 Resp: 2440

Ion Ratio Lower Upper

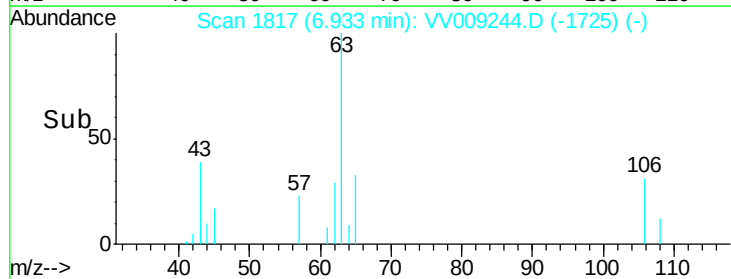
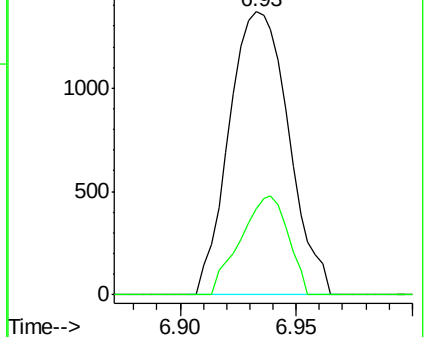
63 100

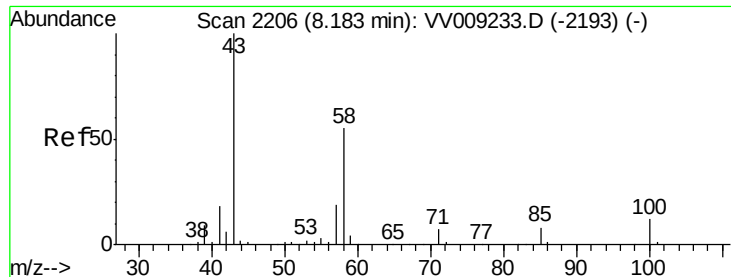
106 28.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 269.718 ug/l

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV009244.D

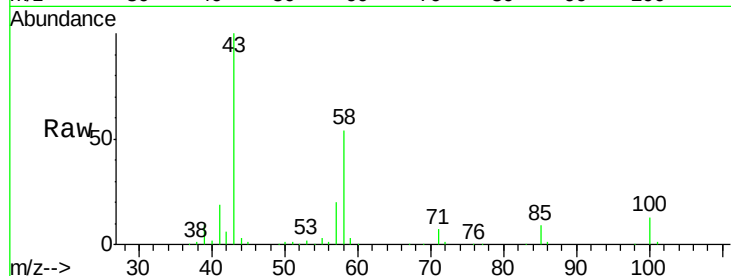
Acq: 23 Jan 2019 11:58

Tot Ion: 43 Resp: 116606

Ion Ratio Lower Upper

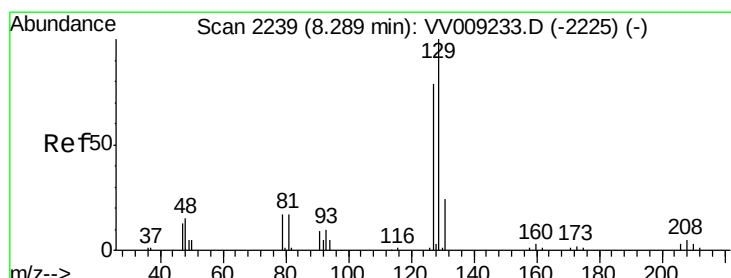
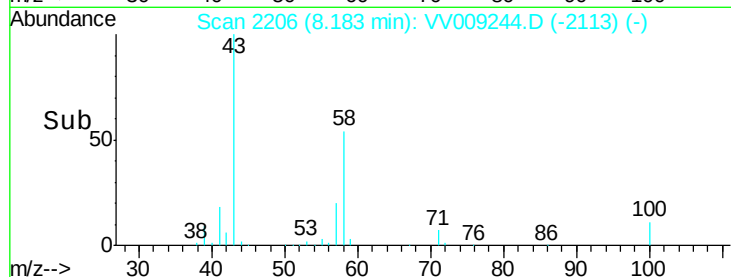
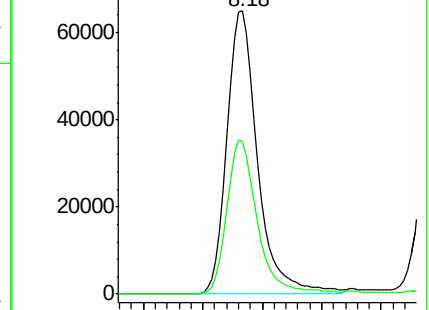
43 100

58 54.0 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VV009233.D (-2193) (-)

Ion 58.00 (57.70 to 58.70): VV009233.D (-2193) (-)



#60

Dibromochloromethane

Concen: 54.248 ug/l

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VV009244.D

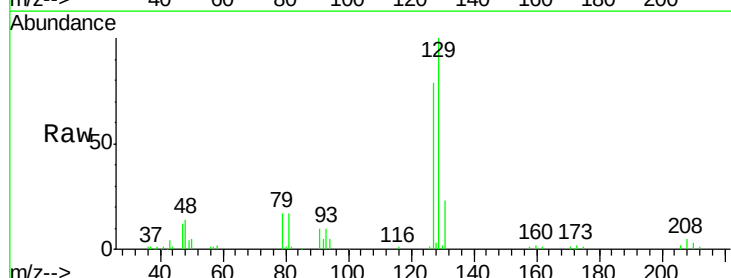
Acq: 23 Jan 2019 11:58

Tgt Ion: 129 Resp: 48133

Ion Ratio Lower Upper

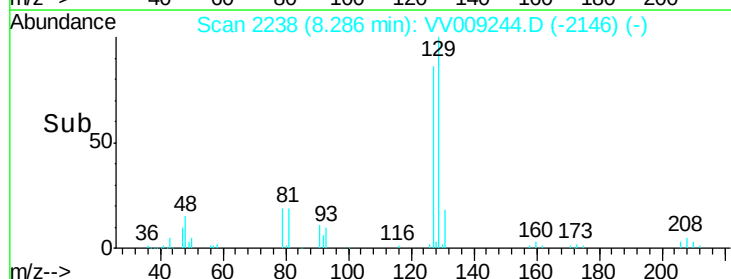
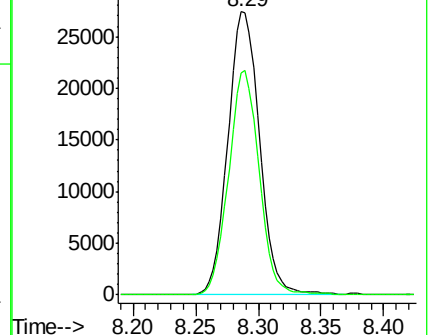
129 100

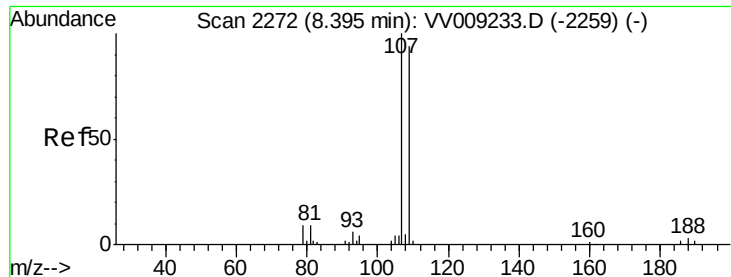
127 76.4 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VV009233.D (-2225) (-)

Ion 126.80 (126.50 to 127.50): VV009233.D (-2225) (-)





#61

1,2-Dibromoethane

Concen: 54.123 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV009244.D

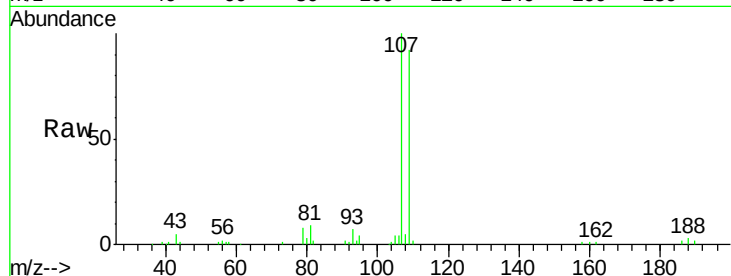
Acq: 23 Jan 2019 11:58

Tot Ion: 107 Resp: 40109

Ion Ratio Lower Upper

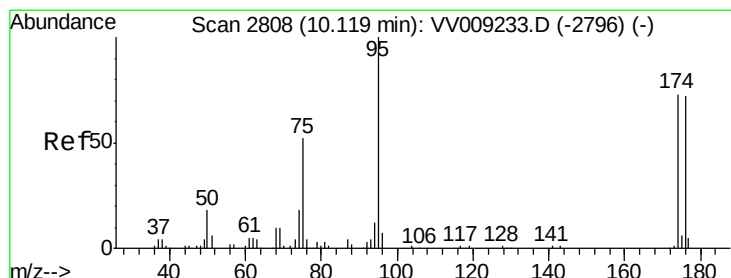
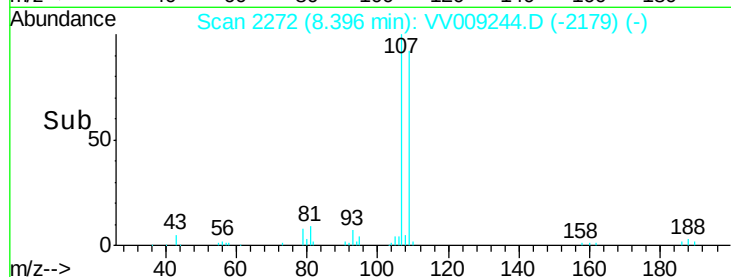
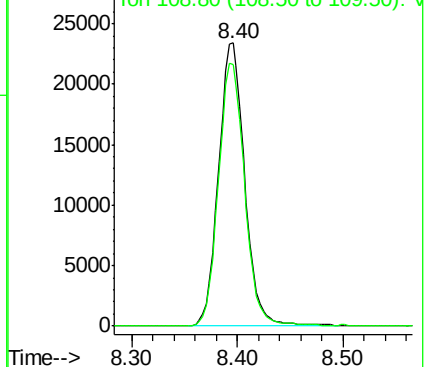
107 100

109 93.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.357 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

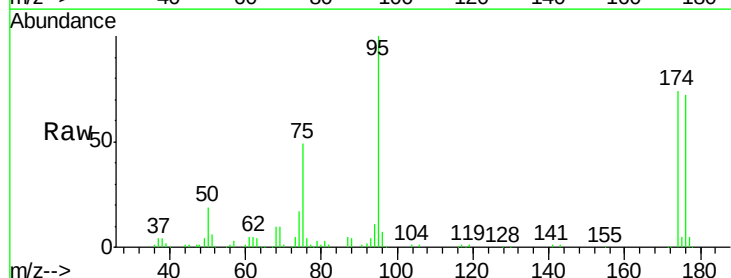
Tgt Ion: 95 Resp: 74133

Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.2

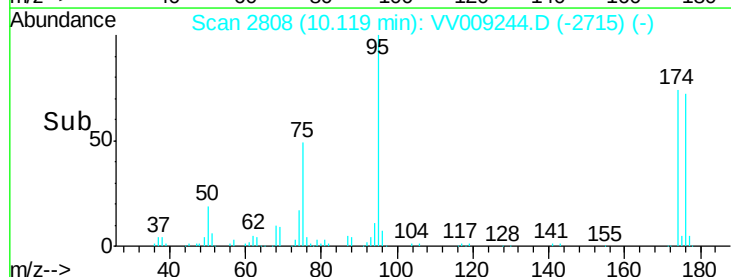
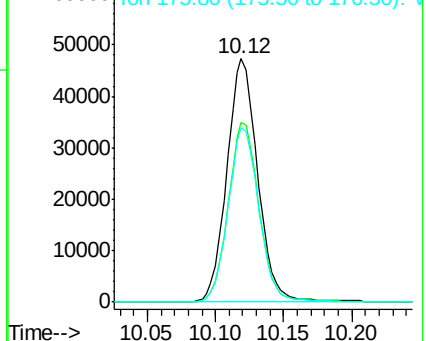
176 72.0 0.0 143.0

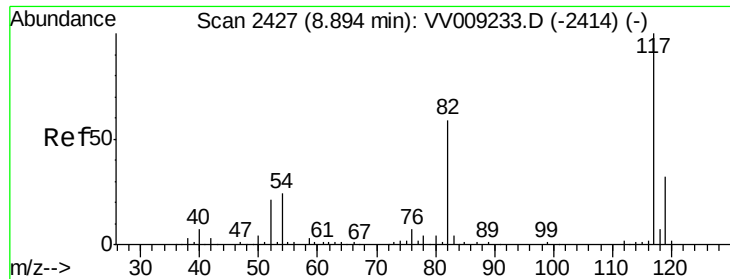


Abundance Ion 94.90 (94.60 to 95.60): VV0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.89 min Scan# 2427

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

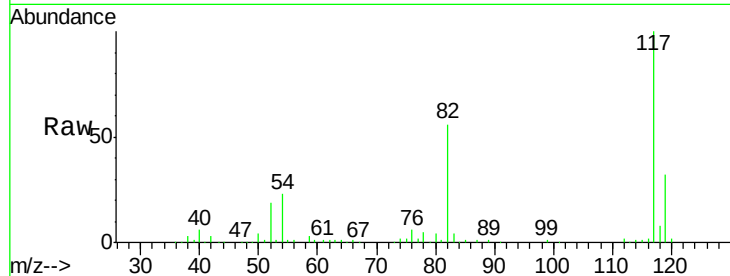
Tot Ion:117 Resp: 129475

Ion Ratio Lower Upper

117 100

82 56.4 47.0 70.6

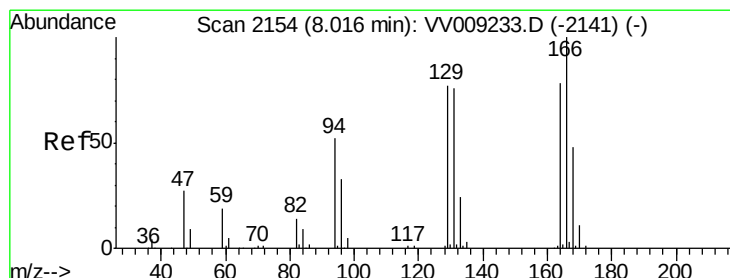
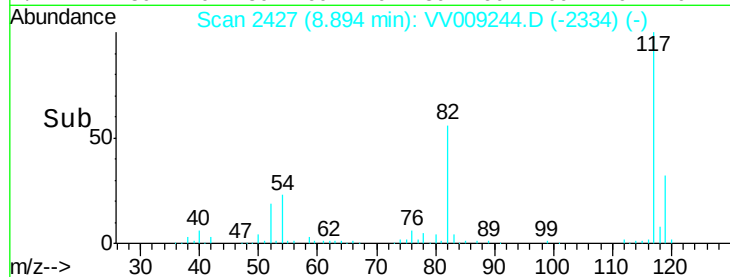
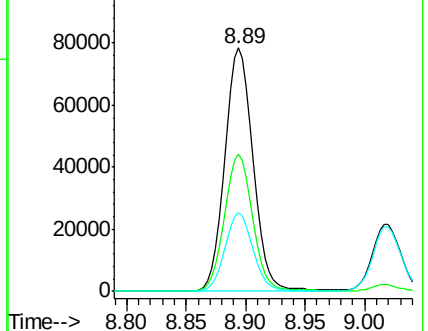
119 32.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 54.377 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion:164 Resp: 50101

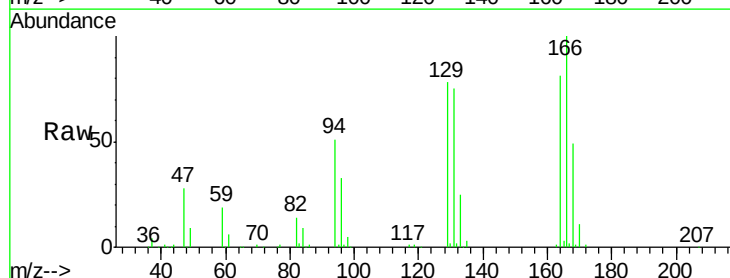
Ion Ratio Lower Upper

164 100

166 123.9 102.1 153.1

129 97.0 78.1 117.1

131 92.3 78.0 117.0

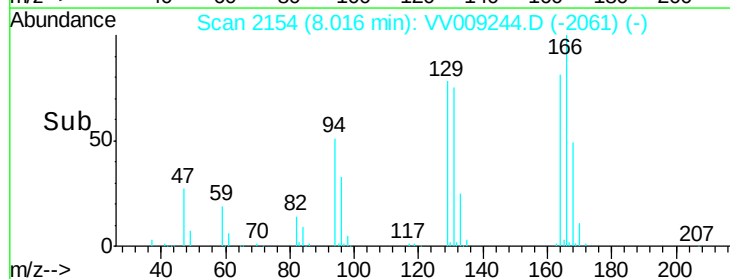
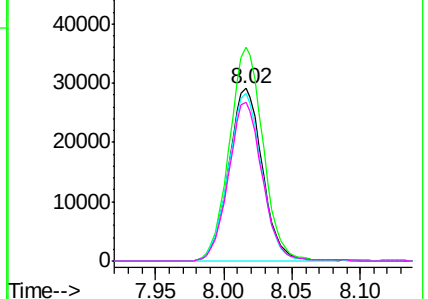


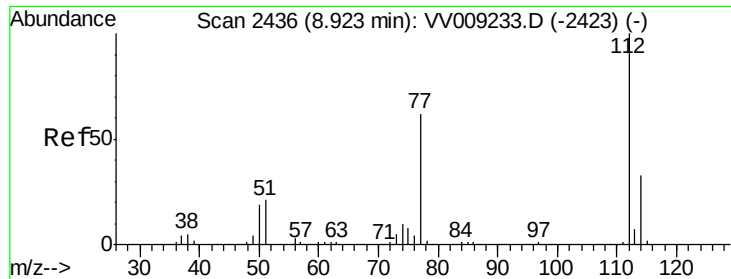
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

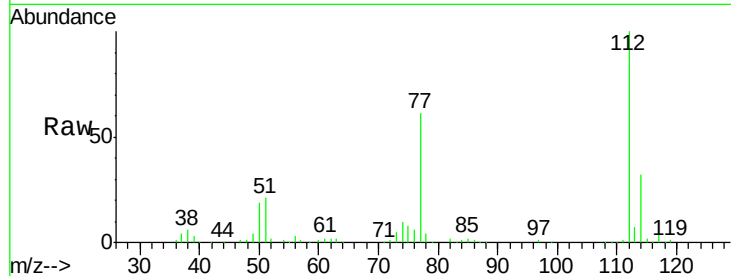
Ion 130.80 (130.50 to 131.50): V



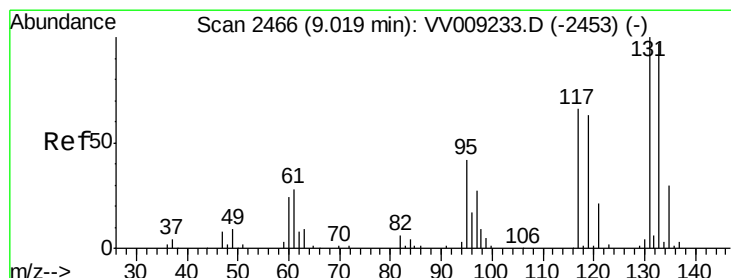
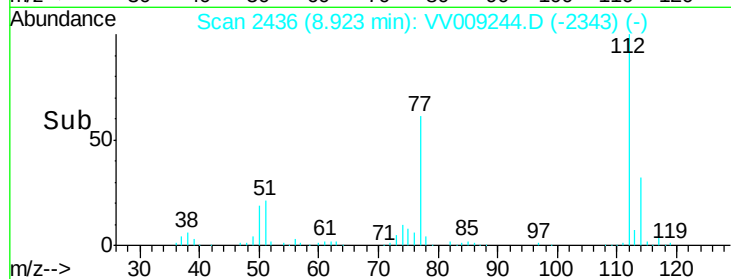
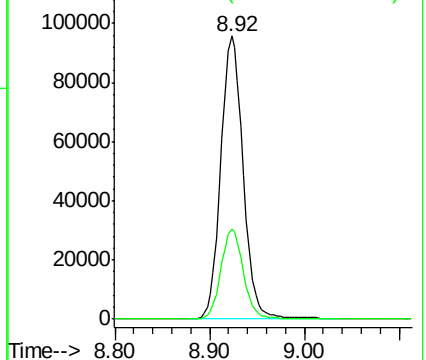


#65  
Chlorobenzene  
Concen: 52.324 ug/l  
RT: 8.92 min Scan# 2436  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tot Ion:112 Resp: 157609  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.0 39.0

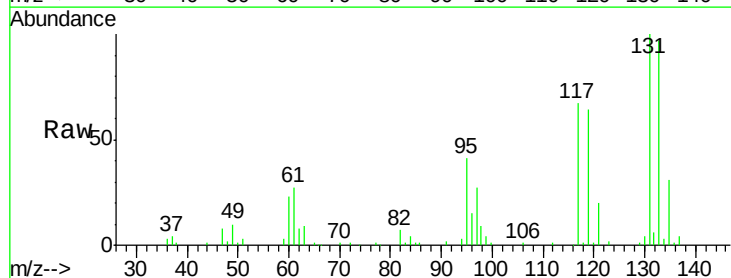


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V

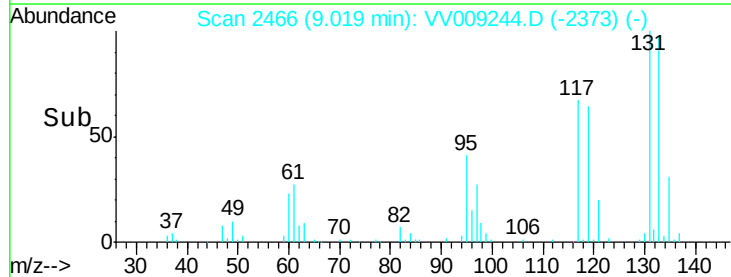
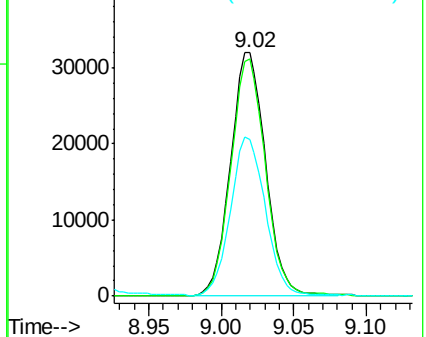


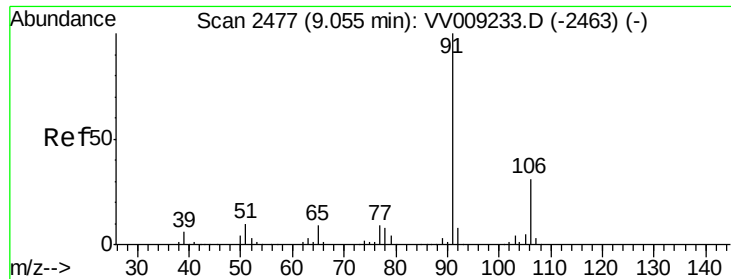
#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.281 ug/l  
RT: 9.02 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion:131 Resp: 53821  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.3 144.9  
119 64.0 31.2 93.6



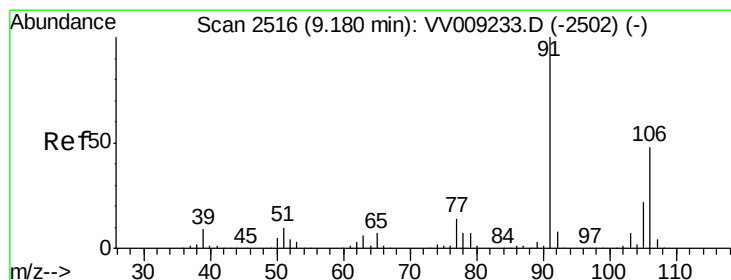
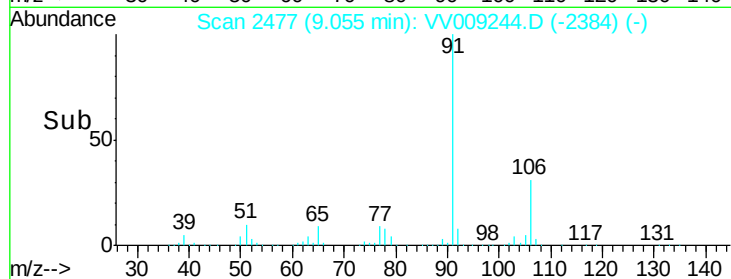
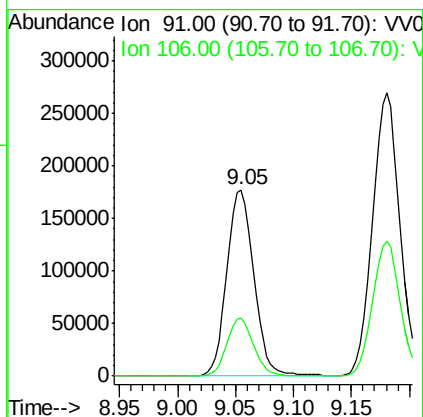
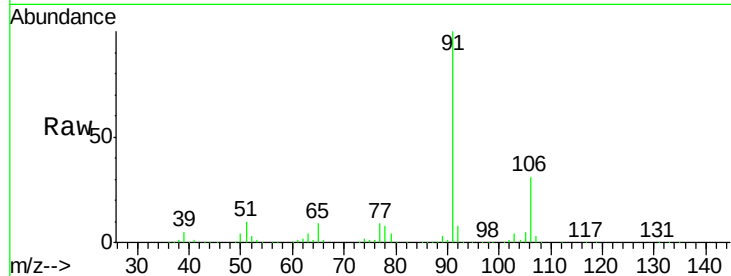
Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V





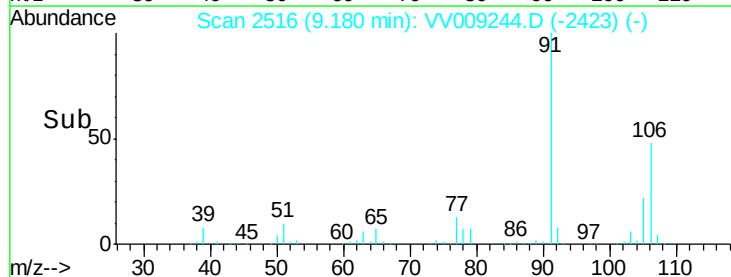
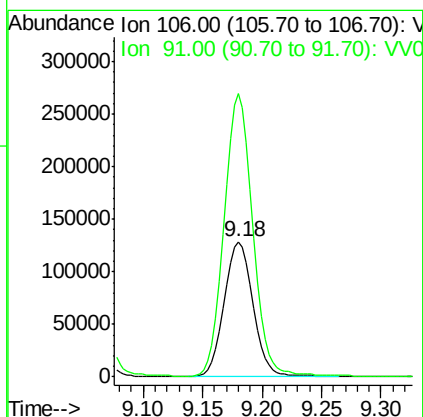
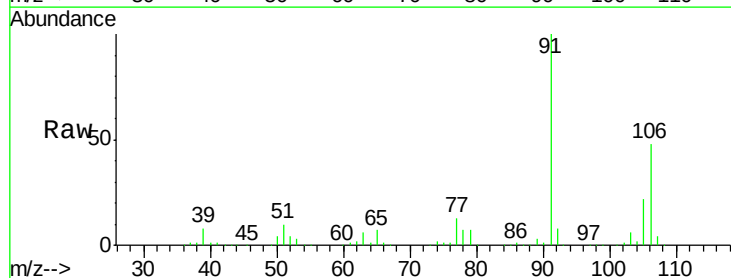
#67  
Ethyl Benzene  
Concen: 53.368 ug/l  
RT: 9.05 min Scan# 2477  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

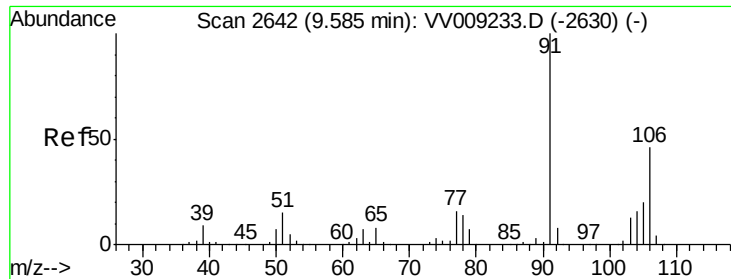
Tot Ion: 91 Resp: 286383  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.6 37.0



#68  
m/p-Xylenes  
Concen: 106.090 ug/l  
RT: 9.18 min Scan# 2516  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

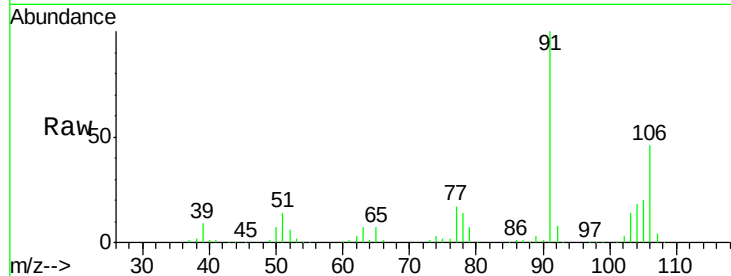
Tgt Ion: 106 Resp: 216129  
Ion Ratio Lower Upper  
106 100  
91 208.7 167.1 250.7



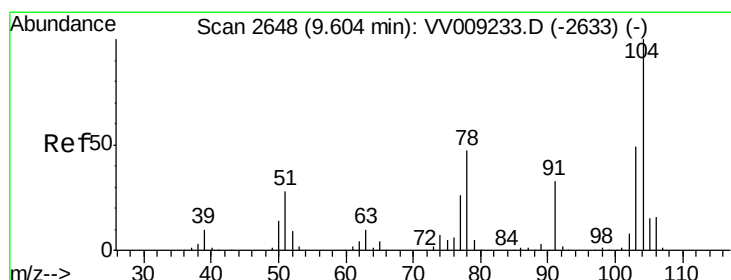
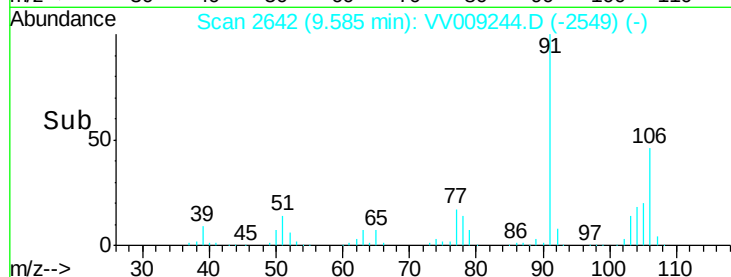
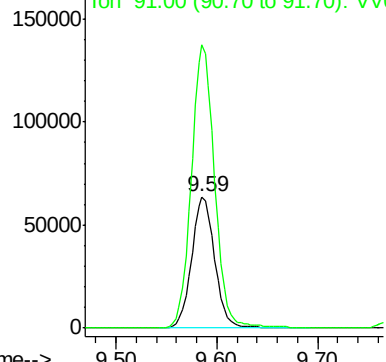


#69  
o-Xylene  
Concen: 54.146 ug/l  
RT: 9.59 min Scan# 2642  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tot Ion:106 Resp: 102268  
Ion Ratio Lower Upper  
106 100  
91 217.5 109.3 327.8

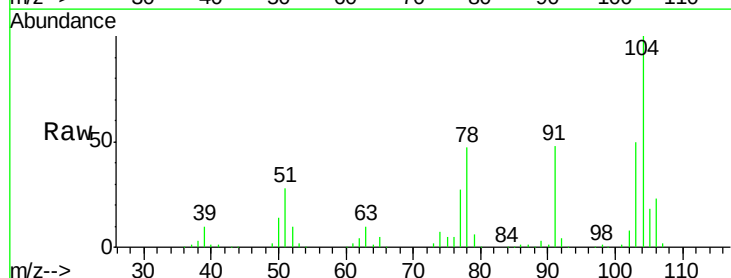


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VV0

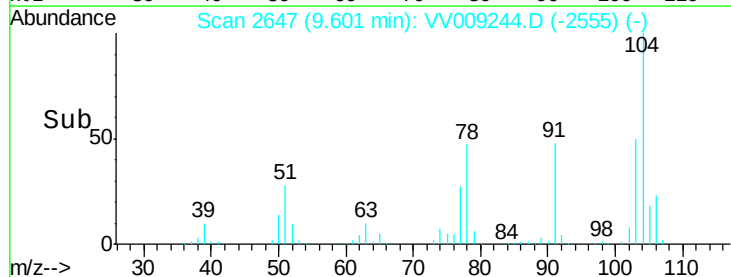
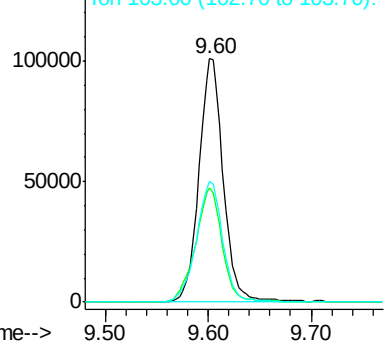


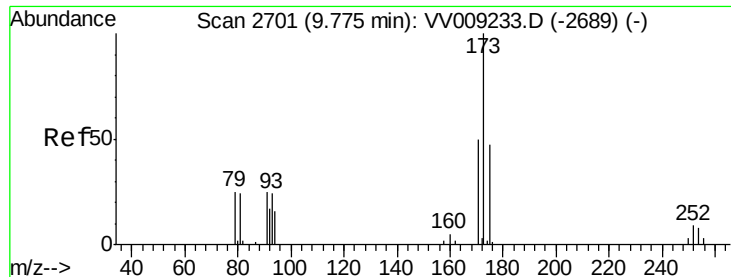
#70  
Styrene  
Concen: 55.082 ug/l  
RT: 9.60 min Scan# 2647  
Delta R.T. -0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion:104 Resp: 166037  
Ion Ratio Lower Upper  
104 100  
78 51.4 43.1 64.7  
103 53.9 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VV0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.770 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

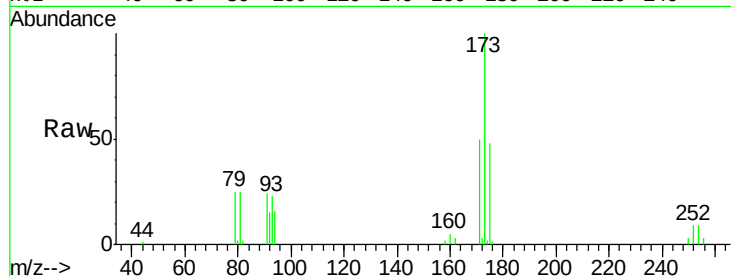
Tot Ion:173 Resp: 26588

Ion Ratio Lower Upper

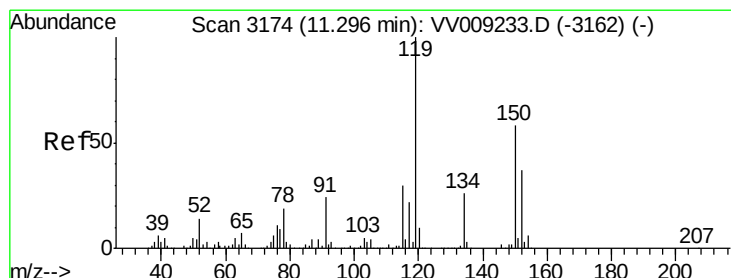
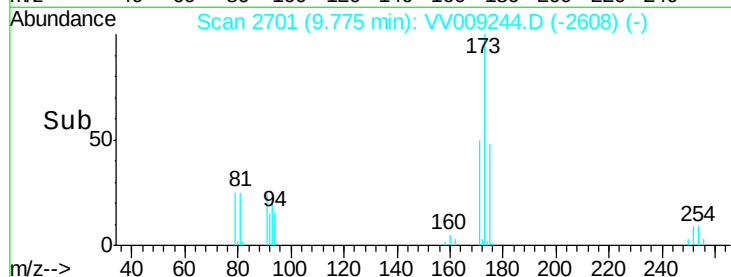
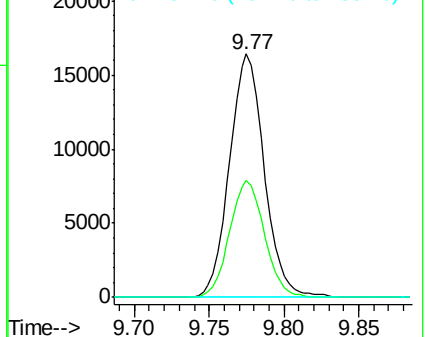
173 100

175 48.0 23.4 70.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

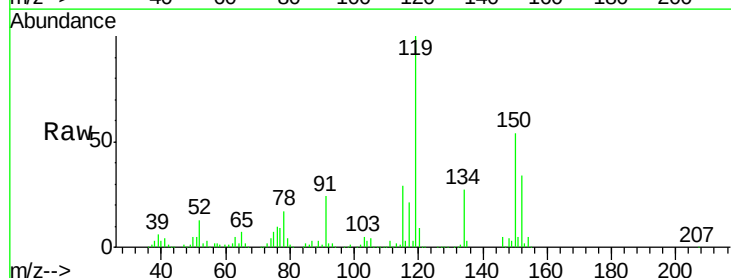
Tgt Ion:152 Resp: 64771

Ion Ratio Lower Upper

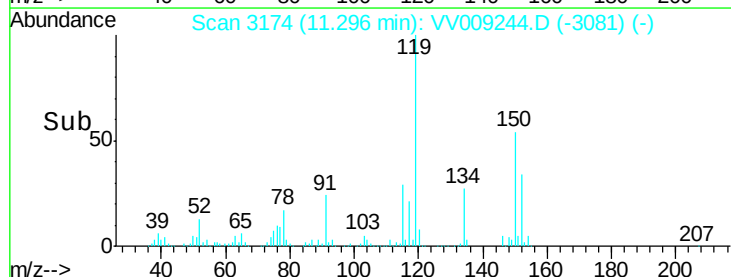
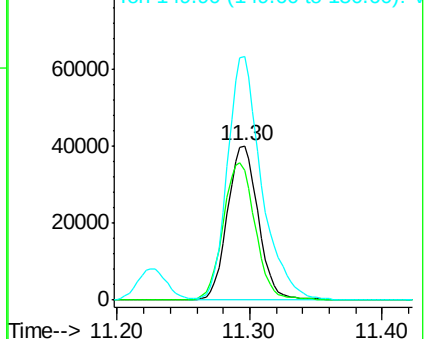
152 100

115 92.7 45.0 134.8

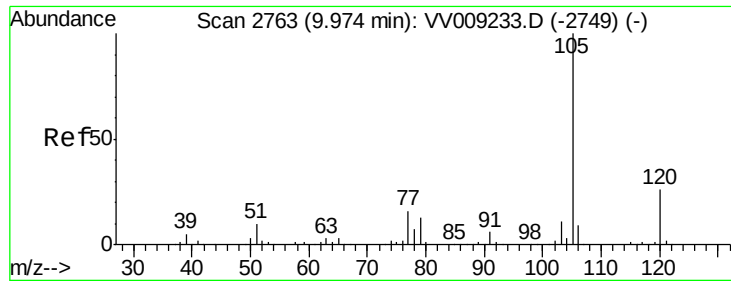
150 174.9 0.0 346.4



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







#73

Isopropylbenzene

Concen: 54.188 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009244.D

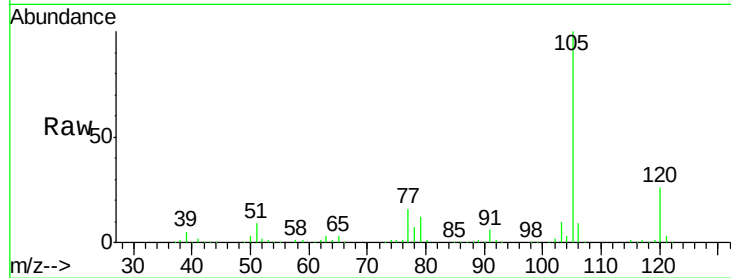
Acq: 23 Jan 2019 11:58

Tot Ion:105 Resp: 289832

Ion Ratio Lower Upper

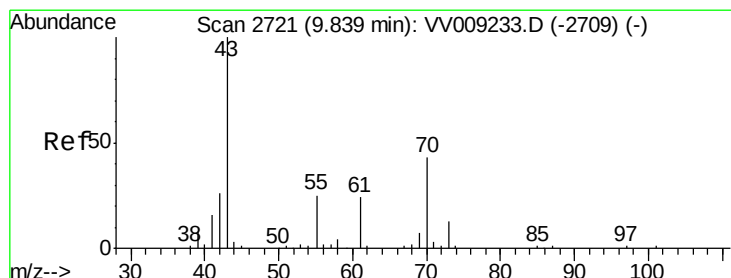
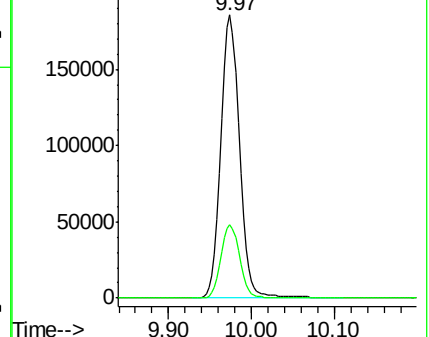
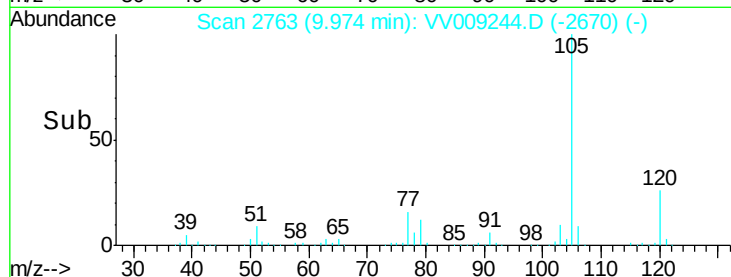
105 100

120 26.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.523 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion: 43 Resp: 52938

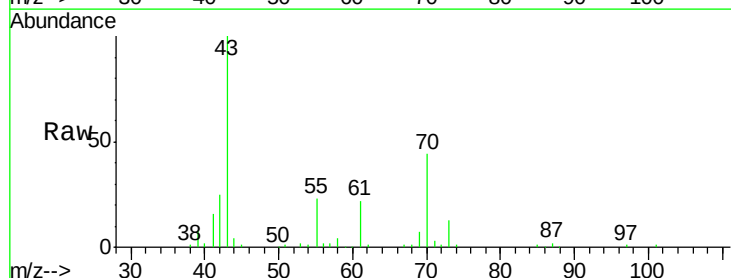
Ion Ratio Lower Upper

43 100

70 42.1 33.0 49.6

55 24.6 18.7 28.1

61 22.9 18.0 27.0

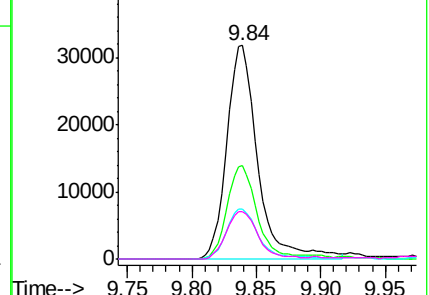
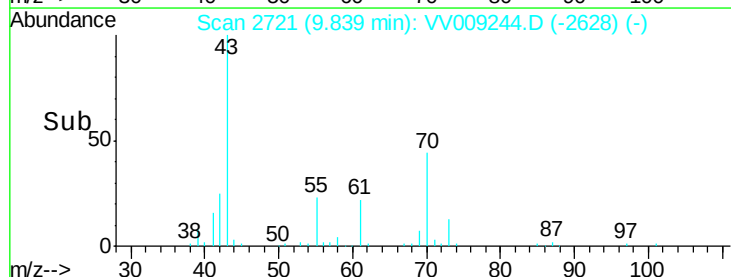


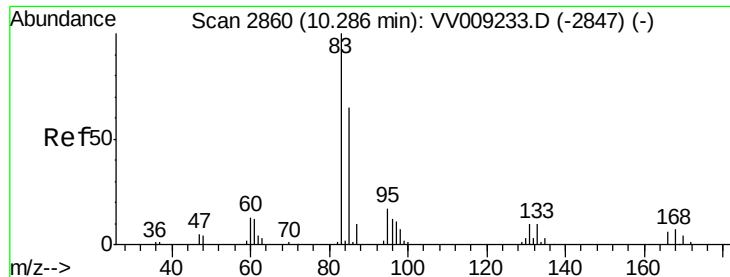
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.460 ug/l

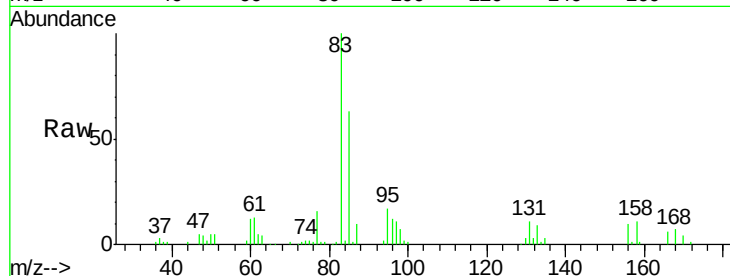
RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

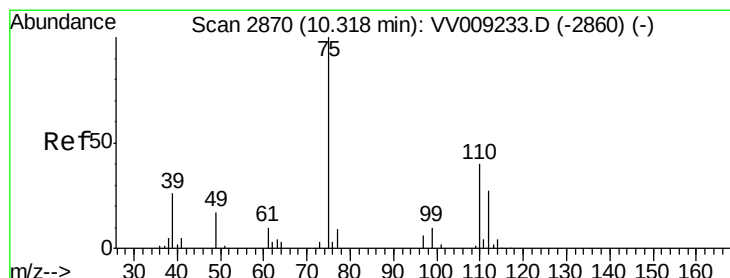
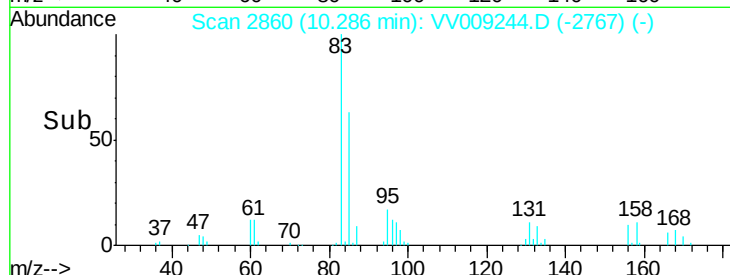
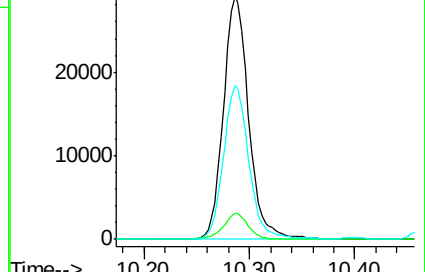
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 48205 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.5  | 5.1   | 15.3  |
| 85       | 63.3  | 32.6  | 98.0  |



Abundance Ion 82.90 (82.60 to 83.60): VV009244.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009244.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009244.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 55.088 ug/l m

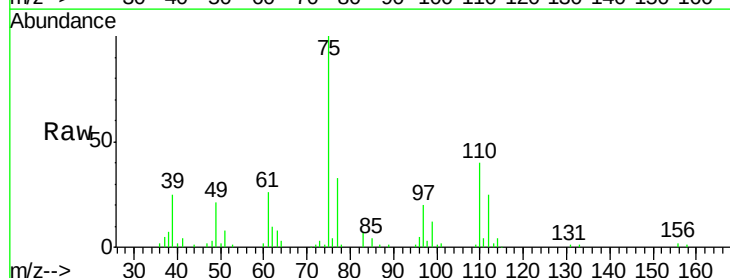
RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV009244.D

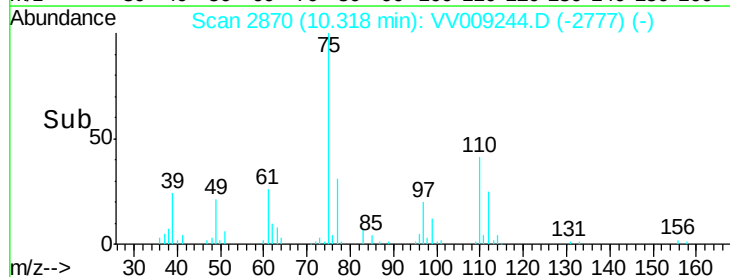
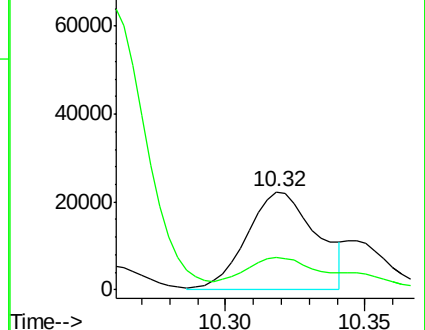
Acq: 23 Jan 2019 11:58

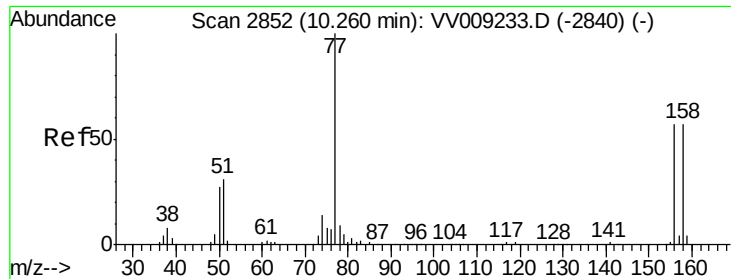
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 39065 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 12.0  | 24.6  | 73.8# |



Abundance Ion 74.90 (74.60 to 75.60): VV009244.D (-2777) (-)

Ion 77.00 (76.70 to 77.70): VV009244.D (-2777) (-)





#77

Bromobenzene

Concen: 53.278 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

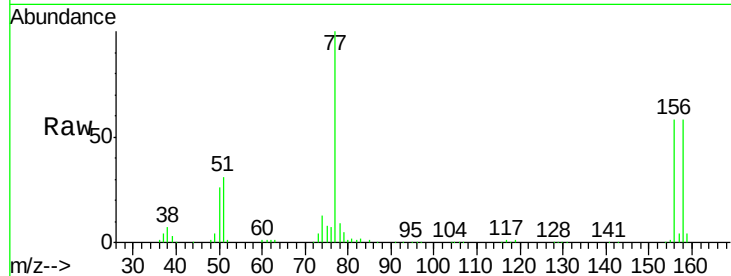
Tot Ion:156 Resp: 60952

Ion Ratio Lower Upper

156 100

77 166.7 86.0 258.0

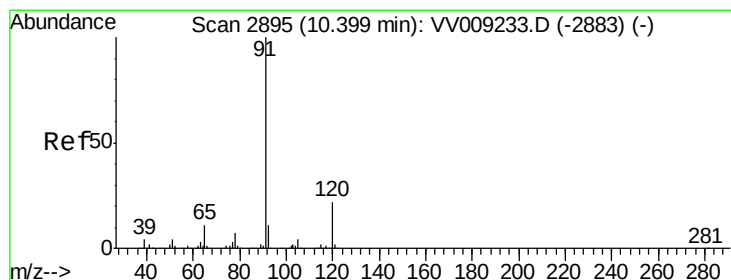
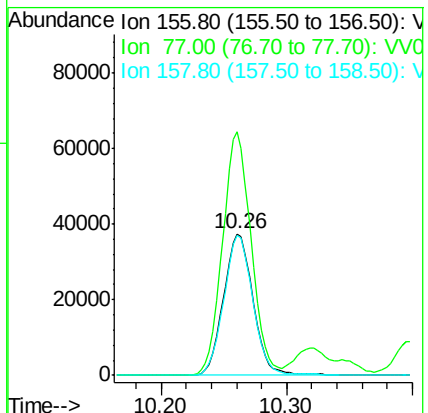
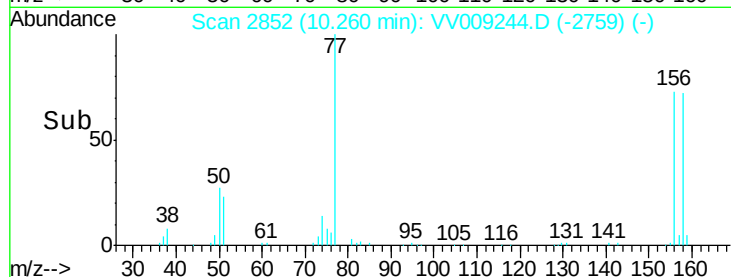
158 97.9 49.8 149.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.815 ug/l

RT: 10.40 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VV009244.D

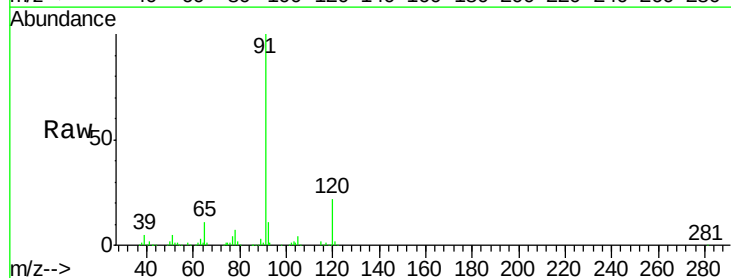
Acq: 23 Jan 2019 11:58

Tgt Ion: 91 Resp: 341226

Ion Ratio Lower Upper

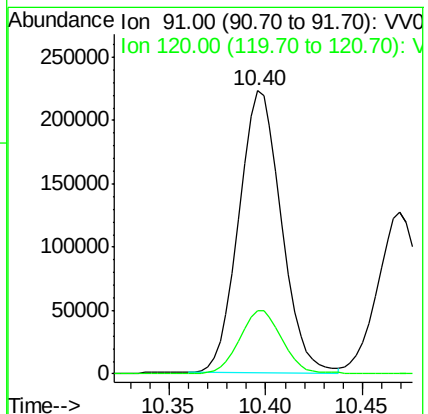
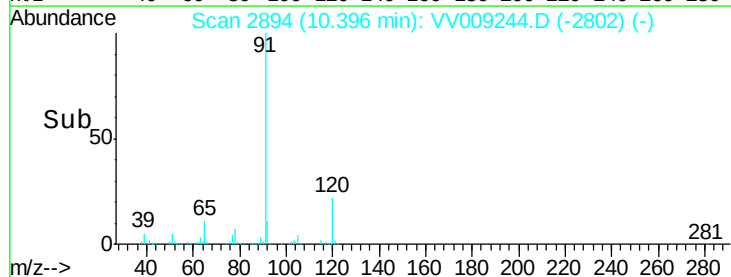
91 100

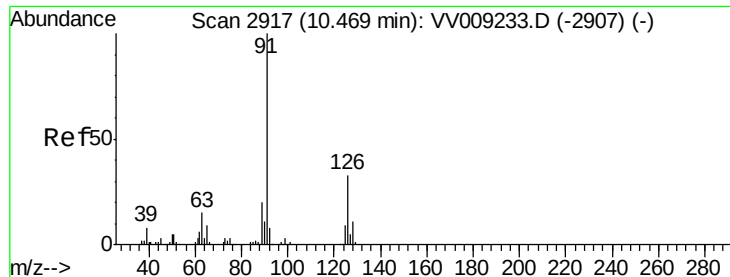
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.145 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009244.D

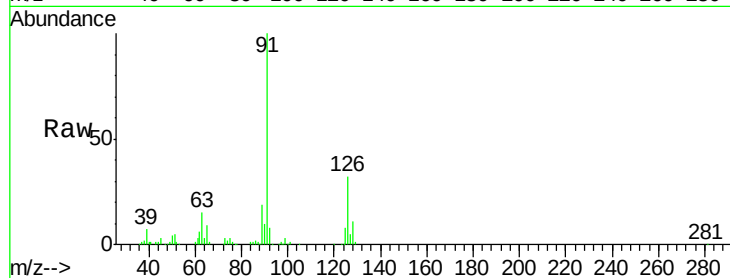
Acq: 23 Jan 2019 11:58

Tot Ion: 91 Resp: 199497

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VV009244.D (-2824) (-)

Ion 125.90 (125.60 to 126.60): VV009244.D (-2824) (-)

250000

200000

150000

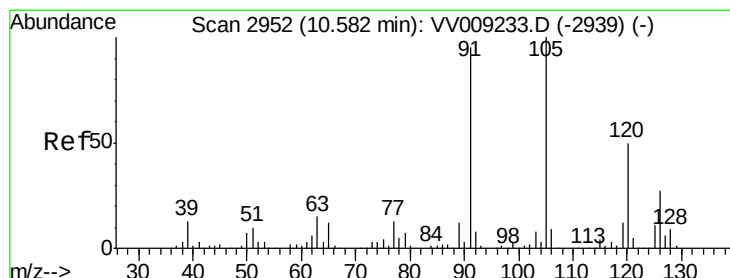
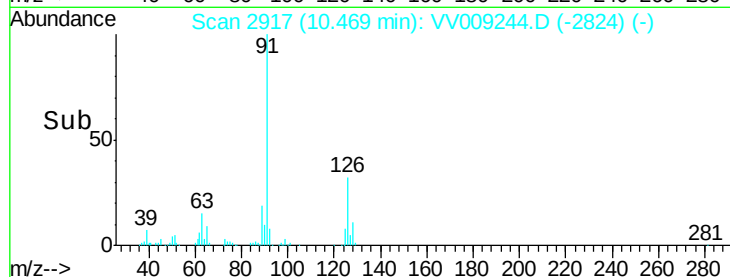
100000

50000

0

10.40 10.45 10.50 10.55

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.882 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009244.D

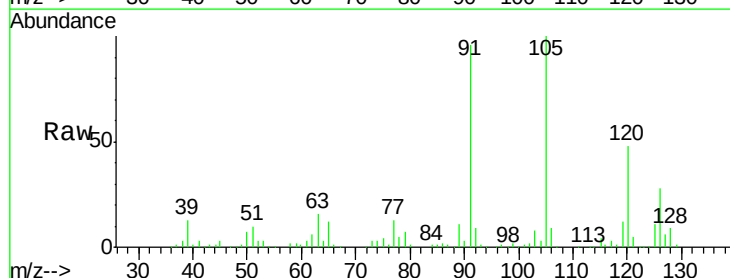
Acq: 23 Jan 2019 11:58

Tgt Ion: 105 Resp: 241694

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VV009244.D (-2859) (-)

Ion 120.00 (119.70 to 120.70): VV009244.D (-2859) (-)

150000

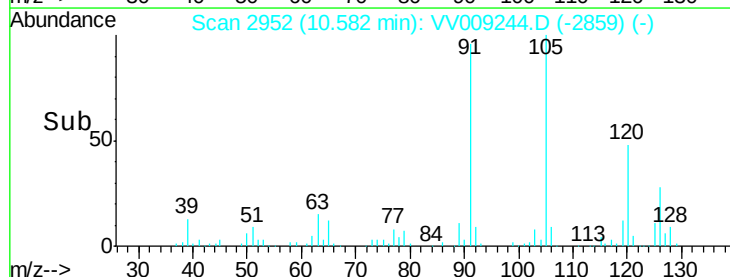
100000

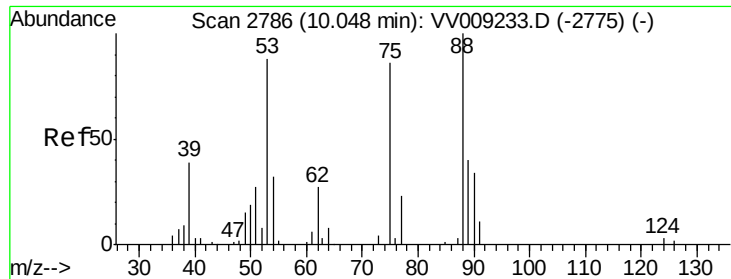
50000

0

10.50 10.60 10.70

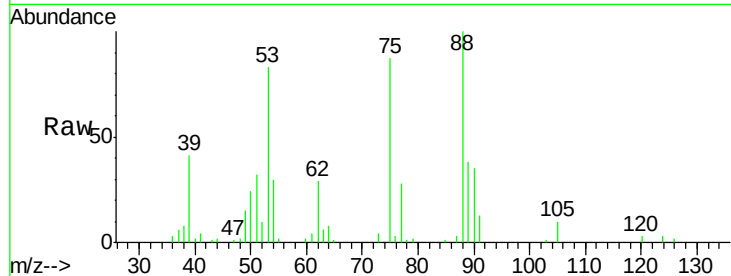
Time-->



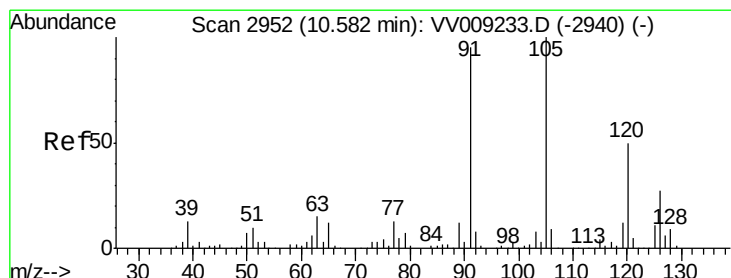
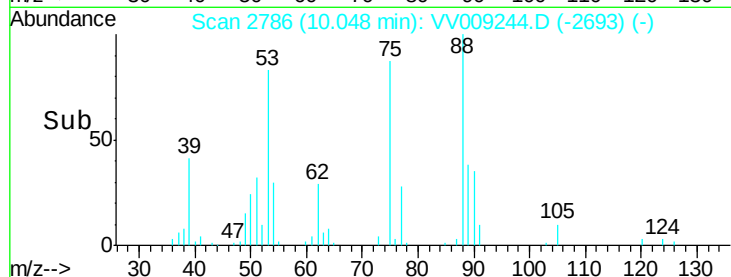
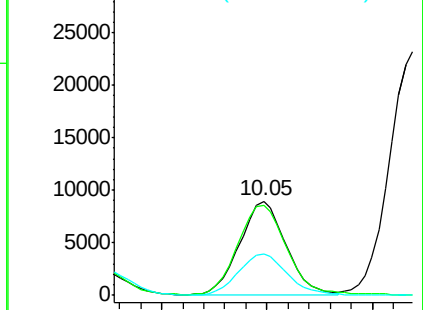


#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.111 ug/l  
RT: 10.05 min Scan# 2786  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tot Ion: 75 Resp: 13810  
Ion Ratio Lower Upper  
75 100  
53 101.7 82.1 123.1  
89 45.5 36.2 54.4

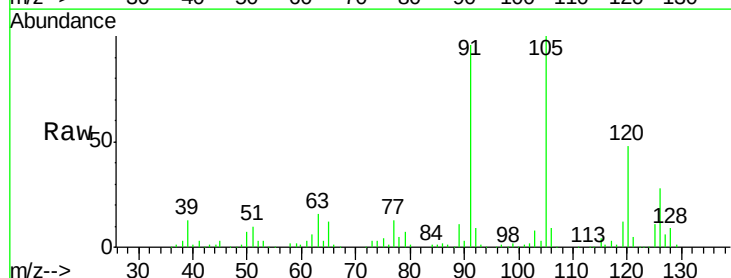


Abundance Ion 74.90 (74.60 to 75.60): VV0  
Ion 53.00 (52.70 to 53.70): VV0  
Ion 88.90 (88.60 to 89.60): VV0

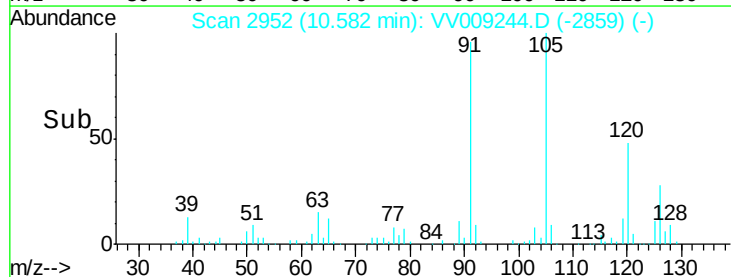
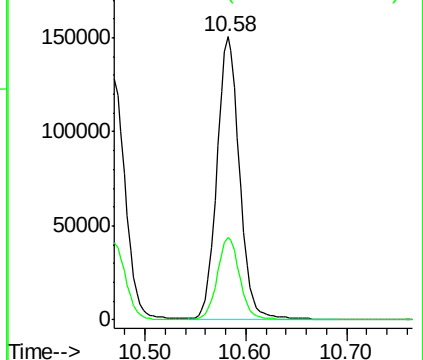


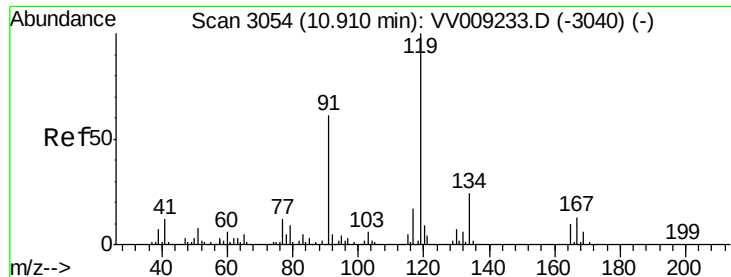
#82  
4-Chlorotoluene  
Concen: 52.444 ug/l  
RT: 10.58 min Scan# 2952  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

Tgt Ion: 91 Resp: 236322  
Ion Ratio Lower Upper  
91 100  
126 29.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VV0  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.957 ug/l

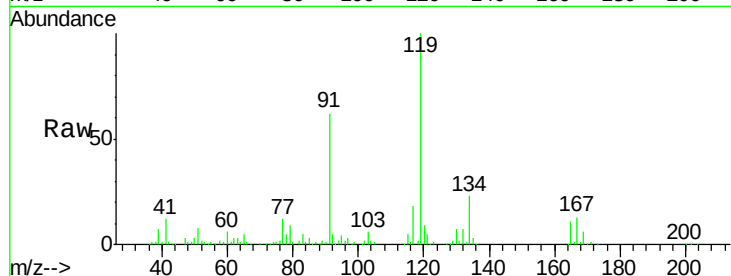
RT: 10.91 min Scan# 3054

Delta R.T. 0.00 min

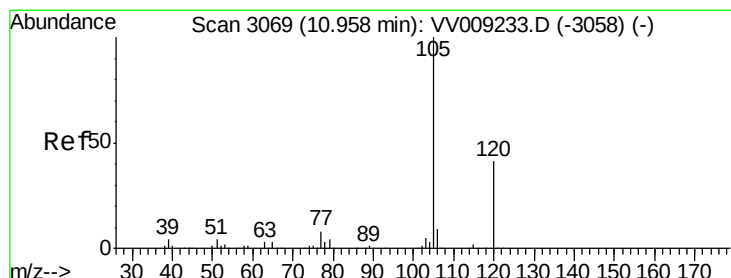
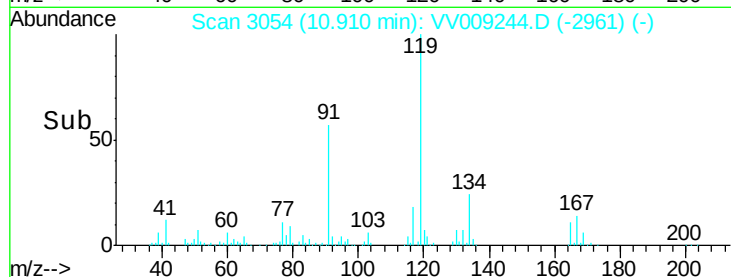
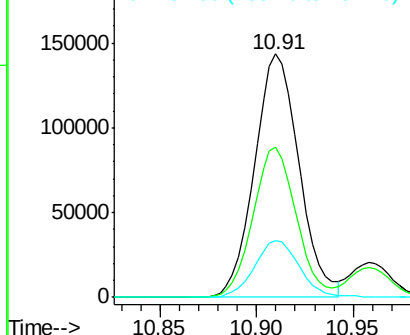
Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

|             |              |
|-------------|--------------|
| Tot Ion:119 | Resp: 230463 |
| Ion Ratio   | Lower Upper  |
| 119 100     |              |
| 91 59.9     | 30.0 90.1    |
| 134 23.8    | 11.9 35.7    |



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



#84

1,2,4-Trimethylbenzene

Concen: 53.449 ug/l

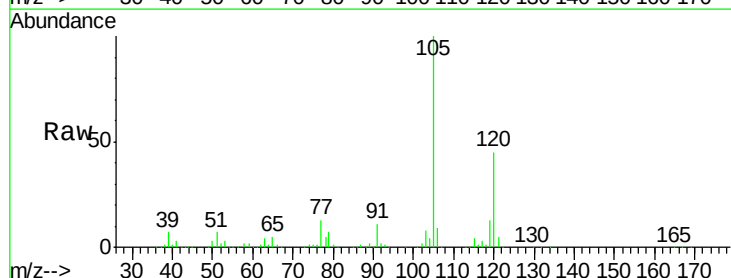
RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

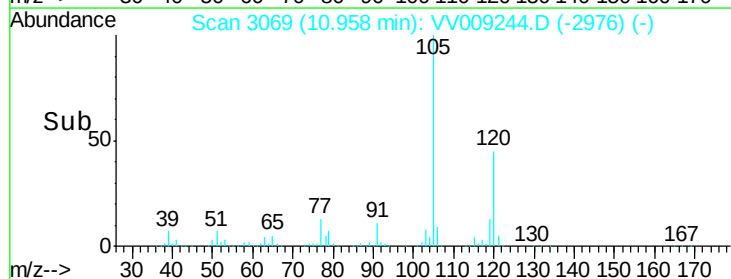
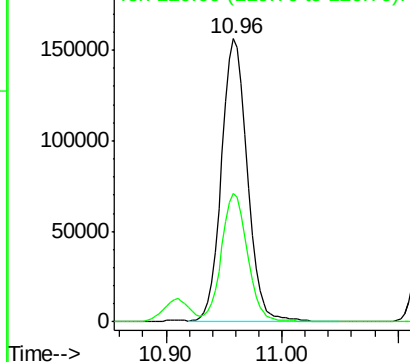
Lab File: VV009244.D

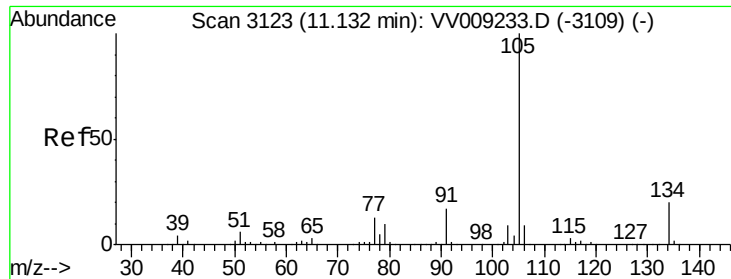
Acq: 23 Jan 2019 11:58

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 241856 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 120 | 45.7    | 22.6  | 67.7   |



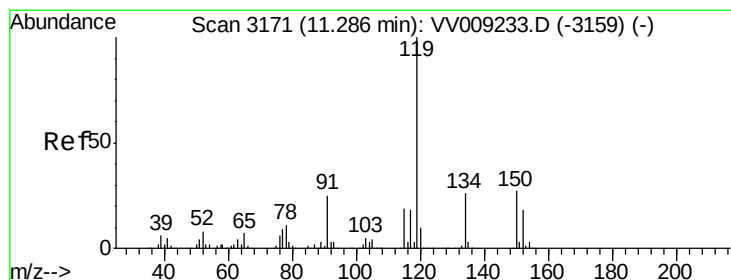
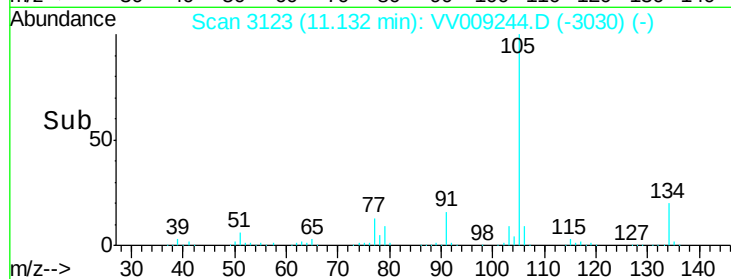
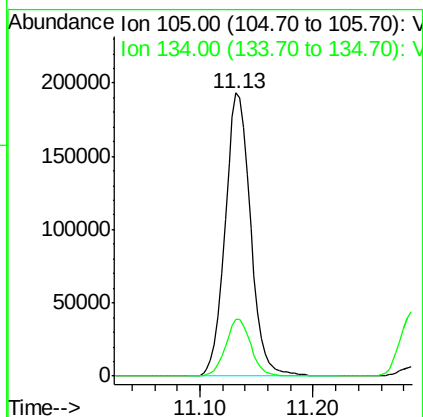
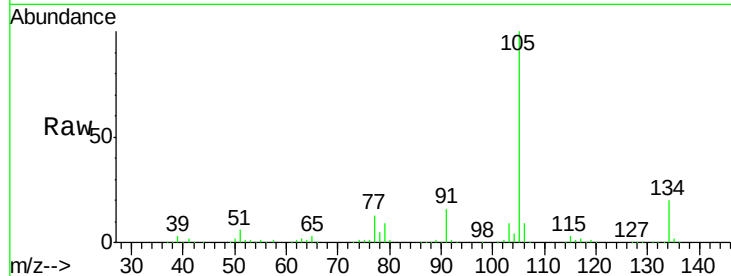
Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





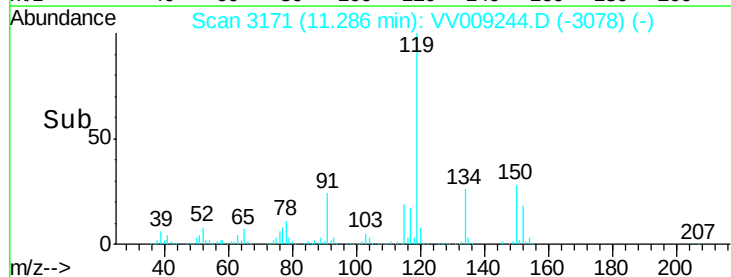
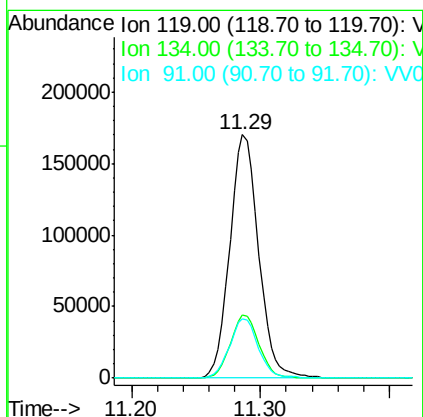
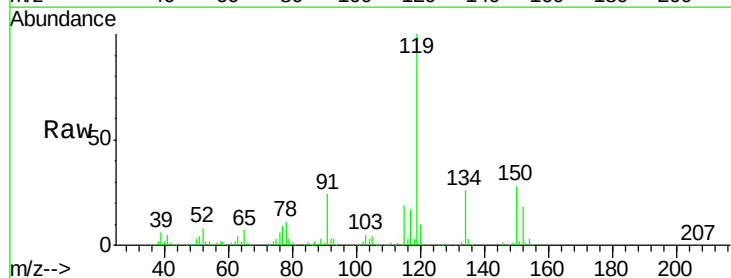
#85  
 sec-Butylbenzene  
 Concen: 53.947 ug/l  
 RT: 11.13 min Scan# 3123  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

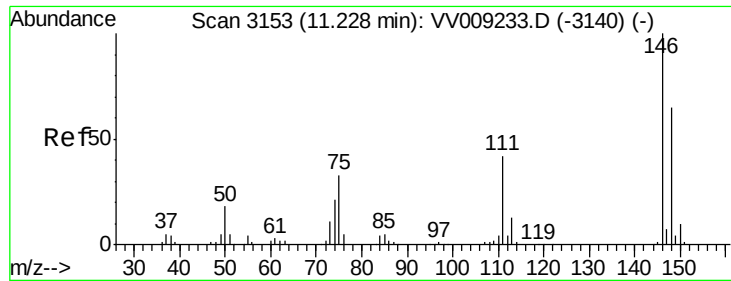
Tot Ion:105 Resp: 301798  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 53.884 ug/l  
 RT: 11.29 min Scan# 3171  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

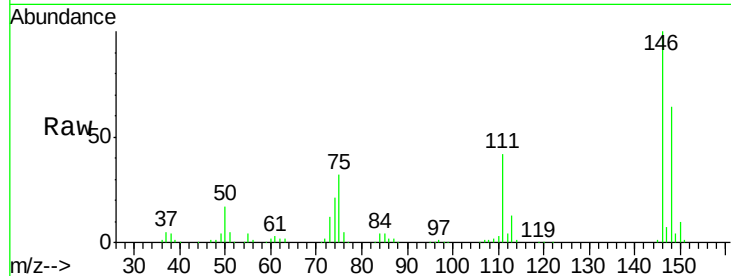
Tgt Ion:119 Resp: 263944  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 38.9  
 91 24.5 12.4 37.2



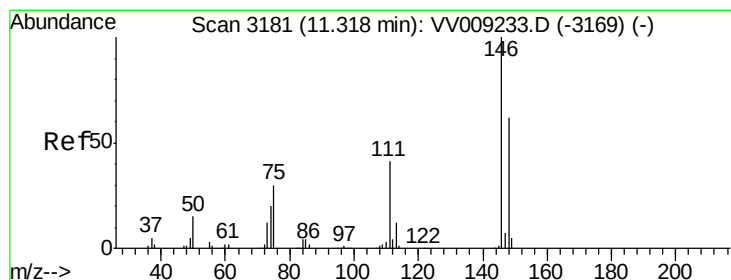
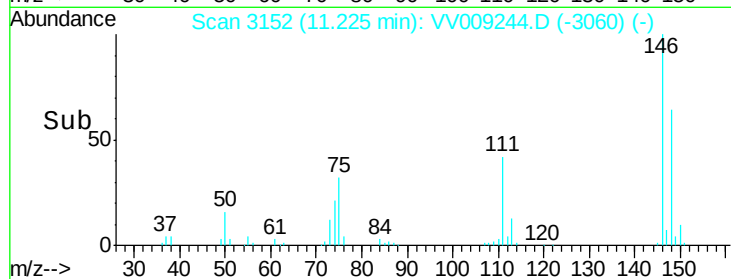
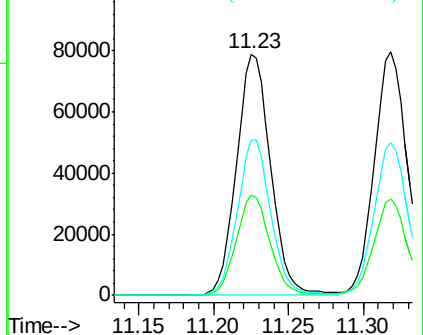


#87  
 1,3-Dichlorobenzene  
 Concen: 52.899 ug/l  
 RT: 11.23 min Scan# 3152  
 Delta R.T. -0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 21.1  | 63.4  |
| 148     | 63.3  | 32.1  | 96.3  |

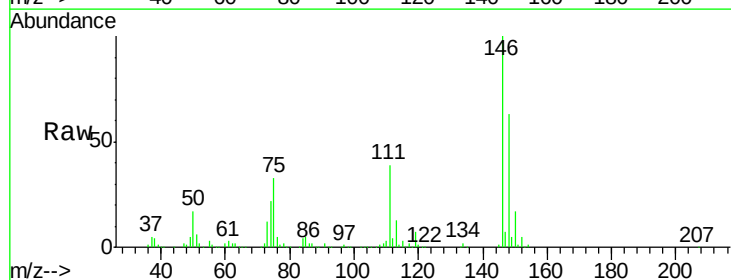


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

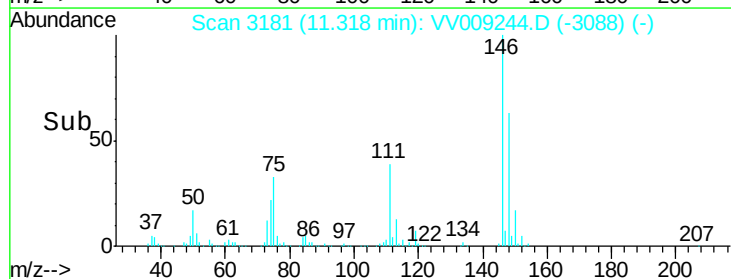
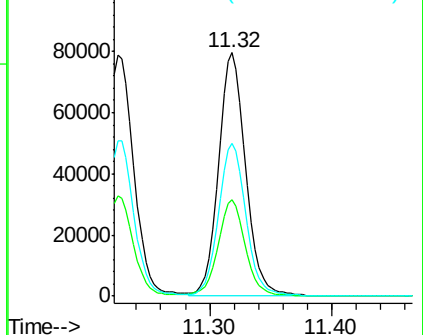


#88  
 1,4-Dichlorobenzene  
 Concen: 52.027 ug/l  
 RT: 11.32 min Scan# 3181  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

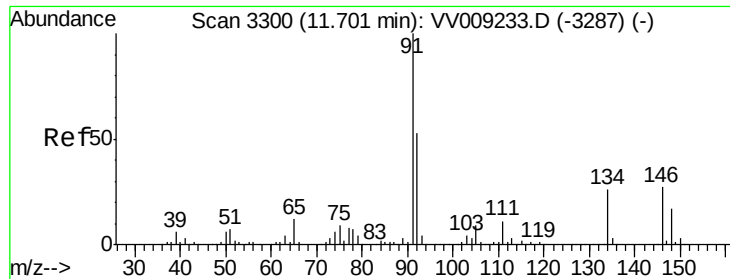
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 20.5  | 61.5  |
| 148     | 63.7  | 31.4  | 94.3  |



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

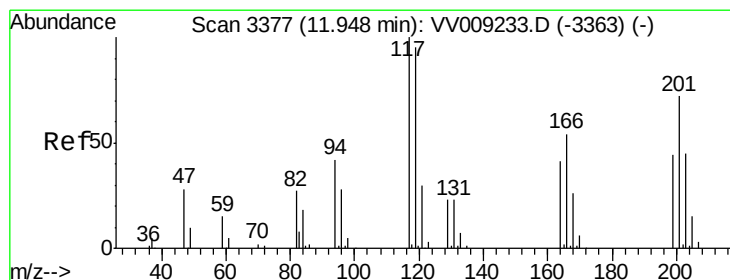
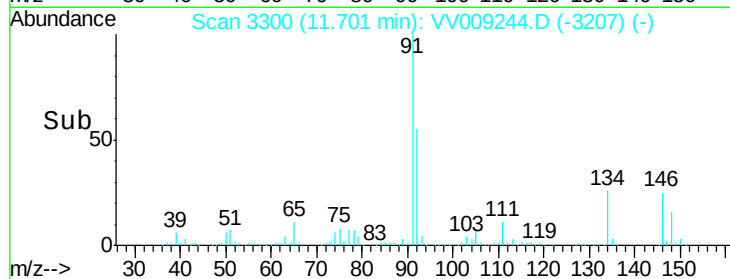
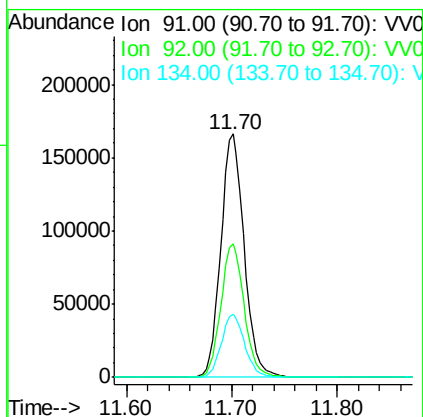
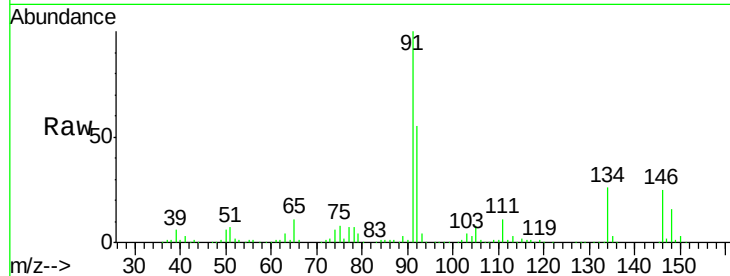






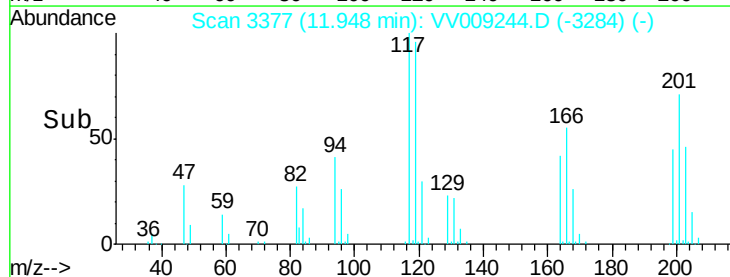
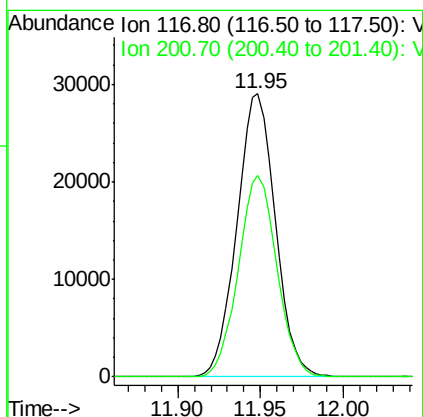
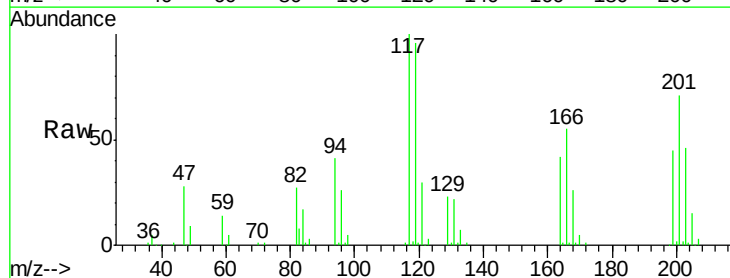
#89  
n-Butylbenzene  
Concen: 53.414 ug/l  
RT: 11.70 min Scan# 3300  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

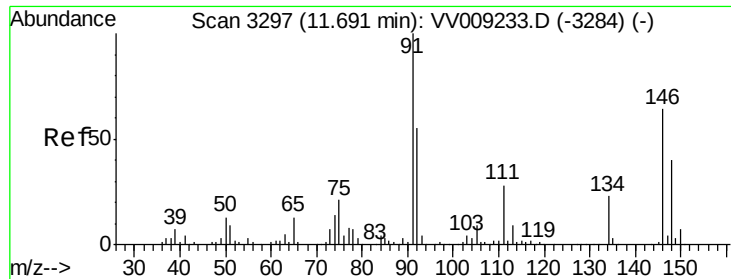
Tot Ion: 91 Resp: 253962  
Ion Ratio Lower Upper  
91 100  
92 54.6 27.2 81.5  
134 25.8 12.6 37.8



#90  
Hexachloroethane  
Concen: 53.791 ug/l  
RT: 11.95 min Scan# 3377  
Delta R.T. 0.00 min  
Lab File: VV009244.D  
Acq: 23 Jan 2019 11:58

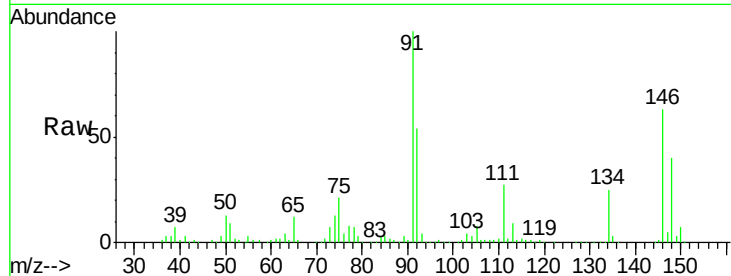
Tgt Ion: 117 Resp: 46855  
Ion Ratio Lower Upper  
117 100  
201 71.4 35.2 105.6



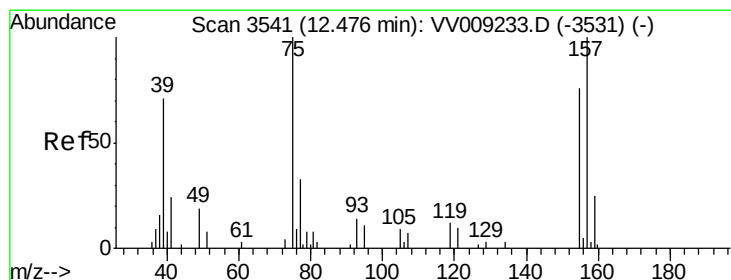
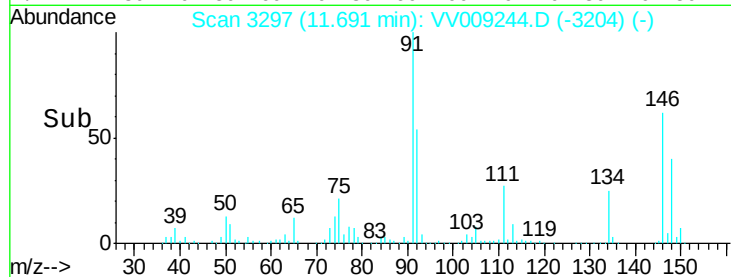
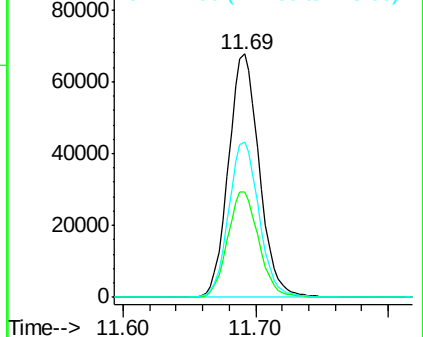


#91  
 1,2-Dichlorobenzene  
 Concen: 52.057 ug/l  
 RT: 11.69 min Scan# 3297  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tot Ion:146 Resp: 109156  
 Ion Ratio Lower Upper  
 146 100  
 111 43.7 21.9 65.8  
 148 63.2 31.6 95.0

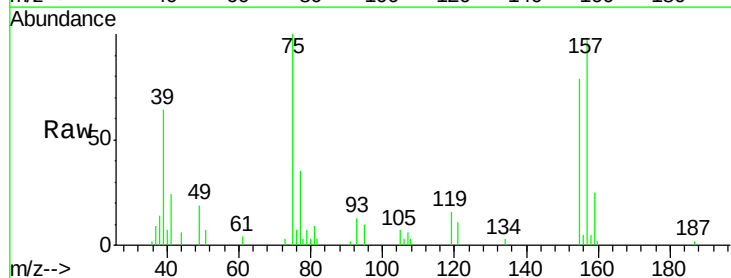


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

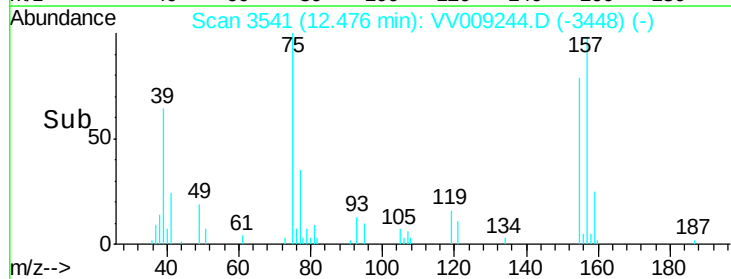
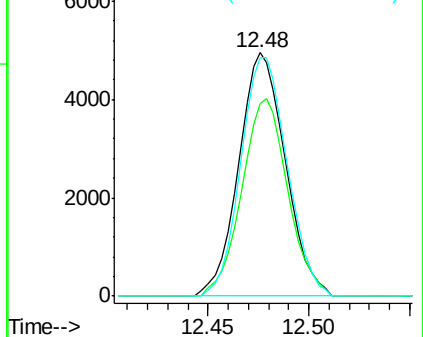


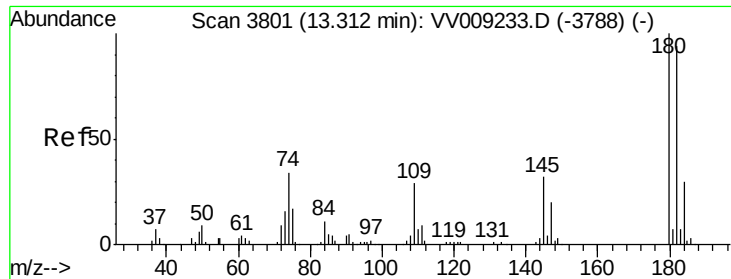
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.926 ug/l  
 RT: 12.48 min Scan# 3541  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tgt Ion: 75 Resp: 8012  
 Ion Ratio Lower Upper  
 75 100  
 155 79.8 38.0 114.0  
 157 97.5 50.8 152.4



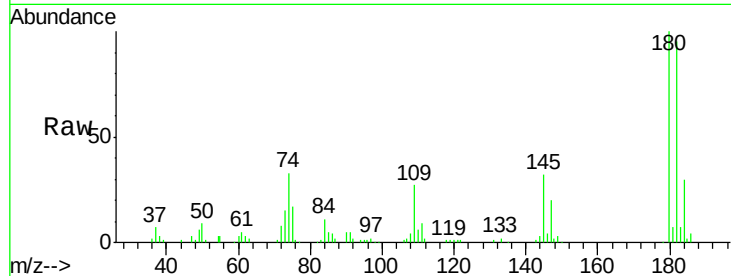
Abundance Ion 74.90 (74.60 to 75.60): VV0  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V



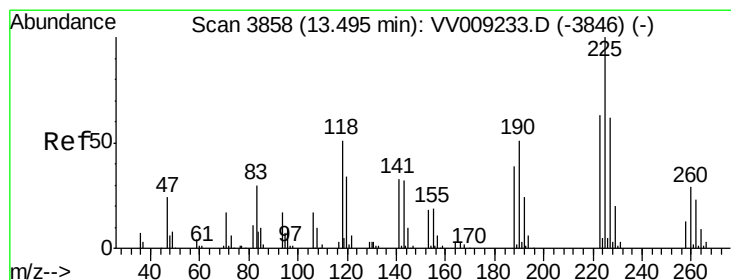
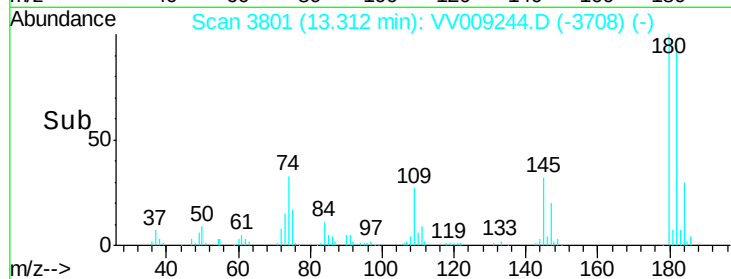
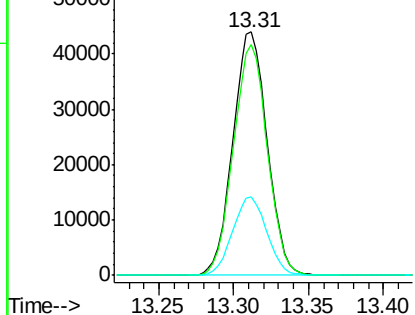


#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.020 ug/l  
 RT: 13.31 min Scan# 3801  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tot Ion:180 Resp: 70219  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 47.1 141.4  
 145 32.2 16.0 48.0

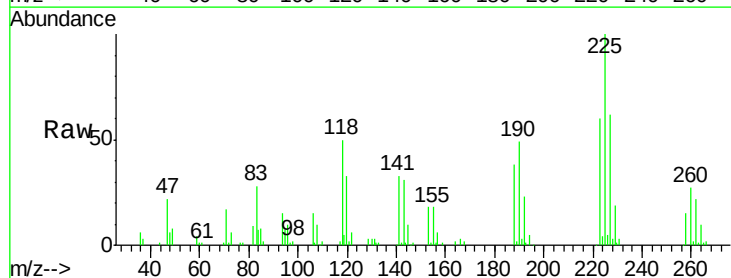


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

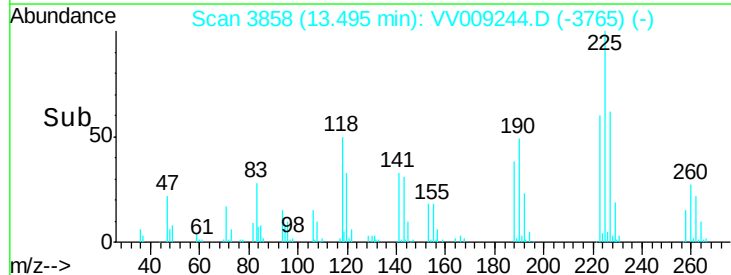
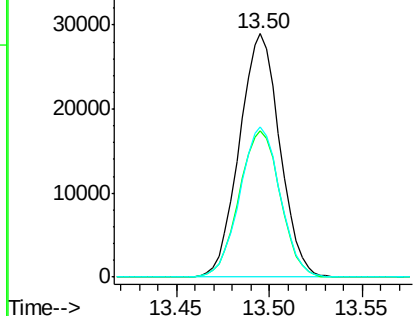


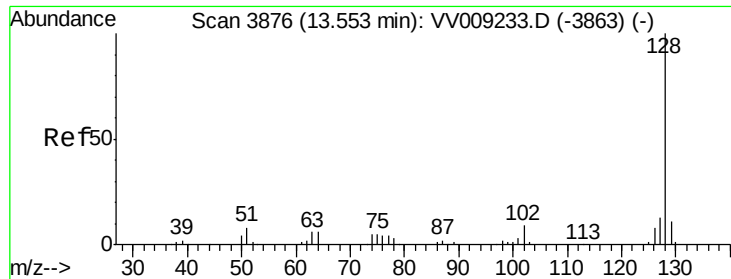
#94  
 Hexachlorobutadiene  
 Concen: 52.238 ug/l  
 RT: 13.50 min Scan# 3858  
 Delta R.T. 0.00 min  
 Lab File: VV009244.D  
 Acq: 23 Jan 2019 11:58

Tgt Ion:225 Resp: 43702  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 31.7 95.1  
 227 61.6 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.554 ug/l

RT: 13.55 min Scan# 3876

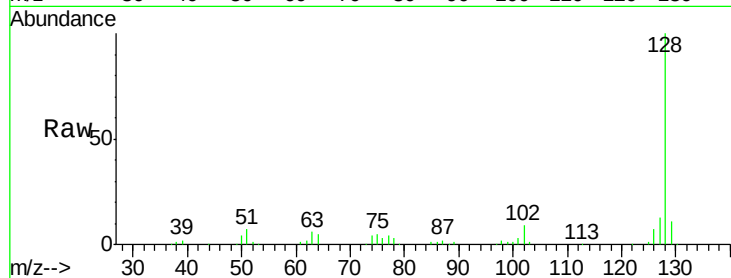
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tot Ion:128 Resp: 124994

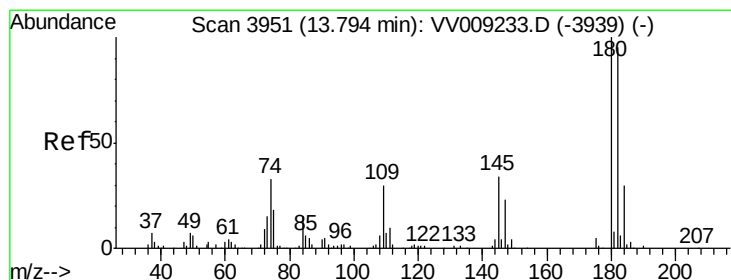
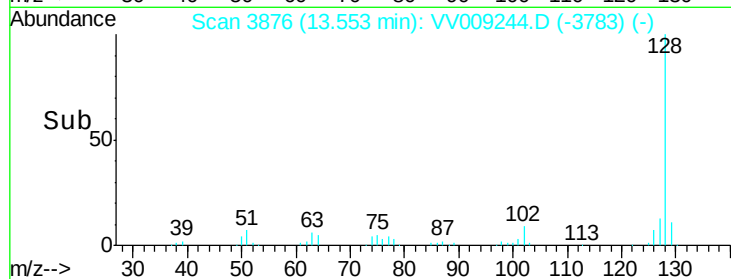
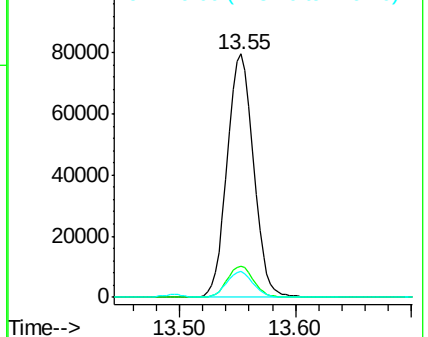
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.7  | 16.1  |
| 129 | 10.6  | 8.8   | 13.2  |



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: 51.994 ug/l

RT: 13.79 min Scan# 3951

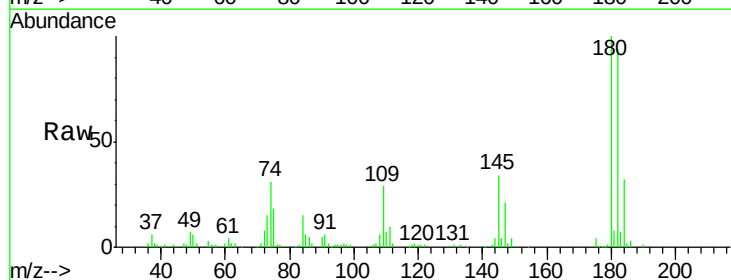
Delta R.T. 0.00 min

Lab File: VV009244.D

Acq: 23 Jan 2019 11:58

Tgt Ion:180 Resp: 59431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.2  | 47.4  | 142.2 |
| 145 | 34.2  | 17.2  | 51.5  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

