

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\  
 Data File : VW009053.D  
 Acq On : 08 Mar 2019 14:15  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 09 01:18:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 05:22:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 286429   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 393191   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 377982   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 212132   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 128481   | 44.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.16%  |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 113788   | 48.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.14%  |          |
| 50) Toluene-d8              | 10.32 | 98   | 511329   | 52.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.18% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 187273   | 48.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.86%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85   | 131002   | 45.382  | ug/l  | 96     |
| 3) Chloromethane              | 2.21 | 50   | 171729   | 46.830  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.36 | 62   | 178591   | 47.989  | ug/l  | 100    |
| 5) Bromomethane               | 2.76 | 94   | 128063   | 40.766  | ug/l  | 99     |
| 6) Chloroethane               | 2.92 | 64   | 124310   | 46.921  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101  | 223157   | 46.573  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.68 | 74   | 61871    | 42.229  | ug/l  | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 139587   | 46.774  | ug/l  | 100    |
| 10) Methyl Iodide             | 4.27 | 142  | 161631   | 49.934  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 5.17 | 59   | 43020    | 194.811 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 4.04 | 96   | 119843   | 46.555  | ug/l  | 97     |
| 13) Acrolein                  | 3.90 | 56   | 51871    | 213.459 | ug/l  | 99     |
| 14) Allyl chloride            | 4.67 | 41   | 215208   | 47.394  | ug/l  | 99     |
| 15) Acrylonitrile             | 5.37 | 53   | 136956   | 214.178 | ug/l  | 98     |
| 16) Acetone                   | 4.13 | 43   | 161709   | 248.671 | ug/l  | 96     |
| 17) Carbon Disulfide          | 4.38 | 76   | 407428   | 47.041  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.67 | 43   | 60944    | 40.755  | ug/l  | 94     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 290377   | 42.642  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.92 | 84   | 139829   | 45.187  | ug/l  | 92     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 135534   | 45.598  | ug/l  | 94     |
| 22) Diisopropyl ether         | 6.31 | 45   | 413408   | 45.813  | ug/l  | 99     |
| 23) Vinyl Acetate             | 6.25 | 43   | 1226448  | 218.407 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 242010   | 46.238  | ug/l  | 99     |
| 25) 2-Butanone                | 7.17 | 43   | 191319   | 212.880 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 7.16 | 77   | 233430   | 49.065  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 145128   | 45.462  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.51 | 49   | 98842    | 45.401  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.53 | 42   | 114839   | 202.771 | ug/l  | 99     |
| 30) Chloroform                | 7.67 | 83   | 243496   | 45.187  | ug/l  | 99     |
| 31) Cyclohexane               | 7.95 | 56   | 245901   | 45.755  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 234851   | 47.226  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 205959   | 50.096  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.26 | 43   | 81034    | 41.962  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 214033   | 50.410  | ug/l  | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 09 01:18:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 05:22:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 254143   | 51.899   | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 549861   | 50.102   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 47916    | 44.682   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 161398   | 45.553   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 156299   | 43.457   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 147786   | 48.045   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 132038   | 48.036   | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 69062    | 46.005   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 182541   | 48.036   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 76284    | 45.550   | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 21530    | 1001.554 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 411265   | 225.239  | ug/l   | 100      |
| 52) Toluene                    | 10.38 | 92   | 384330   | 51.637   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 180570   | 48.045   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 211261   | 48.914   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 93364    | 45.886   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 120175   | 47.590   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 164086   | 45.523   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 299856   | 229.057  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 311191   | 242.405  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 117692   | 46.740   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 91609    | 45.927   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.86 | 164  | 139231   | 51.078   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 410857   | 49.939   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 133595   | 48.632   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 773440   | 52.038   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 604408   | 103.025  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 280511   | 51.389   | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 455600   | 51.587   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 68374    | 46.355   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.46 | 105  | 785796   | 51.728   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 173829   | 48.337   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 110355   | 46.053   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 159991   | 95.459   | ug/l # | 1        |
| 77) Bromobenzene               | 12.75 | 156  | 171972   | 49.546   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 975964   | 52.158   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 535939   | 50.979   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 675966   | 51.622   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 35835    | 47.824   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 565860   | 50.494   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 578280   | 52.363   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 679591   | 51.305   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 848442   | 51.853   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 769667   | 52.582   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 363026   | 49.767   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 356444   | 49.446   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 735289   | 52.841   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 132474   | 52.475   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 316271   | 49.142   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 20027    | 46.925   | ug/l   | 97       |

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Acq On : 08 Mar 2019 14:15  
Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

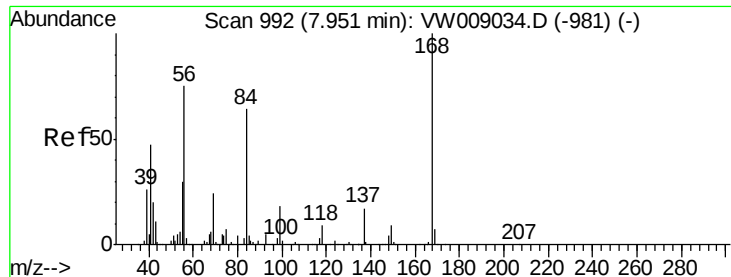
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 09 01:18:08 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 08 05:22:30 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 216423   | 49.793 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 137898   | 50.652 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 351687   | 49.430 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 185199   | 48.457 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

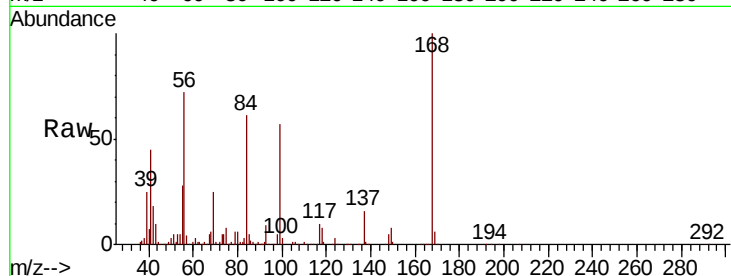
VSTDCCC050

Tot Ion:168 Resp: 286429

Ion Ratio Lower Upper

168 100

99 57.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

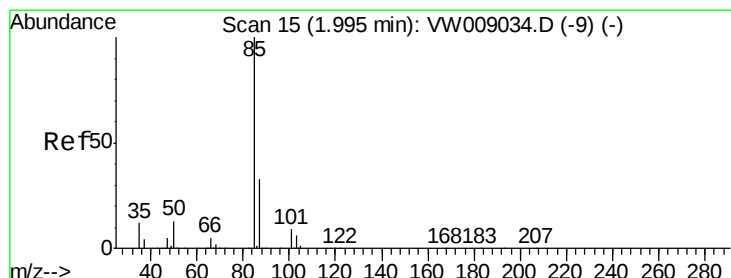
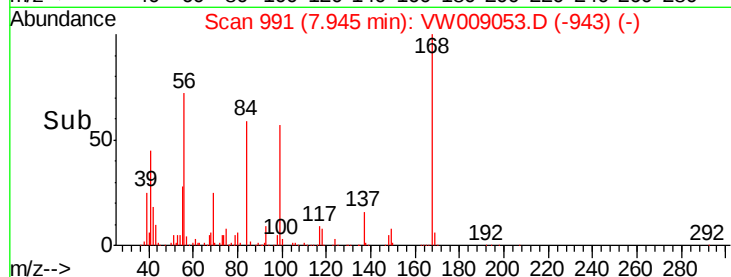
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 45.382 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009053.D

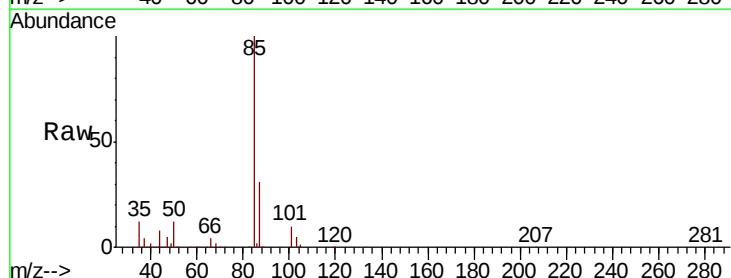
Acq: 08 Mar 2019 14:15

Tgt Ion: 85 Resp: 131002

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

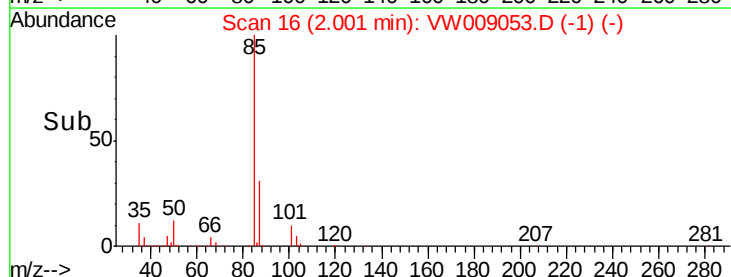
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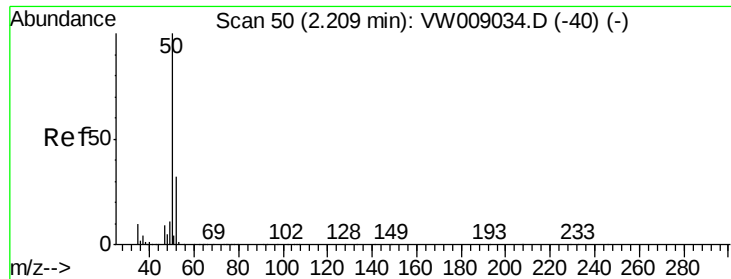
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20000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 46.830 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

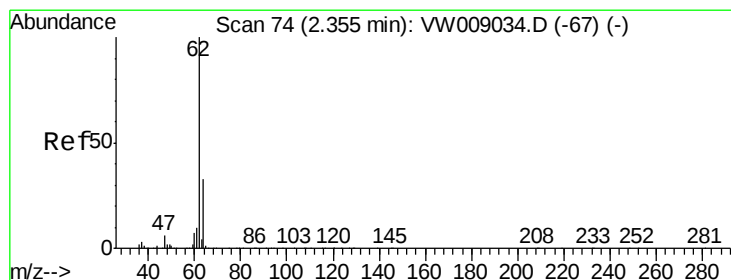
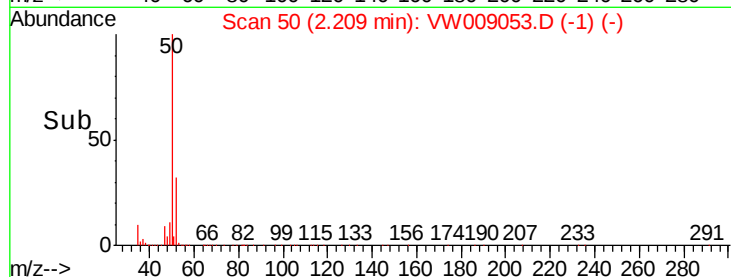
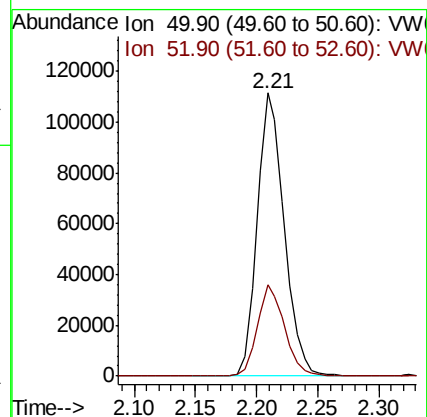
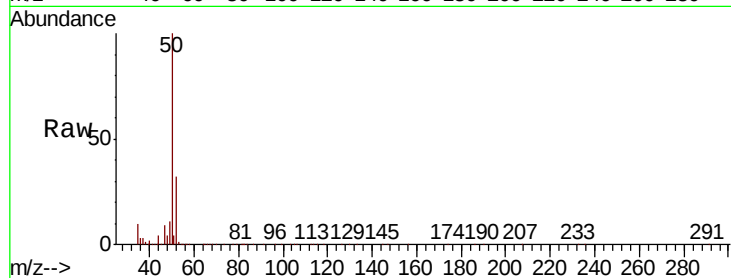
VSTDCCC050

Tot Ion: 50 Resp: 171729

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 47.989 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009053.D

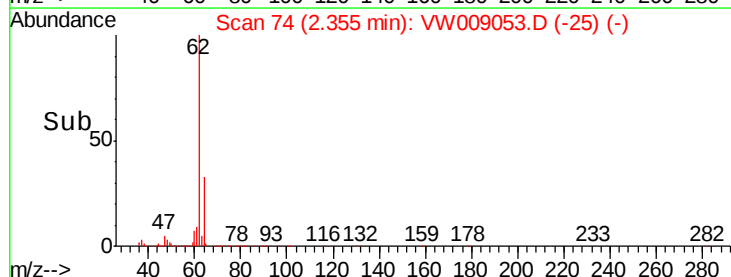
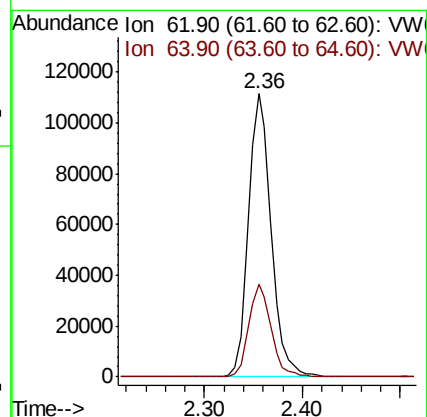
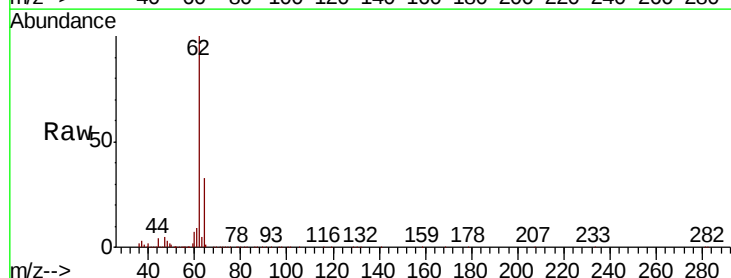
Acq: 08 Mar 2019 14:15

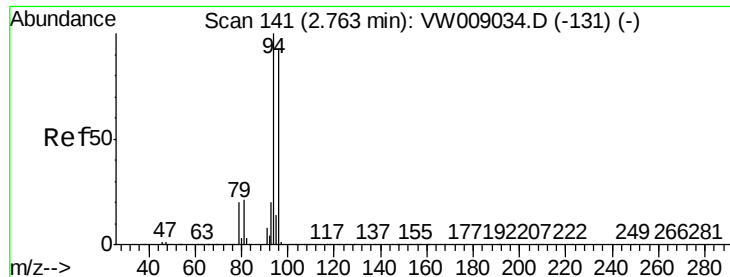
Tgt Ion: 62 Resp: 178591

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 40.766 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

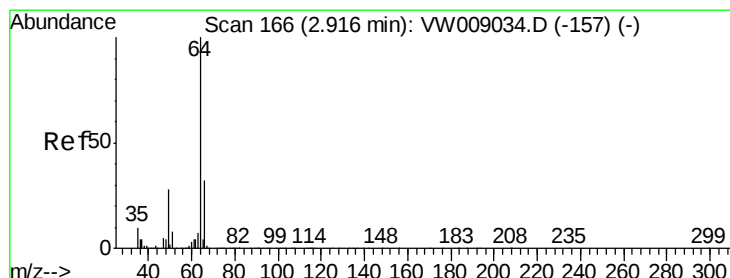
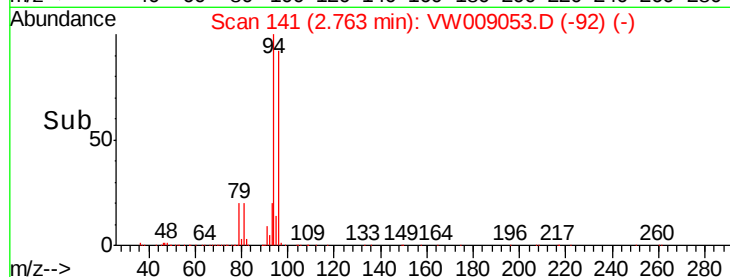
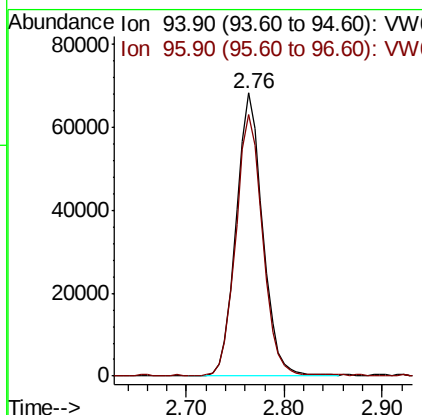
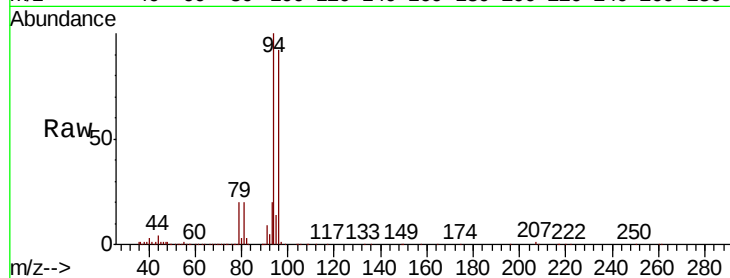
VSTDCCC050

Tot Ion: 94 Resp: 128063

Ion Ratio Lower Upper

94 100

96 92.4 74.4 111.6



#6

Chloroethane

Concen: 46.921 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009053.D

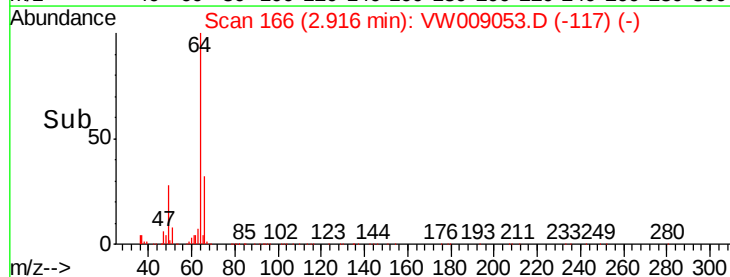
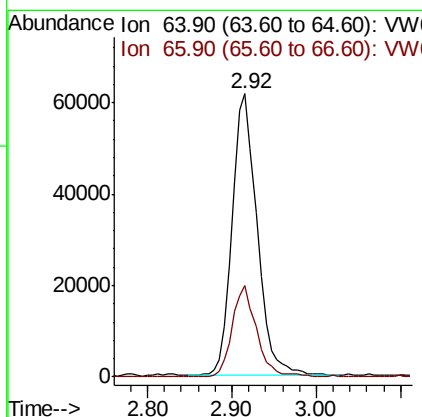
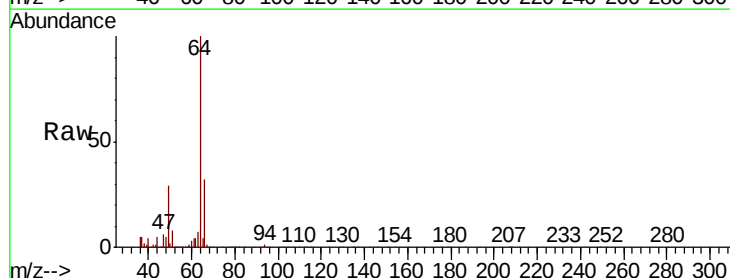
Acq: 08 Mar 2019 14:15

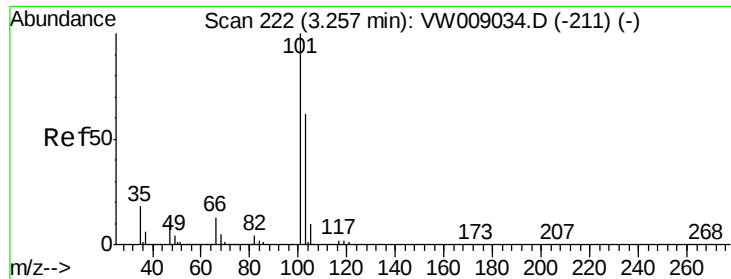
Tgt Ion: 64 Resp: 124310

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



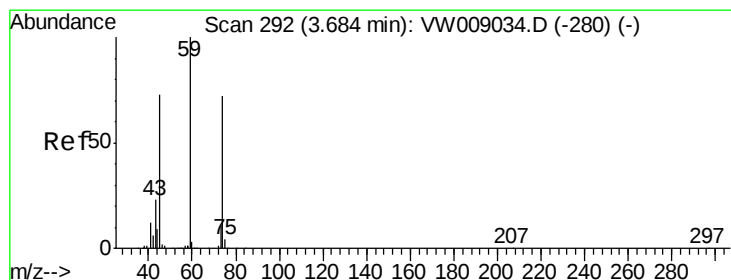
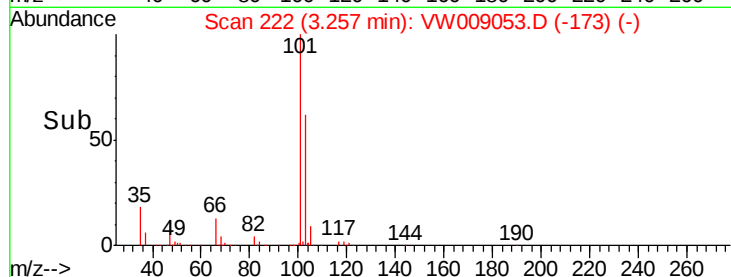
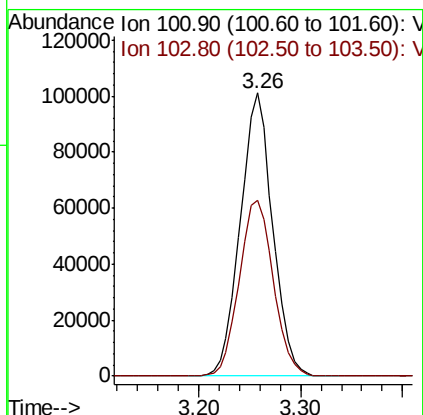
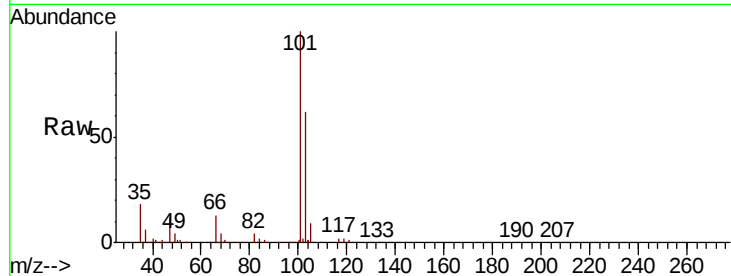


#7

Trichlorofluoromethane  
Concen: 46.573 ug/l  
RT: 3.26 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

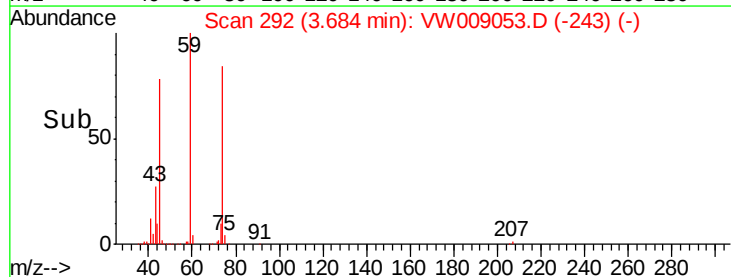
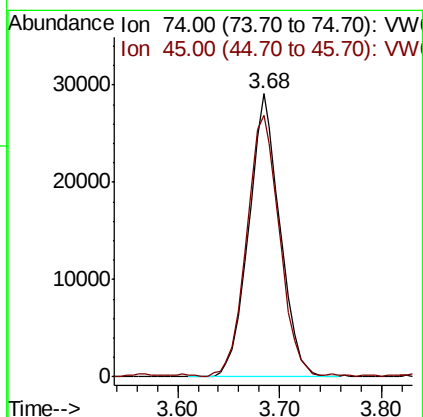
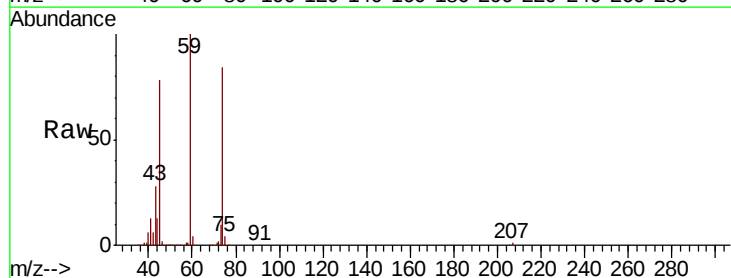
Tot Ion:101 Resp: 223157  
Ion Ratio Lower Upper  
101 100  
103 62.2 49.9 74.9

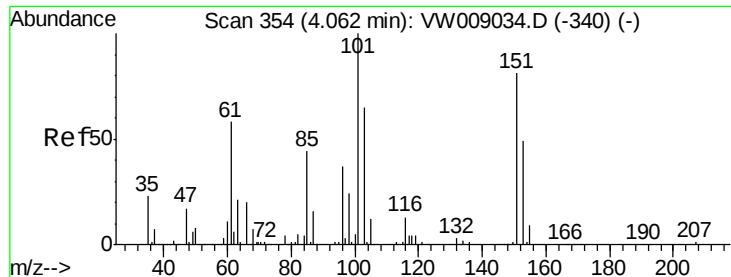


#8

Diethyl Ether  
Concen: 42.229 ug/l  
RT: 3.68 min Scan# 292  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 74 Resp: 61871  
Ion Ratio Lower Upper  
74 100  
45 98.5 52.3 157.1

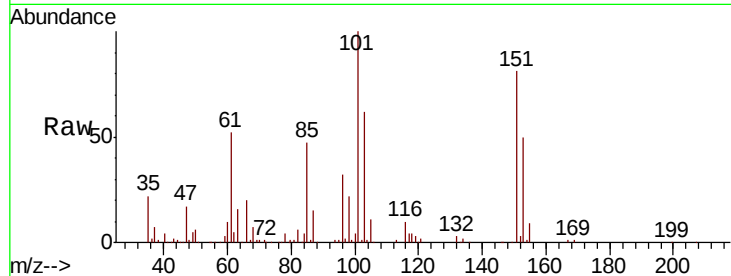




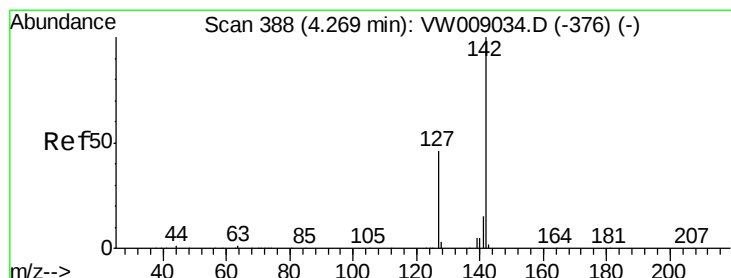
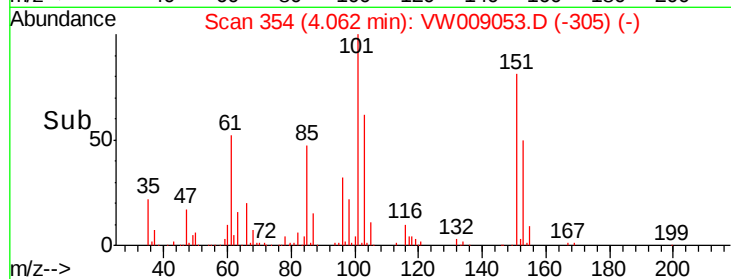
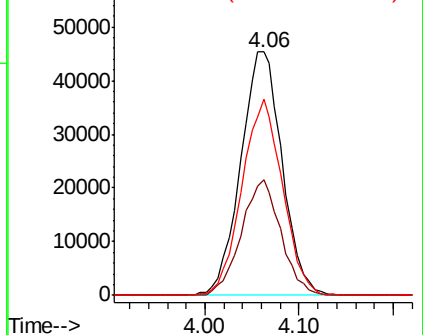
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.774 ug/l  
 RT: 4.06 min Scan# 354  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 139587  
 Ion Ratio Lower Upper  
 101 100  
 85 45.4 36.2 54.4  
 151 79.0 63.4 95.2

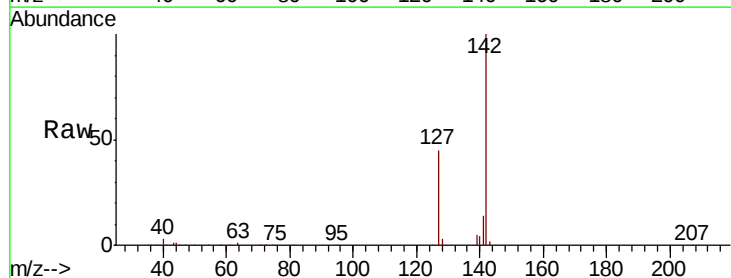


Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 84.90 (84.60 to 85.60): V  
 Ion 150.80 (150.50 to 151.50): V

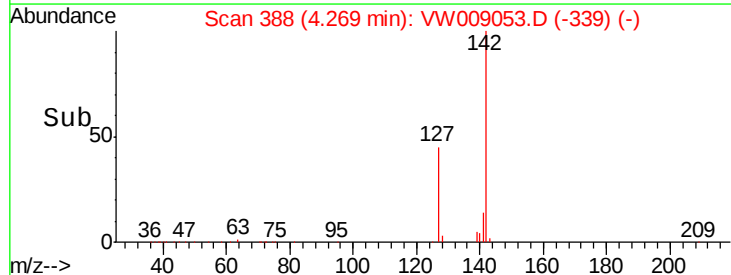
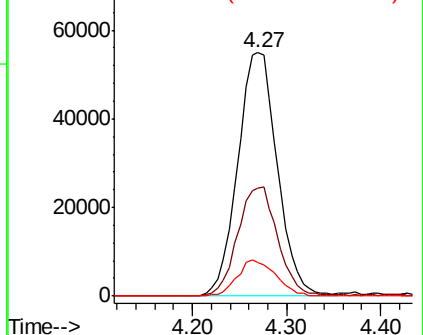


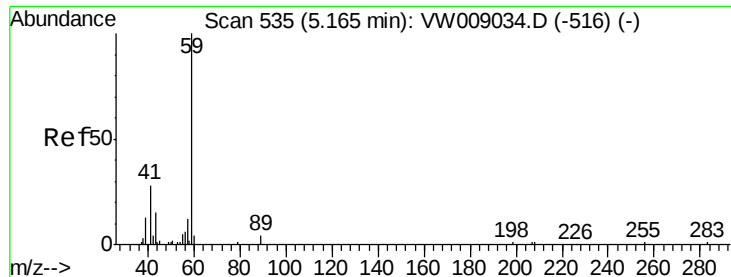
#10  
 Methyl Iodide  
 Concen: 49.934 ug/l  
 RT: 4.27 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion:142 Resp: 161631  
 Ion Ratio Lower Upper  
 142 100  
 127 45.1 35.8 53.6  
 141 14.5 11.8 17.8



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



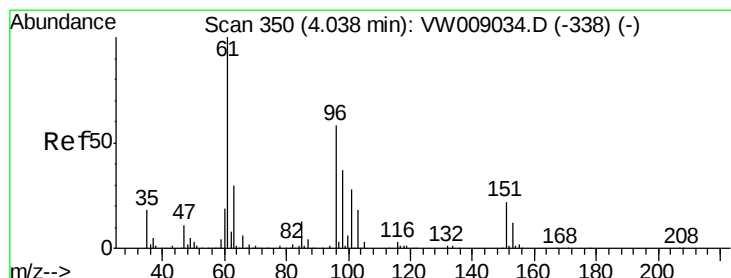
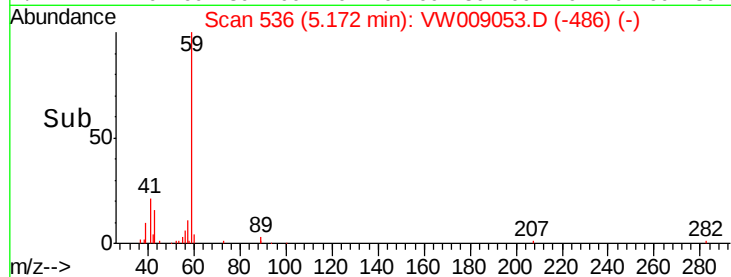
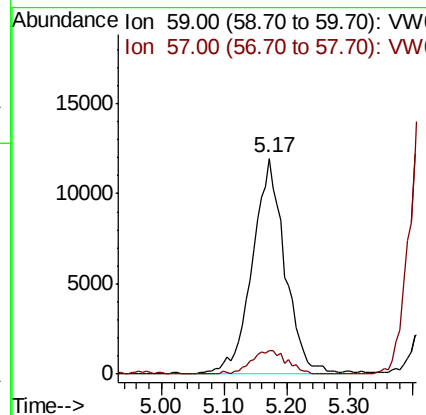
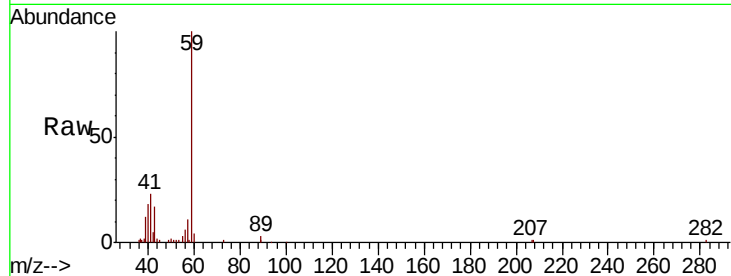


#11

Tert butyl alcohol  
 Concen: 194.811 ug/l  
 RT: 5.17 min Scan# 536  
 Delta R.T. 0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

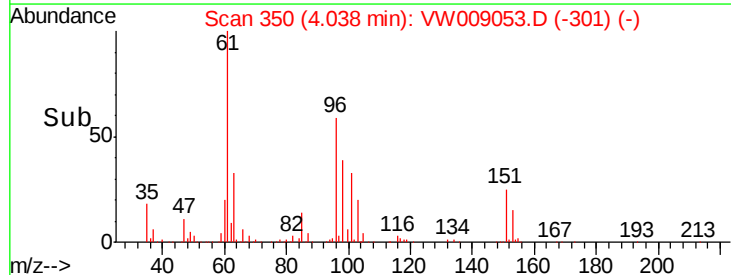
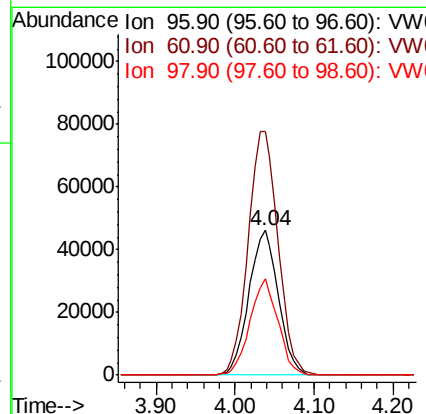
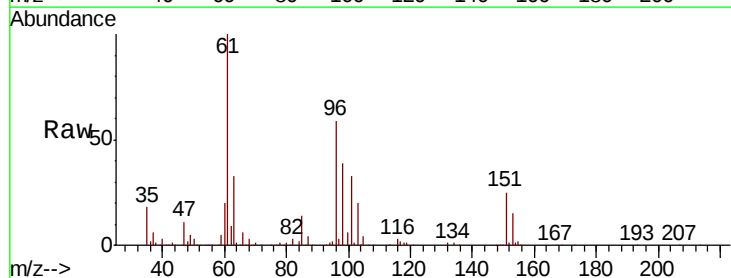
Tot Ion: 59 Resp: 43020  
 Ion Ratio Lower Upper  
 59 100  
 57 11.9 8.6 12.8

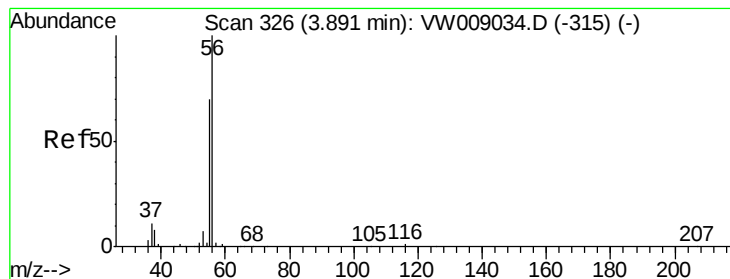


#12

1,1-Dichloroethene  
 Concen: 46.555 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 96 Resp: 119843  
 Ion Ratio Lower Upper  
 96 100  
 61 168.4 138.2 207.2  
 98 66.3 51.3 76.9





#13

Acrolein

Concen: 213.459 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

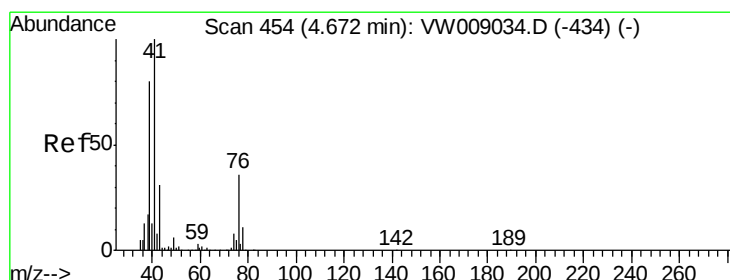
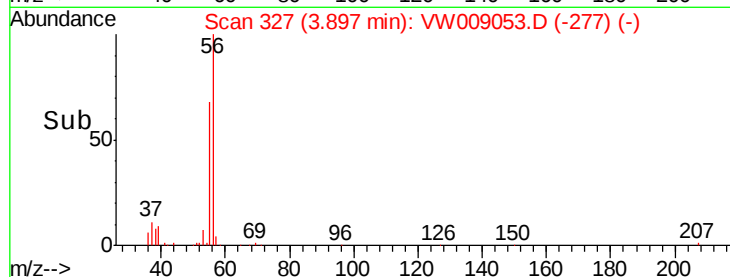
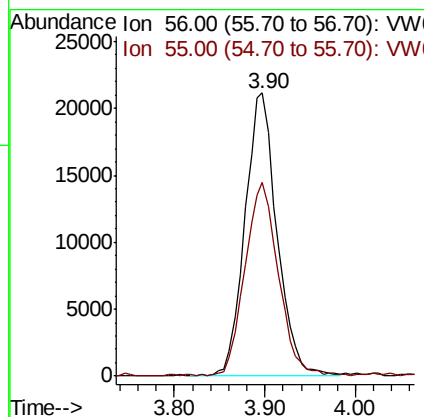
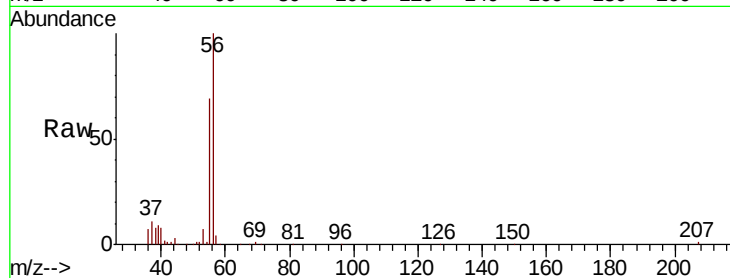
VSTDCCC050

Tot Ion: 56 Resp: 51871

Ion Ratio Lower Upper

56 100

55 71.5 56.6 84.8



#14

Allyl chloride

Concen: 47.394 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

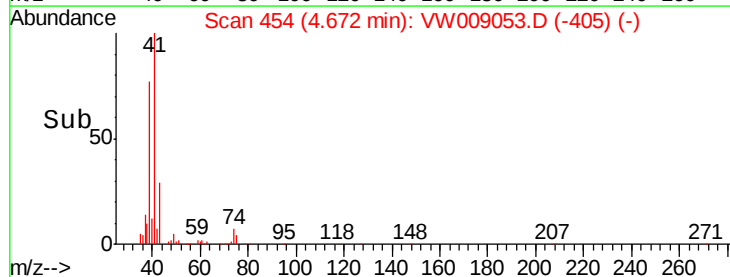
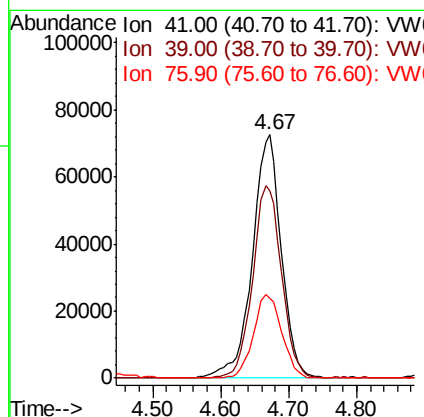
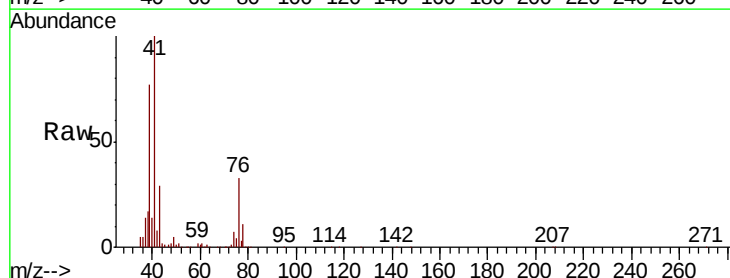
Tgt Ion: 41 Resp: 215208

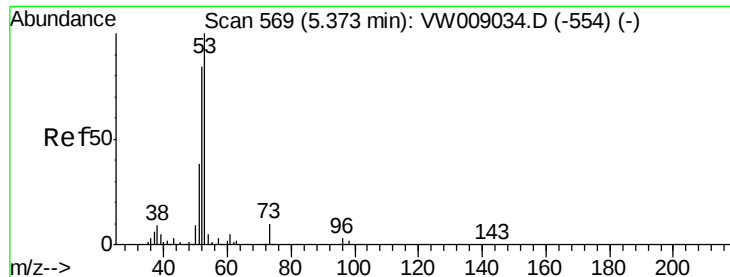
Ion Ratio Lower Upper

41 100

39 78.4 63.0 94.4

76 34.0 28.2 42.2





#15

Acrylonitrile

Concen: 214.178 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

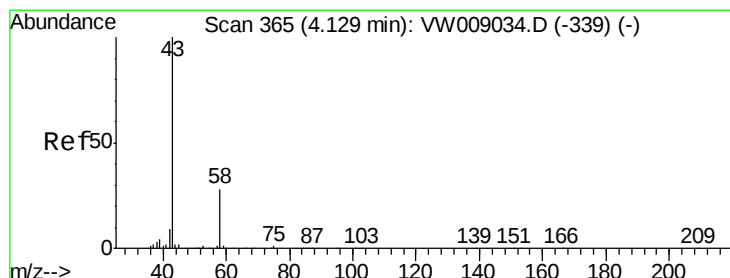
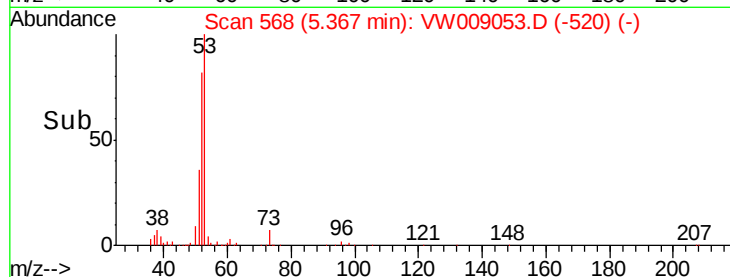
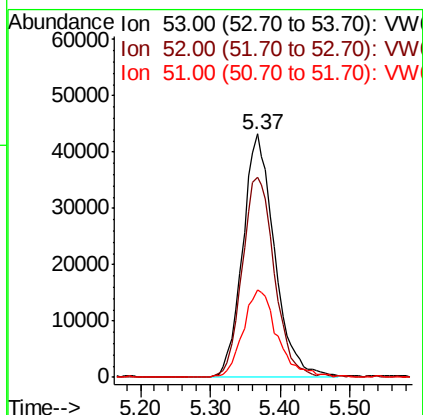
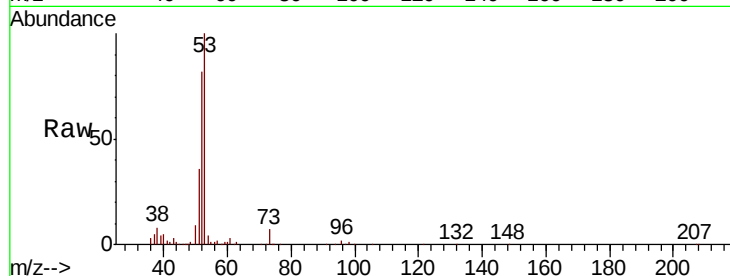
Tot Ion: 53 Resp: 136956

Ion Ratio Lower Upper

53 100

52 82.6 67.2 100.8

51 38.6 31.8 47.6



#16

Acetone

Concen: 248.671 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009053.D

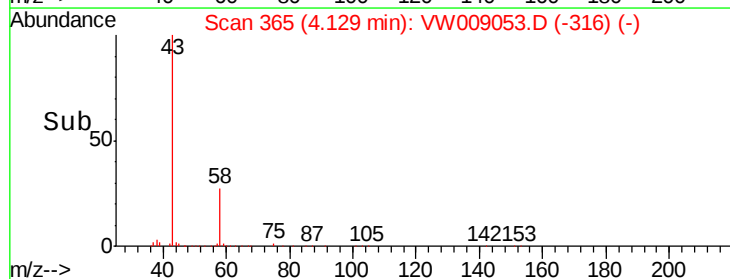
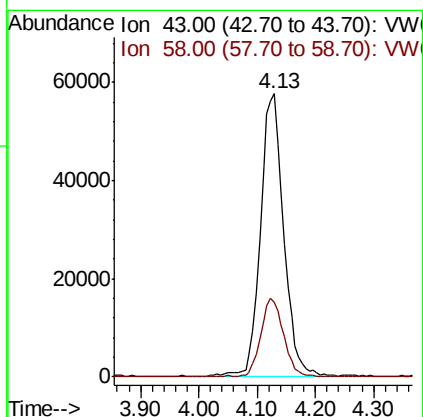
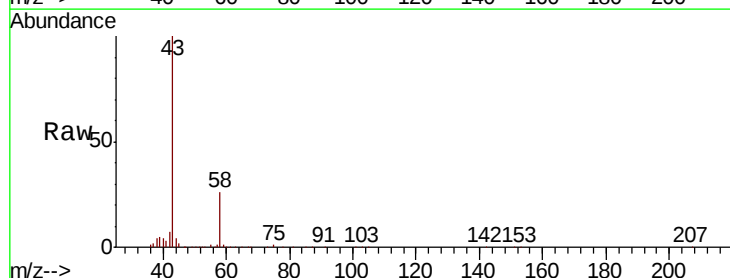
Acq: 08 Mar 2019 14:15

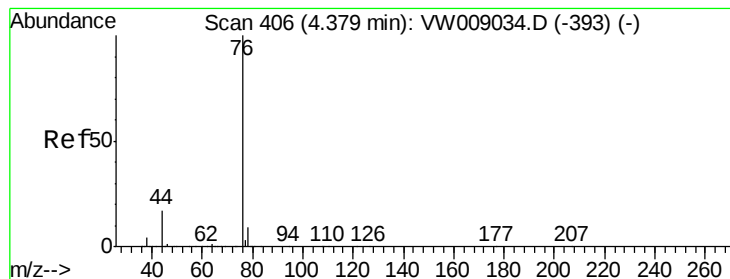
Tgt Ion: 43 Resp: 161709

Ion Ratio Lower Upper

43 100

58 26.2 22.5 33.7





#17

Carbon Disulfide

Concen: 47.041 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

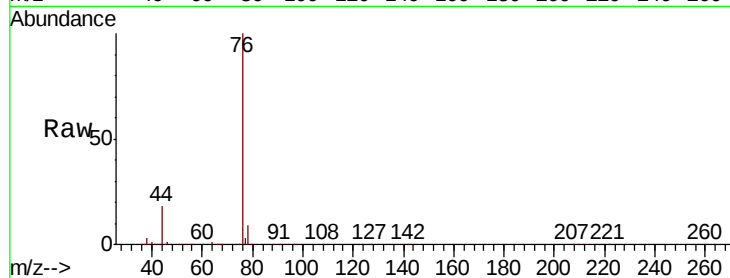
VSTDCCC050

Tot Ion: 76 Resp: 407428

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

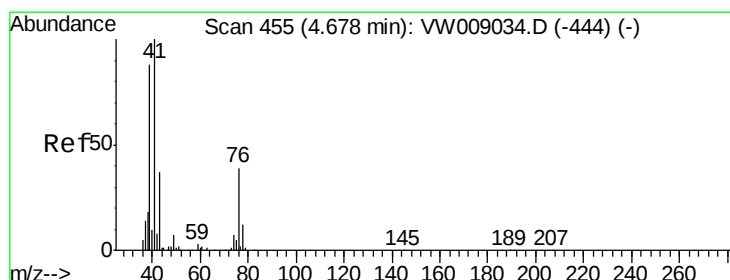
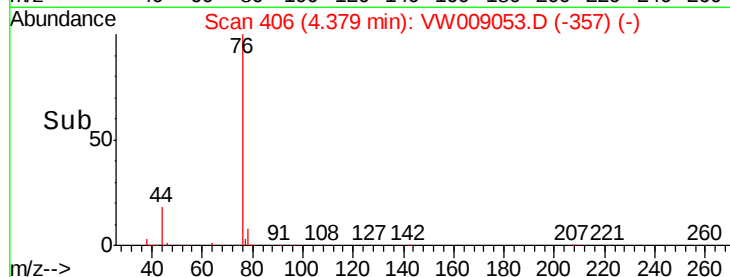
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 40.755 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW009053.D

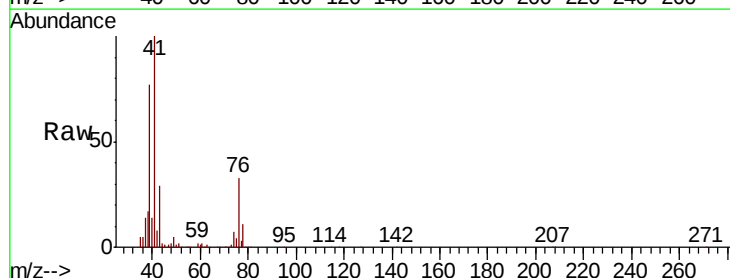
Acq: 08 Mar 2019 14:15

Tgt Ion: 43 Resp: 60944

Ion Ratio Lower Upper

43 100

74 24.8 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

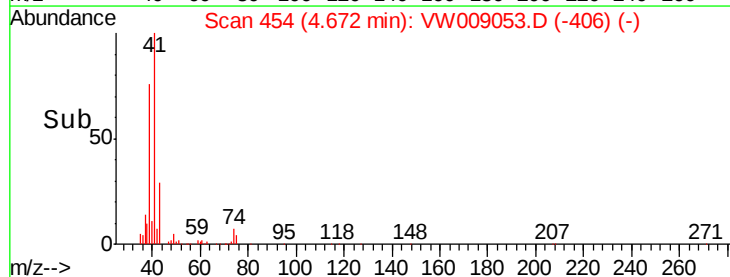
15000

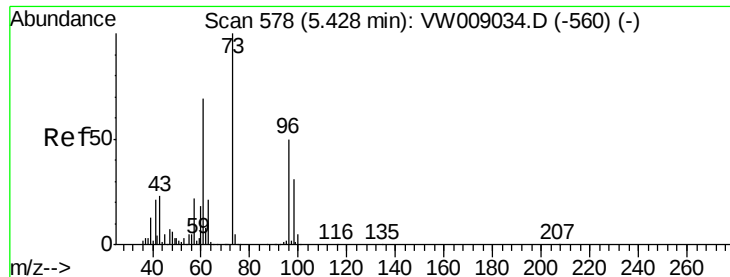
10000

5000

0

Time--> 4.50 4.60 4.70 4.80



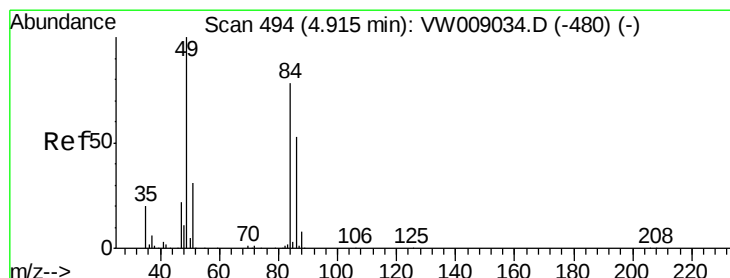
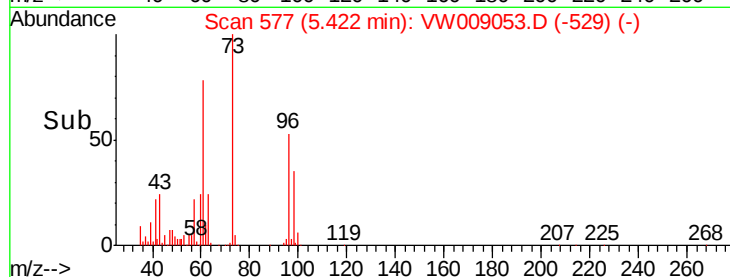
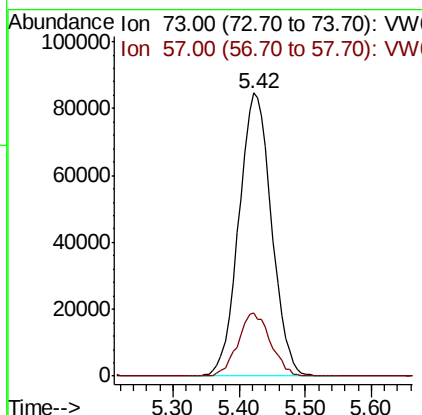
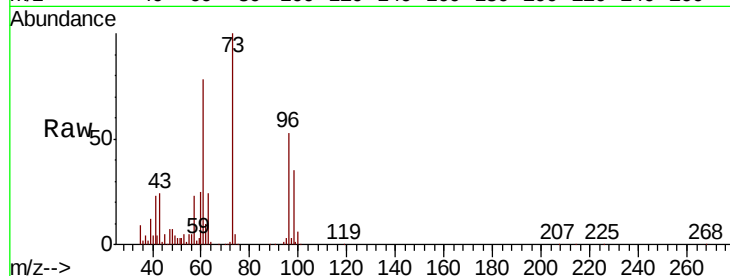


#19

Methyl tert-butyl Ether  
 Concen: 42.642 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

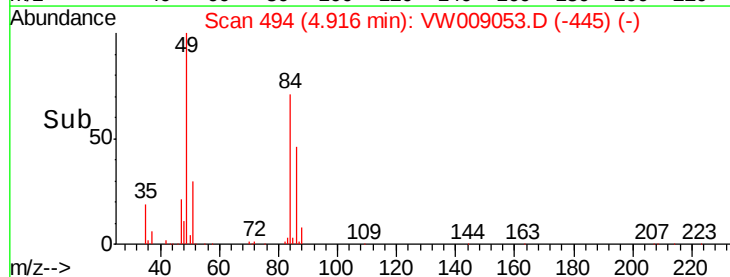
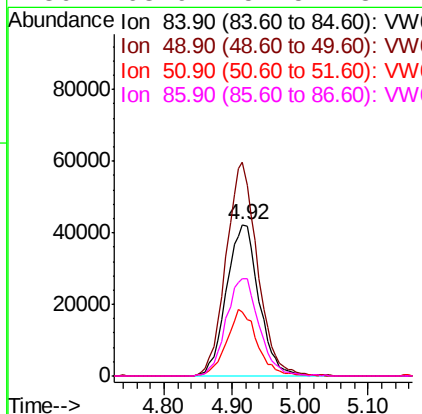
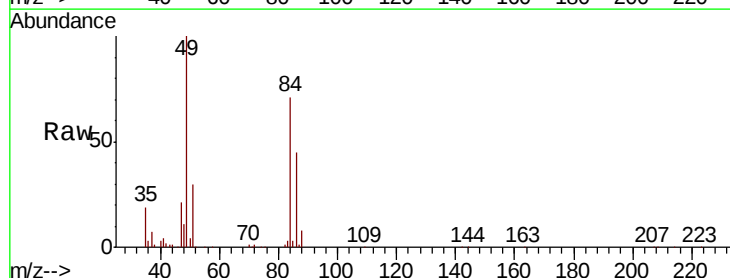
Tot Ion: 73 Resp: 290377  
 Ion Ratio Lower Upper  
 73 100  
 57 22.6 17.3 25.9

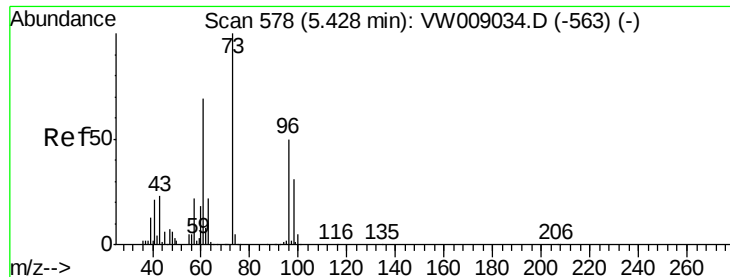


#20

Methylene Chloride  
 Concen: 45.187 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 84 Resp: 139829  
 Ion Ratio Lower Upper  
 84 100  
 49 140.6 102.4 153.6  
 51 41.9 31.6 47.4  
 86 63.9 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 45.598 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

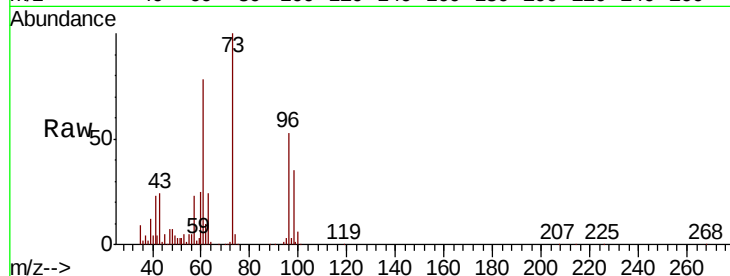
Tot Ion: 96 Resp: 135534

Ion Ratio Lower Upper

96 100

61 146.9 111.0 166.6

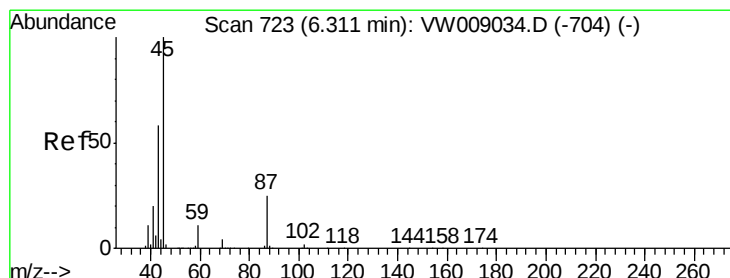
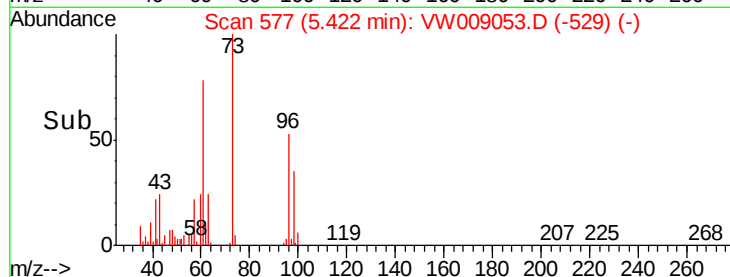
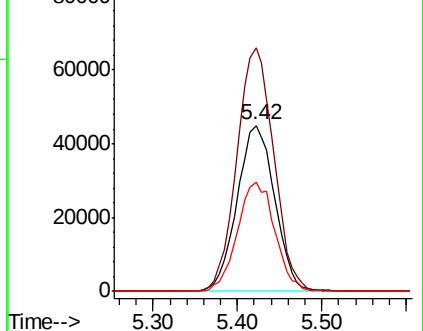
98 65.7 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 45.813 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion: 45 Resp: 413408

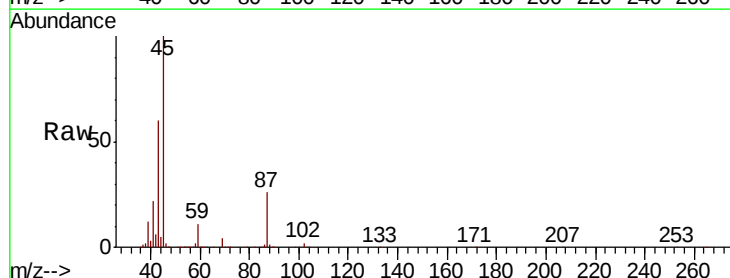
Ion Ratio Lower Upper

45 100

43 58.9 46.2 69.4

87 25.7 20.1 30.1

59 11.0 8.4 12.6

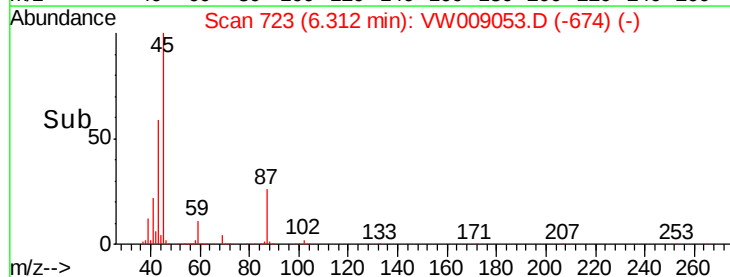
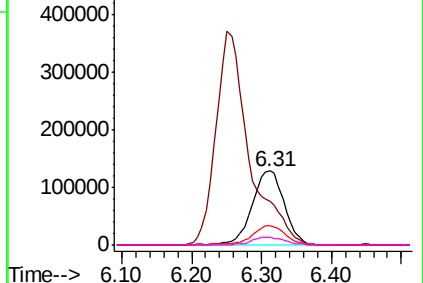


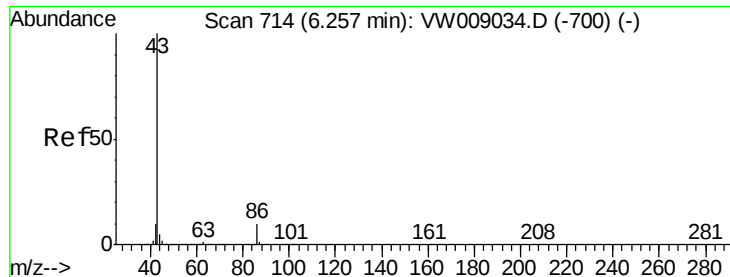
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 218.407 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

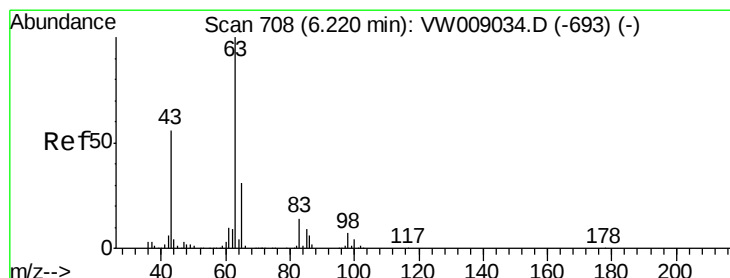
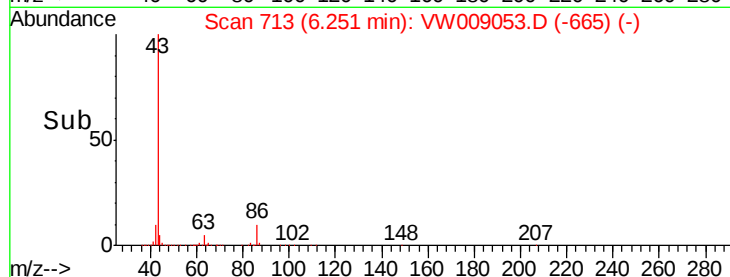
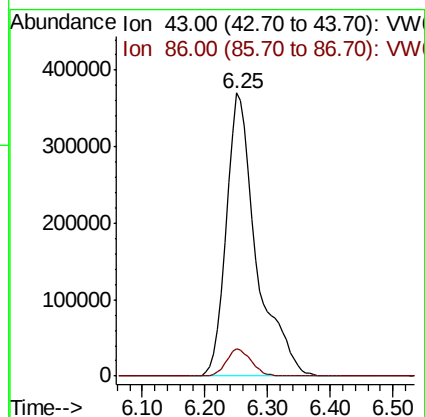
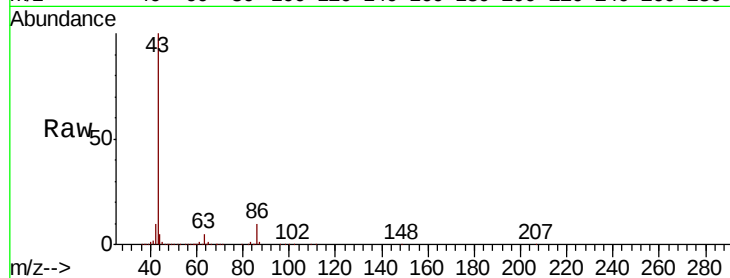
VSTDCCC050

Tot Ion: 43 Resp: 1226448

Ion Ratio Lower Upper

43 100

86 9.9 7.6 11.4



#24

1,1-Dichloroethane

Concen: 46.238 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

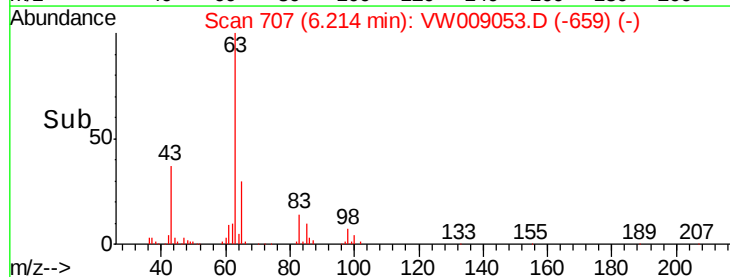
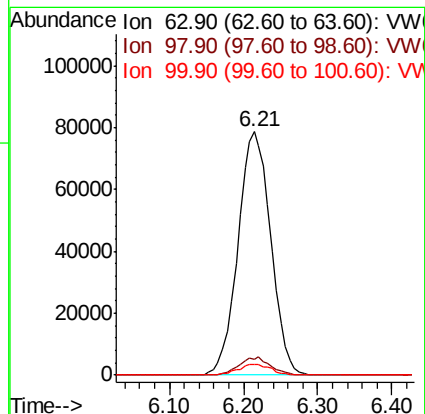
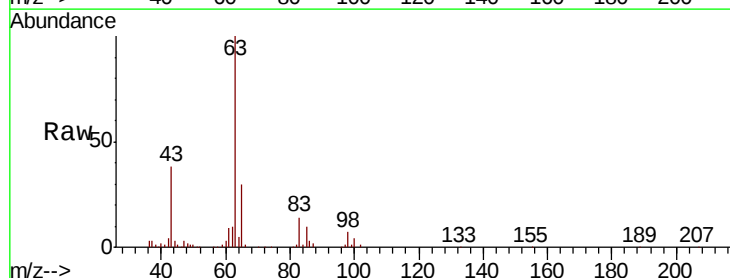
Tgt Ion: 63 Resp: 242010

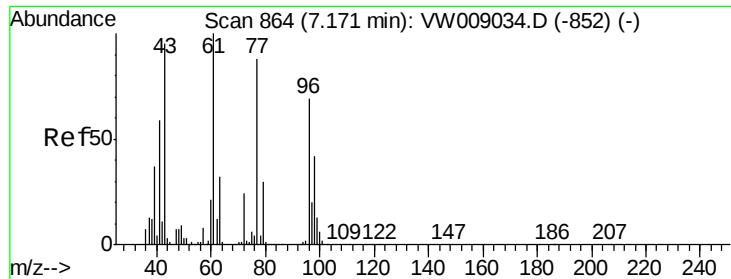
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 212.880 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

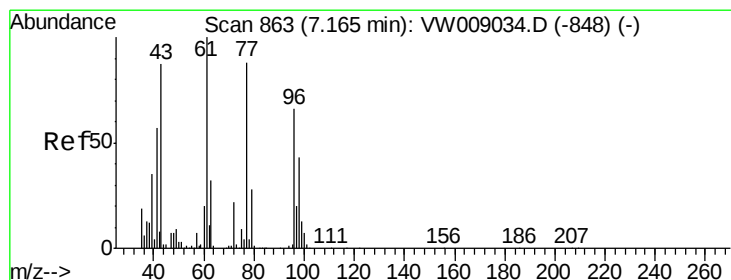
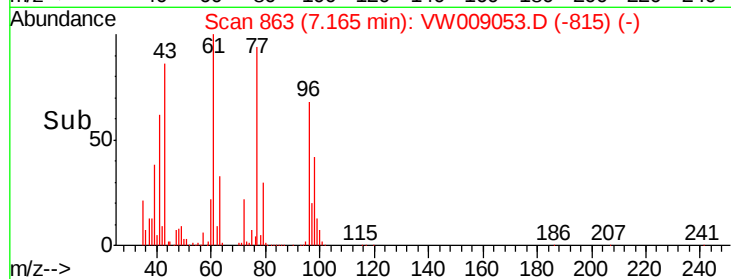
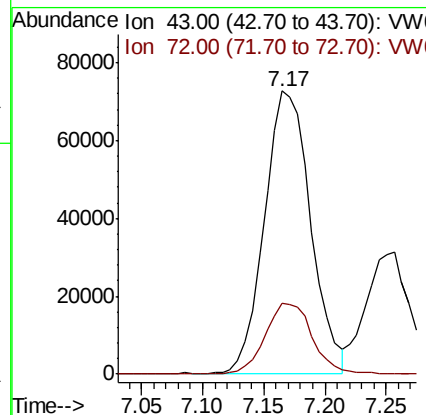
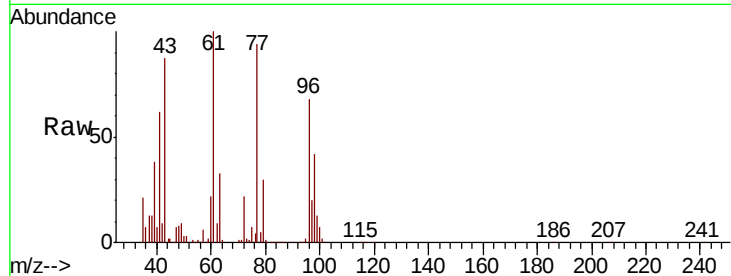
VSTDCCC050

Tot Ion: 43 Resp: 191319

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 49.065 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009053.D

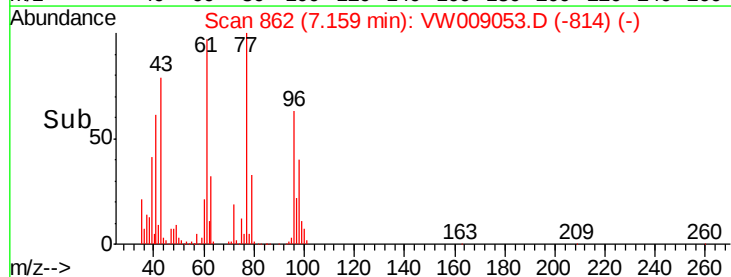
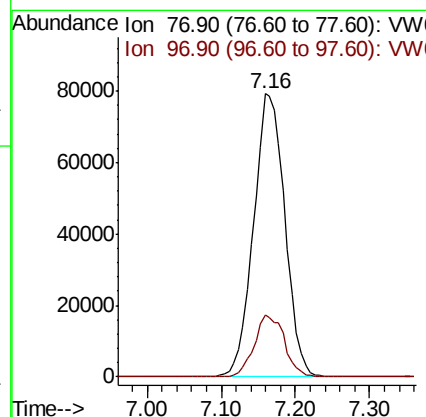
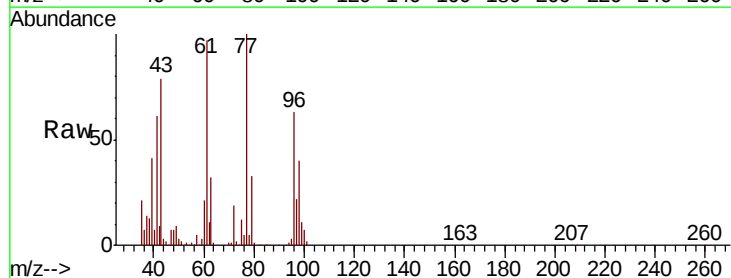
Acq: 08 Mar 2019 14:15

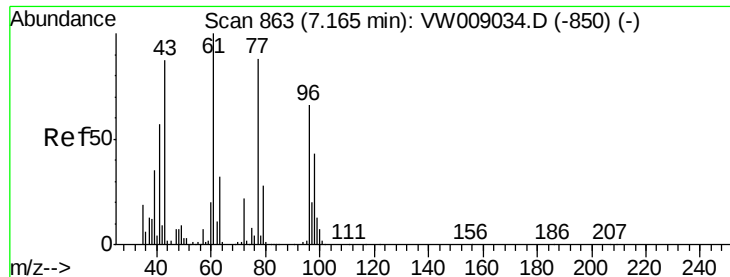
Tgt Ion: 77 Resp: 233430

Ion Ratio Lower Upper

77 100

97 21.0 10.9 32.9



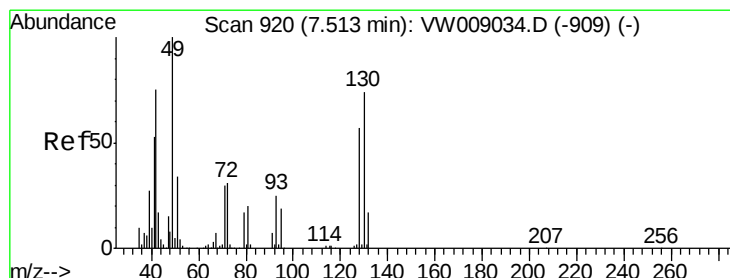
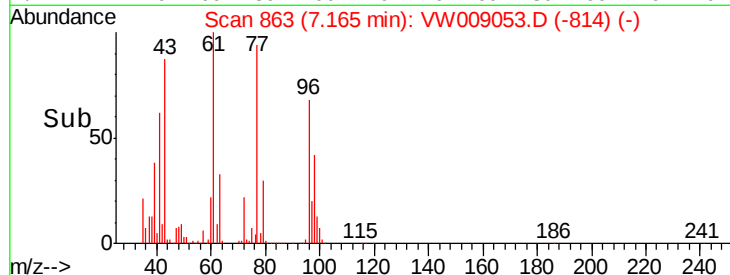
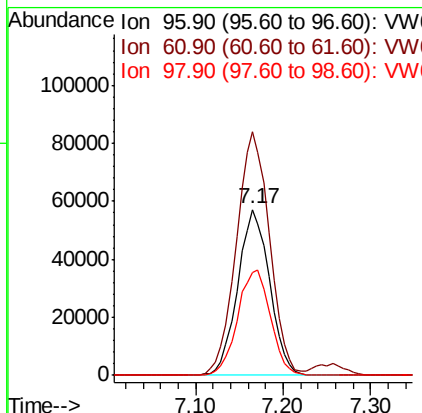
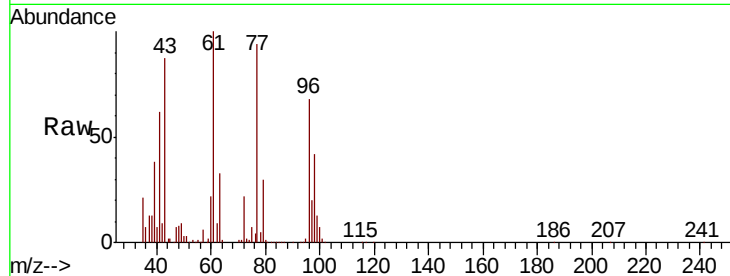


#27

cis-1,2-Dichloroethene  
Concen: 45.462 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

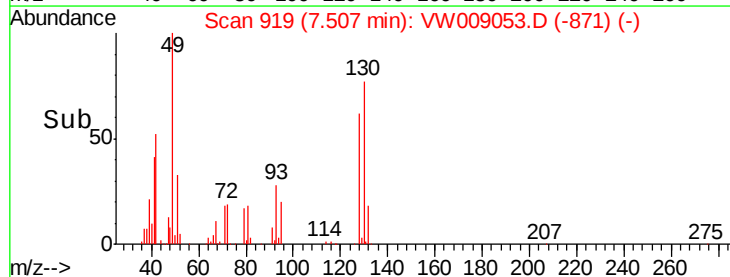
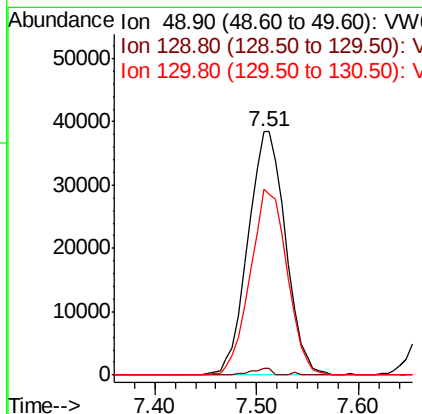
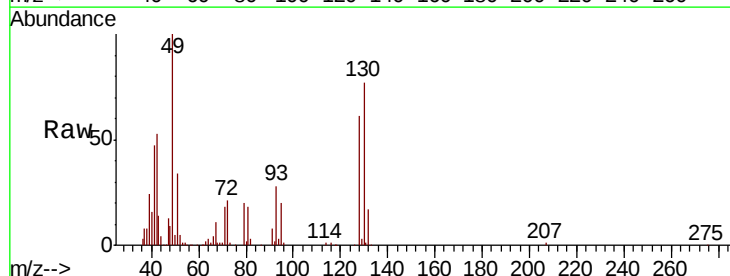
Tot Ion: 96 Resp: 145128  
Ion Ratio Lower Upper  
96 100  
61 152.4 0.0 299.8  
98 65.2 0.0 127.2

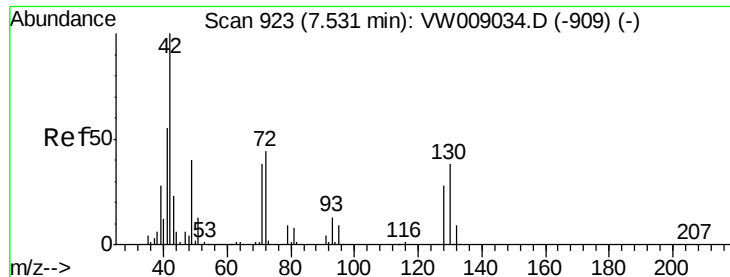


#28

Bromochloromethane  
Concen: 45.401 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 49 Resp: 98842  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 4.6  
130 75.1 60.4 90.6

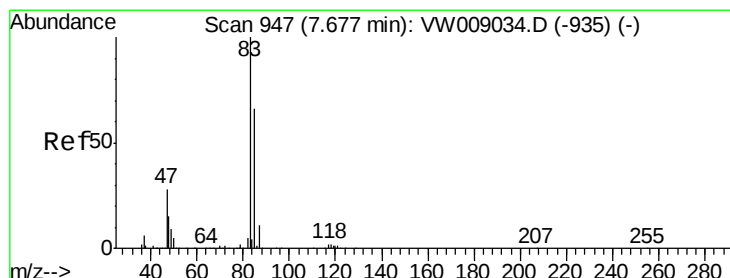
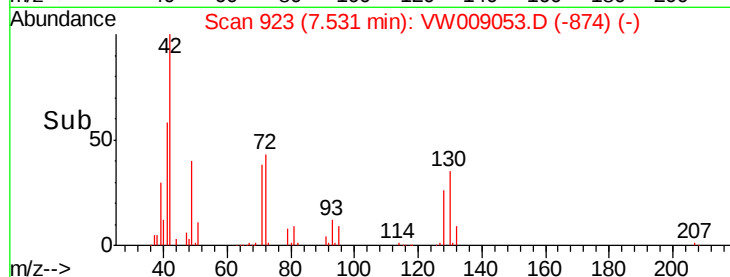
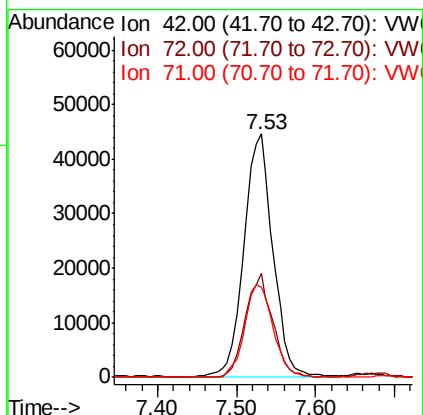
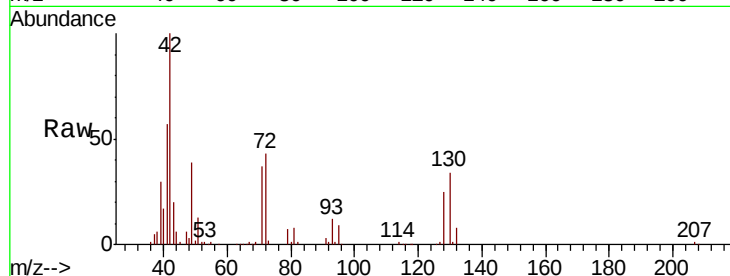




#29  
Tetrahydrofuran  
Concen: 202.771 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

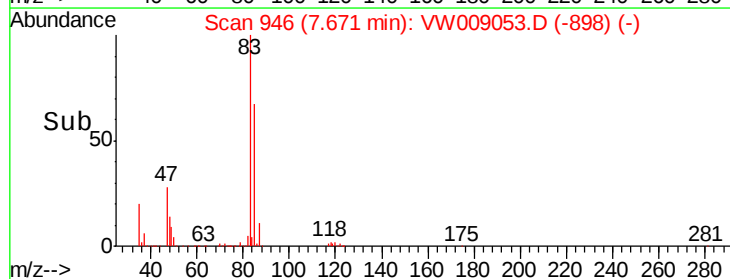
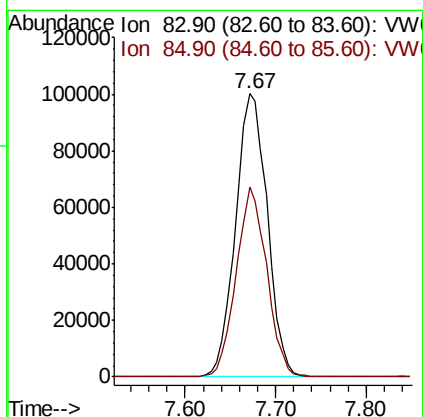
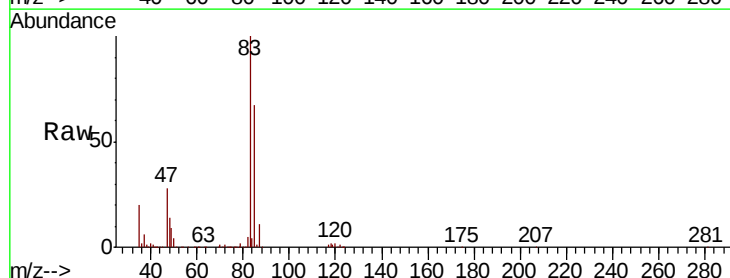
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

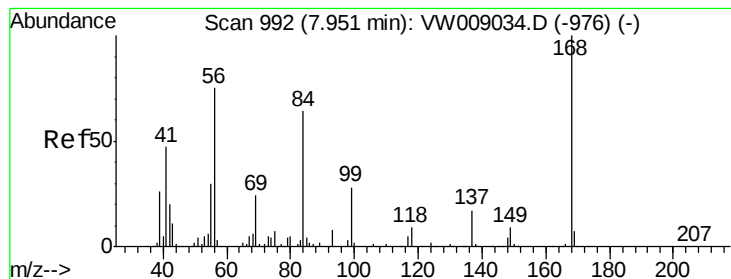
Tot Ion: 42 Resp: 114839  
Ion Ratio Lower Upper  
42 100  
72 40.0 32.2 48.4  
71 37.6 30.7 46.1



#30  
Chloroform  
Concen: 45.187 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 83 Resp: 243496  
Ion Ratio Lower Upper  
83 100  
85 67.0 53.0 79.6





#31

Cyclohexane

Concen: 45.755 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

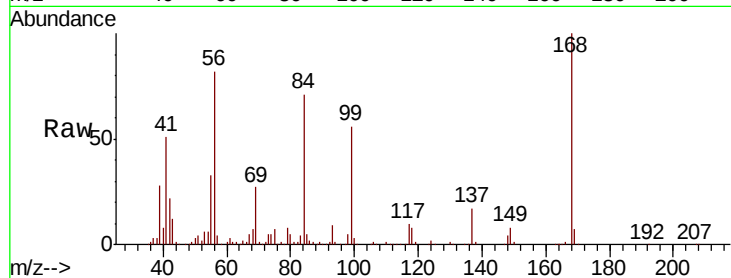
Tot Ion: 56 Resp: 245901

Ion Ratio Lower Upper

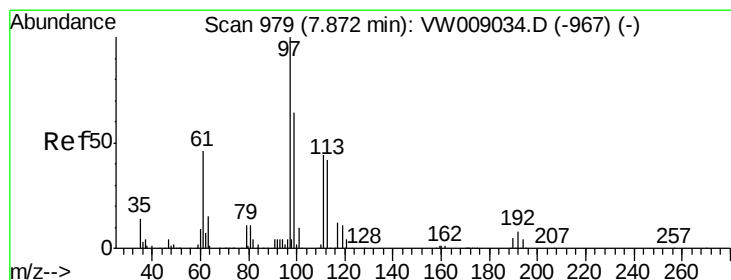
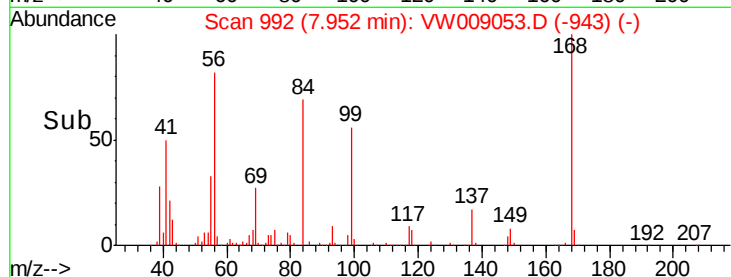
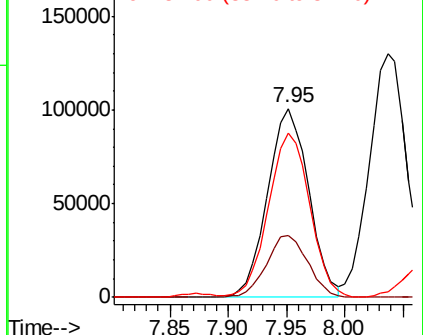
56 100

69 33.0 25.5 38.3

84 85.2 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 47.226 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

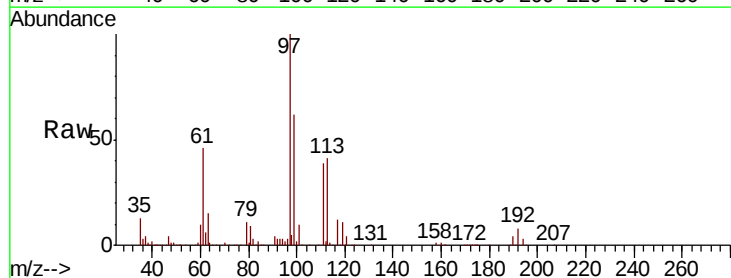
Tgt Ion: 97 Resp: 234851

Ion Ratio Lower Upper

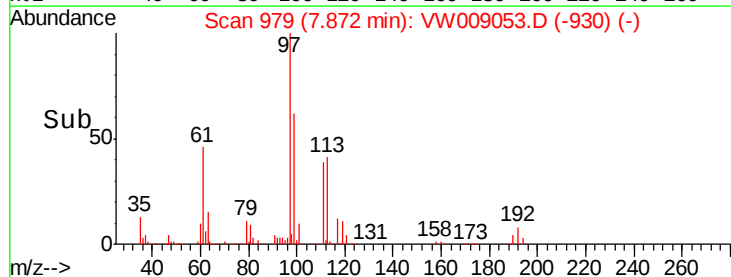
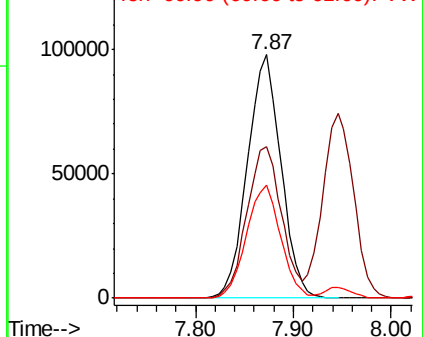
97 100

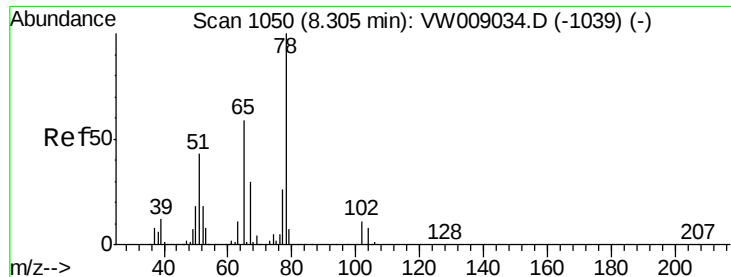
99 64.7 51.8 77.8

61 47.2 37.3 55.9



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

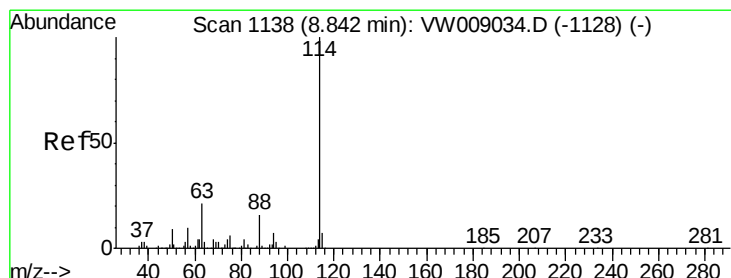
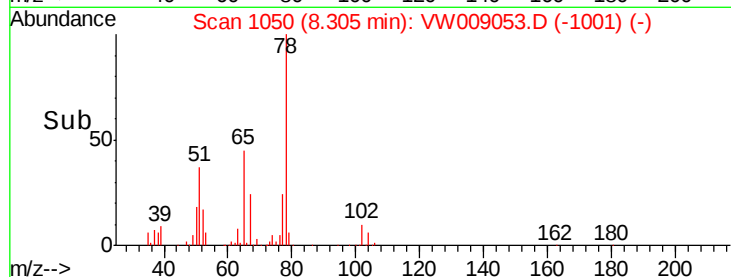
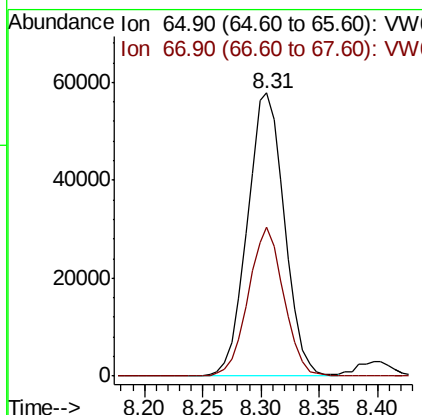
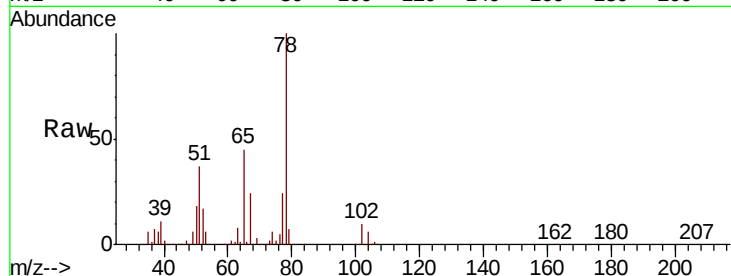




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.584 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

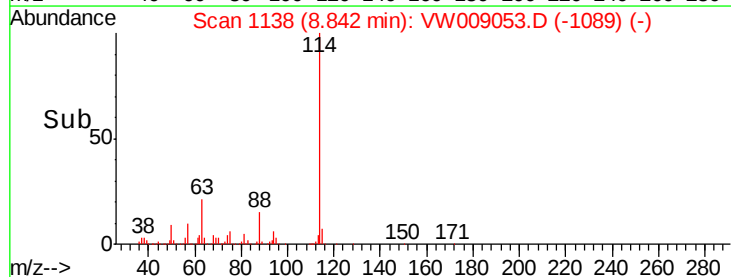
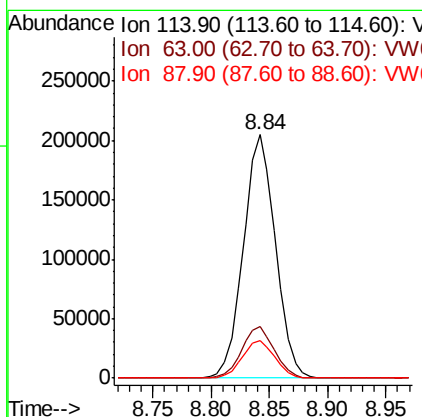
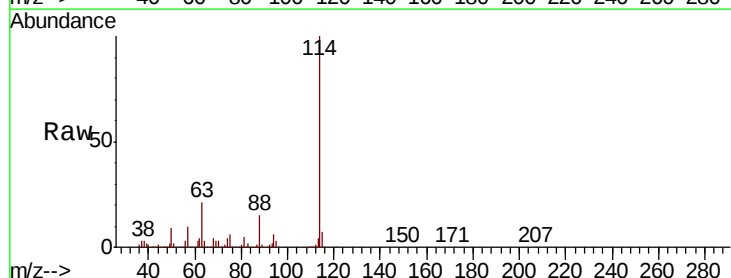
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

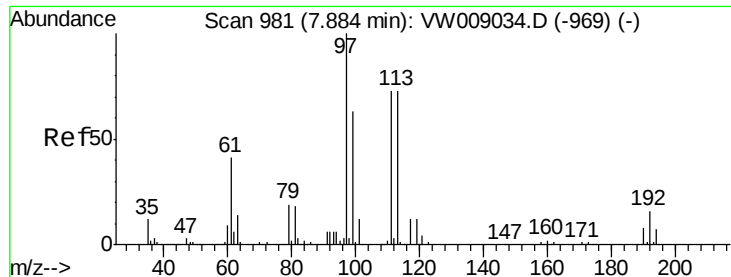
Tot Ion: 65 Resp: 128481  
 Ion Ratio Lower Upper  
 65 100  
 67 50.5 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 114 Resp: 393191  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 41.2  
 88 15.5 0.0 31.2

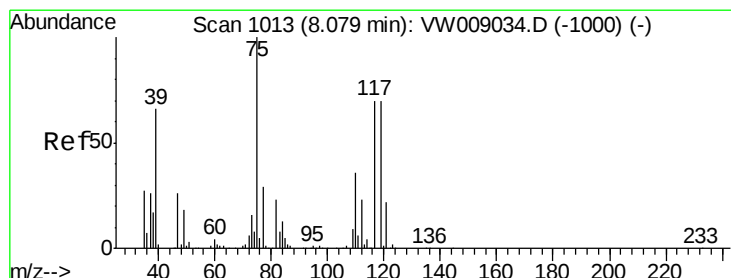
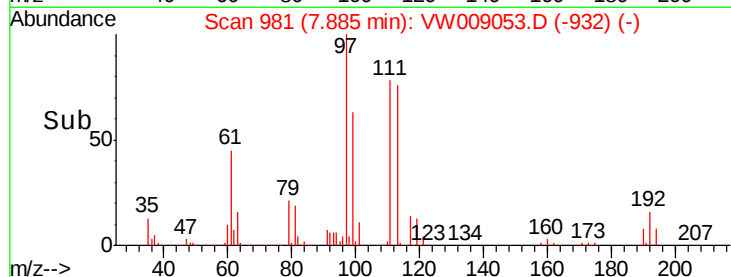
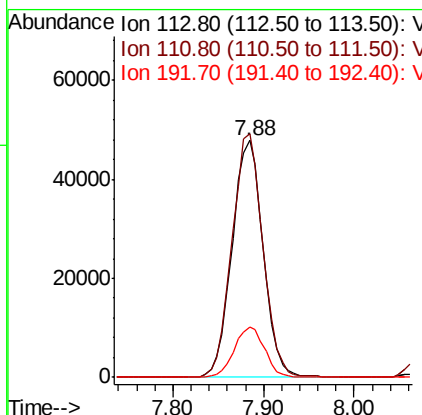
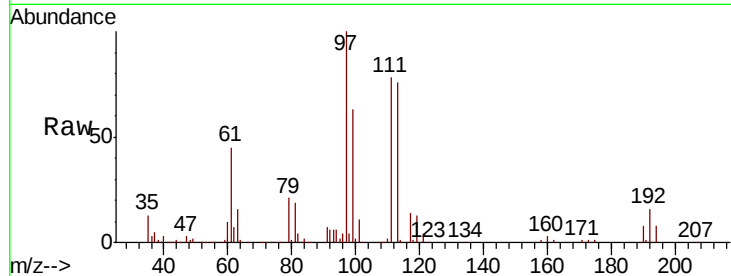




#35  
 Dibromofluoromethane  
 Concen: 48.065 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

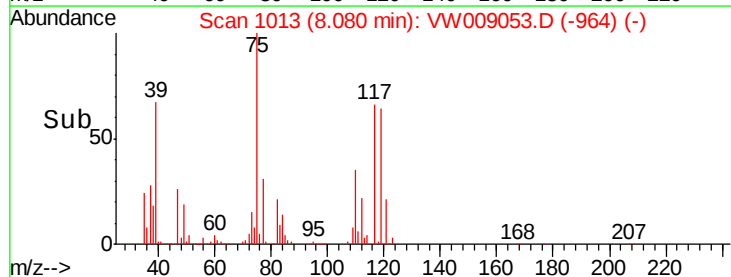
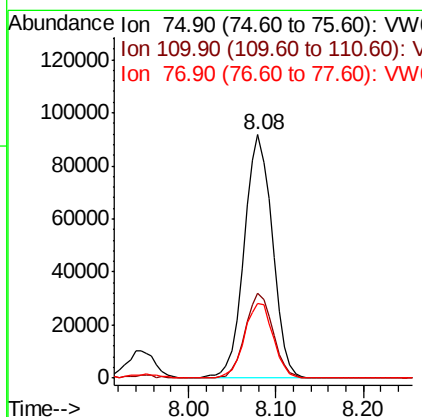
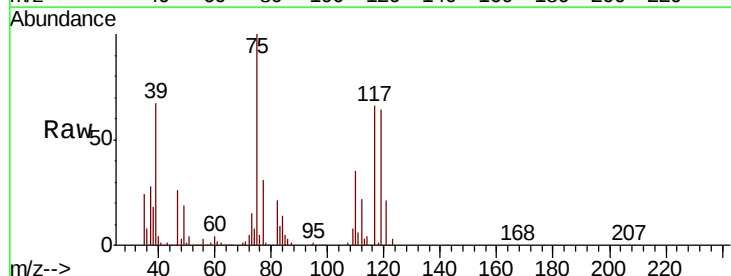
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

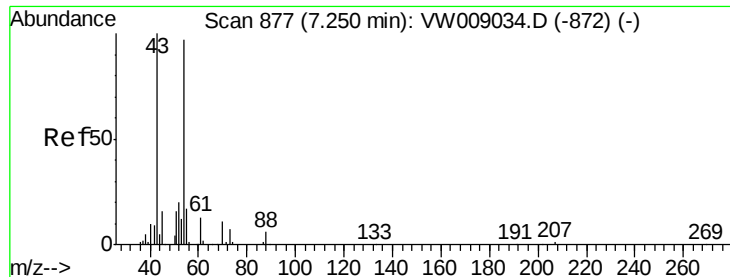
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.0  | 121.4 |
| 192     | 20.8  | 17.1  | 25.7  |



#36  
 1,1-Dichloropropene  
 Concen: 50.096 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.1  | 17.6  | 52.9  |
| 77      | 31.4  | 25.1  | 37.7  |

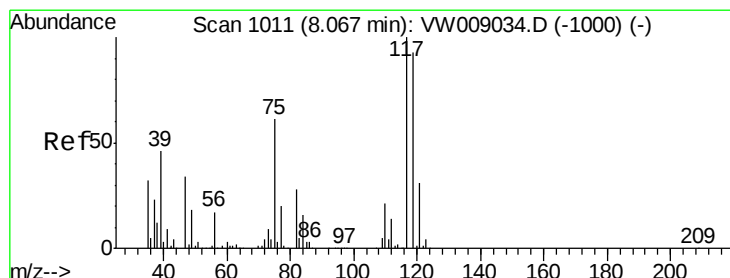
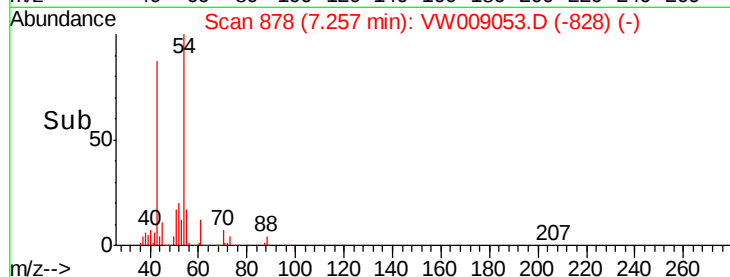
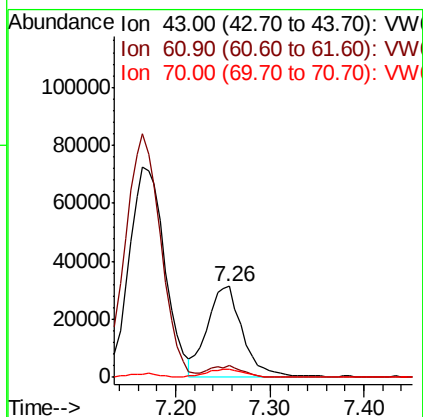
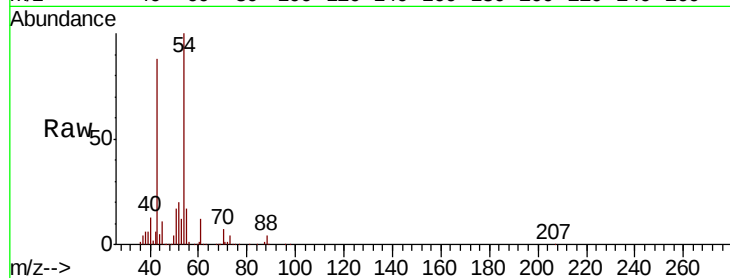




#37  
Ethyl Acetate  
Concen: 41.962 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

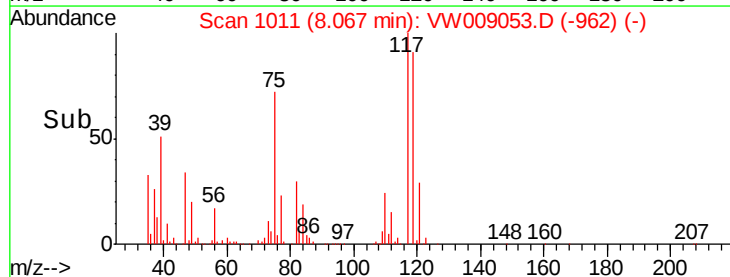
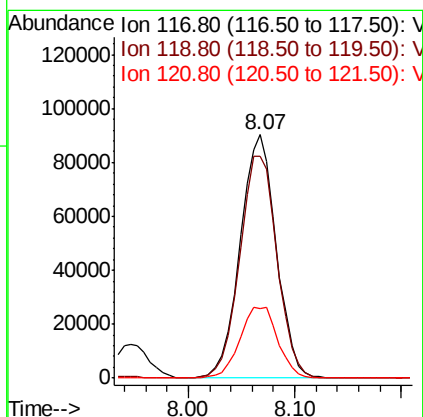
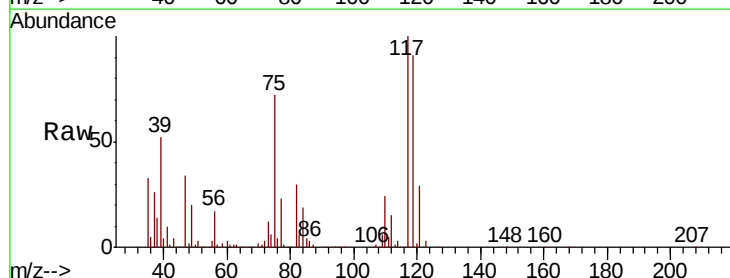
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

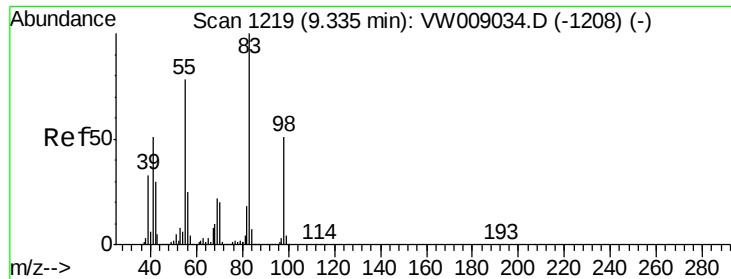
Tot Ion: 43 Resp: 81034  
Ion Ratio Lower Upper  
43 100  
61 12.6 9.8 14.6  
70 9.3 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 50.410 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 117 Resp: 214033  
Ion Ratio Lower Upper  
117 100  
119 90.8 74.6 112.0  
121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 51.899 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

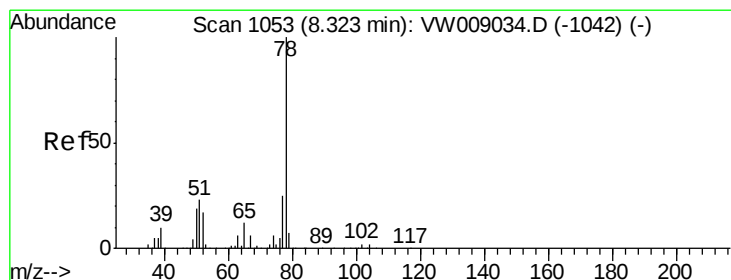
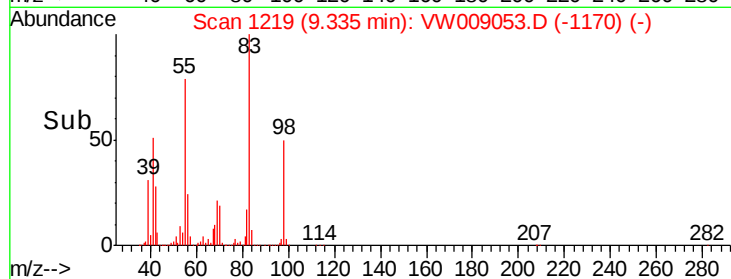
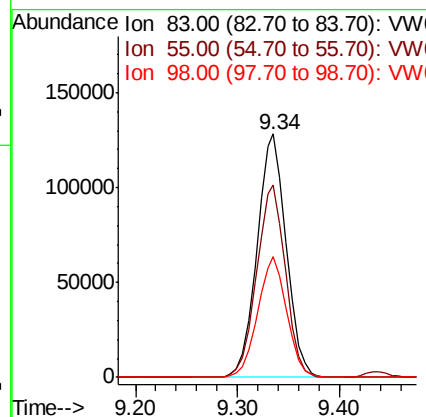
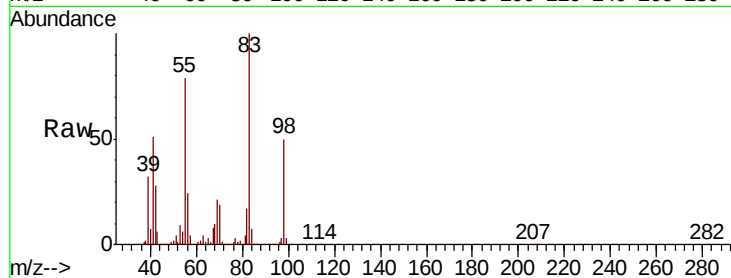
Tot Ion: 83 Resp: 254143

Ion Ratio Lower Upper

83 100

55 78.9 62.7 94.1

98 49.8 40.8 61.2



#40

Benzene

Concen: 50.102 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW009053.D

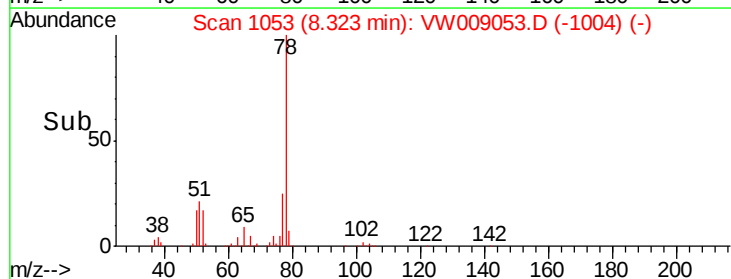
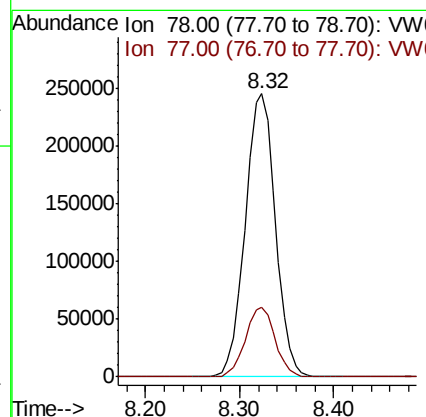
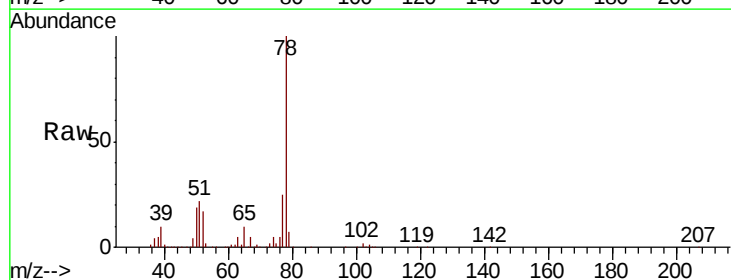
Acq: 08 Mar 2019 14:15

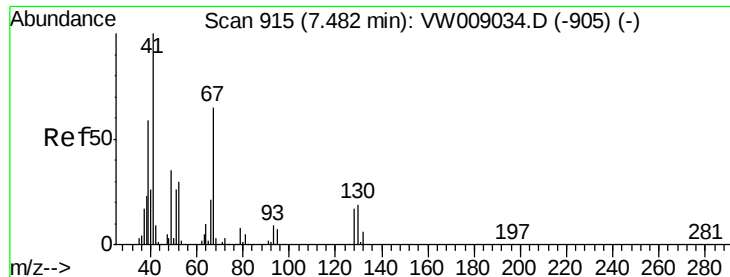
Tgt Ion: 78 Resp: 549861

Ion Ratio Lower Upper

78 100

77 24.6 20.2 30.4

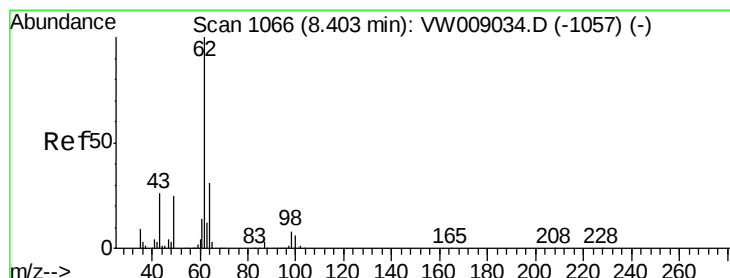
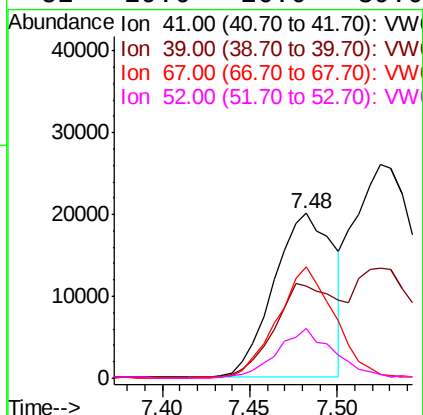
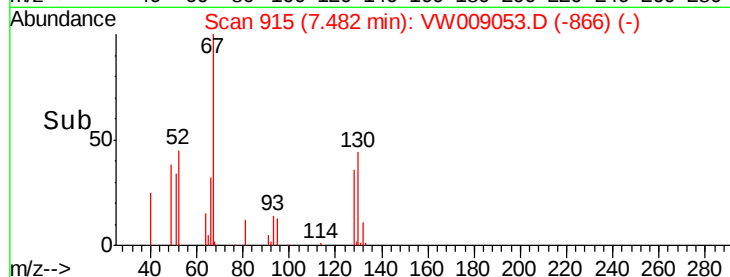
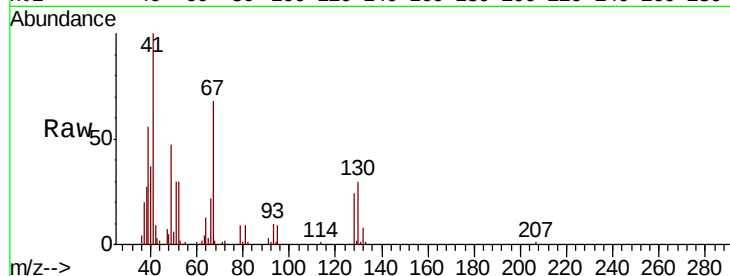




#41  
Methacrylonitrile  
Concen: 44.682 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

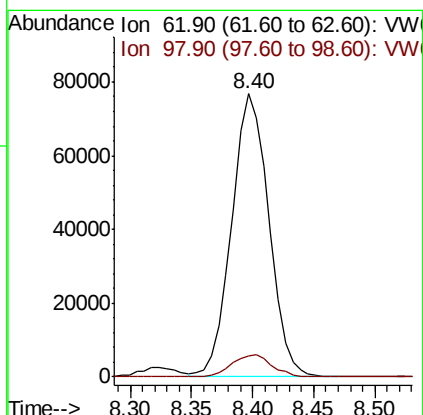
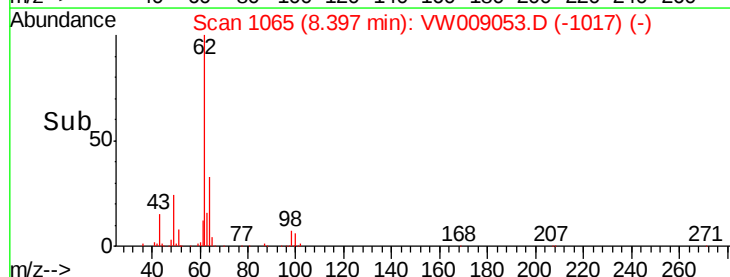
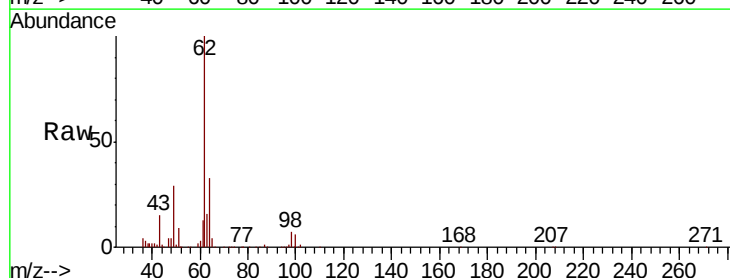
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

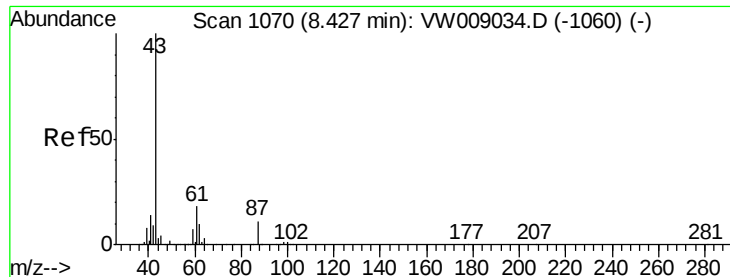
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 47916 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.4  | 53.6  | 80.4  |
| 67       | 66.0  | 57.6  | 86.4  |
| 52       | 29.6  | 26.0  | 39.0  |



#42  
1,2-Dichloroethane  
Concen: 45.553 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 161398 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 17.6   |





#43

Isopropyl Acetate

Concen: 43.457 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

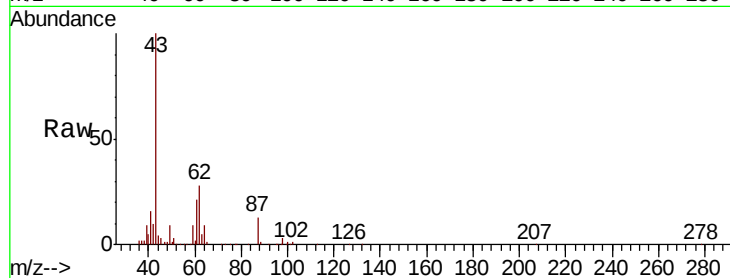
Tot Ion: 43 Resp: 156299

Ion Ratio Lower Upper

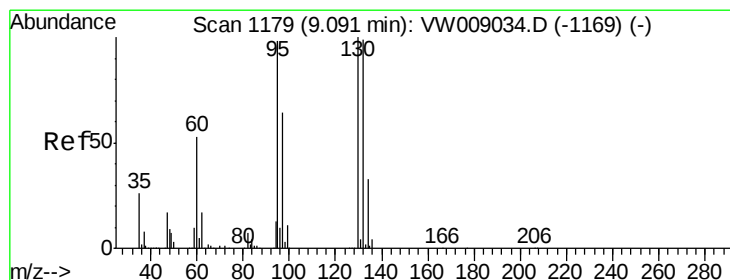
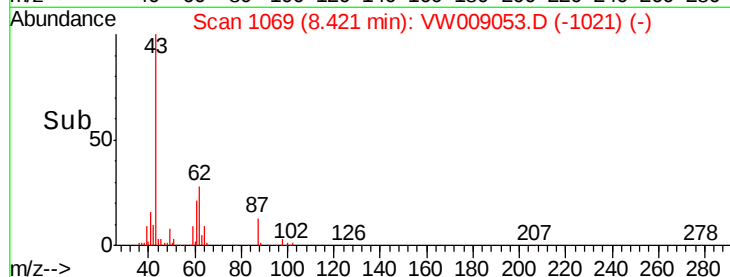
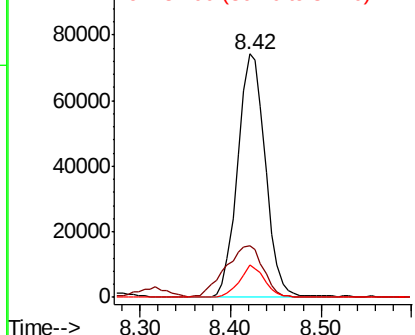
43 100

61 29.3 22.8 34.2

87 12.0 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 61.00 (60.70 to 61.70): VW  
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.045 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009053.D

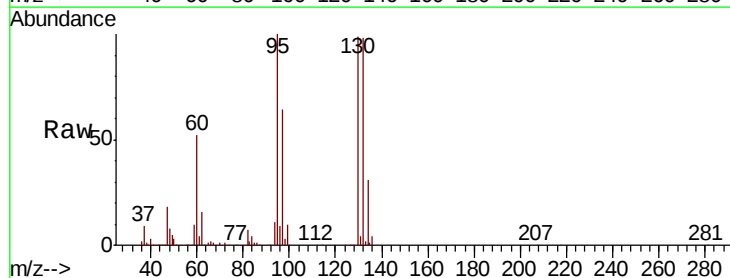
Acq: 08 Mar 2019 14:15

Tgt Ion: 130 Resp: 147786

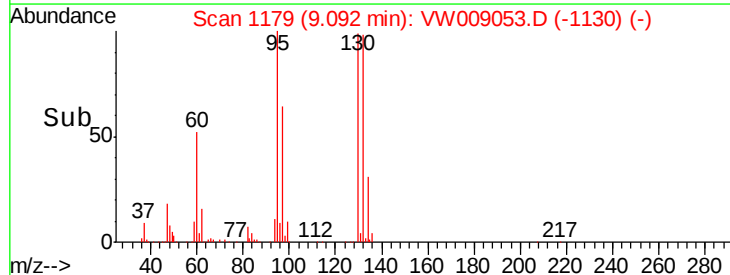
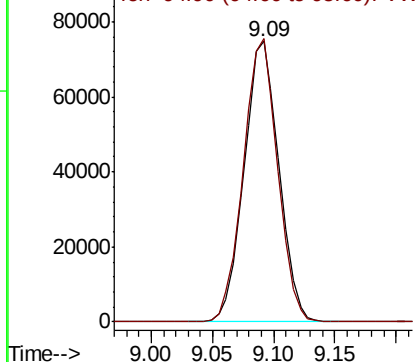
Ion Ratio Lower Upper

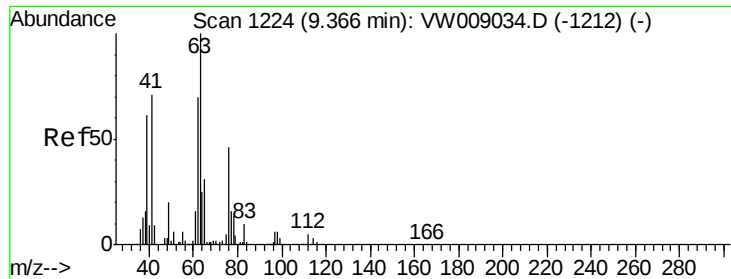
130 100

95 101.0 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VW

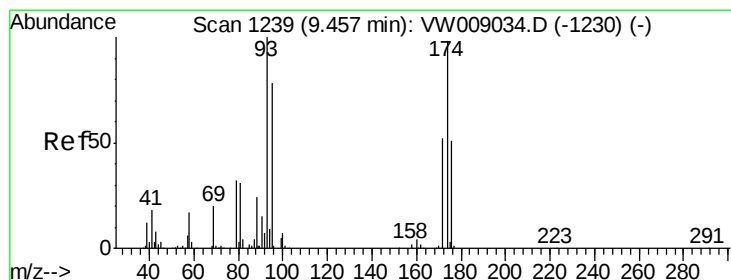
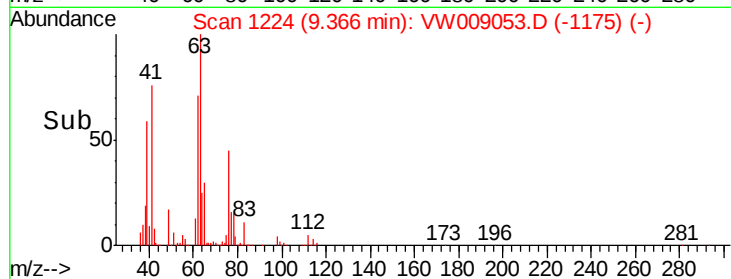
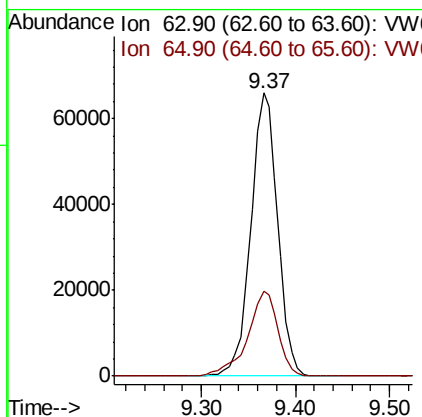
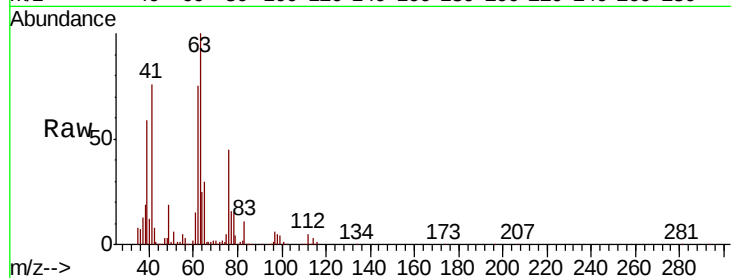




#45  
 1,2-Dichloropropane  
 Concen: 48.036 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

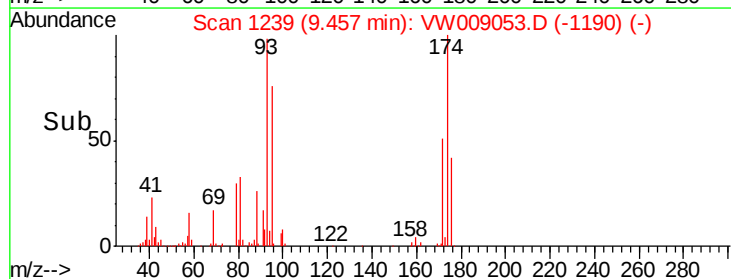
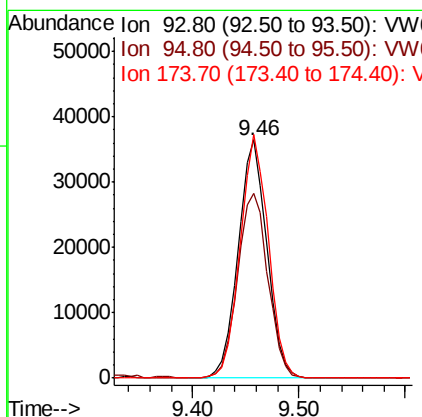
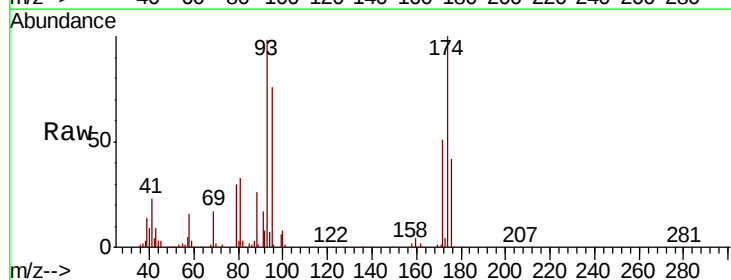
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

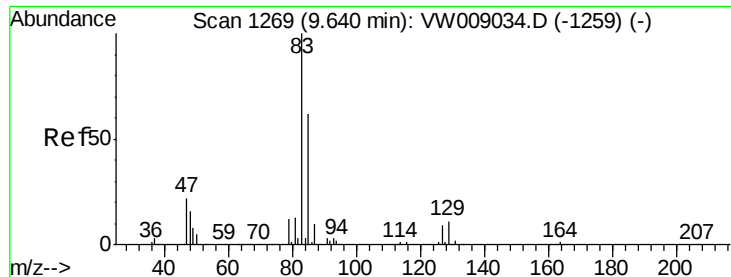
Tot Ion: 63 Resp: 132038  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 24.9 37.3



#46  
 Dibromomethane  
 Concen: 46.005 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 93 Resp: 69062  
 Ion Ratio Lower Upper  
 93 100  
 95 81.9 65.0 97.6  
 174 100.5 81.8 122.6

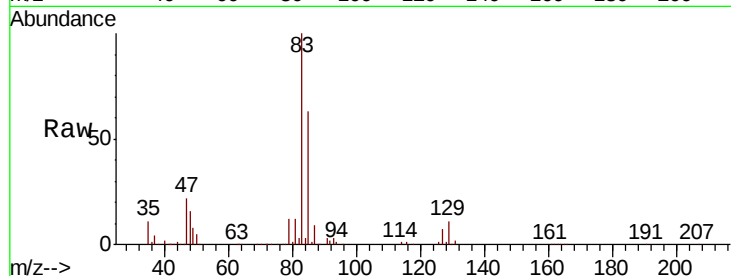




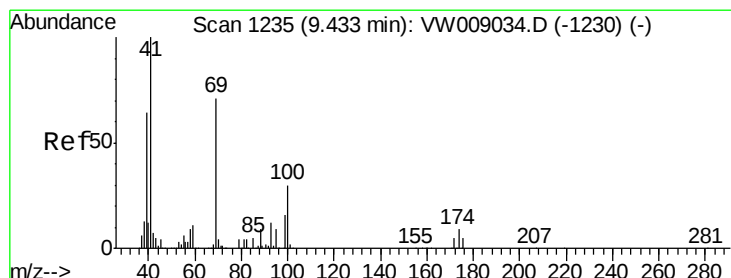
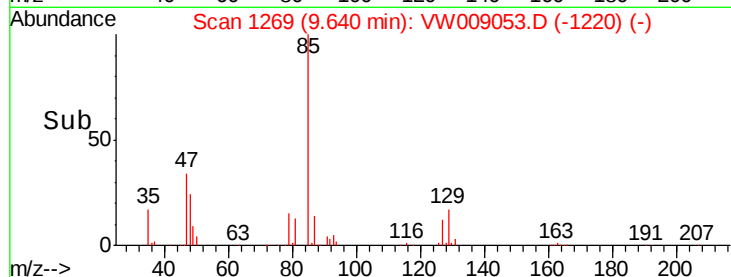
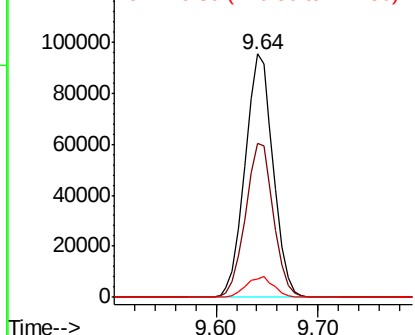
#47  
Bromodichloromethane  
Concen: 48.036 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 182541  
Ion Ratio Lower Upper  
83 100  
85 63.2 49.9 74.9  
127 7.4 7.1 10.7

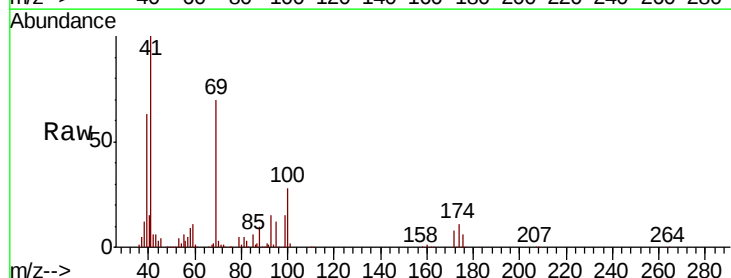


Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 84.90 (84.60 to 85.60): VW  
Ion 126.80 (126.50 to 127.50): VW

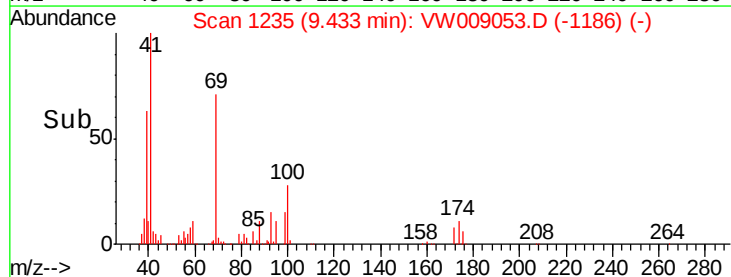
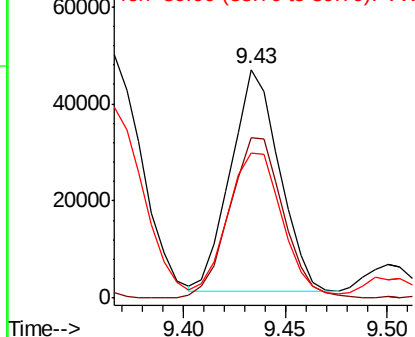


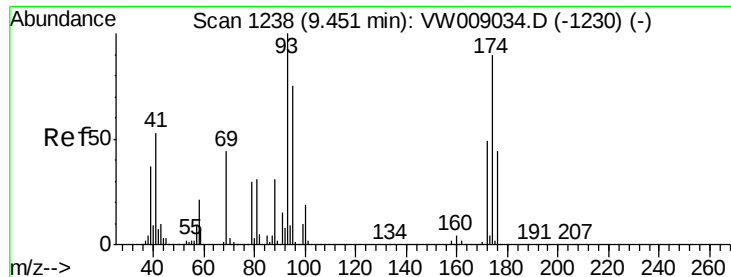
#48  
Methyl methacrylate  
Concen: 45.550 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 41 Resp: 76284  
Ion Ratio Lower Upper  
41 100  
69 79.3 59.1 88.7  
39 68.5 48.9 73.3



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





#49

1,4-Dioxane

Concen: 1001.554 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

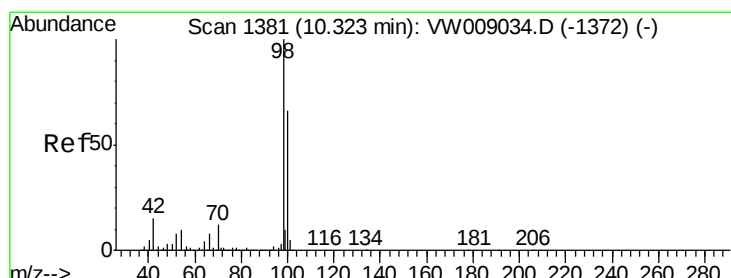
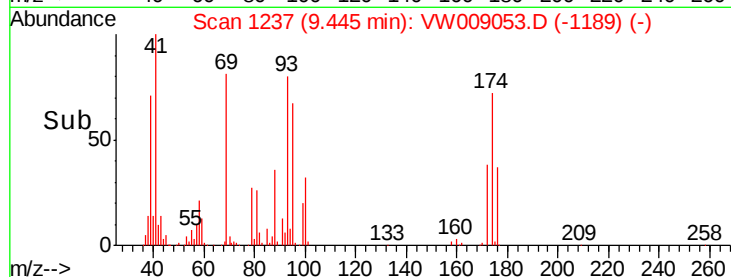
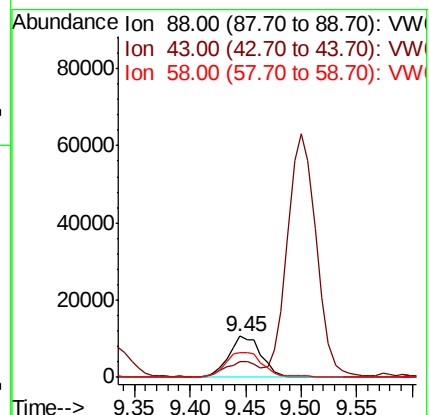
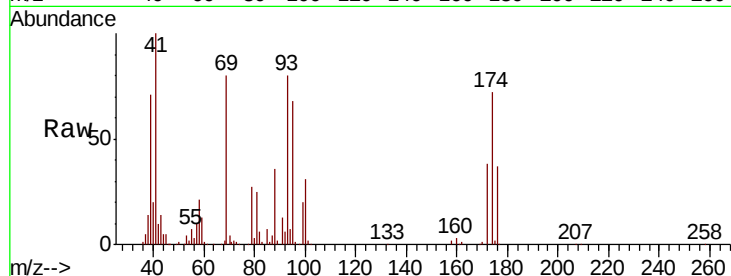
Tot Ion: 88 Resp: 21530

Ion Ratio Lower Upper

88 100

43 37.6 29.0 43.4

58 71.3 59.2 88.8



#50

Toluene-d8

Concen: 52.589 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009053.D

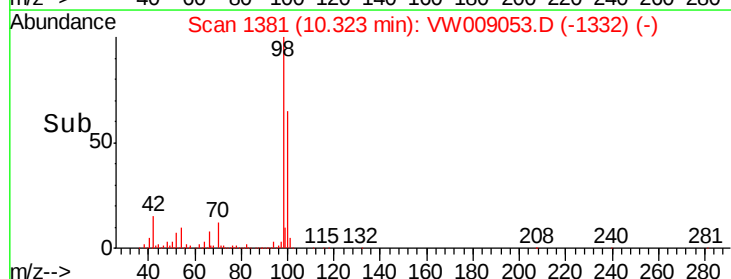
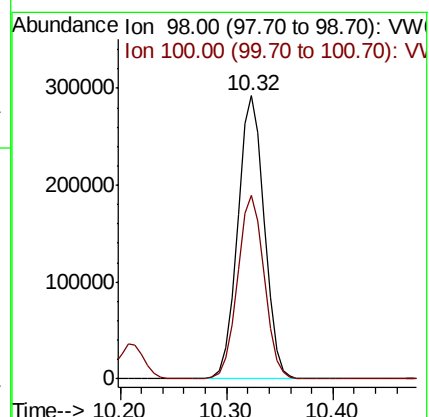
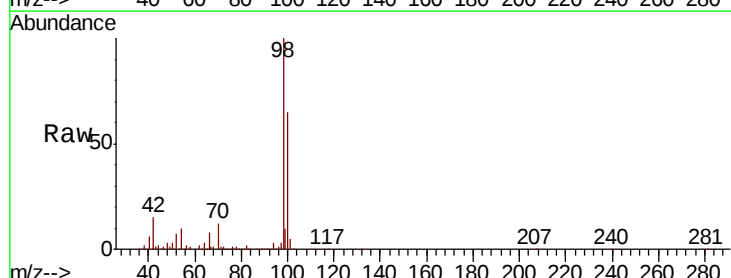
Acq: 08 Mar 2019 14:15

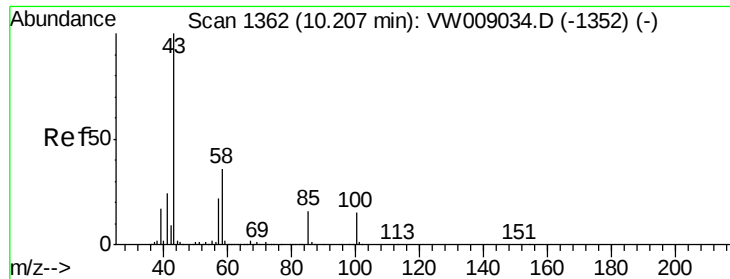
Tgt Ion: 98 Resp: 511329

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 225.239 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

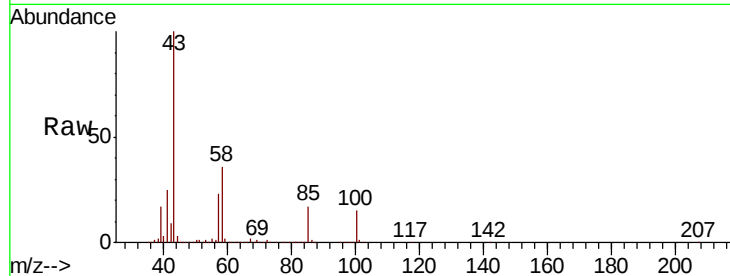
VSTDCCC050

Tot Ion: 43 Resp: 411265

Ion Ratio Lower Upper

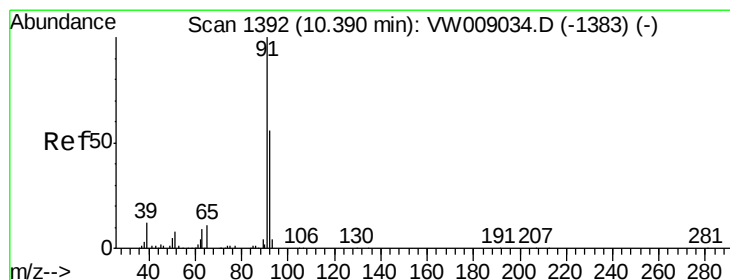
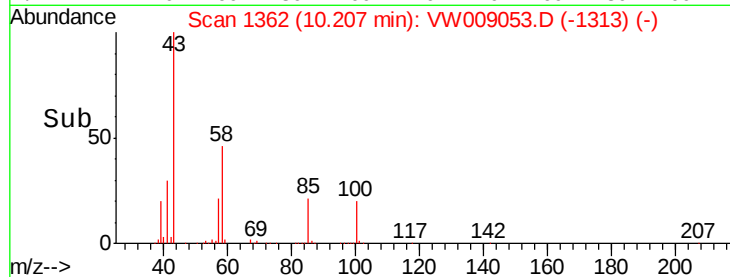
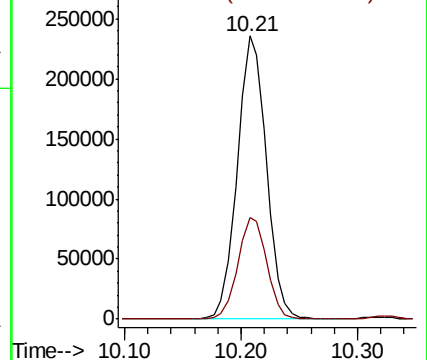
43 100

58 35.8 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.637 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009053.D

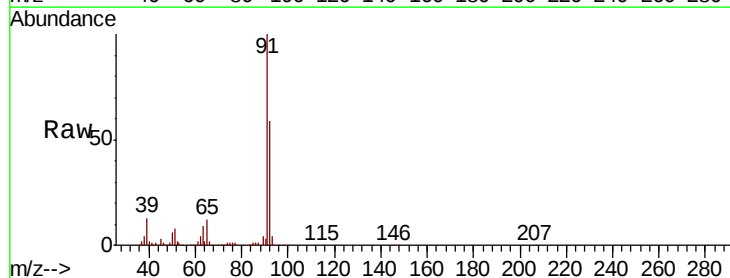
Acq: 08 Mar 2019 14:15

Tgt Ion: 92 Resp: 384330

Ion Ratio Lower Upper

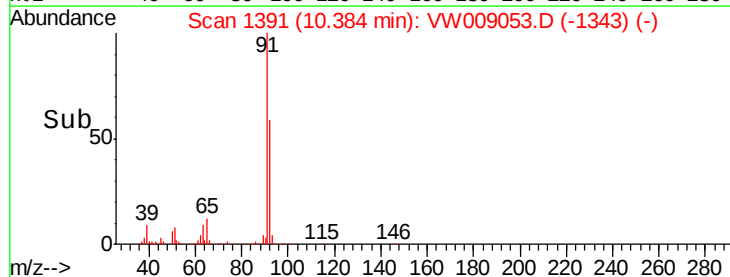
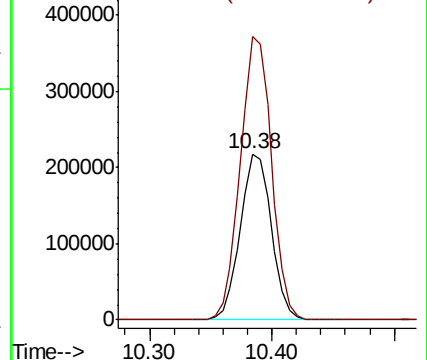
92 100

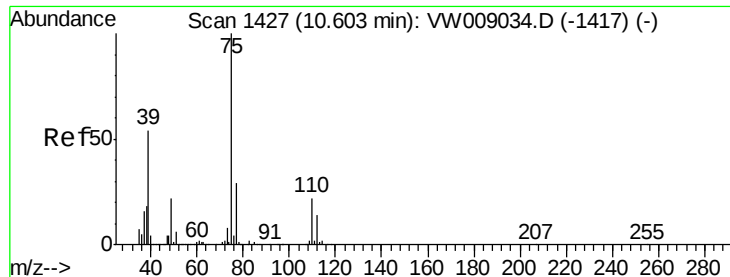
91 171.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 48.045 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

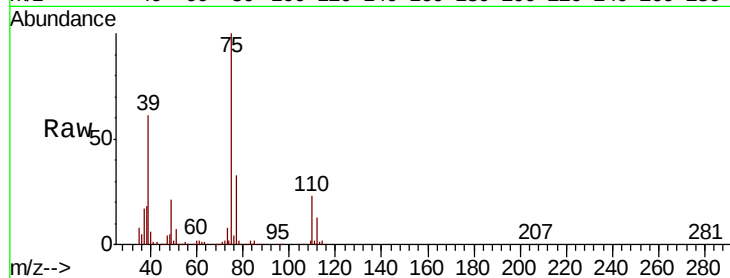
VSTDCCC050

Tot Ion: 75 Resp: 180570

Ion Ratio Lower Upper

75 100

77 32.8 23.6 35.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

120000

100000

80000

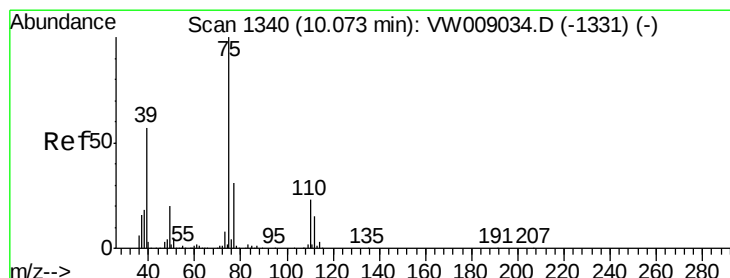
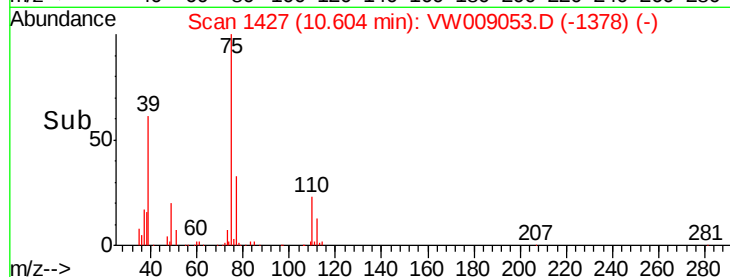
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 48.914 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

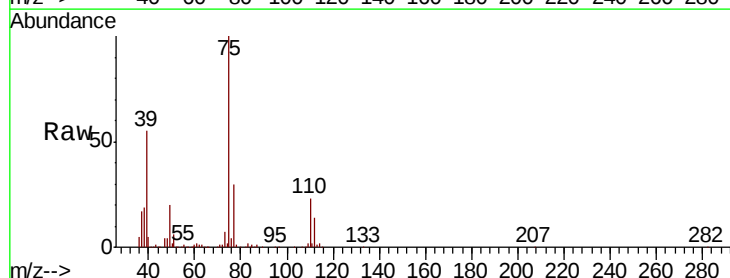
Tgt Ion: 75 Resp: 211261

Ion Ratio Lower Upper

75 100

77 30.1 24.6 36.8

39 55.3 45.9 68.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

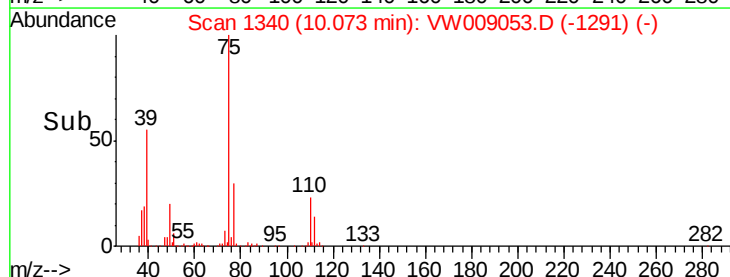
150000

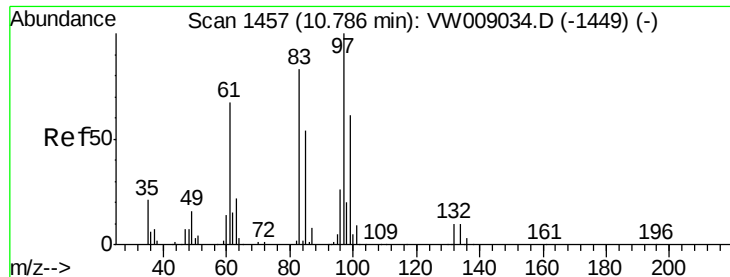
100000

50000

0

Time--> 10.00 10.10

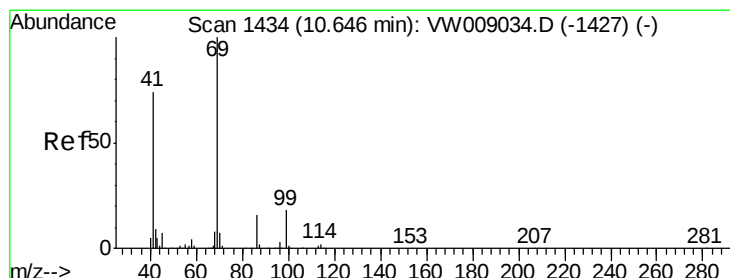
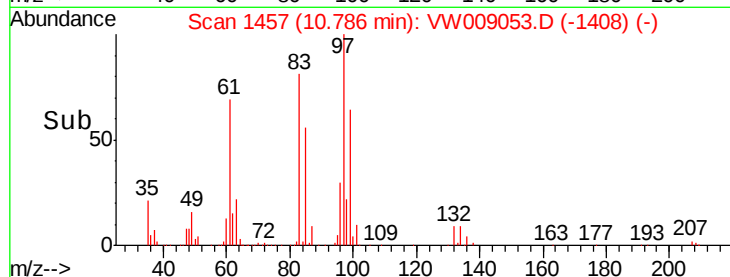
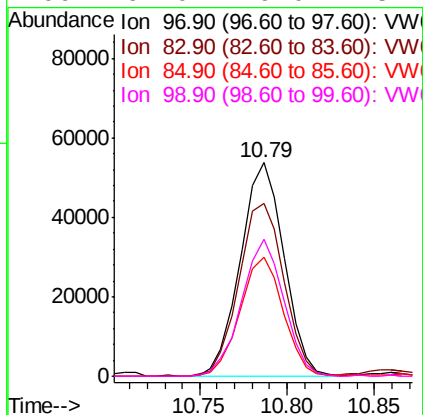
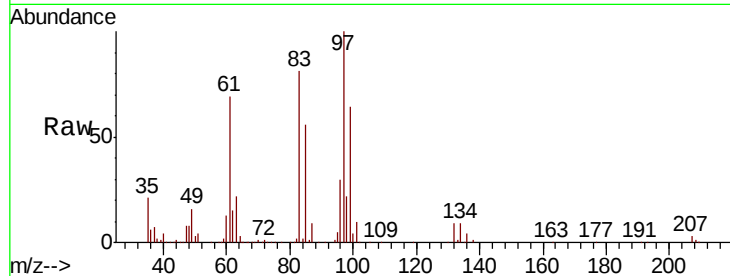




#55  
 1,1,2-Trichloroethane  
 Concen: 45.886 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

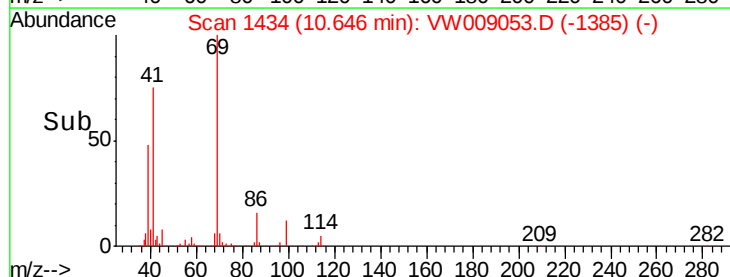
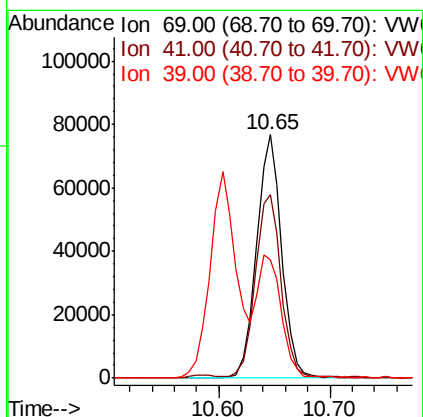
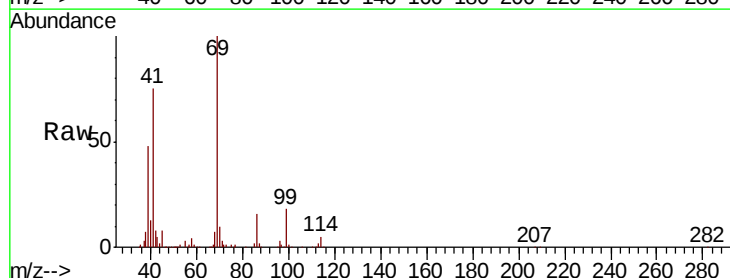
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

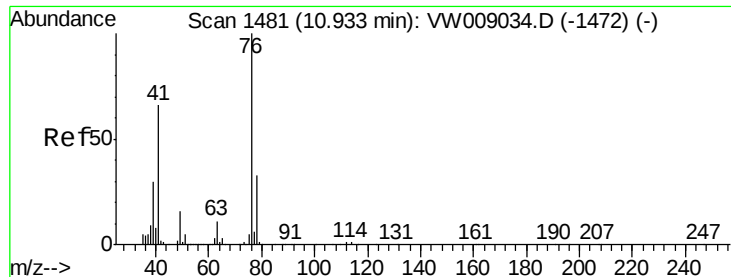
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 93364 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.7  | 66.2  | 99.2  |
| 85       | 55.5  | 43.6  | 65.4  |
| 99       | 64.0  | 49.0  | 73.4  |



#56  
 Ethyl methacrylate  
 Concen: 47.590 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 120175 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 76.8  | 59.4  | 89.2   |
| 39       | 48.5  | 38.5  | 57.7   |

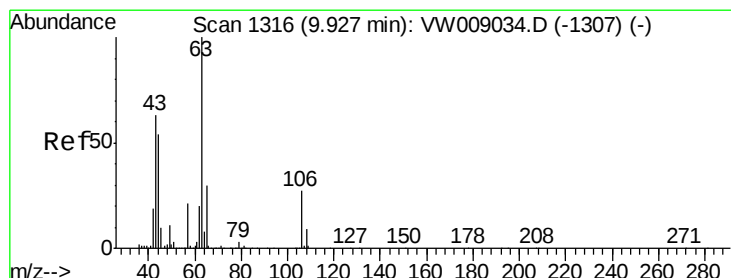
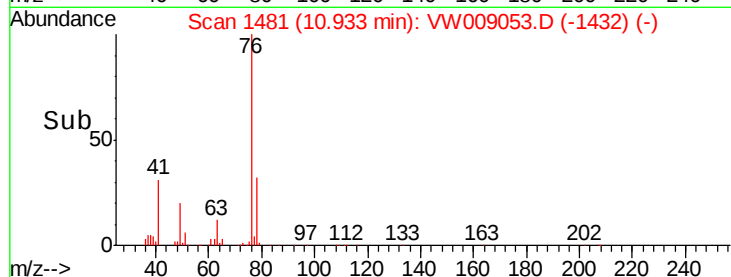
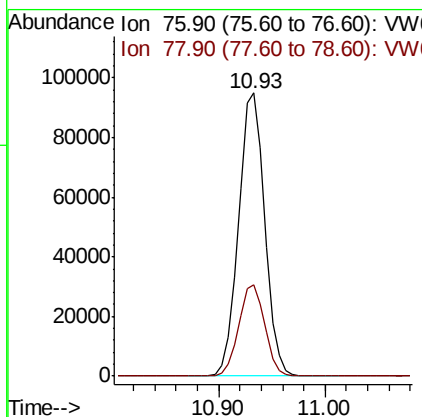
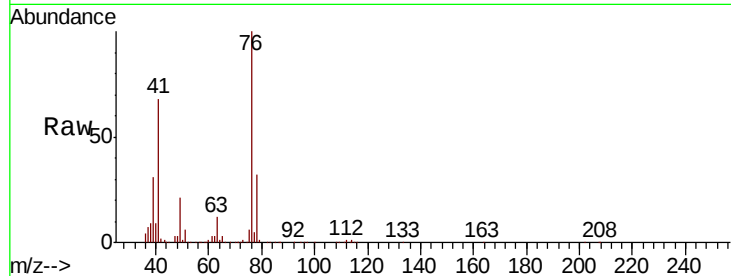




#57  
 1,3-Dichloropropane  
 Concen: 45.523 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

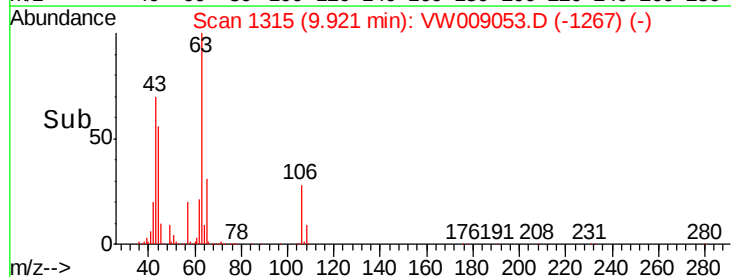
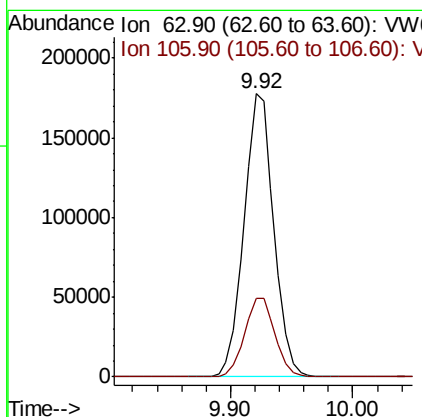
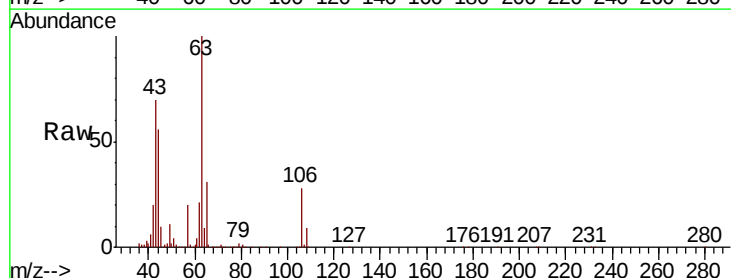
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

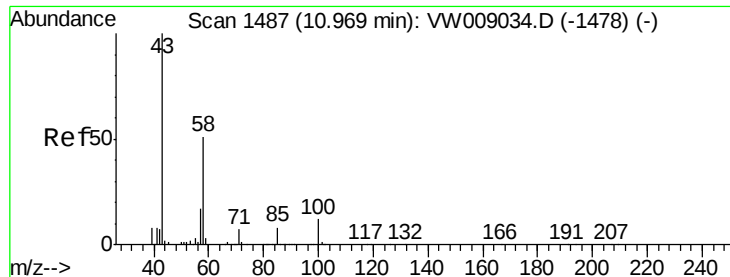
Tot Ion: 76 Resp: 164086  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 229.057 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 63 Resp: 299856  
 Ion Ratio Lower Upper  
 63 100  
 106 28.7 23.0 34.6





#59

2-Hexanone

Concen: 242.405 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

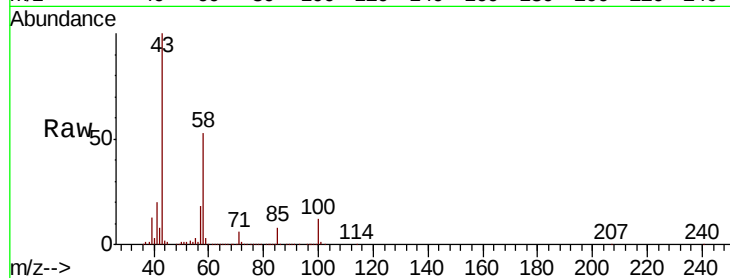
VSTDCCC050

Tot Ion: 43 Resp: 311191

Ion Ratio Lower Upper

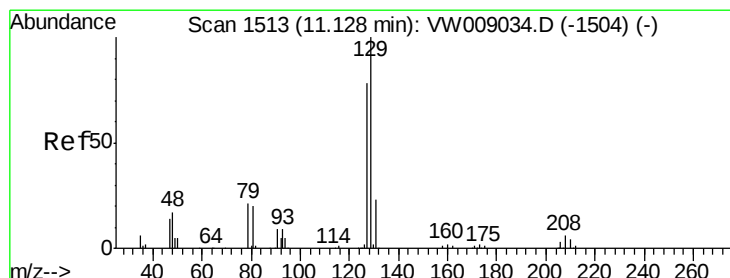
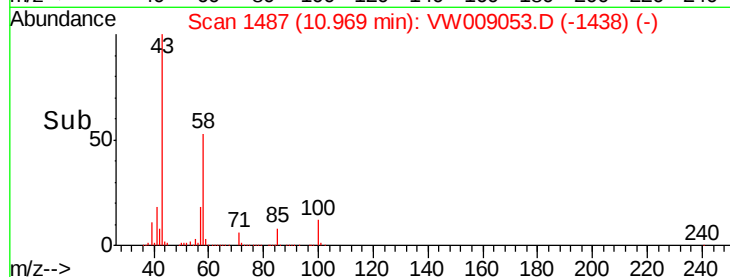
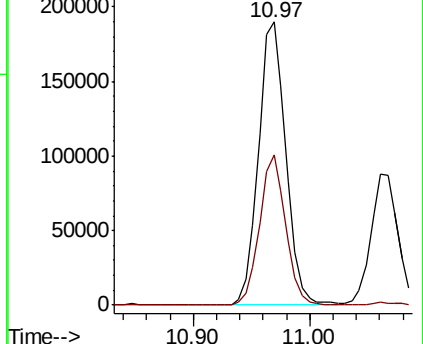
43 100

58 50.5 25.3 75.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 46.740 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009053.D

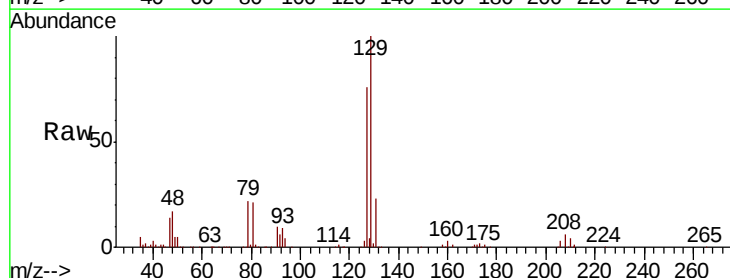
Acq: 08 Mar 2019 14:15

Tgt Ion: 129 Resp: 117692

Ion Ratio Lower Upper

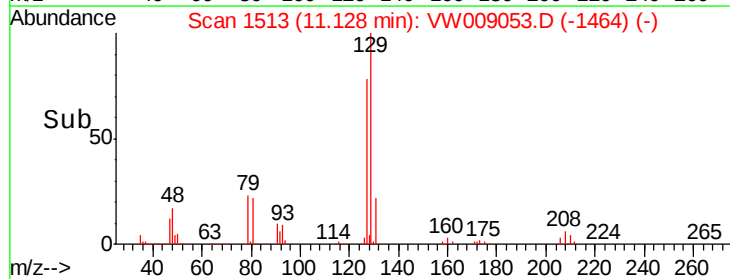
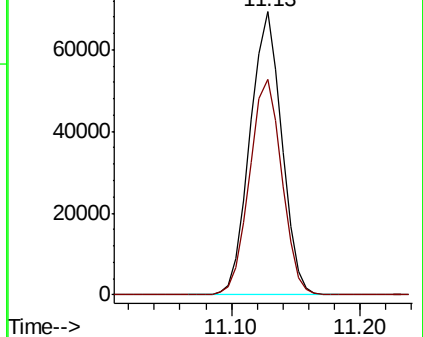
129 100

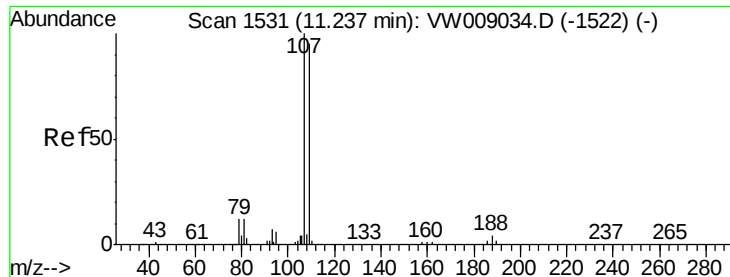
127 77.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

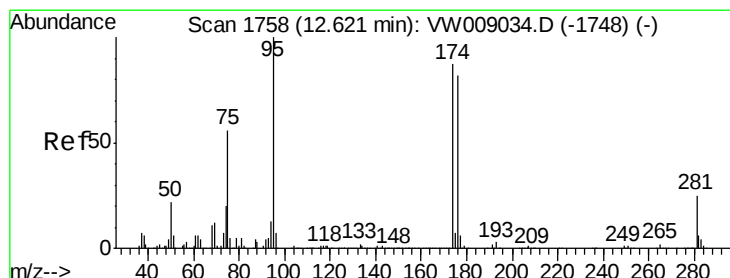
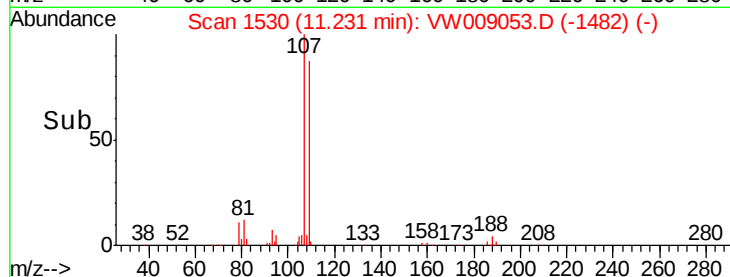
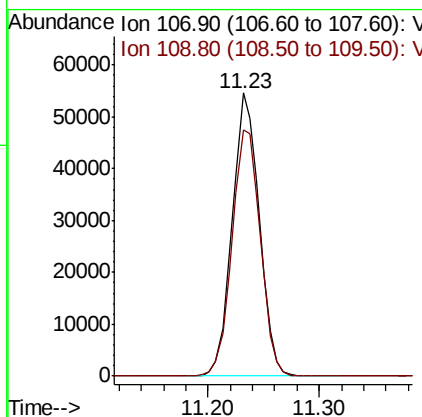
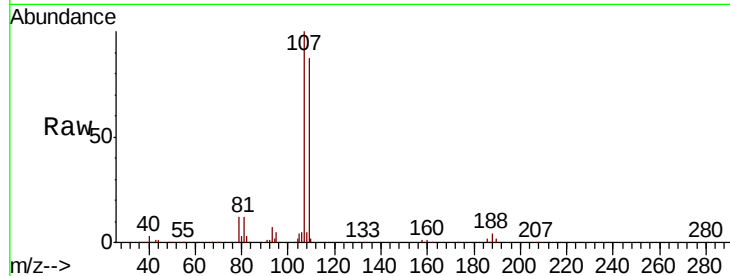




#61  
 1,2-Dibromoethane  
 Concen: 45.927 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

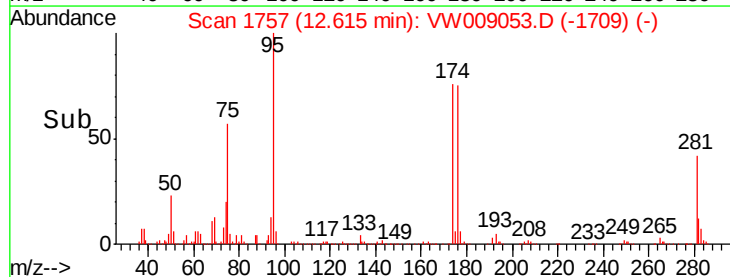
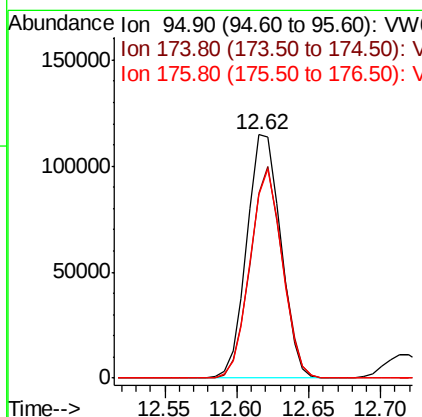
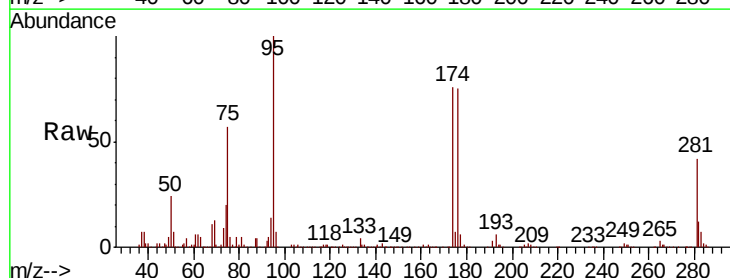
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

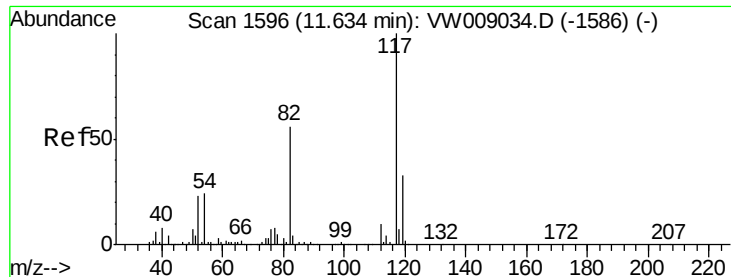
Tot Ion: 107 Resp: 91609  
 Ion Ratio Lower Upper  
 107 100  
 109 91.4 74.7 112.1



#62  
 4-Bromofluorobenzene  
 Concen: 48.927 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion: 95 Resp: 187273  
 Ion Ratio Lower Upper  
 95 100  
 174 82.2 0.0 167.0  
 176 81.6 0.0 159.4

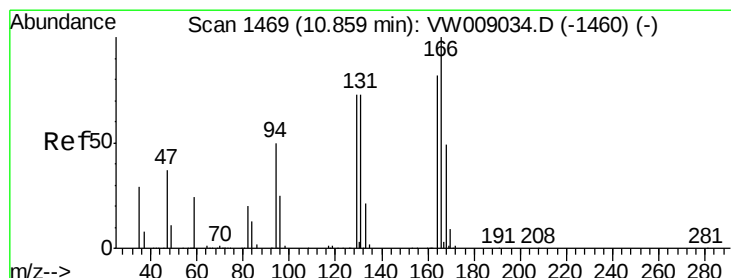
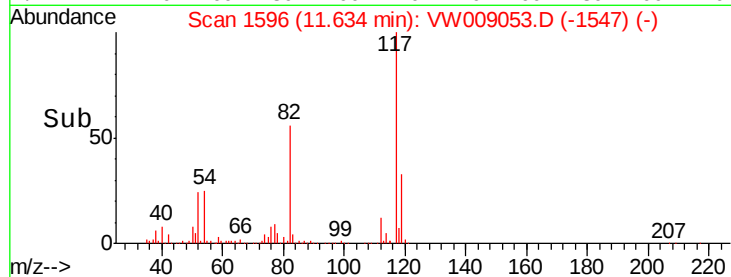
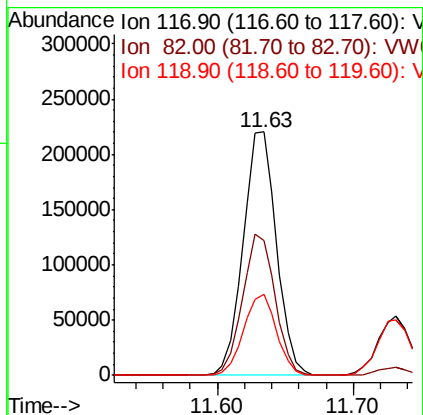
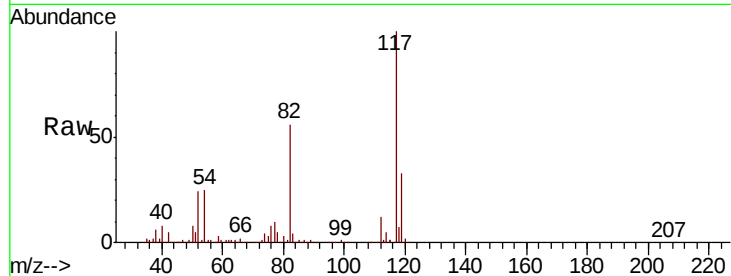




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

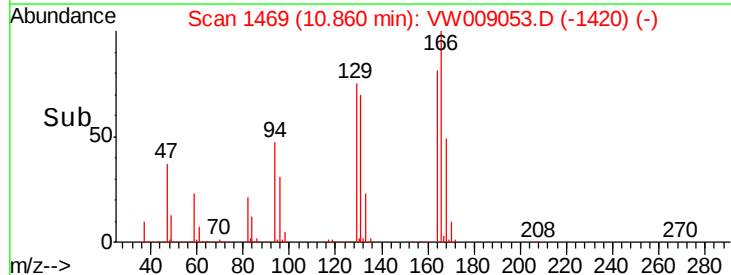
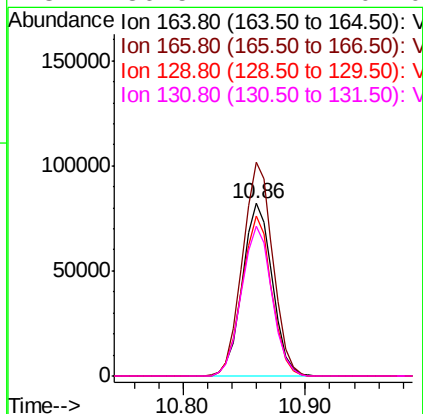
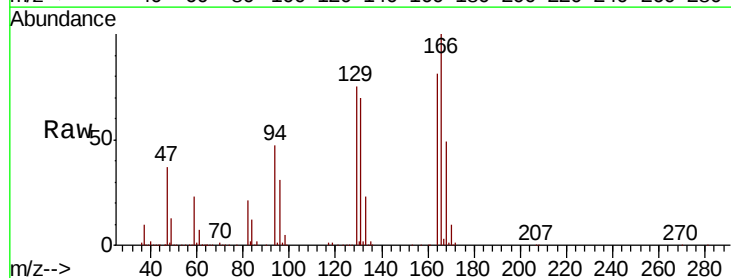
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

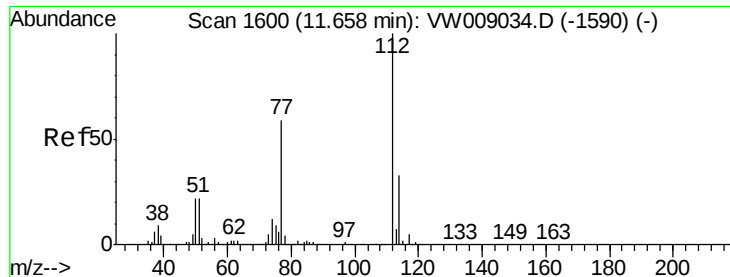
Tot Ion:117 Resp: 377982  
Ion Ratio Lower Upper  
117 100  
82 55.6 45.0 67.6  
119 33.5 26.6 39.8



#64  
Tetrachloroethene  
Concen: 51.078 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion:164 Resp: 139231  
Ion Ratio Lower Upper  
164 100  
166 123.7 97.8 146.6  
129 92.4 71.6 107.4  
131 86.5 71.4 107.0

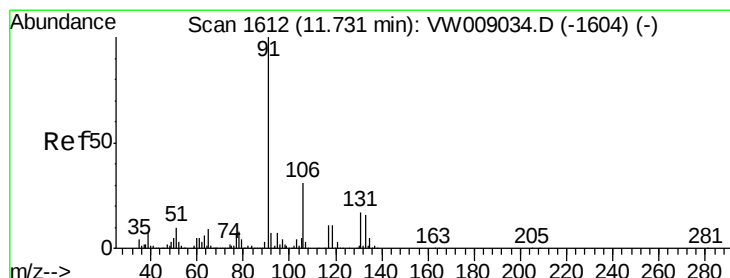
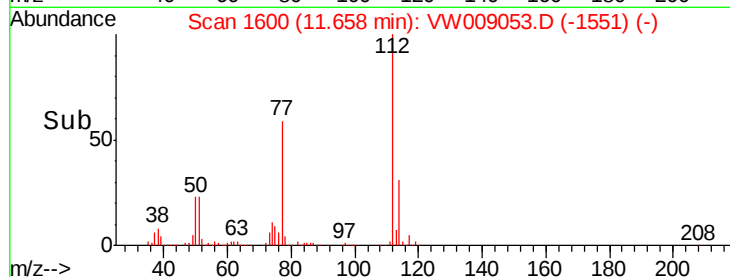
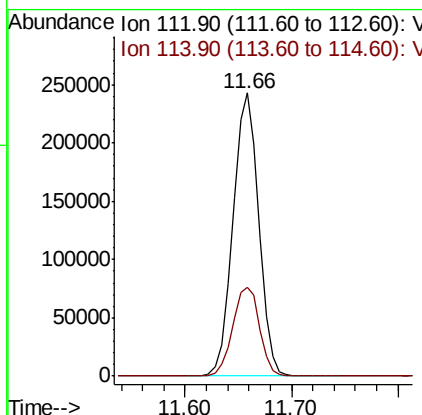
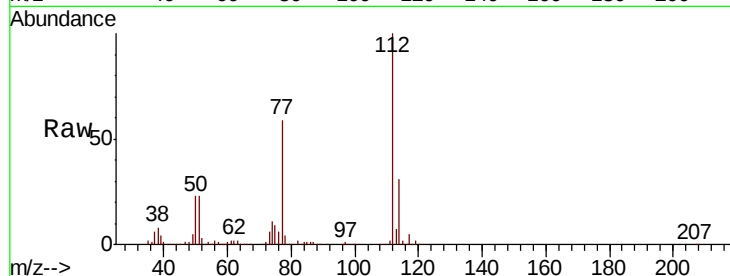




#65  
Chlorobenzene  
Concen: 49.939 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

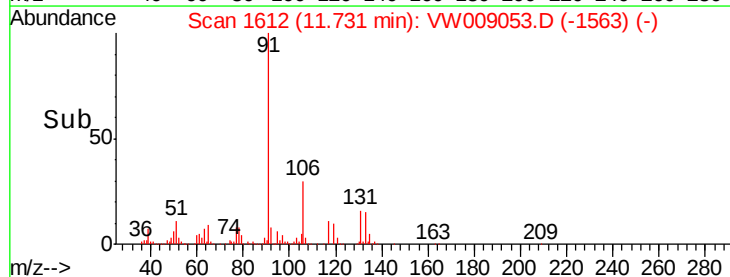
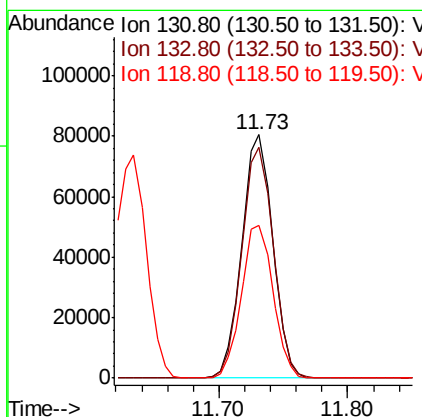
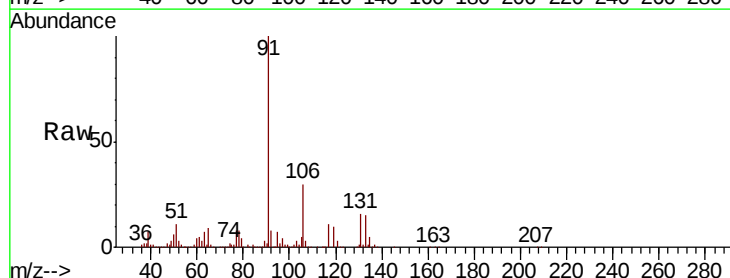
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

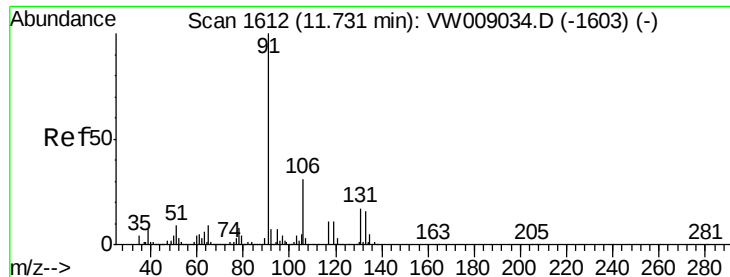
Tot Ion:112 Resp: 410857  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.6 40.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.632 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion:131 Resp: 133595  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.6 142.8  
119 64.5 31.3 93.8

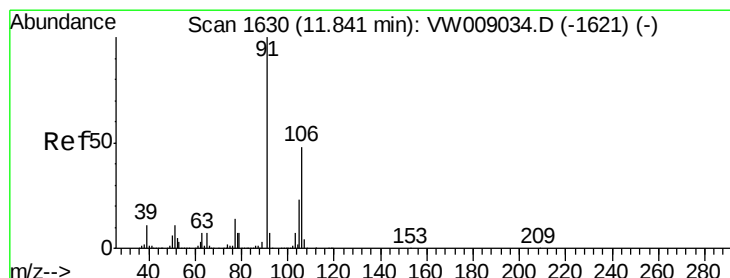
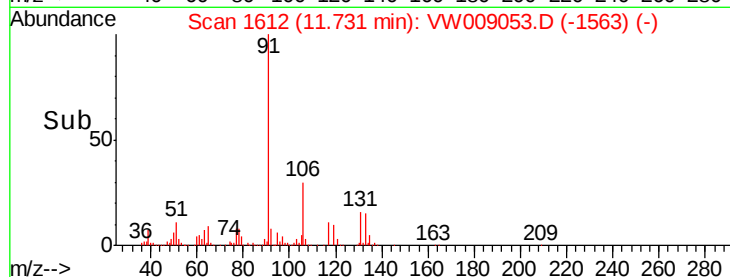
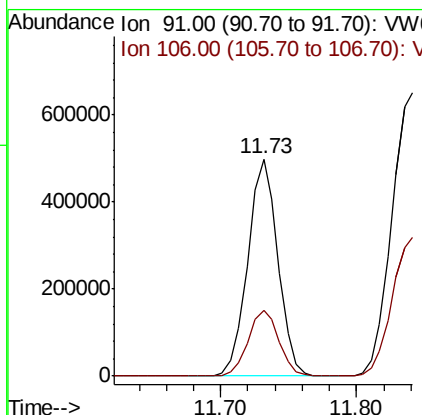
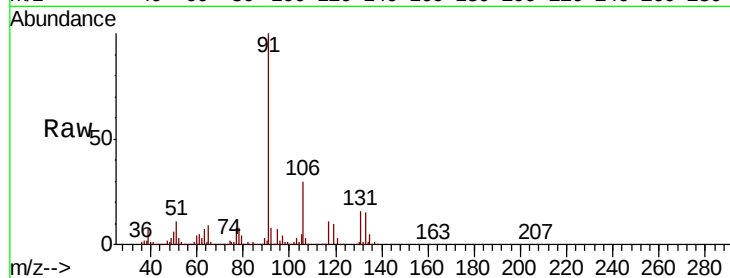




#67  
Ethyl Benzene  
Concen: 52.038 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

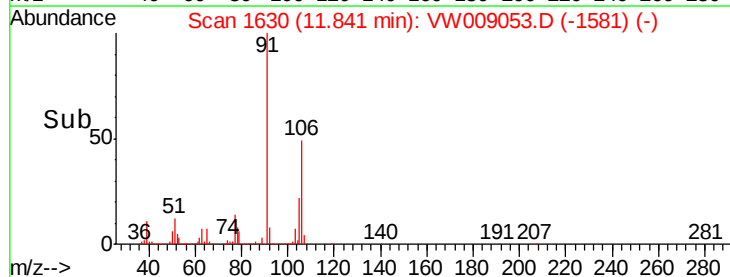
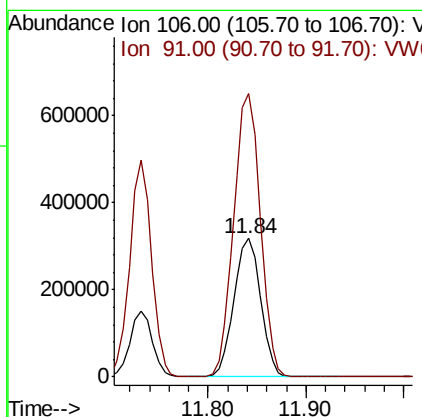
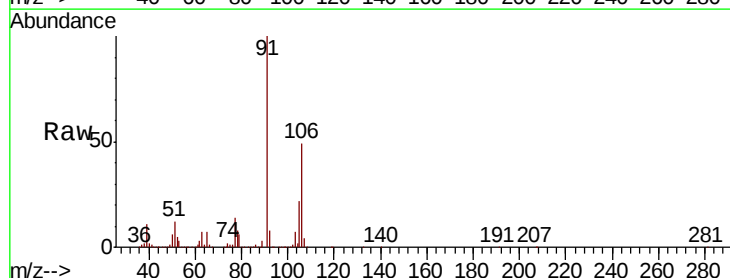
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

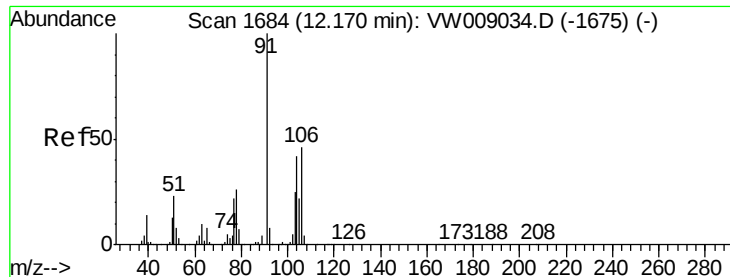
Tot Ion: 91 Resp: 773440  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.0 37.4



#68  
m/p-Xylenes  
Concen: 103.025 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion: 106 Resp: 604408  
Ion Ratio Lower Upper  
106 100  
91 204.1 163.2 244.8

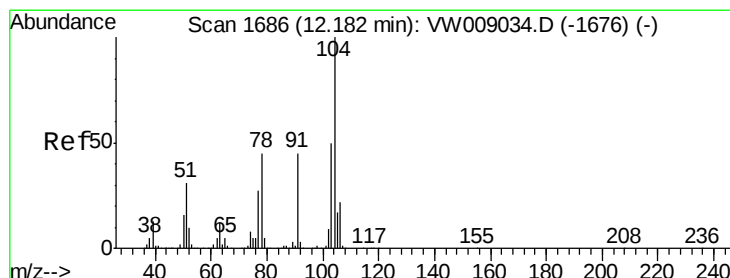
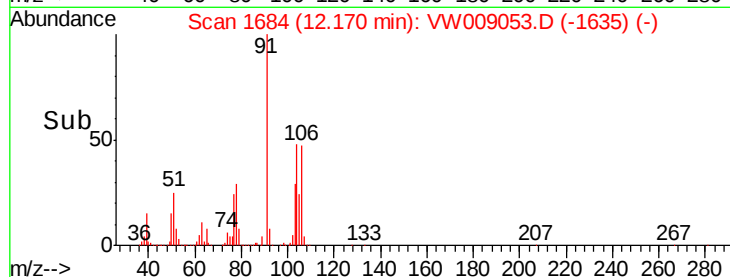
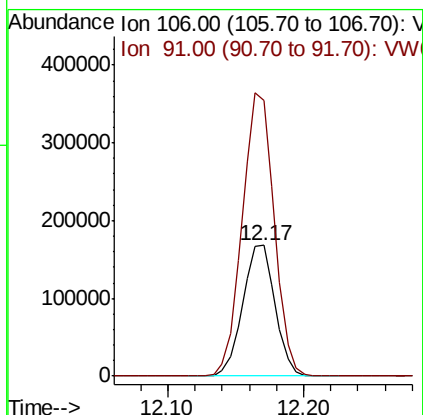
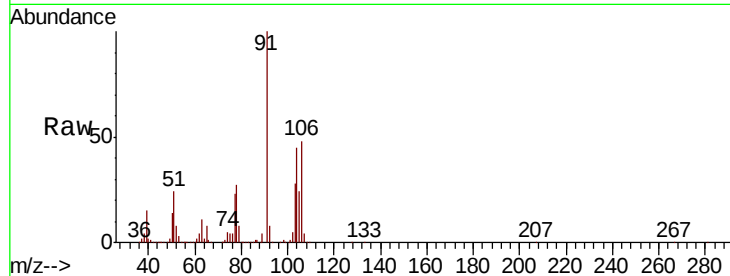




#69  
o-Xylene  
Concen: 51.389 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

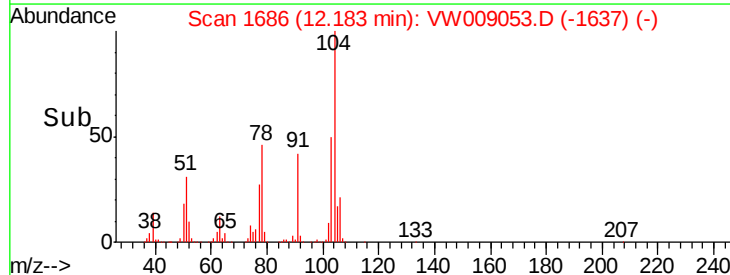
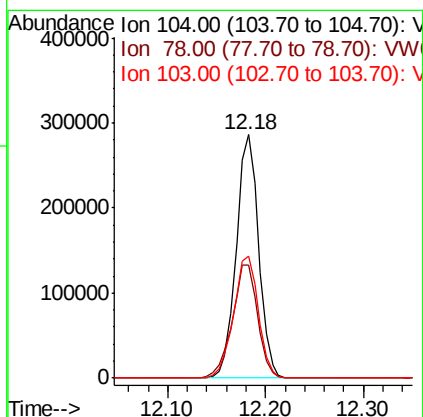
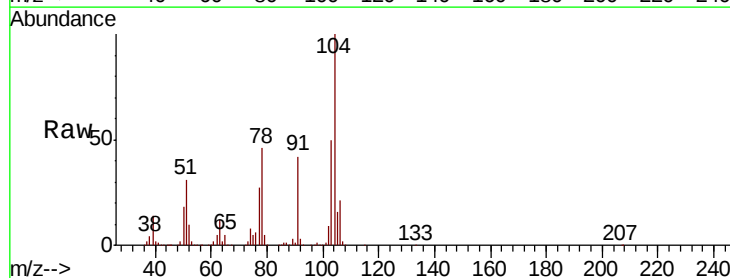
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

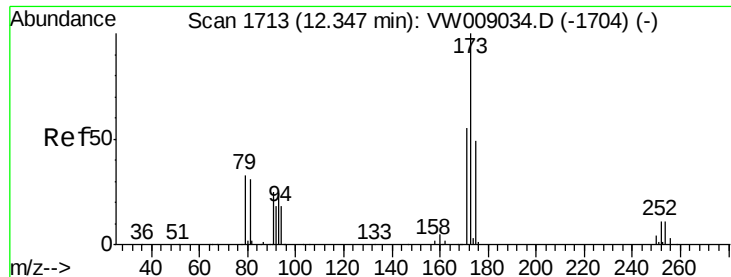
Tot Ion:106 Resp: 280511  
Ion Ratio Lower Upper  
106 100  
91 213.5 108.6 325.6



#70  
Styrene  
Concen: 51.587 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion:104 Resp: 455600  
Ion Ratio Lower Upper  
104 100  
78 52.3 42.1 63.1  
103 55.5 43.9 65.9





#71

Bromoform

Concen: 46.355 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

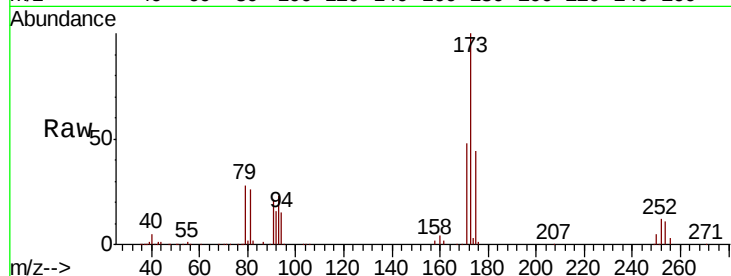
Tot Ion:173 Resp: 68374

Ion Ratio Lower Upper

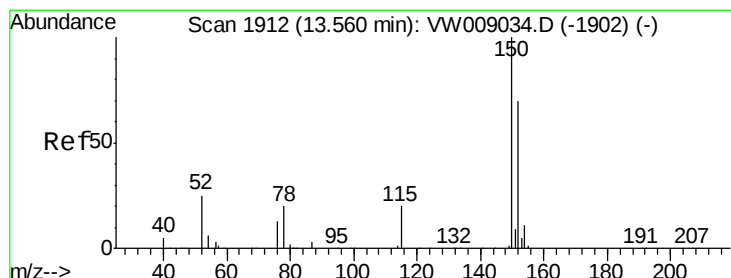
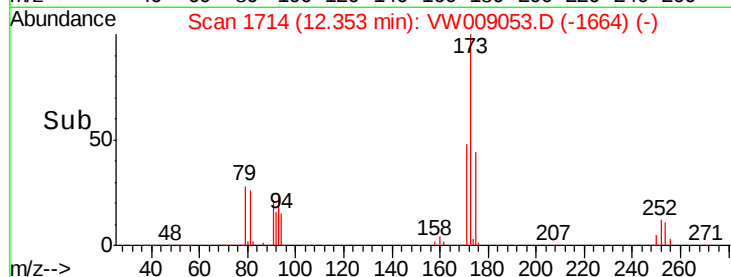
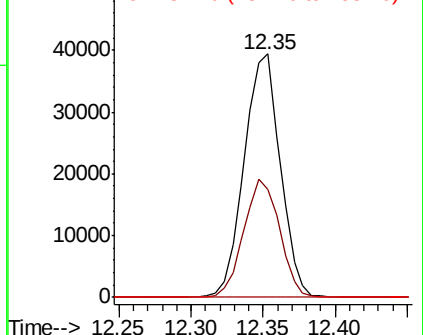
173 100

175 48.1 24.6 74.0

254 0.1 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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

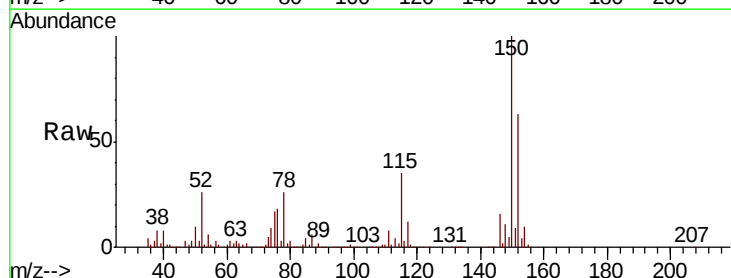
Tgt Ion:152 Resp: 212132

Ion Ratio Lower Upper

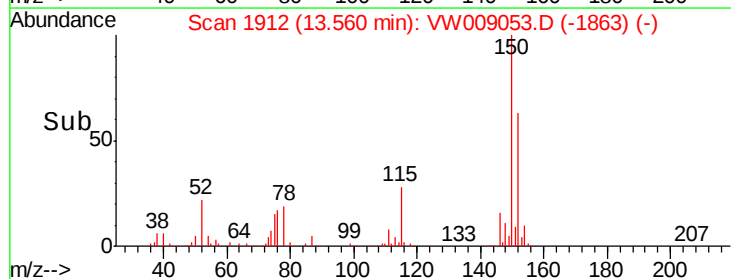
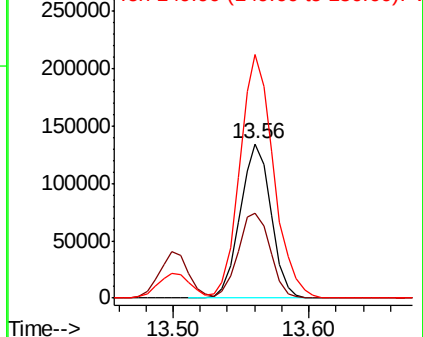
152 100

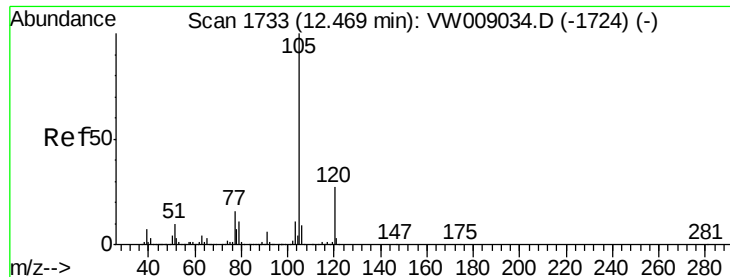
115 57.0 28.9 86.7

150 172.8 0.0 349.2



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





#73

Isopropylbenzene

Concen: 51.728 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

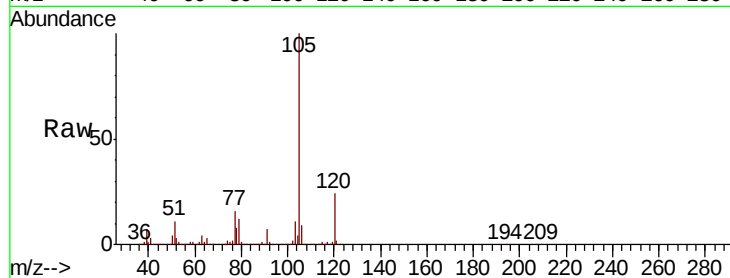
VSTDCCC050

Tot Ion:105 Resp: 785796

Ion Ratio Lower Upper

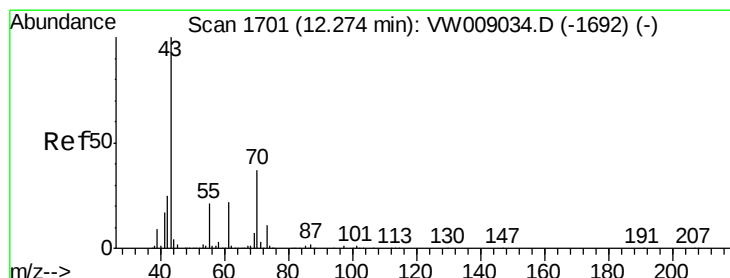
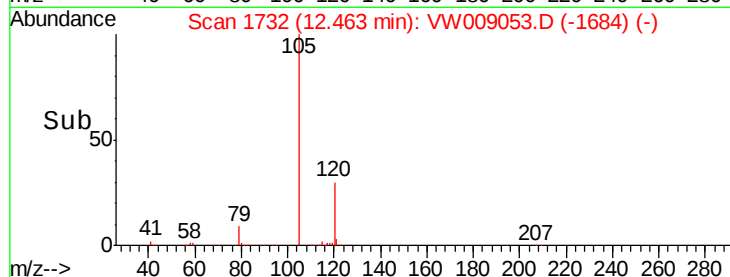
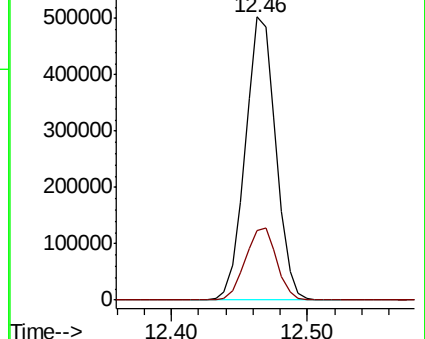
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.337 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion: 43 Resp: 173829

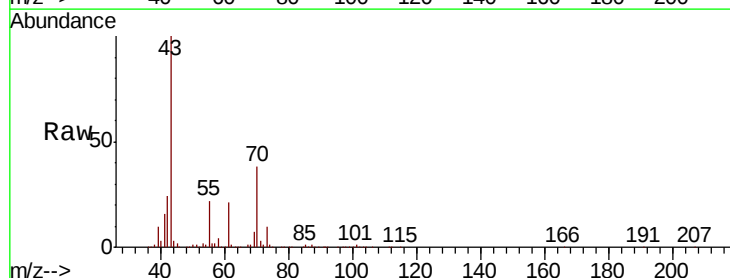
Ion Ratio Lower Upper

43 100

70 37.9 30.8 46.2

55 22.6 17.8 26.8

61 21.7 17.4 26.2

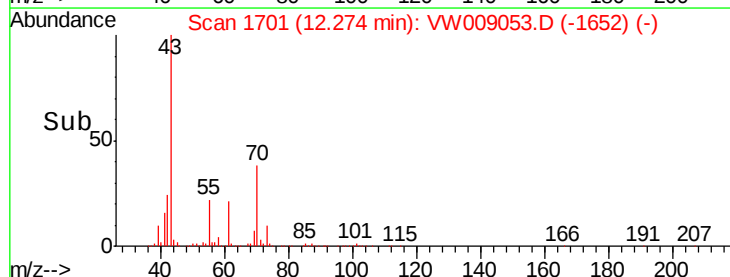
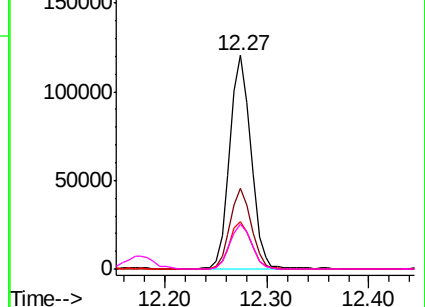


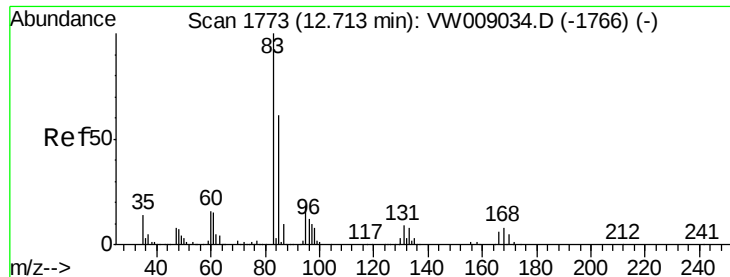
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 46.053 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

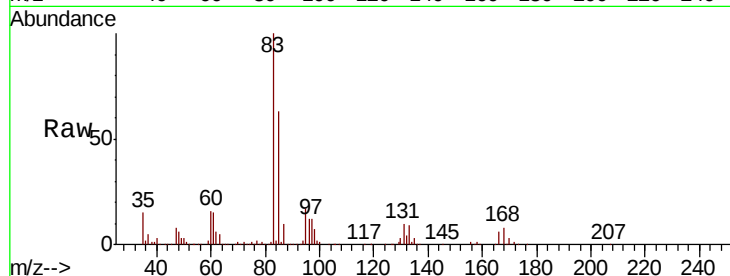
Tot Ion: 83 Resp: 110355

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

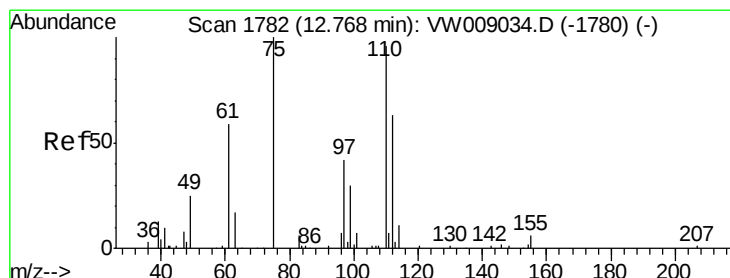
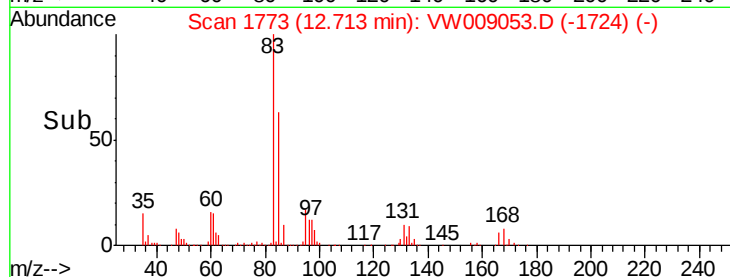
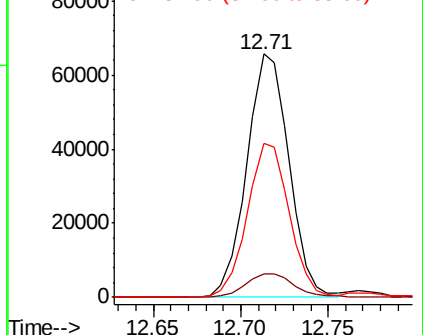
85 63.0 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.459 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009053.D

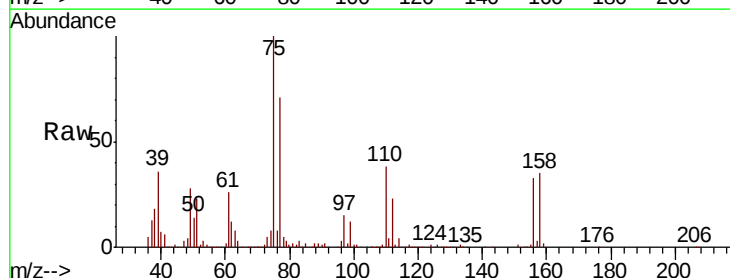
Acq: 08 Mar 2019 14:15

Tgt Ion: 75 Resp: 159991

Ion Ratio Lower Upper

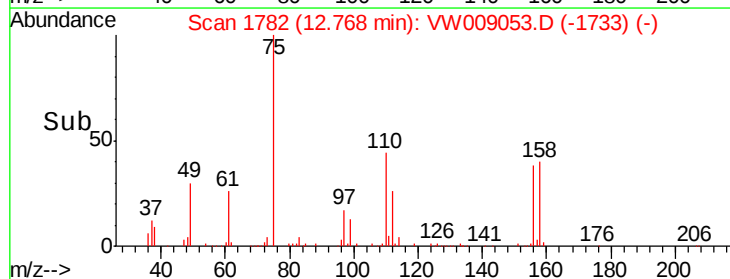
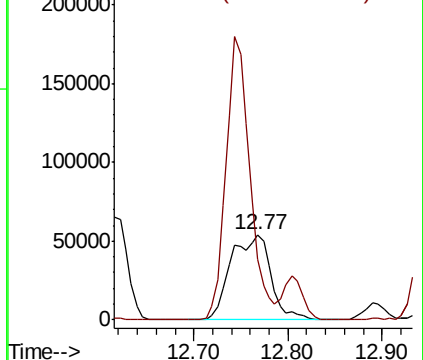
75 100

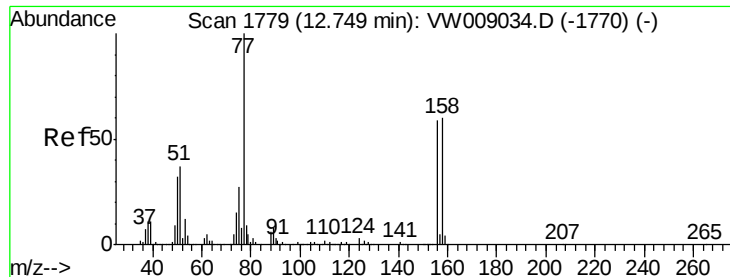
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.546 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

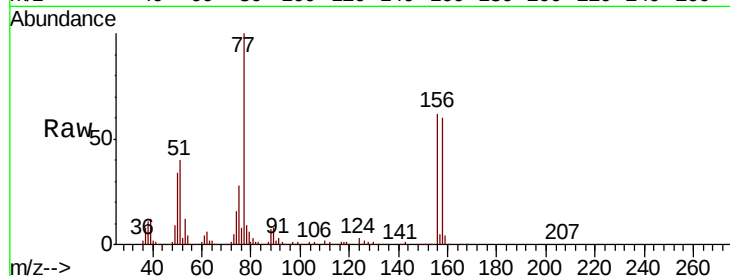
Tot Ion:156 Resp: 171972

Ion Ratio Lower Upper

156 100

77 184.9 93.0 279.2

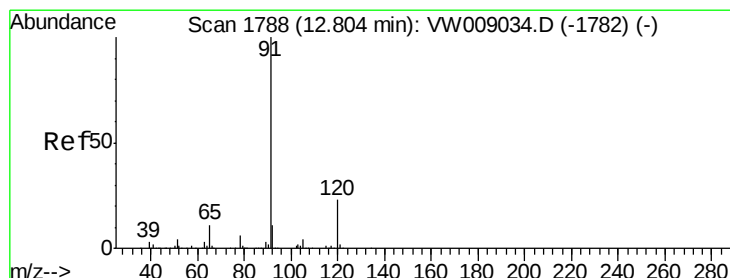
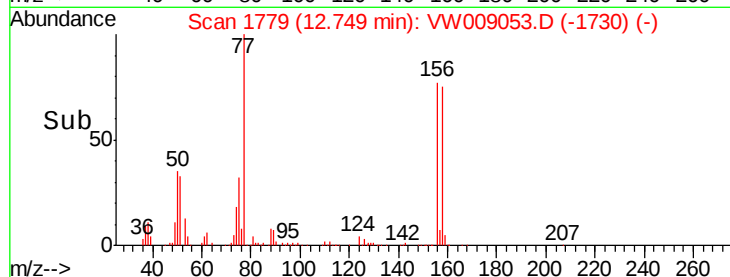
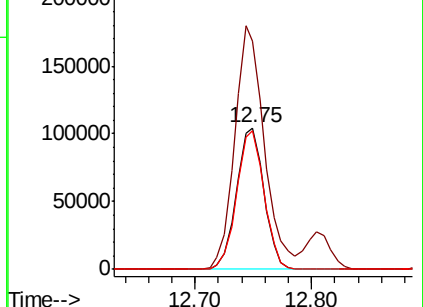
158 97.3 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.158 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009053.D

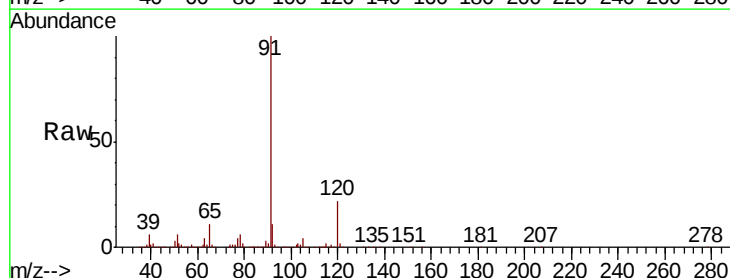
Acq: 08 Mar 2019 14:15

Tgt Ion: 91 Resp: 975964

Ion Ratio Lower Upper

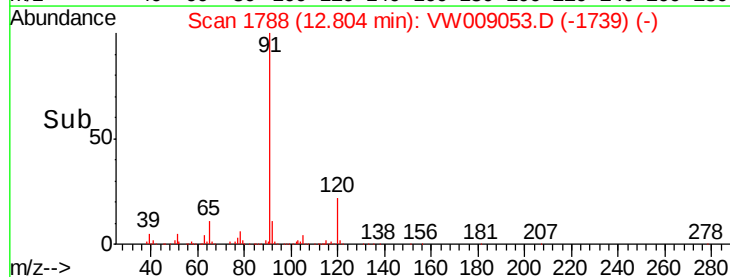
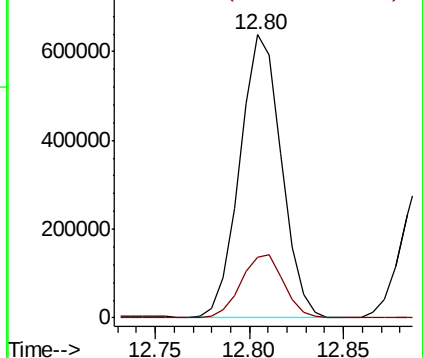
91 100

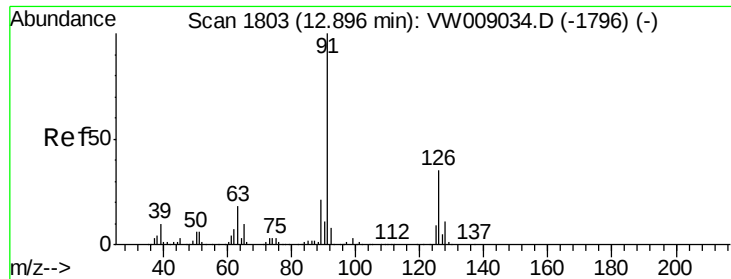
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.979 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

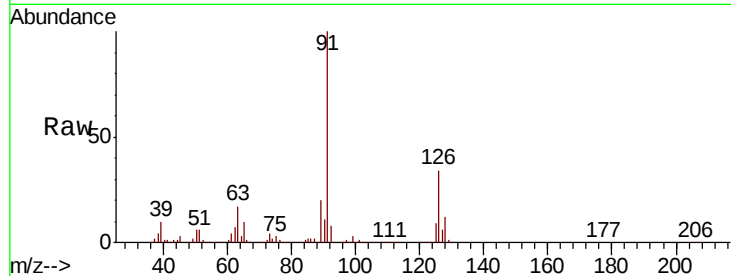
VSTDCCC050

Tot Ion: 91 Resp: 535939

Ion Ratio Lower Upper

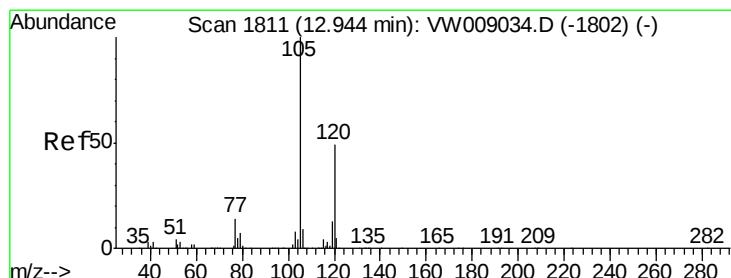
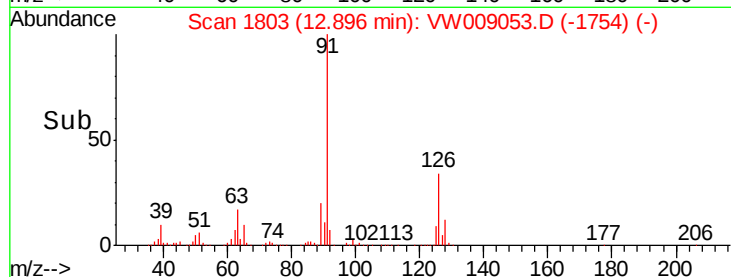
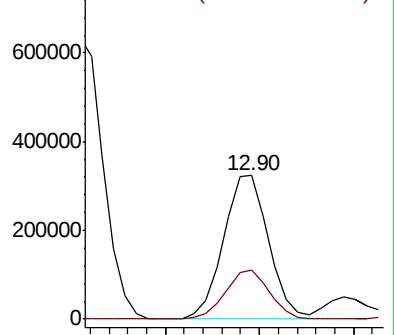
91 100

126 33.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.622 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009053.D

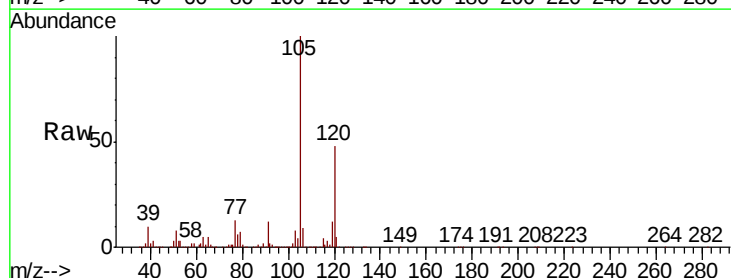
Acq: 08 Mar 2019 14:15

Tgt Ion:105 Resp: 675966

Ion Ratio Lower Upper

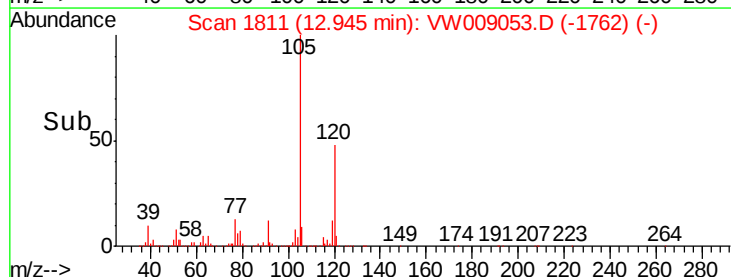
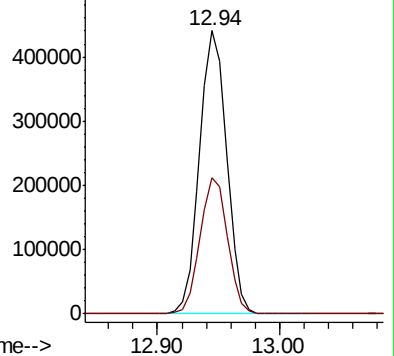
105 100

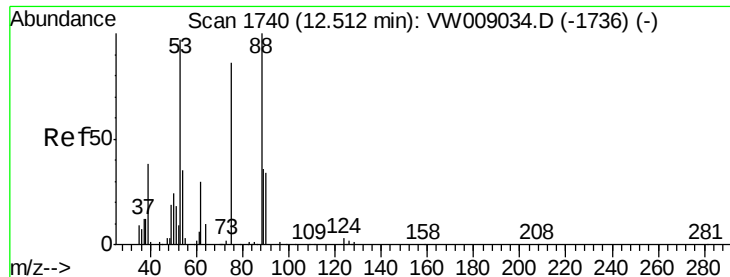
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.824 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

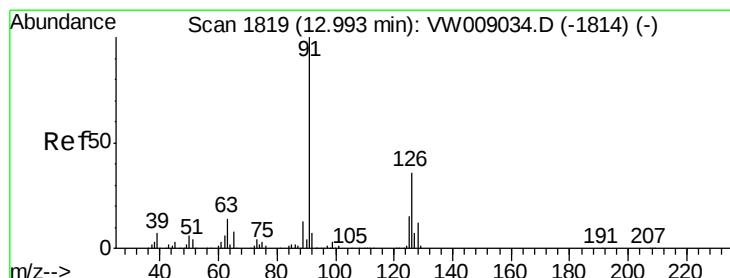
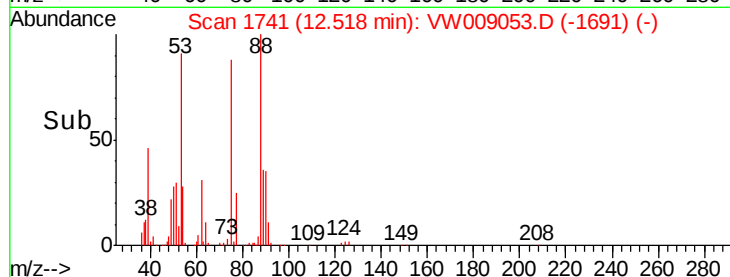
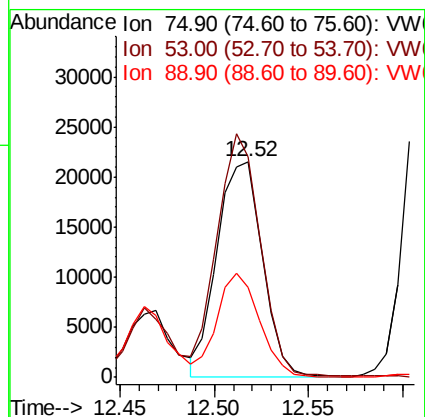
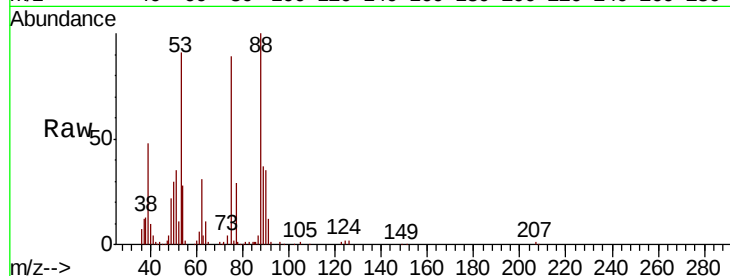
Tot Ion: 75 Resp: 35835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 107.6 | 90.5  | 135.7 |
| 89  | 45.9  | 37.5  | 56.3  |

75 100

53 107.6 90.5 135.7

89 45.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 50.494 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009053.D

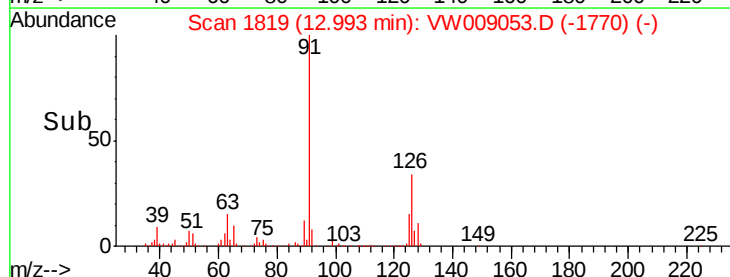
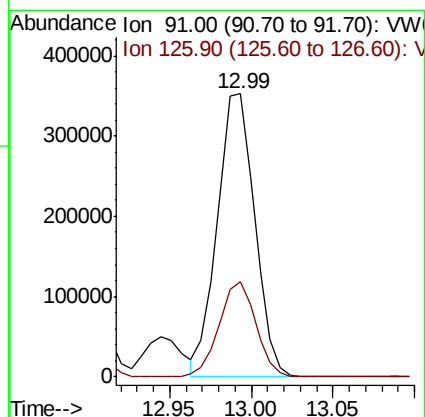
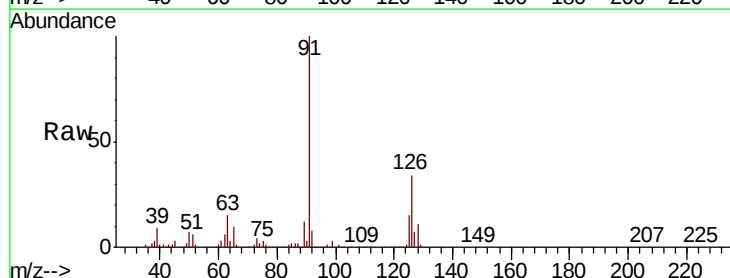
Acq: 08 Mar 2019 14:15

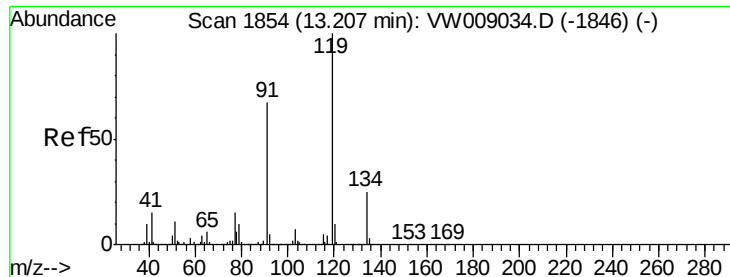
Tgt Ion: 91 Resp: 565860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 33.2  | 16.6  | 49.8  |

91 100

126 33.2 16.6 49.8

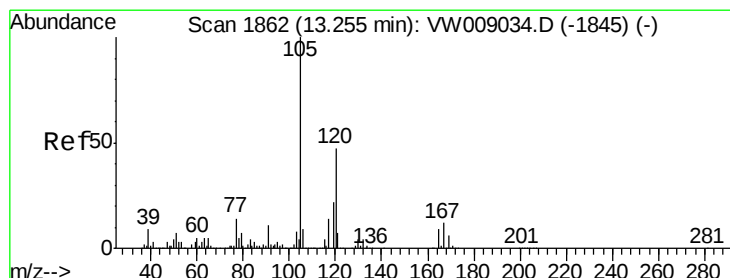
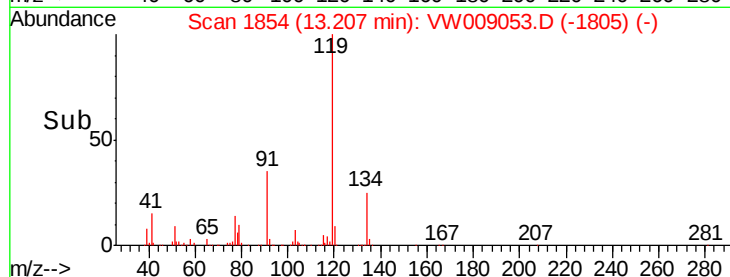
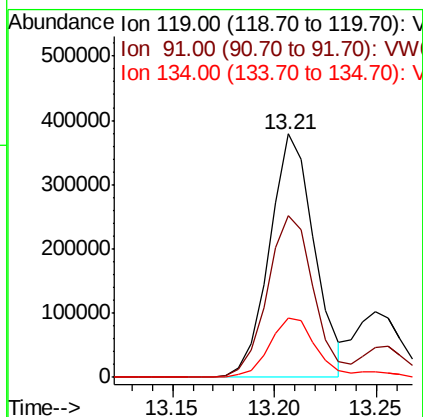
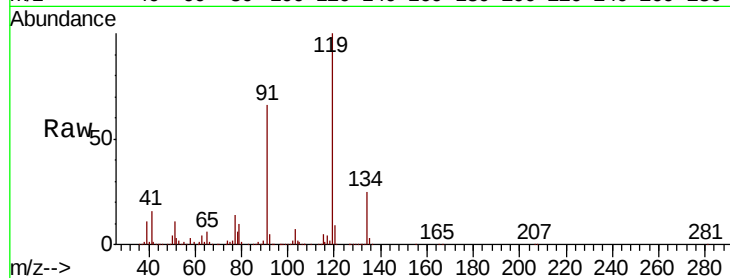




#83  
tert-Butylbenzene  
Concen: 52.363 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

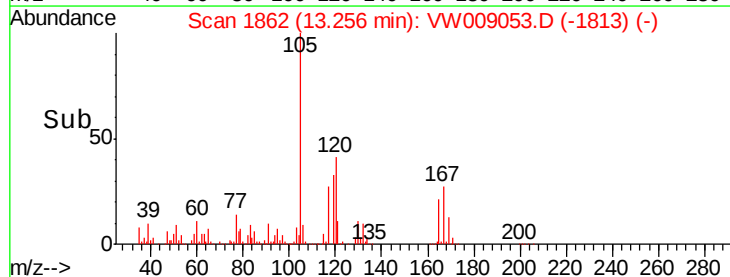
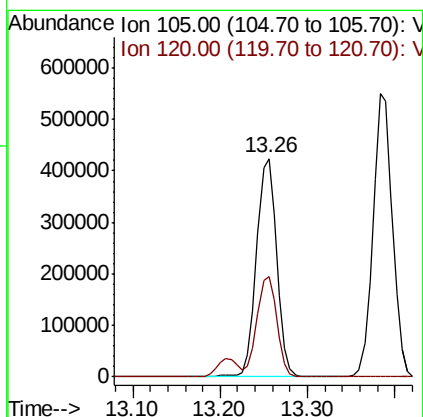
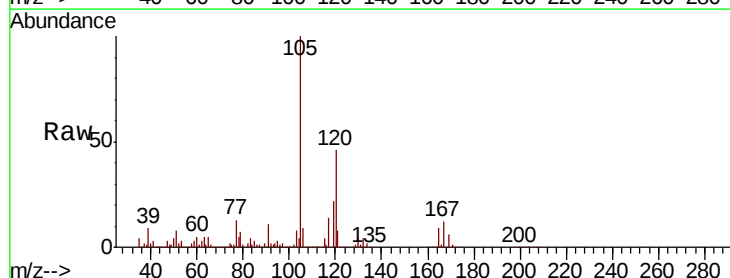
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

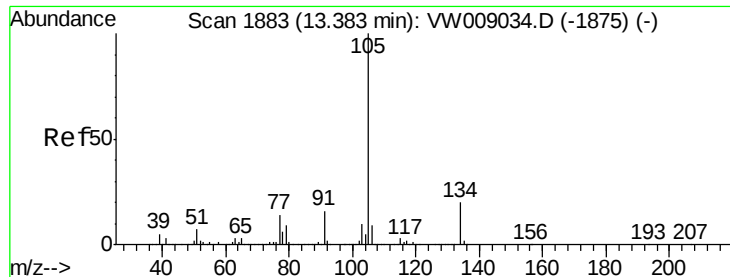
Tot Ion:119 Resp: 578280  
Ion Ratio Lower Upper  
119 100  
91 69.1 34.2 102.5  
134 27.0 13.9 41.6



#84  
1,2,4-Trimethylbenzene  
Concen: 51.305 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion:105 Resp: 679591  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 51.853 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

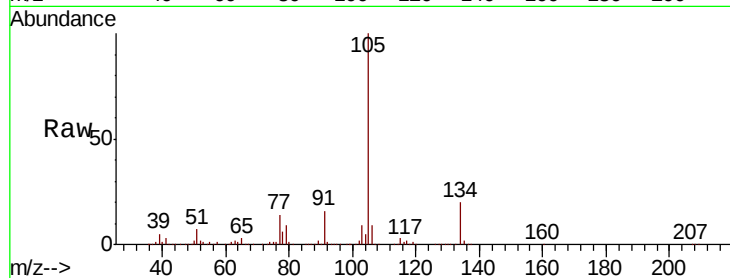
VSTDCCC050

Tot Ion:105 Resp: 848442

Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

600000

500000

400000

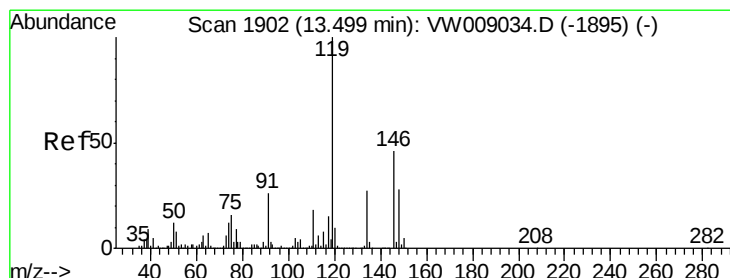
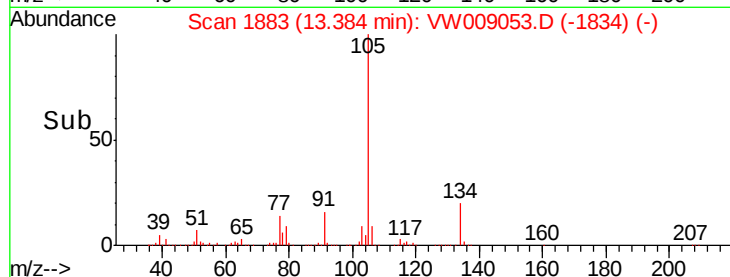
300000

200000

100000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 52.582 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

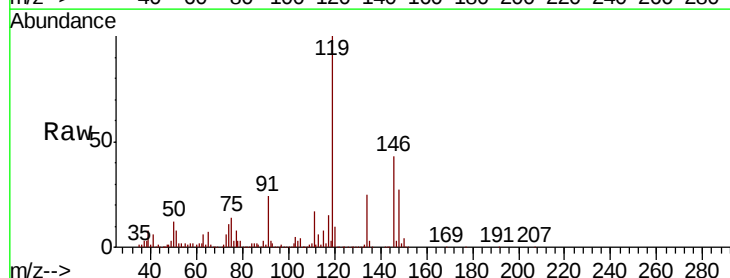
Tgt Ion:119 Resp: 769667

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

91 24.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

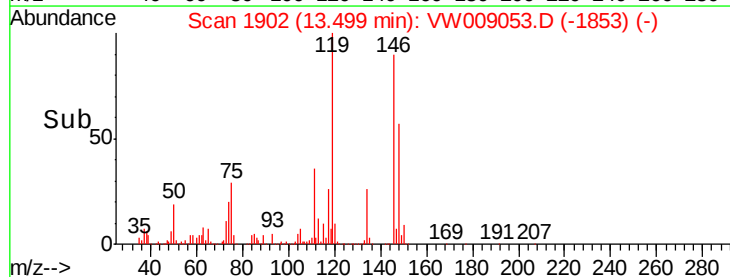
600000

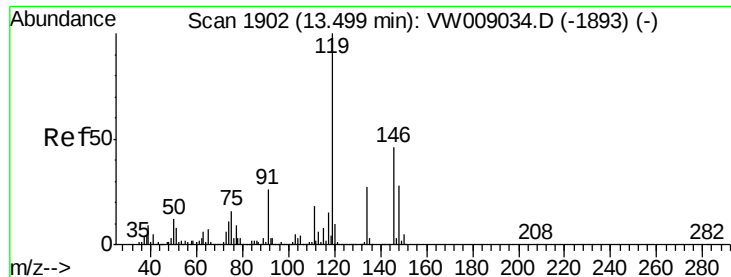
400000

200000

0

Time--> 13.45 13.50 13.55

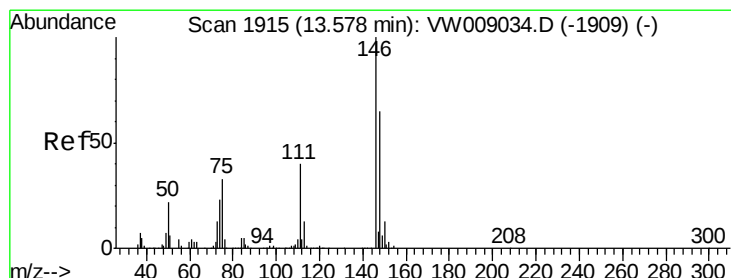
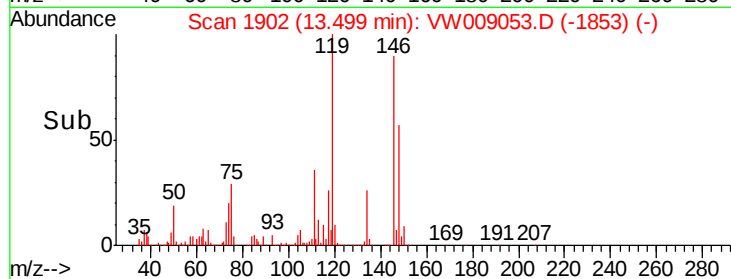
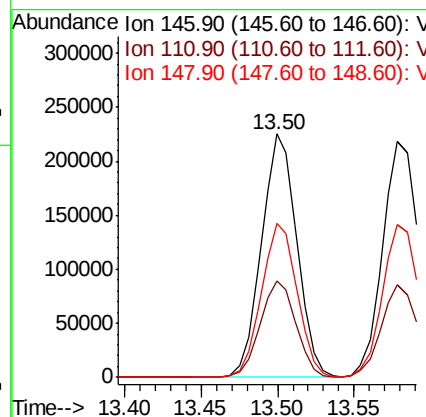
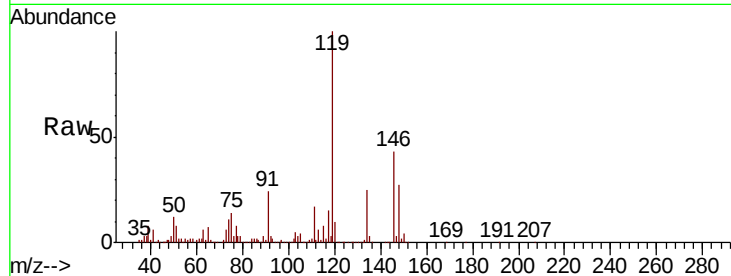




#87  
 1,3-Dichlorobenzene  
 Concen: 49.767 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

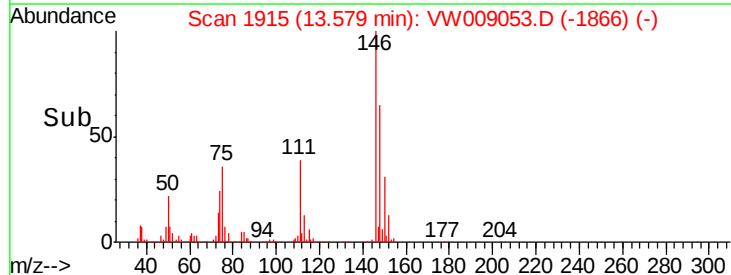
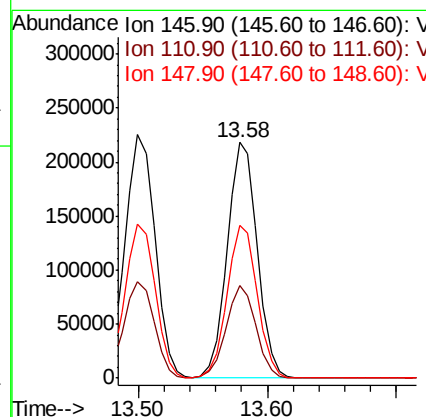
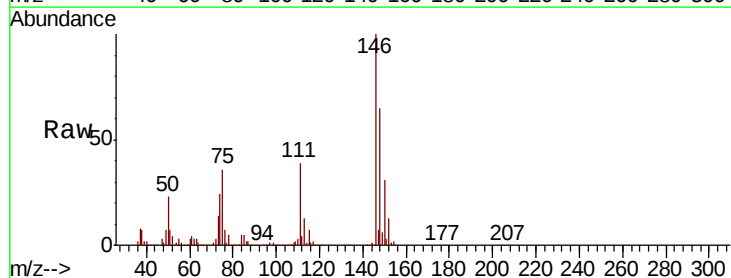
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

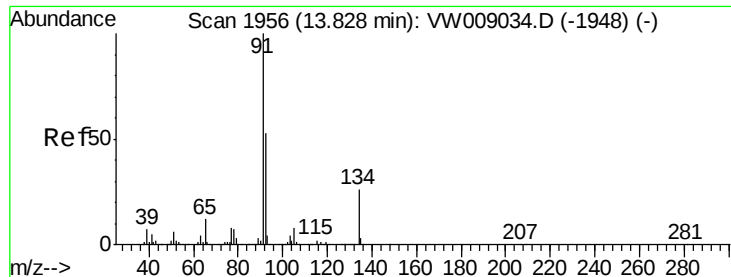
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.8  | 59.4  |
| 148     | 63.5  | 31.6  | 94.8  |



#88  
 1,4-Dichlorobenzene  
 Concen: 49.446 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.7  | 59.0  |
| 148     | 65.0  | 32.2  | 96.6  |

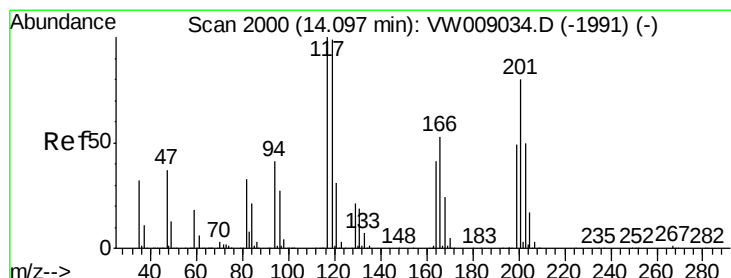
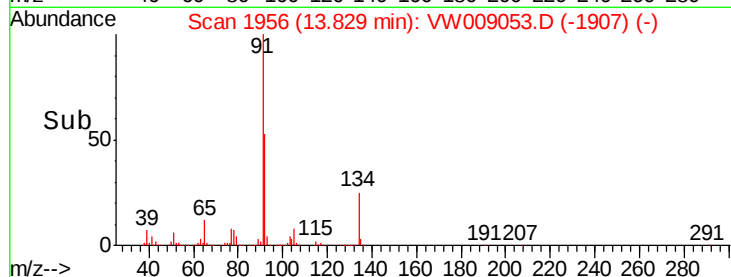
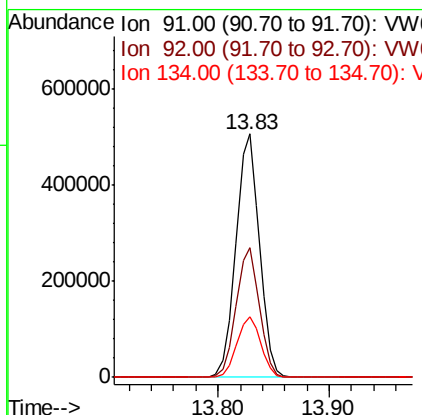
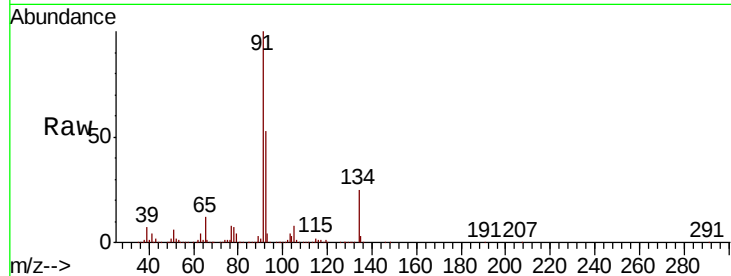




#89  
n-Butylbenzene  
Concen: 52.841 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

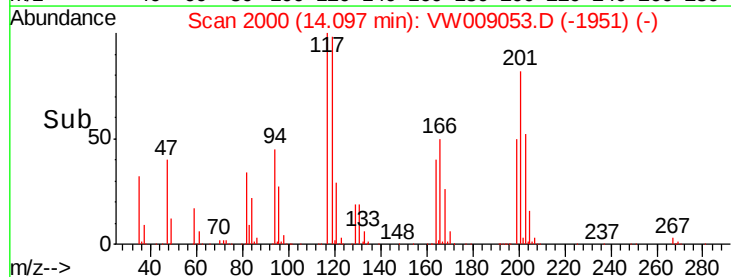
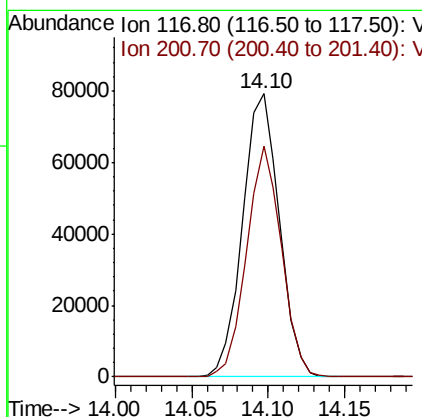
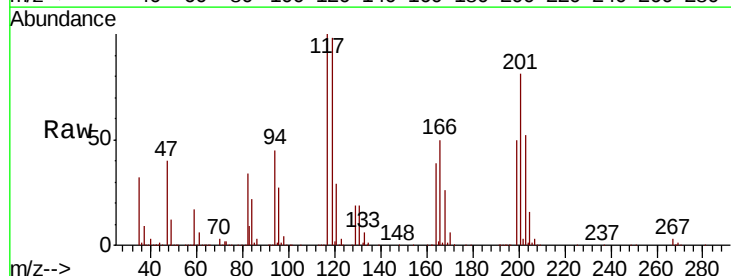
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

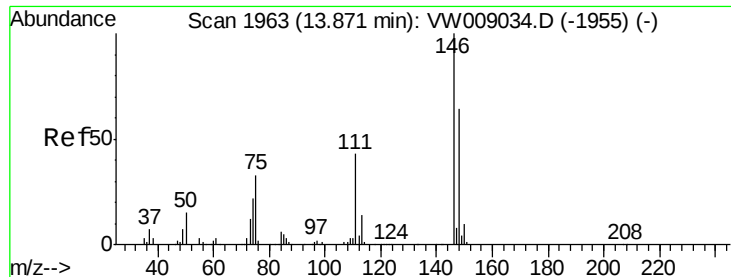
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.8  | 80.3  |
| 134     | 25.4  | 12.9  | 38.7  |



#90  
Hexachloroethane  
Concen: 52.475 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.0  | 39.1  | 117.5 |





#91

1,2-Dichlorobenzene

Concen: 49.142 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

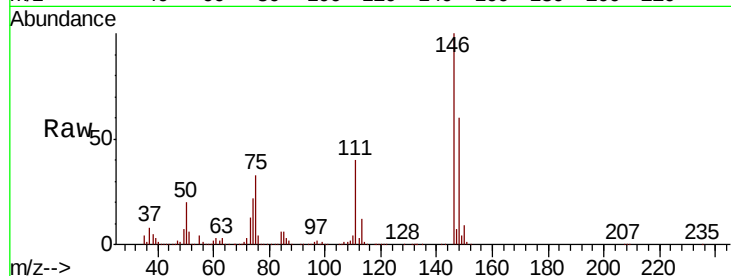
Tot Ion:146 Resp: 316271

Ion Ratio Lower Upper

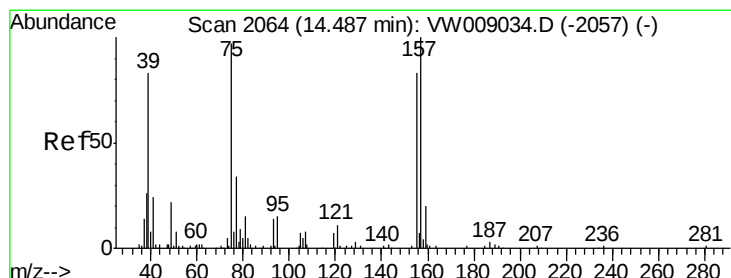
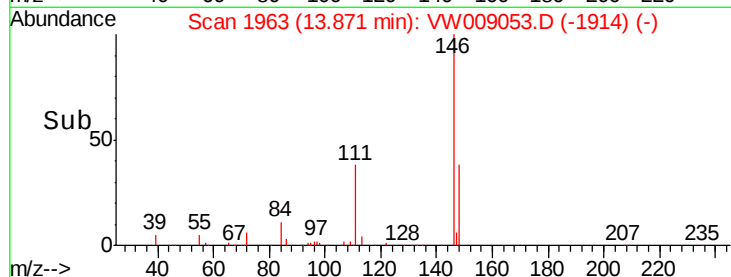
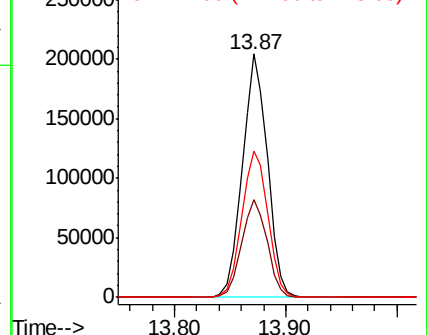
146 100

111 40.9 21.1 63.1

148 62.8 32.3 96.9



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: 46.925 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

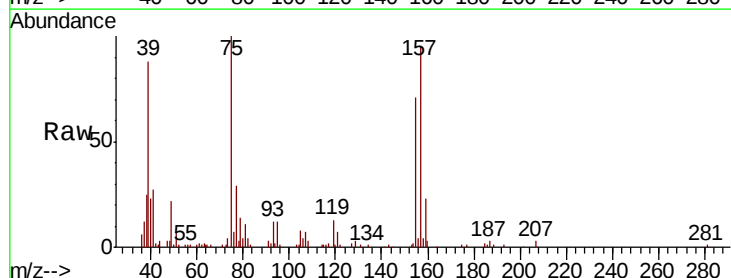
Tgt Ion: 75 Resp: 20027

Ion Ratio Lower Upper

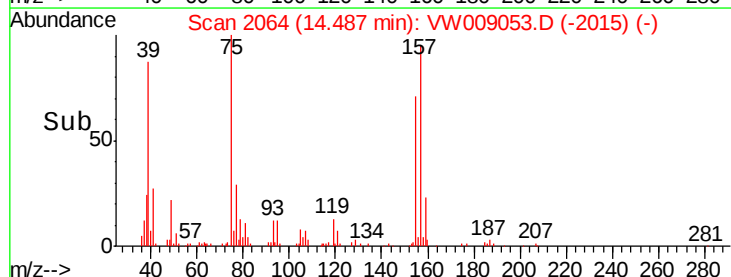
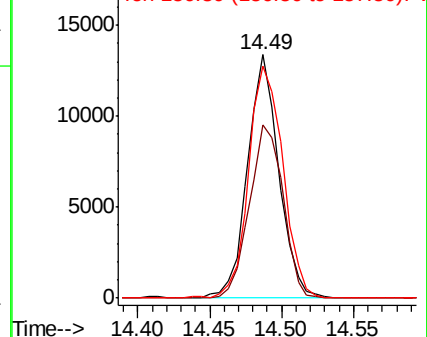
75 100

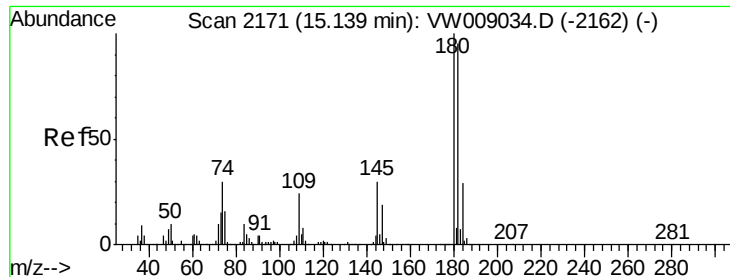
155 76.4 40.8 122.4

157 104.4 52.4 157.3



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

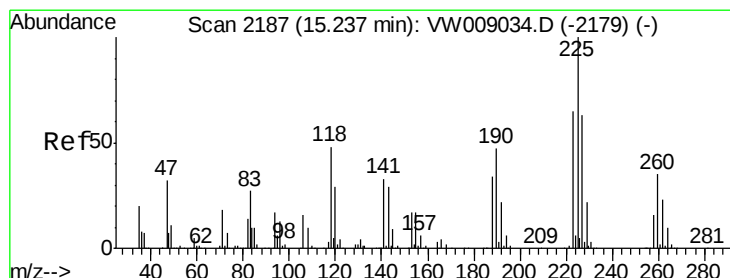
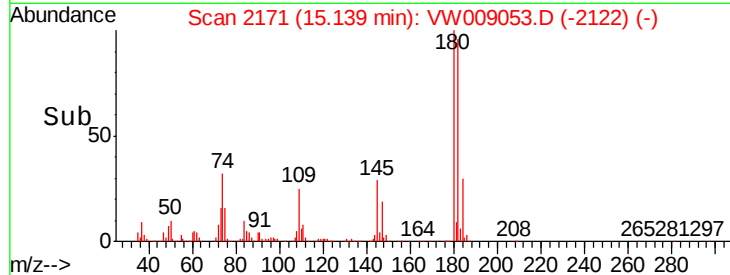
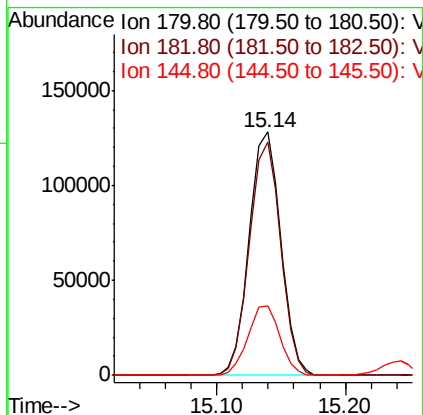
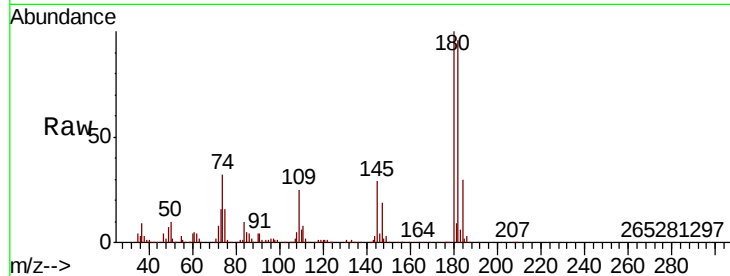




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.793 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

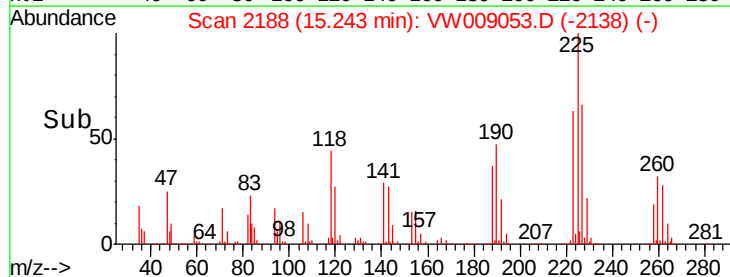
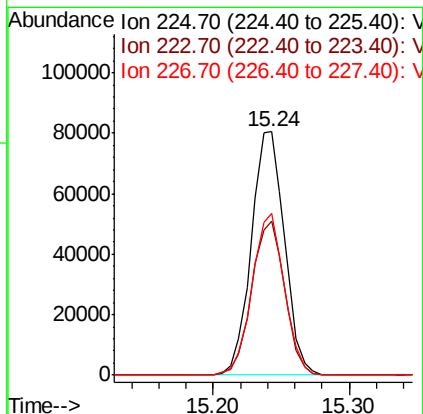
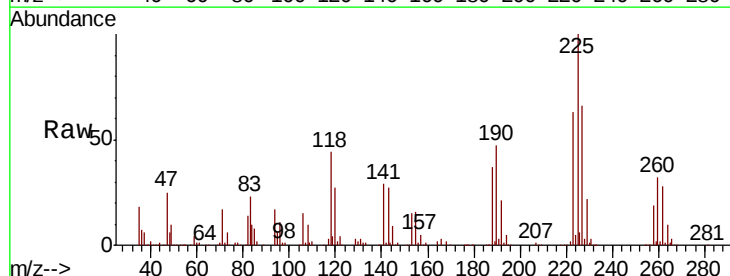
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

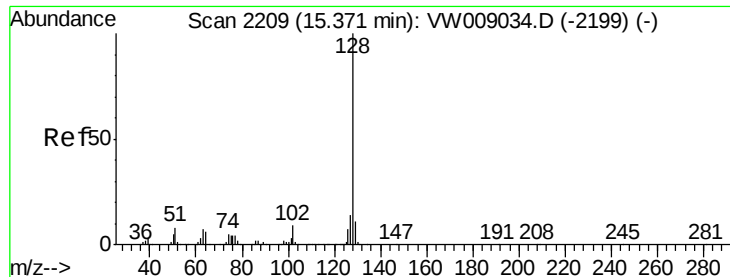
Tot Ion:180 Resp: 216423  
 Ion Ratio Lower Upper  
 180 100  
 182 94.9 48.1 144.3  
 145 29.1 15.4 46.1



#94  
 Hexachlorobutadiene  
 Concen: 50.652 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.01 min  
 Lab File: VW009053.D  
 Acq: 08 Mar 2019 14:15

Tgt Ion:225 Resp: 137898  
 Ion Ratio Lower Upper  
 225 100  
 223 62.8 31.6 94.8  
 227 64.8 32.0 96.2

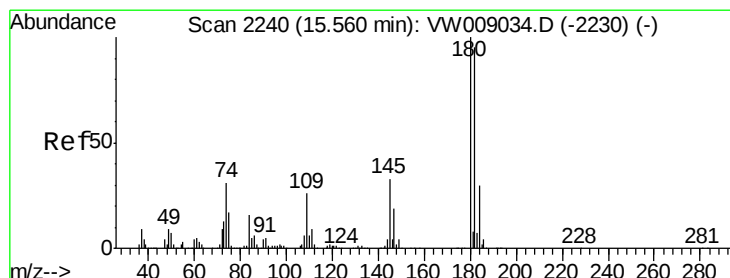
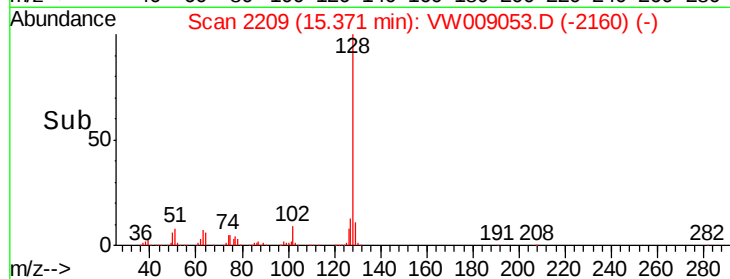
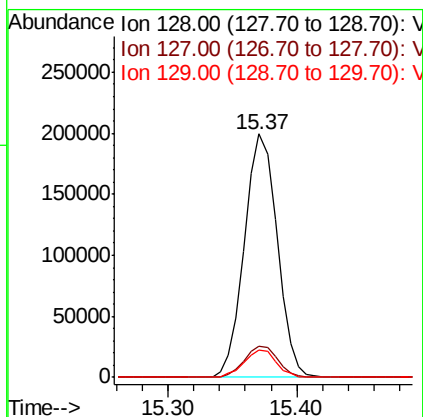
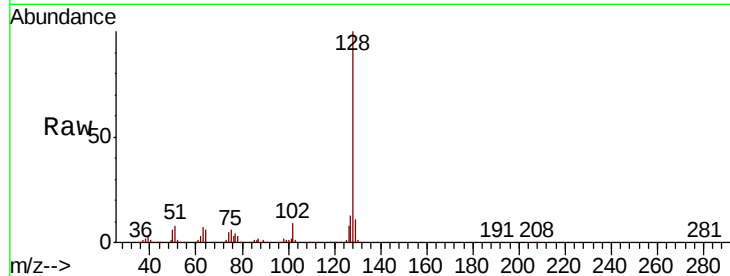




#95  
Naphthalene  
Concen: 49.430 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 351687  
Ion Ratio Lower Upper  
128 100  
127 13.1 11.0 16.6  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 48.457 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: VW009053.D  
Acq: 08 Mar 2019 14:15

Tgt Ion:180 Resp: 185199  
Ion Ratio Lower Upper  
180 100  
182 94.4 48.1 144.3  
145 32.0 15.8 47.3

