

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW012420\  
 Data File : VW014738.D  
 Acq On : 24 Jan 2020 11:25  
 Operator : SY/VA  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jan 24 12:39:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 24 12:36:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.94  | 168  | 643895   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 988003   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 851746   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 424997   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 131980   | 23.01 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 46.02% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 120293   | 21.11 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 42.22% |      |
| 50) Toluene-d8              | 10.32  | 98  | 490614   | 20.58 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 41.16% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 164261   | 20.36 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 40.72% |      |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 81464    | 21.41  | ug/l  | 97     |
| 3) Chloromethane              | 2.21 | 50   | 119225   | 25.47  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.36 | 62   | 186336   | 26.88  | ug/l  | 99     |
| 5) Bromomethane               | 2.75 | 94   | 96214    | 22.89  | ug/l  | 98     |
| 6) Chloroethane               | 2.92 | 64   | 96222    | 24.50  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101  | 77116    | 22.41  | ug/l  | 95     |
| 8) Diethyl Ether              | 3.68 | 74   | 68339    | 20.85  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 137881   | 22.22  | ug/l  | 98     |
| 10) Methyl Iodide             | 4.28 | 142  | 184965   | 19.92  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 5.15 | 59   | 50359    | 105.23 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 137325   | 21.15  | ug/l  | 98     |
| 13) Acrolein                  | 3.89 | 56   | 56763    | 120.43 | ug/l  | 99     |
| 14) Allyl chloride            | 4.66 | 41   | 221775   | 22.05  | ug/l  | 98     |
| 15) Acrylonitrile             | 5.36 | 53   | 176338   | 119.11 | ug/l  | 99     |
| 16) Acetone                   | 4.12 | 43   | 160087   | 102.27 | ug/l  | 97     |
| 17) Carbon Disulfide          | 4.38 | 76   | 437017   | 22.12  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.66 | 43   | 79053    | 21.18  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 177738   | 22.09  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.91 | 84   | 154118   | 20.62  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 145406   | 21.09  | ug/l  | 98     |
| 22) Diisopropyl ether         | 6.31 | 45   | 431216   | 22.90  | ug/l  | 97     |
| 23) Vinyl Acetate             | 6.24 | 43   | 1318084  | 117.49 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.20 | 63   | 263106   | 22.28  | ug/l  | 100    |
| 25) 2-Butanone                | 7.17 | 43   | 232592   | 115.64 | ug/l  | 96     |
| 26) 2,2-Dichloropropane       | 7.16 | 77   | 144430   | 22.07  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96   | 148880   | 20.59  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.51 | 49   | 94749    | 20.66  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.52 | 42   | 152935   | 122.08 | ug/l  | 99     |
| 30) Chloroform                | 7.67 | 83   | 242574   | 22.00  | ug/l  | 100    |
| 31) Cyclohexane               | 7.95 | 56   | 265934   | 21.73  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 196847   | 22.22  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 212153   | 21.95  | ug/l  | 100    |
| 37) Ethyl Acetate             | 7.25 | 43   | 103115   | 24.12  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 8.06 | 117  | 180567   | 21.55  | ug/l  | 96     |

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 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jan 24 12:39:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 24 12:36:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.33  | 83   | 250672   | 20.37  | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 585828   | 21.43  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 54344    | 22.66  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 162812   | 22.88  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.42  | 43   | 182202   | 23.30  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 146142   | 19.93  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 145926   | 21.74  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 70984    | 21.74  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 175761   | 21.50  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 88304    | 23.37  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.44  | 88   | 27178    | 454.42 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 491224   | 121.51 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 360259   | 21.08  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 172325   | 20.59  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 213156   | 20.75  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.78 | 97   | 102051   | 21.47  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.64 | 69   | 132262   | 21.52  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 180832   | 21.50  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 202158   | 107.25 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.96 | 43   | 329488   | 119.01 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.12 | 129  | 110067   | 20.52  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 96678    | 21.55  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.86 | 164  | 124082   | 20.17  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.65 | 112  | 361351   | 20.63  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 121966   | 20.69  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 655553   | 20.69  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 504849   | 41.73  | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 224653   | 20.12  | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 392281   | 20.80  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 65227    | 20.64  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 633550   | 20.21  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.27 | 43   | 160101   | 22.83  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 123149   | 22.05  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.76 | 75   | 156696   | 39.43  | ug/l   | 27       |
| 77) Bromobenzene               | 12.74 | 156  | 145270   | 19.95  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.80 | 91   | 777145   | 20.93  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 435052   | 20.61  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 535332   | 20.25  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 40005    | 22.41  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 453441   | 20.64  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.20 | 119  | 464596   | 20.13  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 537924   | 20.42  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 657778   | 20.54  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.49 | 119  | 592398   | 20.27  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.49 | 146  | 288735   | 20.38  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.57 | 146  | 282249   | 20.23  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 567330   | 20.85  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.09 | 117  | 101769   | 20.01  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 254546   | 20.43  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 19760    | 22.41  | ug/l   | 94       |

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Acq On : 24 Jan 2020 11:25  
Operator : SY/VA  
Sample : VSTDICC020  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC020

Quant Time: Jan 24 12:39:55 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 24 12:36:03 2020  
Response via : Initial Calibration

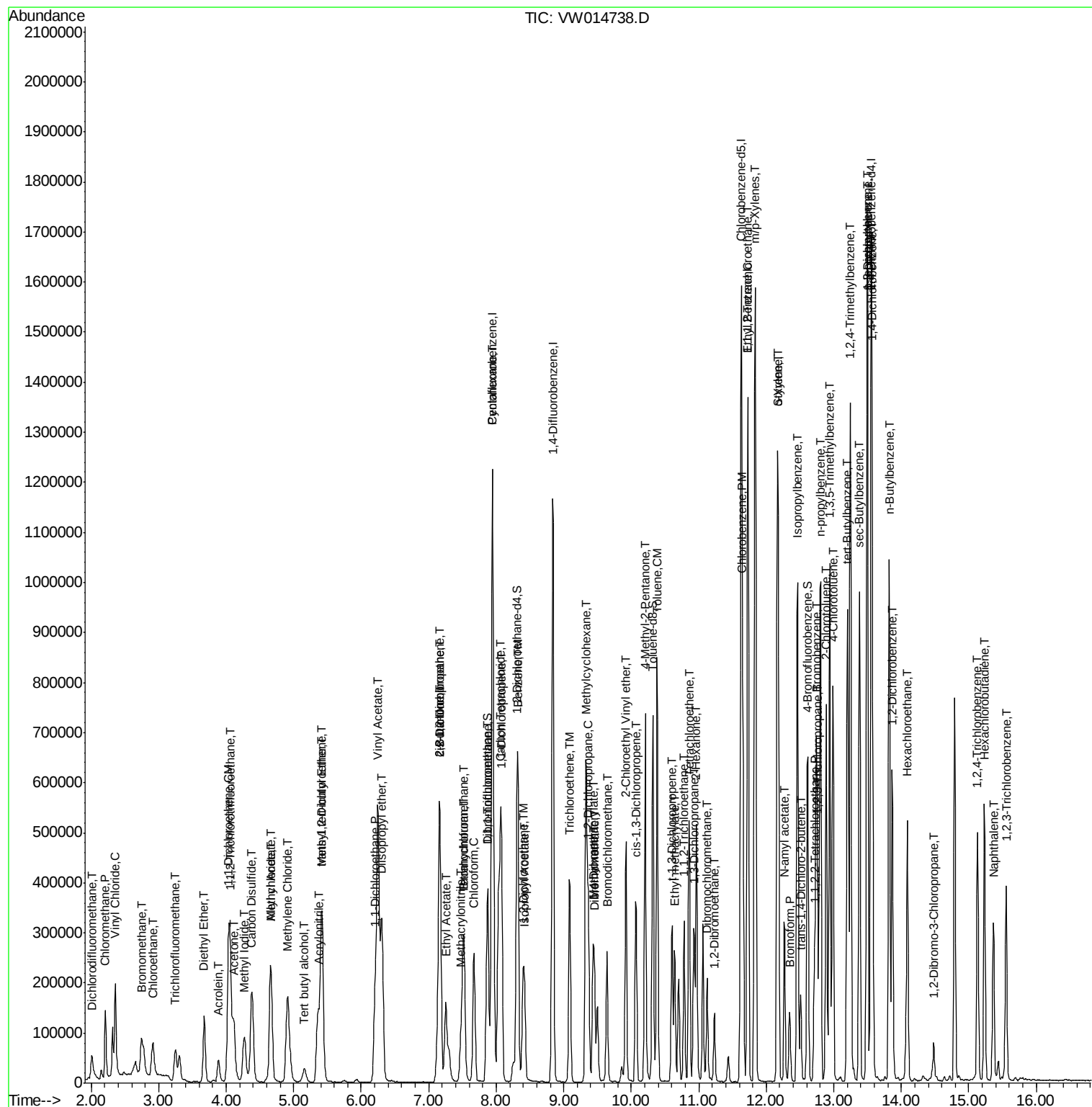
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 164104   | 19.69 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.23 | 225  | 108782   | 19.32 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 278141   | 19.79 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 139606   | 19.25 | ug/l  | 99       |

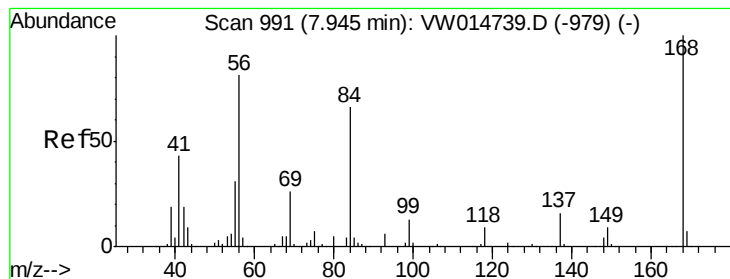
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW012420\  
 Data File : VW014738.D  
 Acq On : 24 Jan 2020 11:25  
 Operator : SY/VA  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

Quant Time: Jan 24 12:39:55 2020  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

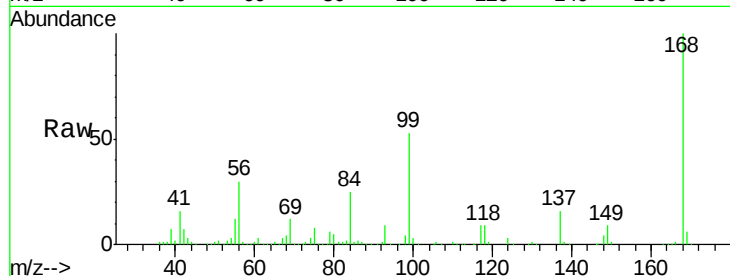
VSTDIC020

Tgt Ion:168 Resp: 643895

Ion Ratio Lower Upper

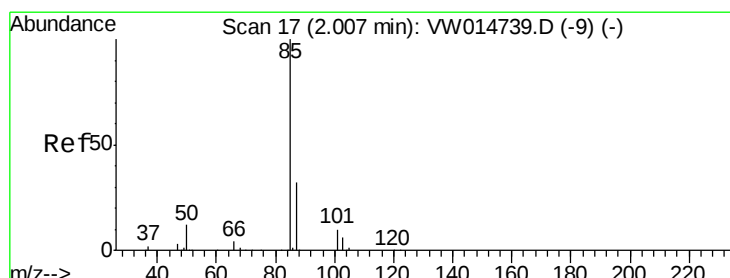
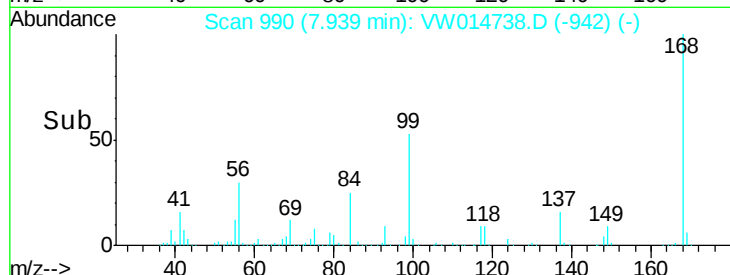
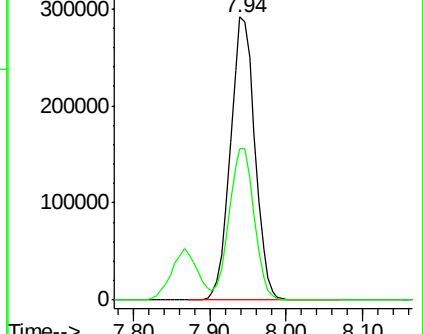
168 100

99 53.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.41 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014738.D

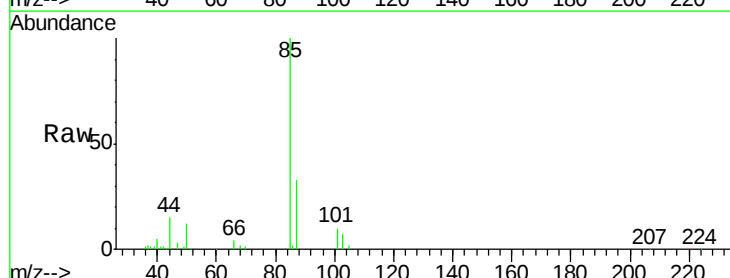
Acq: 24 Jan 2020 11:25

Tgt Ion: 85 Resp: 81464

Ion Ratio Lower Upper

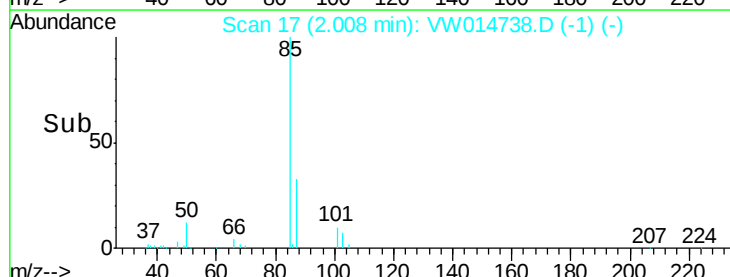
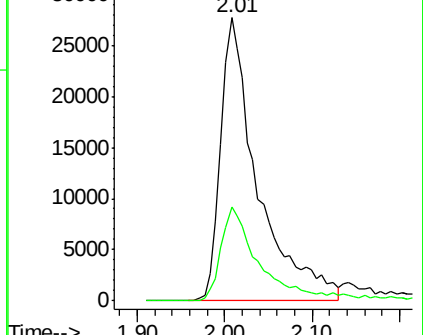
85 100

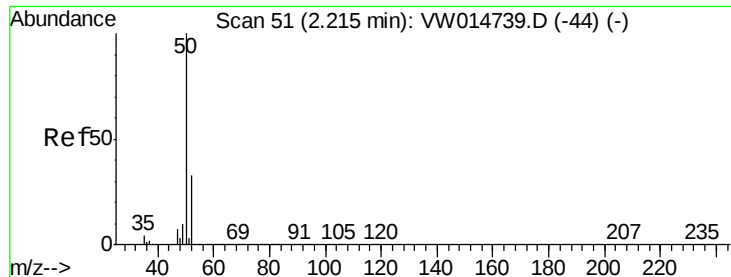
87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 25.47 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

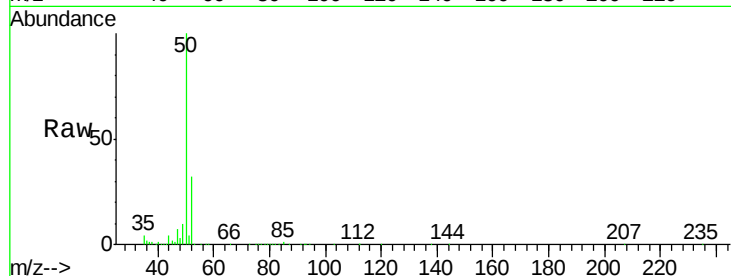
VSTDIC020

Tgt Ion: 50 Resp: 119225

Ion Ratio Lower Upper

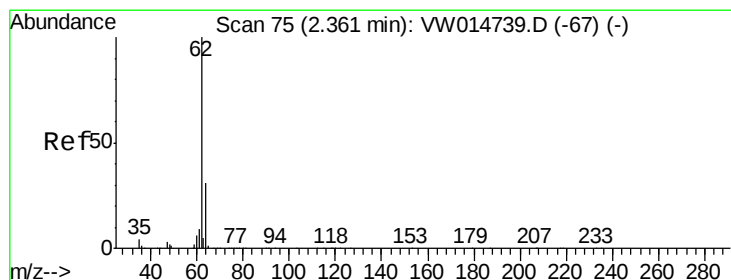
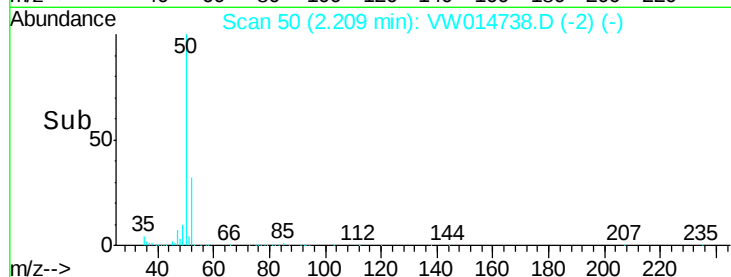
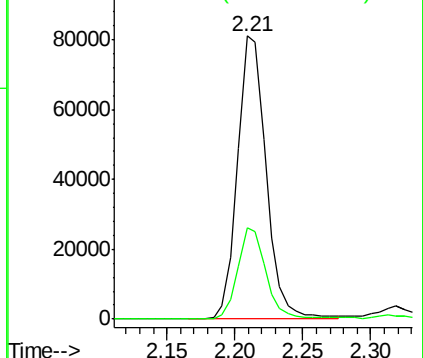
50 100

52 32.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 26.88 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014738.D

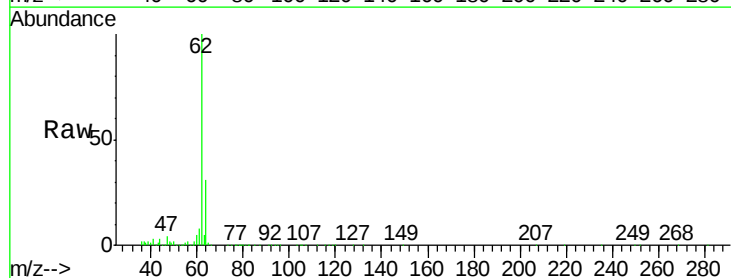
Acq: 24 Jan 2020 11:25

Tgt Ion: 62 Resp: 186336

Ion Ratio Lower Upper

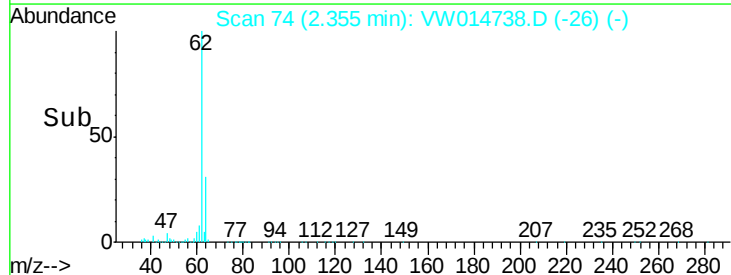
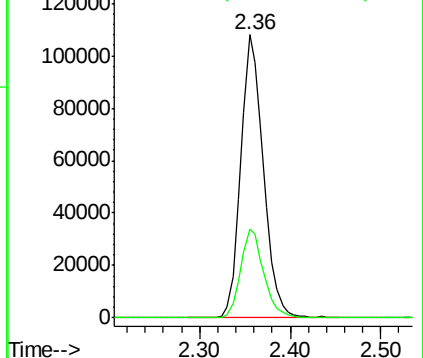
62 100

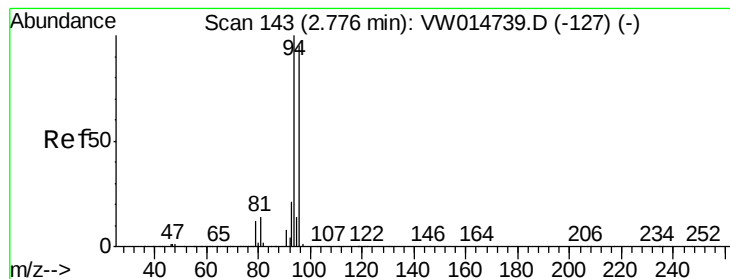
64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.89 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.03 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

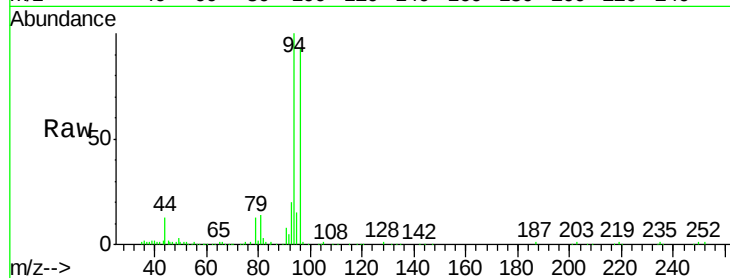
VSTDIC020

Tgt Ion: 94 Resp: 96214

Ion Ratio Lower Upper

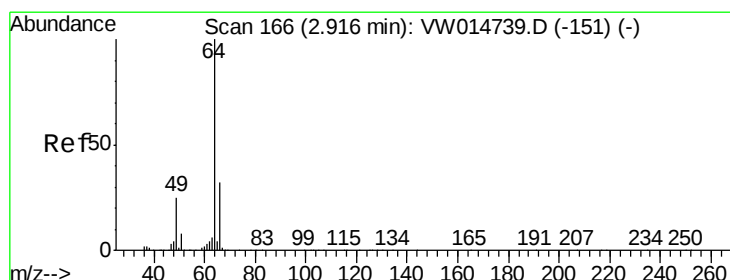
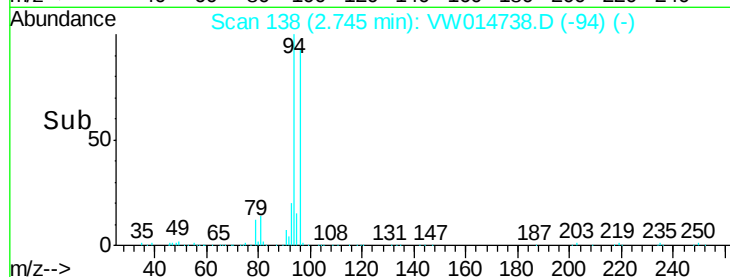
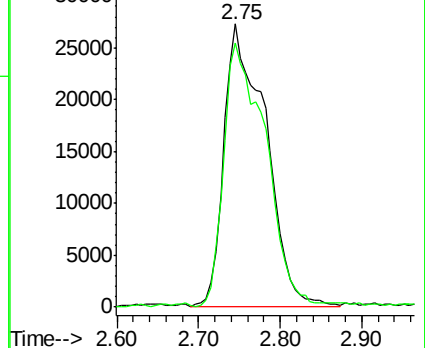
94 100

96 93.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 24.50 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014738.D

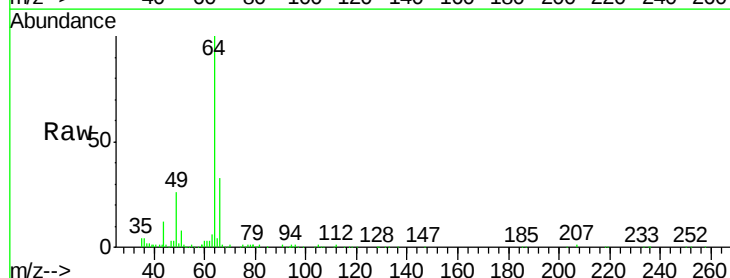
Acq: 24 Jan 2020 11:25

Tgt Ion: 64 Resp: 96222

Ion Ratio Lower Upper

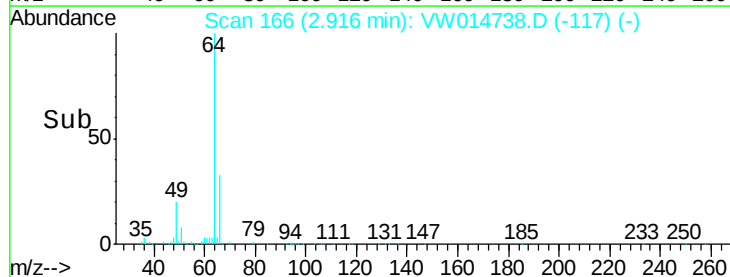
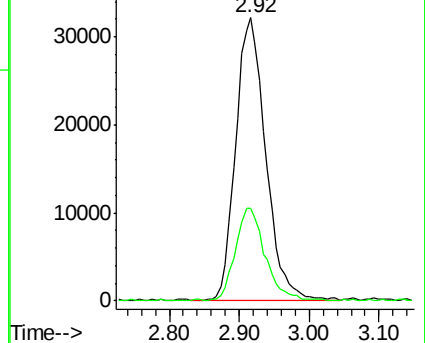
64 100

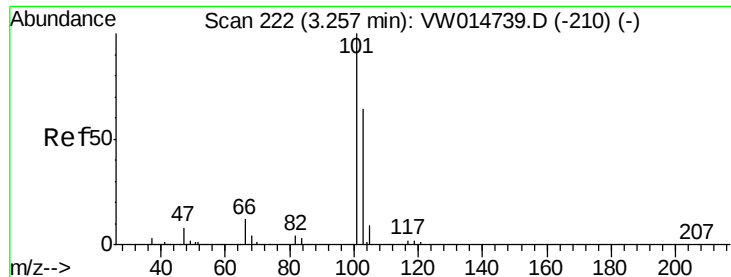
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



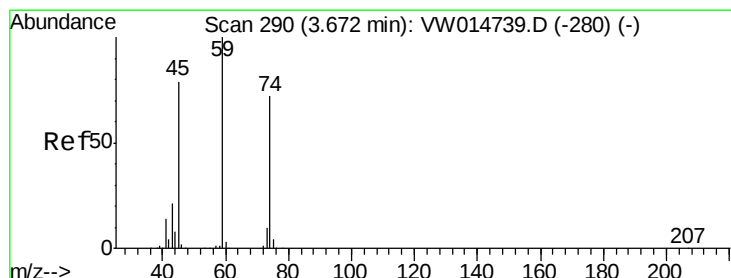
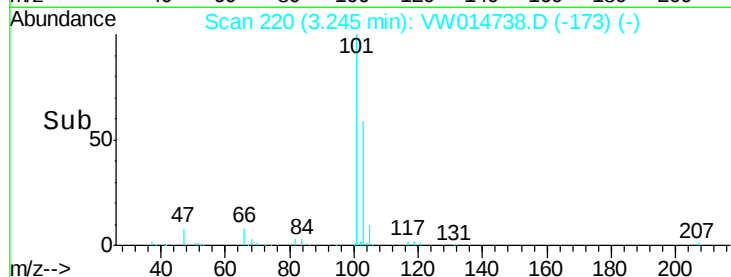
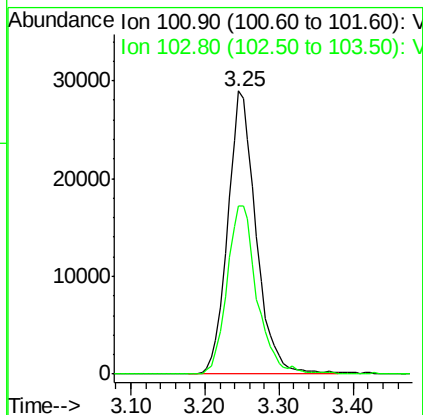
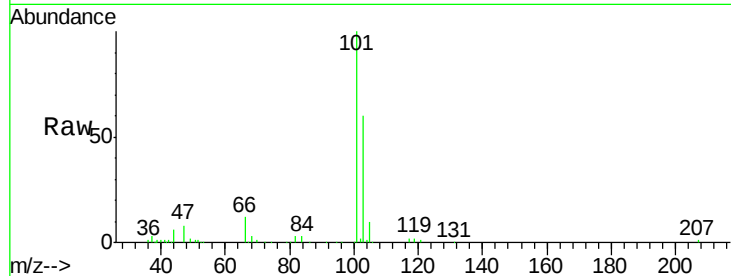


#7

Trichlorofluoromethane  
 Concen: 22.41 ug/l  
 RT: 3.25 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

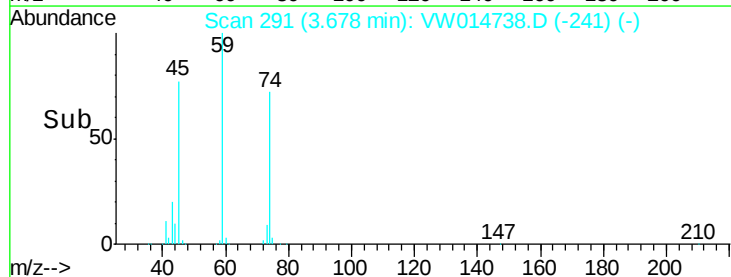
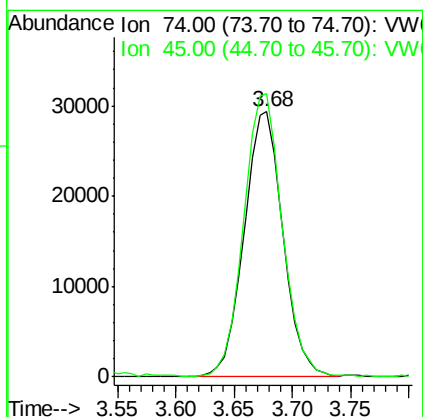
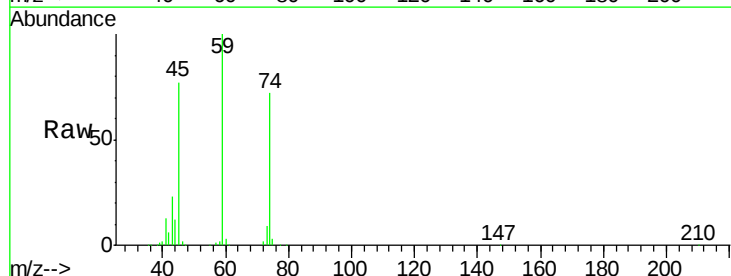
Tgt Ion:101 Resp: 77116  
 Ion Ratio Lower Upper  
 101 100  
 103 59.6 50.8 76.2

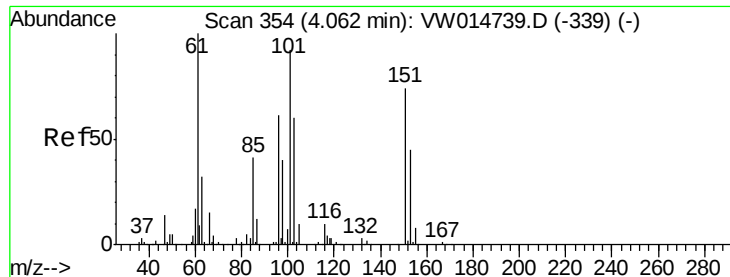


#8

Diethyl Ether  
 Concen: 20.85 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. 0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 74 Resp: 68339  
 Ion Ratio Lower Upper  
 74 100  
 45 106.8 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.22 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

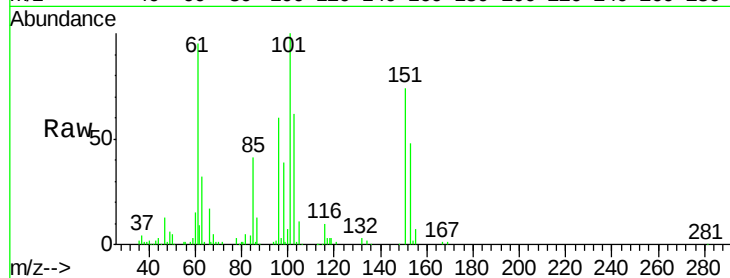
Tgt Ion:101 Resp: 137881

Ion Ratio Lower Upper

101 100

85 43.5 34.4 51.6

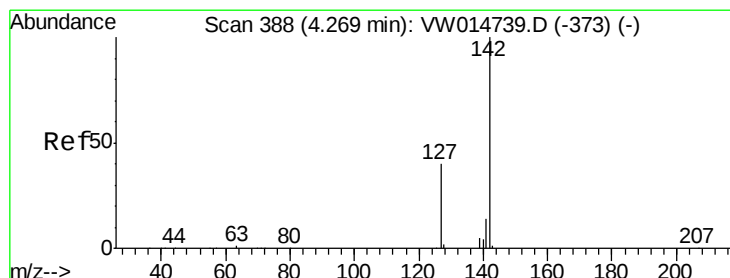
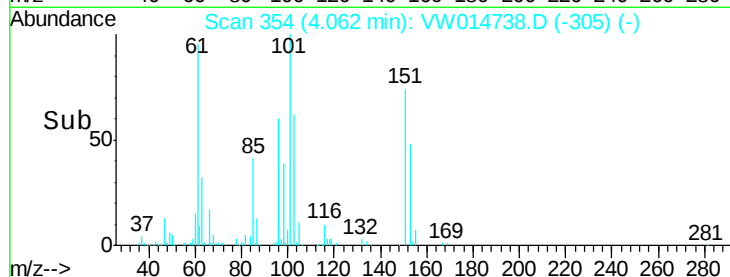
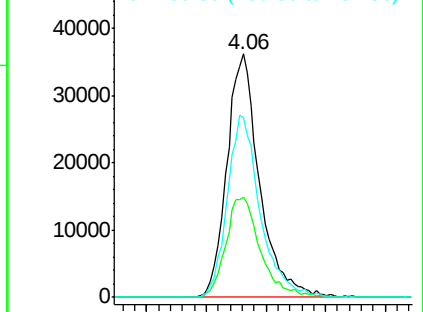
151 75.2 61.5 92.3



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: 19.92 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

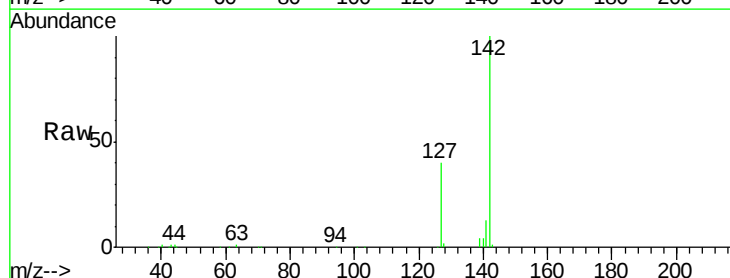
Tgt Ion:142 Resp: 184965

Ion Ratio Lower Upper

142 100

127 41.9 33.2 49.8

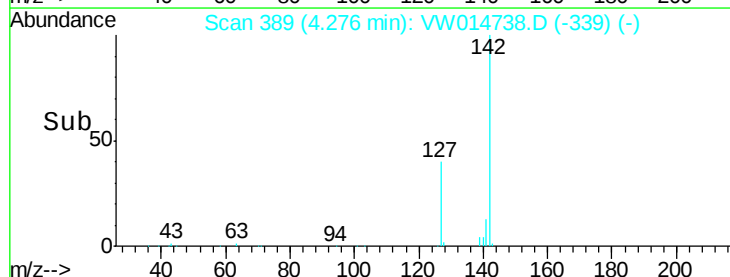
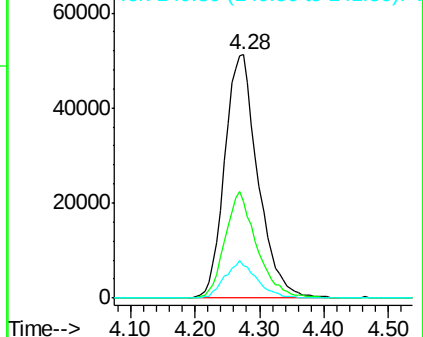
141 14.8 11.8 17.6

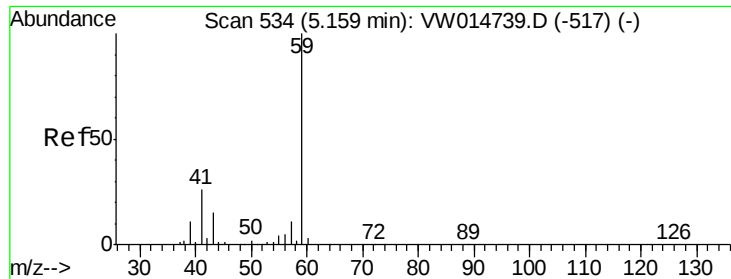


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

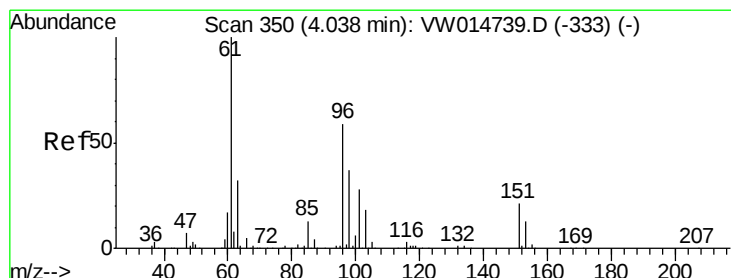
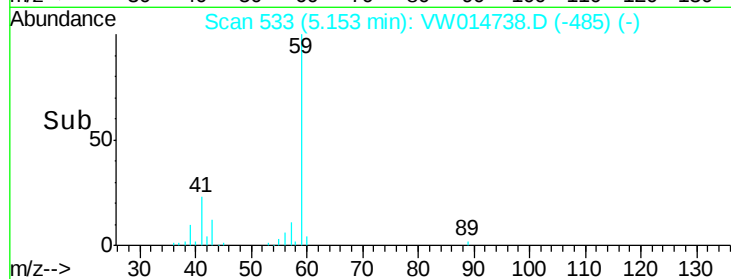
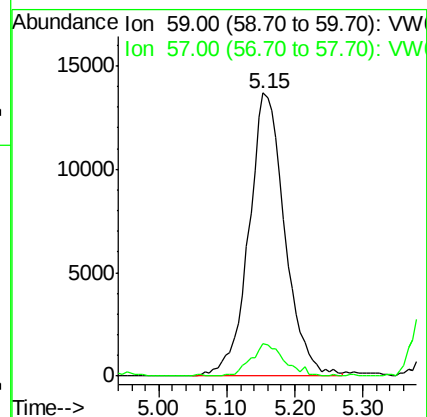
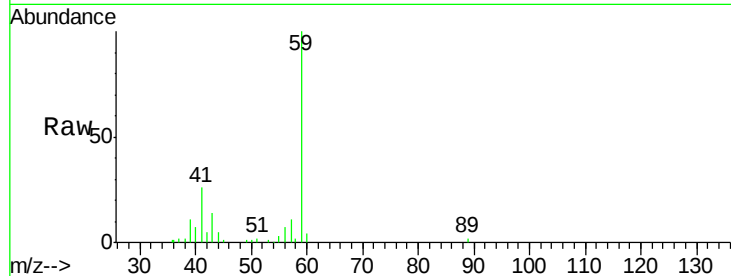




#11  
Tert butyl alcohol  
Concen: 105.23 ug/l  
RT: 5.15 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

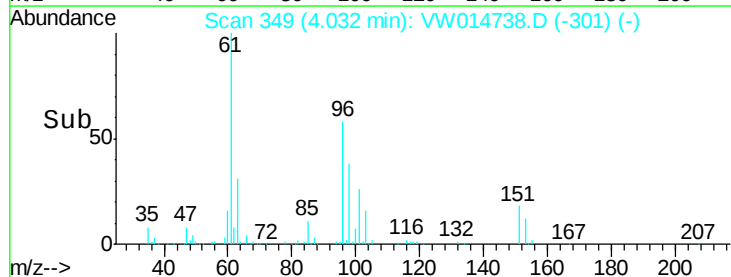
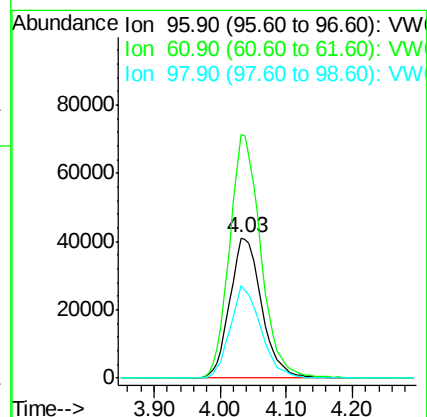
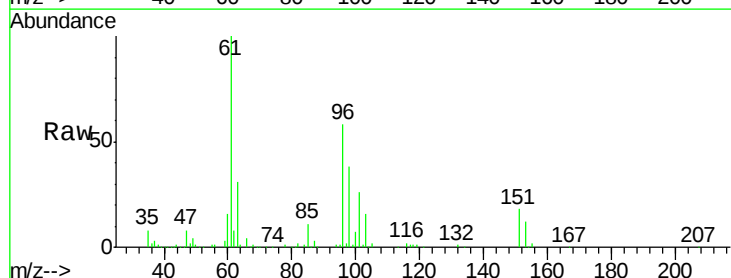
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

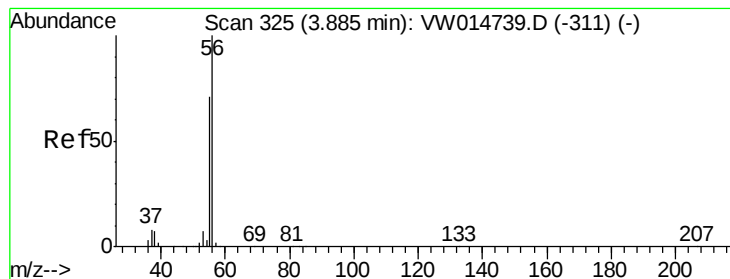
Tgt Ion: 59 Resp: 50359  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 21.15 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 96 Resp: 137325  
Ion Ratio Lower Upper  
96 100  
61 173.5 136.3 204.5  
98 65.6 51.0 76.6





#13

Acrolein

Concen: 120.43 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

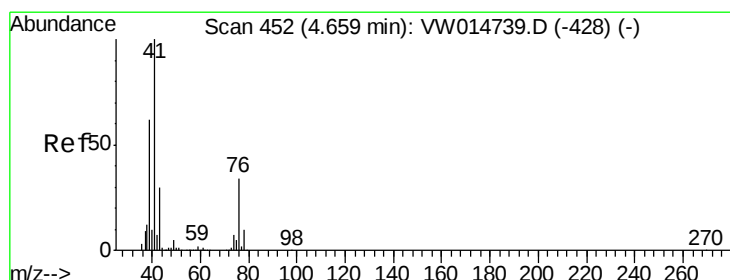
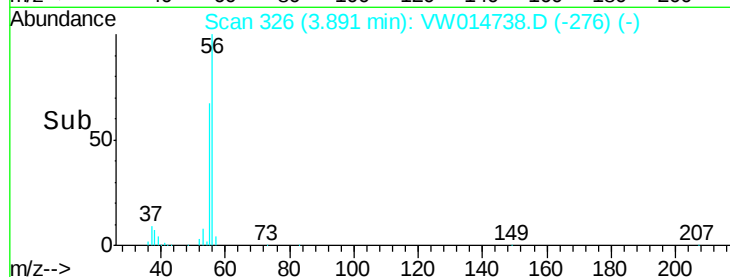
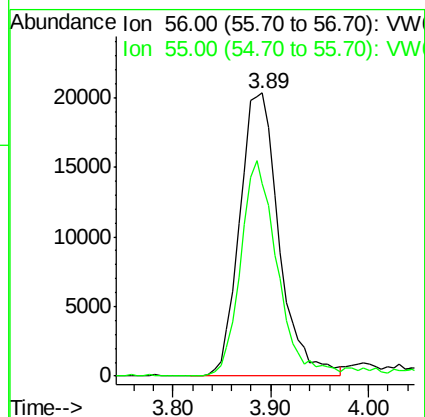
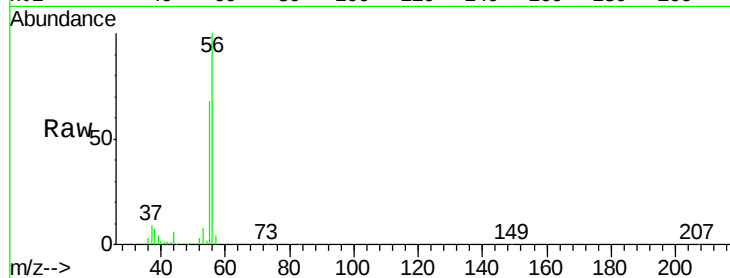
VSTDIC020

Tgt Ion: 56 Resp: 56763

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 22.05 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

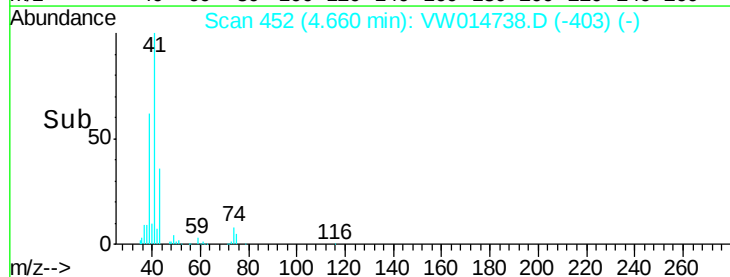
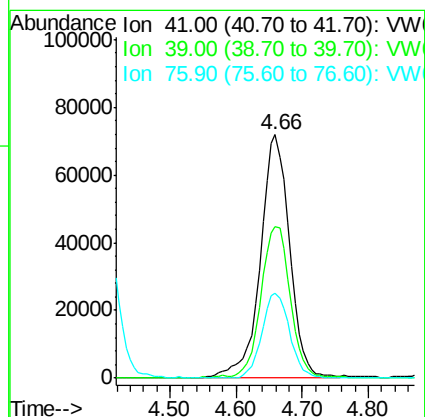
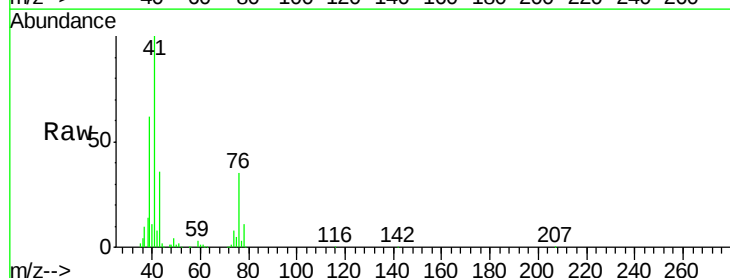
Tgt Ion: 41 Resp: 221775

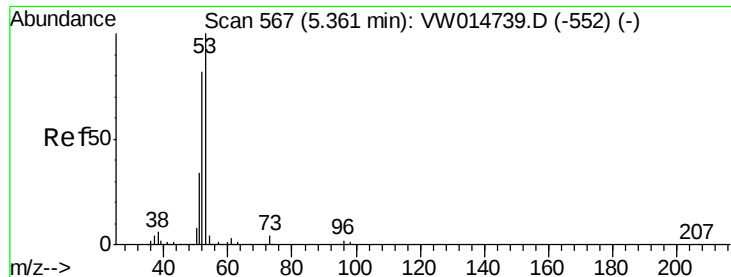
Ion Ratio Lower Upper

41 100

39 60.7 50.0 75.0

76 33.0 26.7 40.1





#15

Acrylonitrile

Concen: 119.11 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

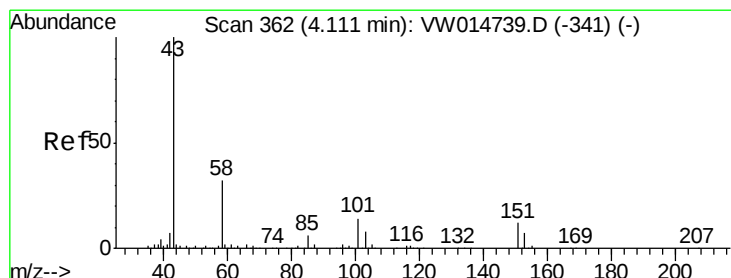
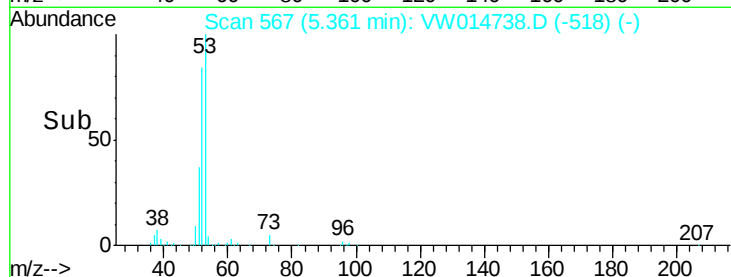
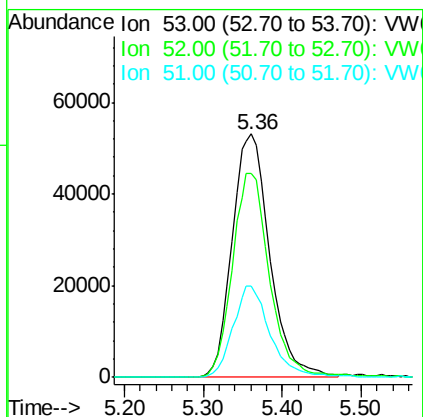
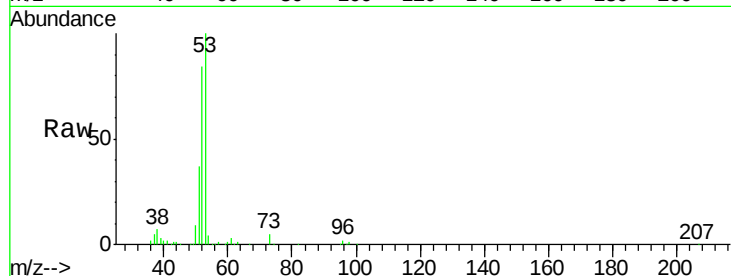
Tgt Ion: 53 Resp: 176338

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

51 37.2 28.6 43.0



#16

Acetone

Concen: 102.27 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014738.D

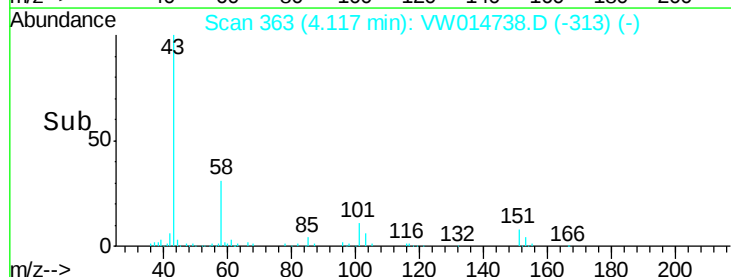
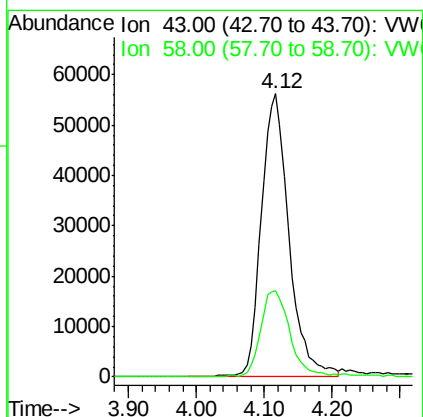
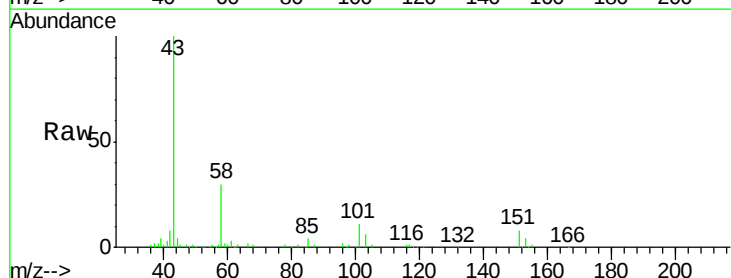
Acq: 24 Jan 2020 11:25

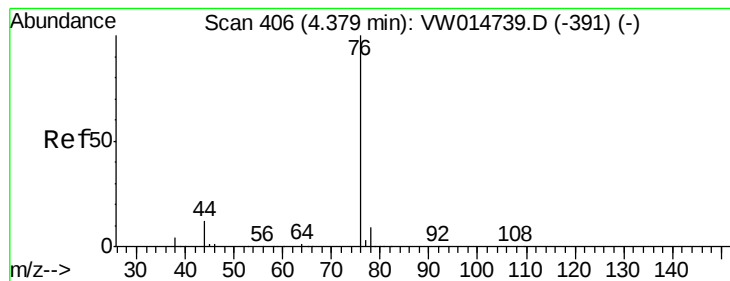
Tgt Ion: 43 Resp: 160087

Ion Ratio Lower Upper

43 100

58 30.5 25.6 38.4





#17

Carbon Disulfide

Concen: 22.12 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampled :

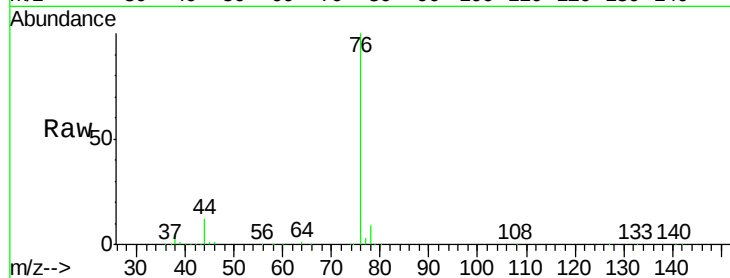
VSTDIC020

Tgt Ion: 76 Resp: 437017

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

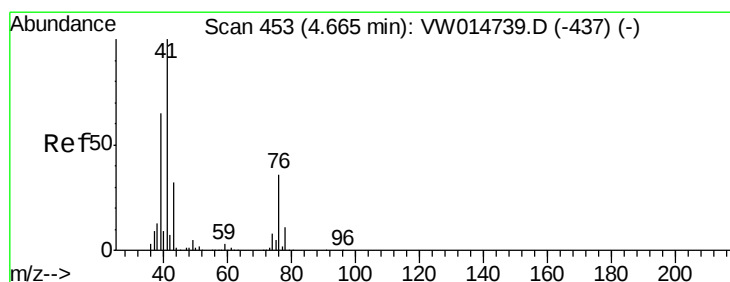
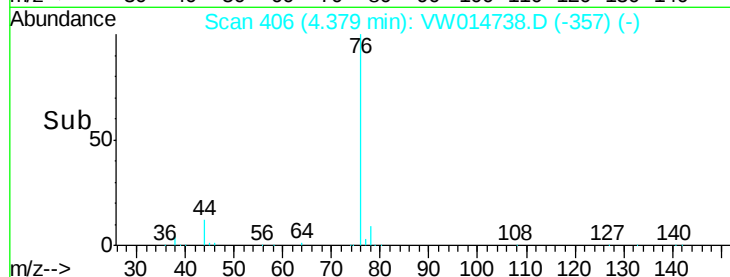
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.18 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014738.D

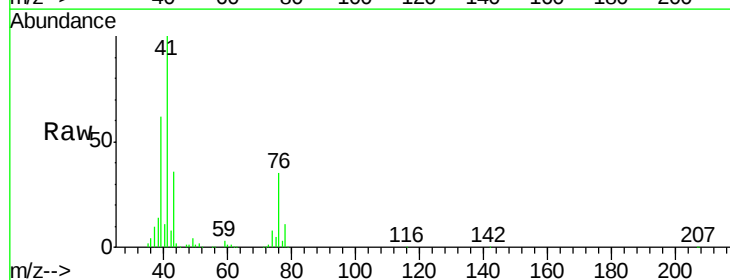
Acq: 24 Jan 2020 11:25

Tgt Ion: 43 Resp: 79053

Ion Ratio Lower Upper

43 100

74 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

30000

25000

20000

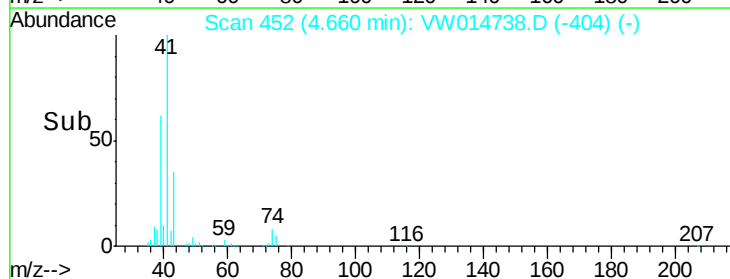
15000

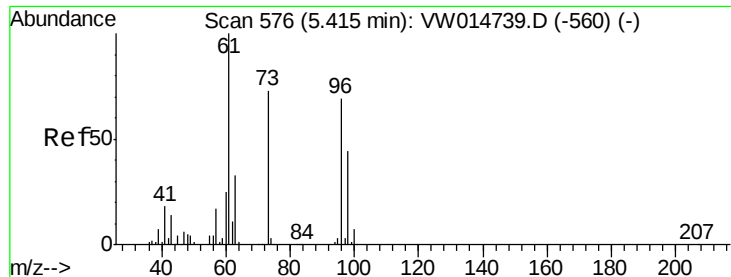
10000

5000

0

Time-->

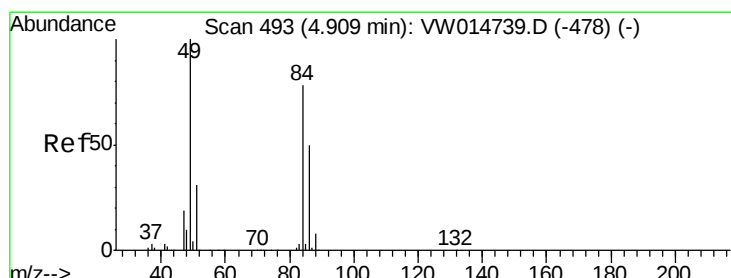
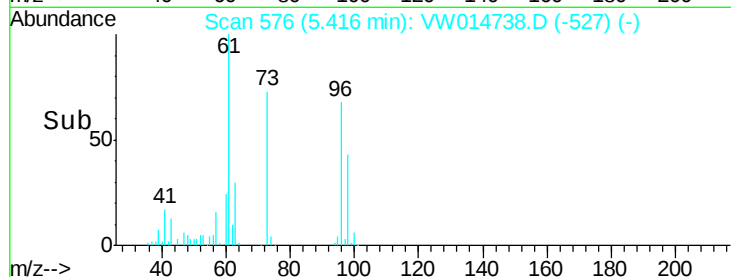
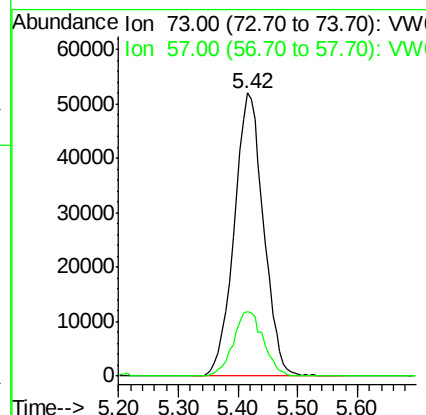
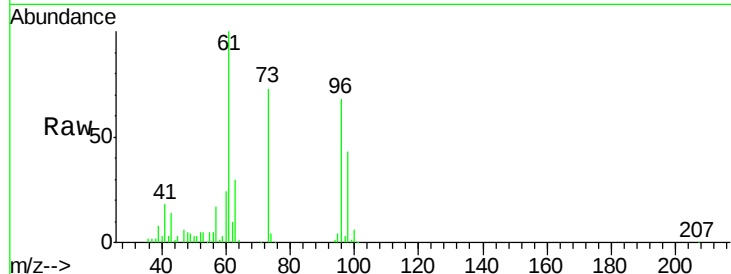




#19  
Methyl tert-butyl Ether  
Concen: 22.09 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

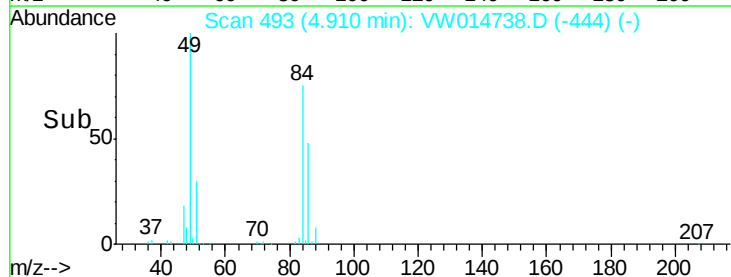
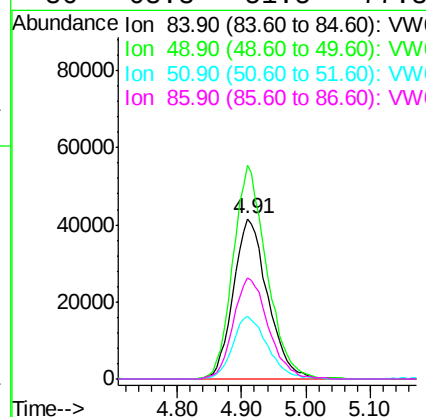
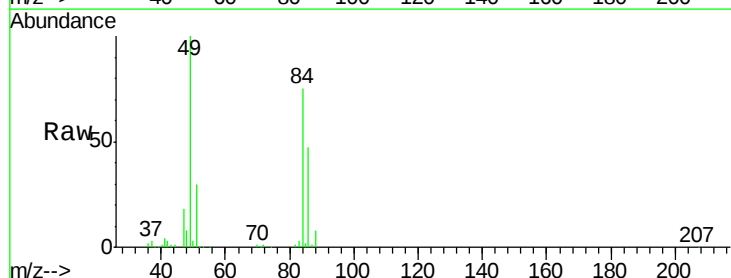
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

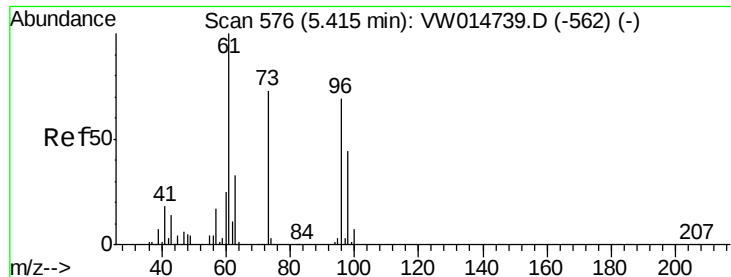
Tgt Ion: 73 Resp: 177738  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.5 27.7



#20  
Methylene Chloride  
Concen: 20.62 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 84 Resp: 154118  
Ion Ratio Lower Upper  
84 100  
49 133.3 103.1 154.7  
51 39.4 32.1 48.1  
86 63.3 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

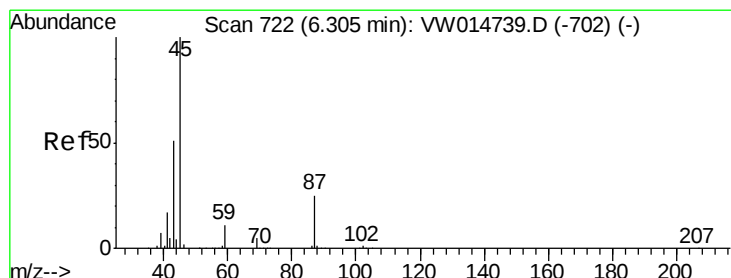
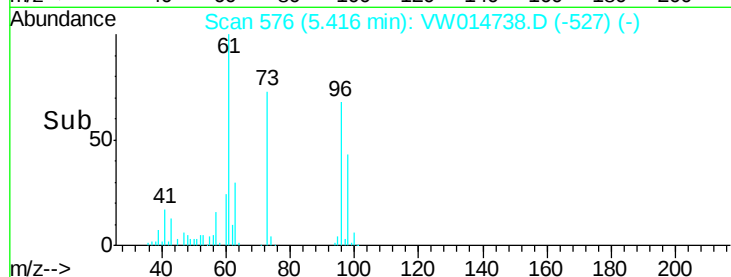
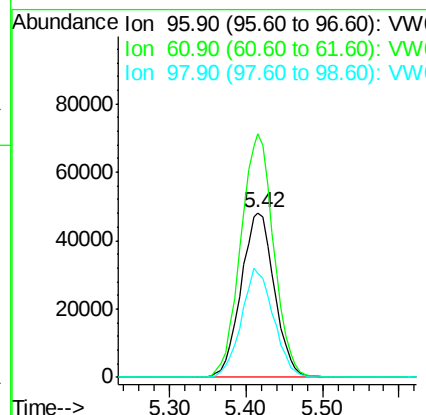
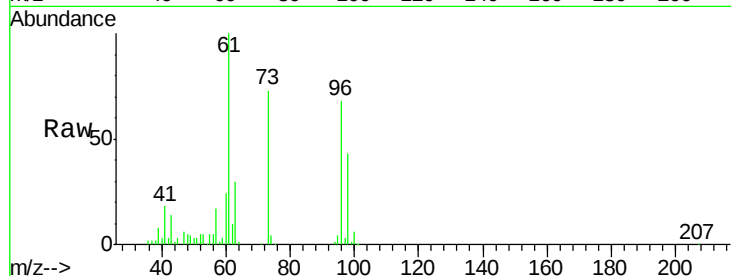
Tgt Ion: 96 Resp: 145406

Ion Ratio Lower Upper

96 100

61 148.1 116.1 174.1

98 63.0 51.6 77.4



#22

Diisopropyl ether

Concen: 22.90 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Tgt Ion: 45 Resp: 431216

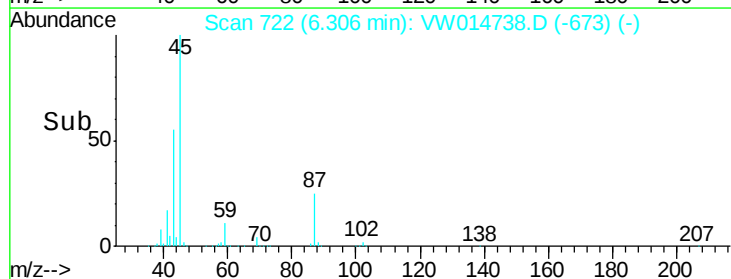
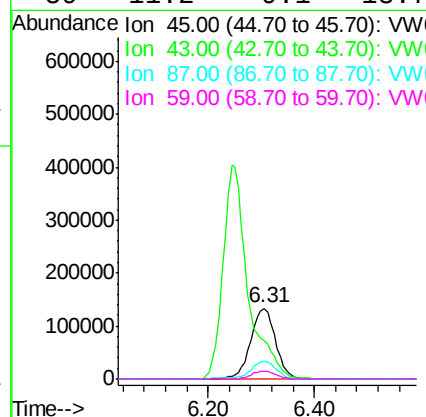
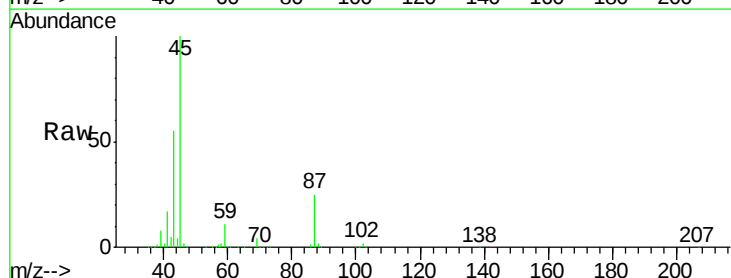
Ion Ratio Lower Upper

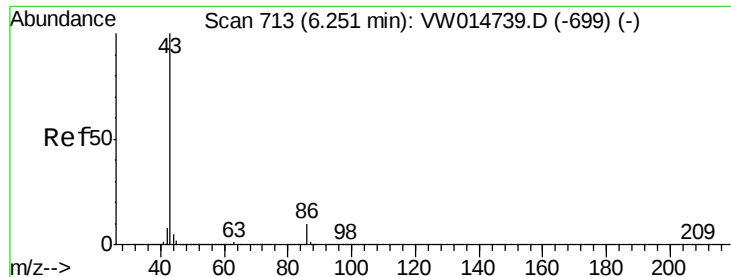
45 100

43 54.8 40.9 61.3

87 25.2 20.3 30.5

59 11.2 9.1 13.7





#23

Vinyl Acetate

Concen: 117.49 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

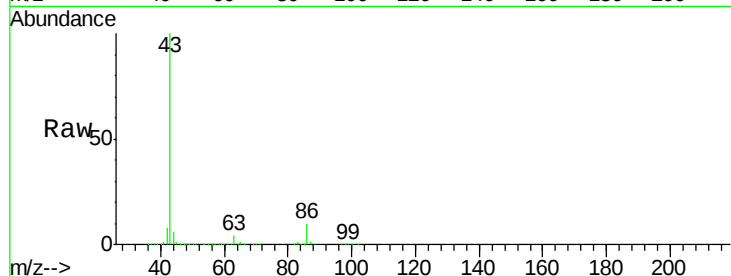
VSTDIC020

Tgt Ion: 43 Resp: 1318084

Ion Ratio Lower Upper

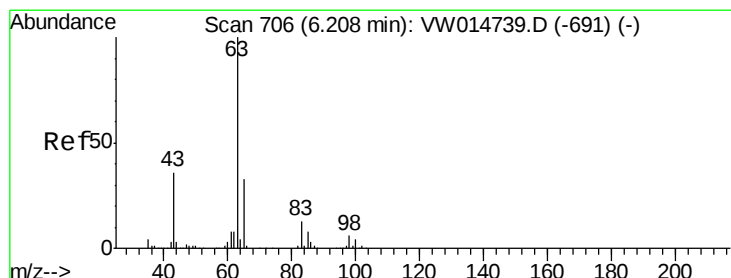
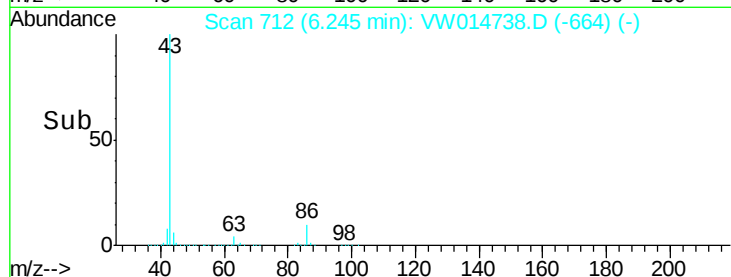
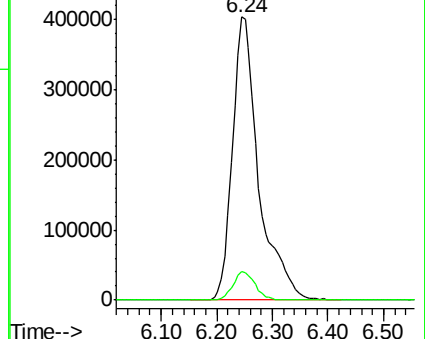
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.28 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

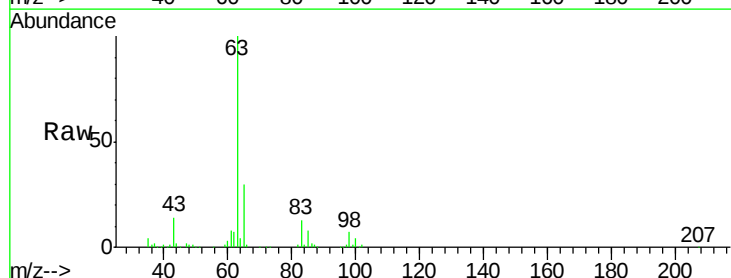
Tgt Ion: 63 Resp: 263106

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

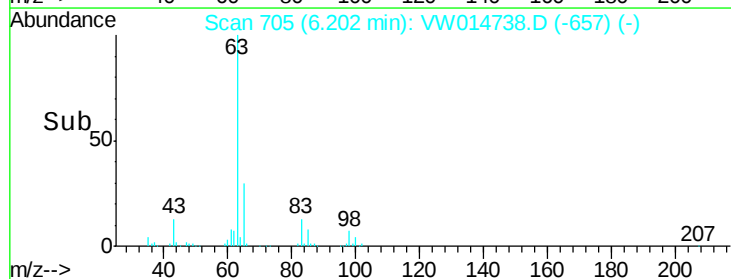
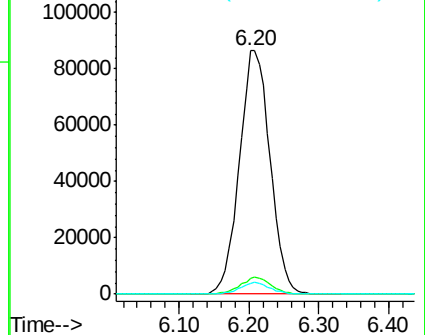
100 4.2 2.1 6.5

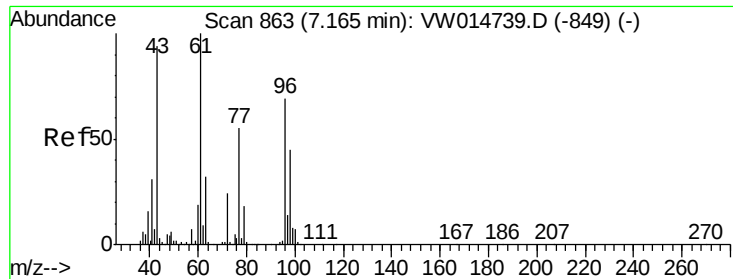


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

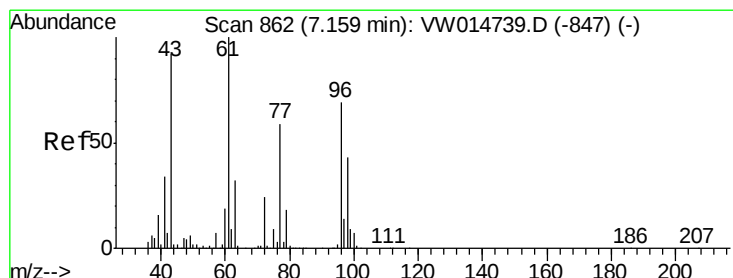
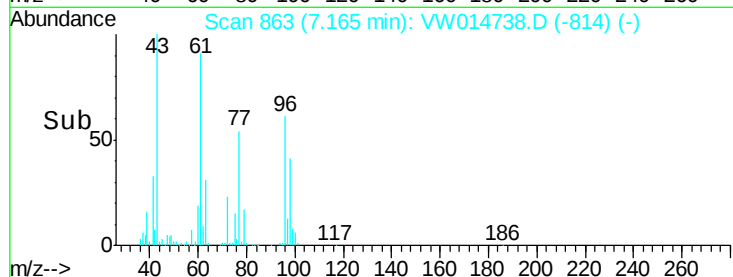
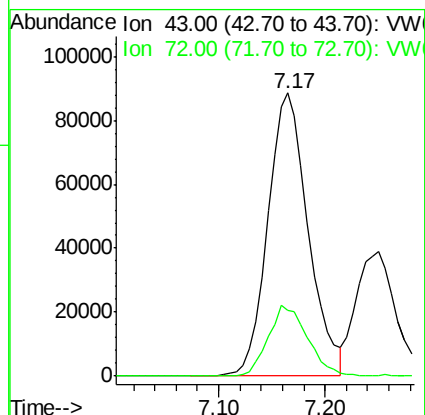
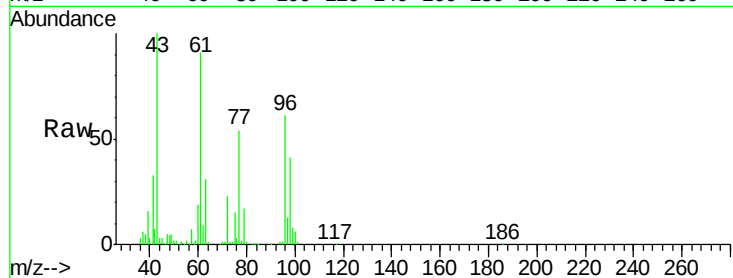




#25  
 2-Butanone  
 Concen: 115.64 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

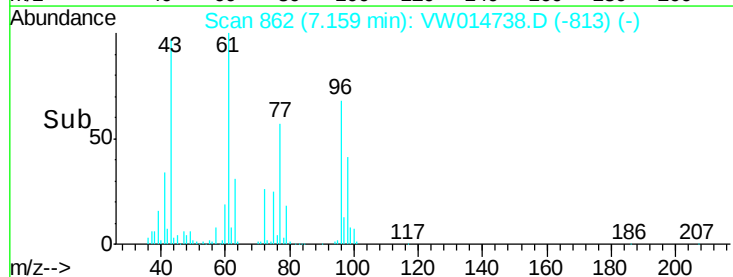
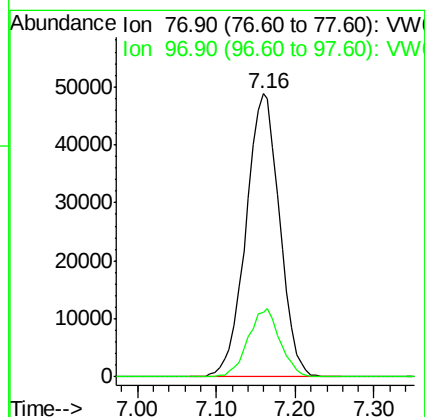
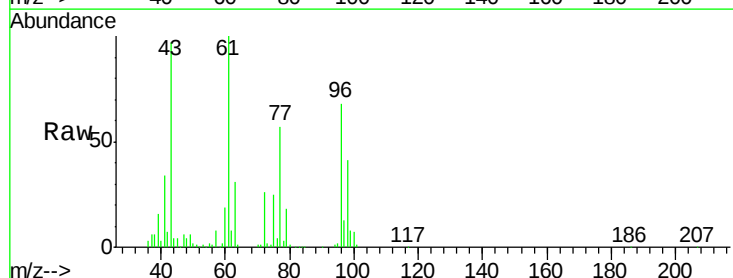
Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC020

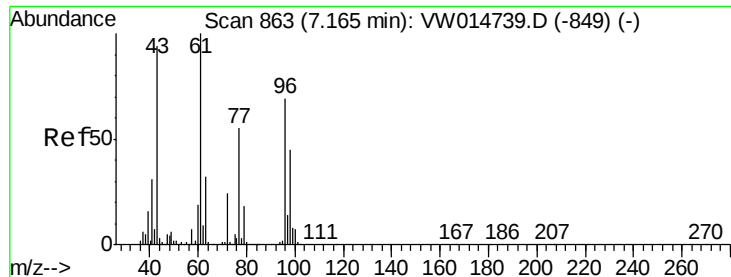
Tgt Ion: 43 Resp: 232592  
 Ion Ratio Lower Upper  
 43 100  
 72 23.2 20.2 30.4



#26  
 2,2-Dichloropropane  
 Concen: 22.07 ug/l  
 RT: 7.16 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 77 Resp: 144430  
 Ion Ratio Lower Upper  
 77 100  
 97 22.8 11.9 35.9



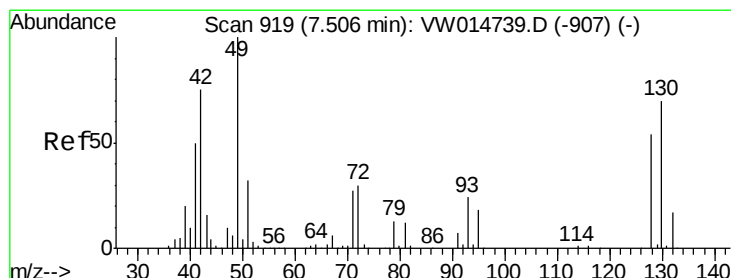
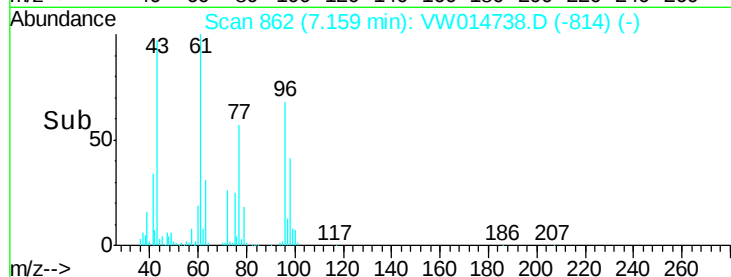
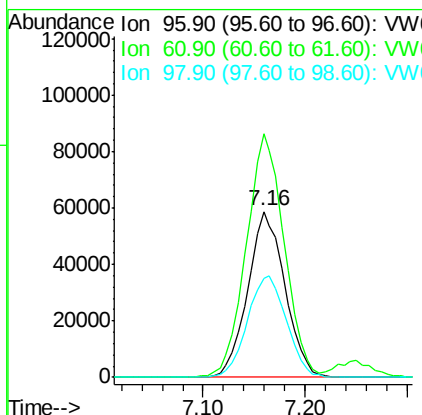
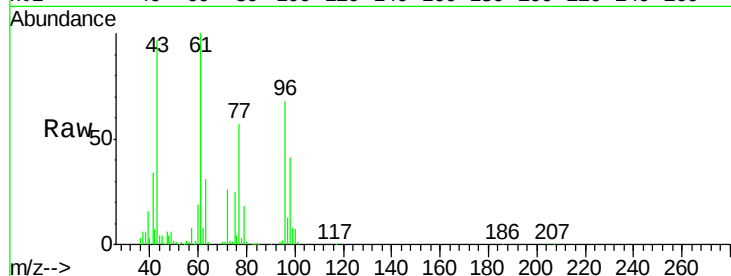


#27

cis-1,2-Dichloroethene  
Concen: 20.59 ug/l  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

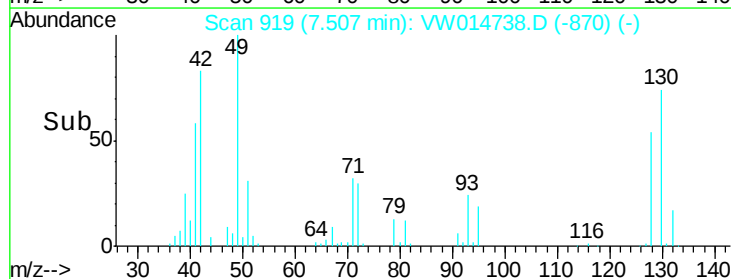
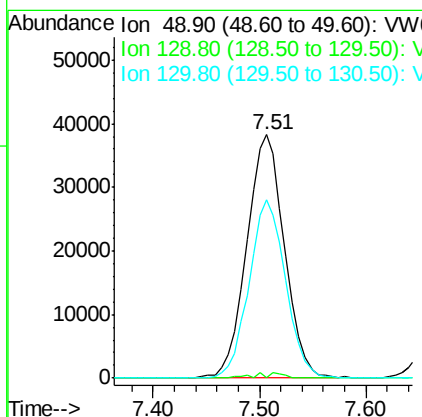
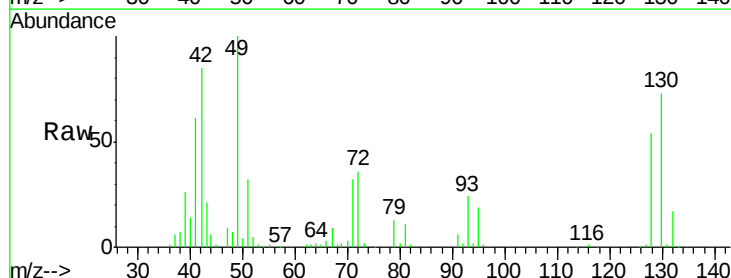
Tgt Ion: 96 Resp: 148880  
Ion Ratio Lower Upper  
96 100  
61 149.9 0.0 292.2  
98 64.3 0.0 127.6

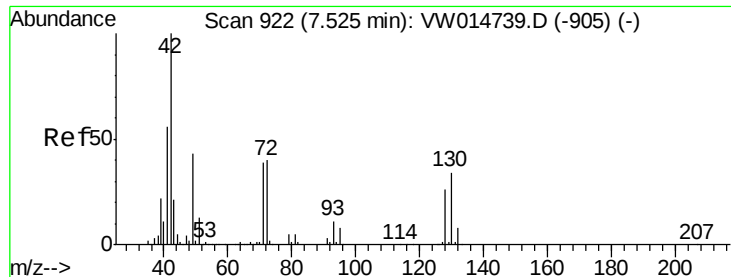


#28

Bromochloromethane  
Concen: 20.66 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 49 Resp: 94749  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 2.6  
130 71.2 56.7 85.1

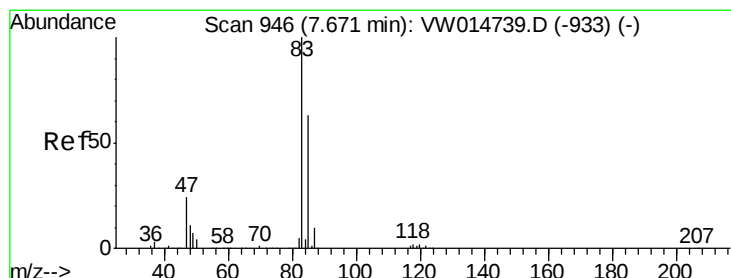
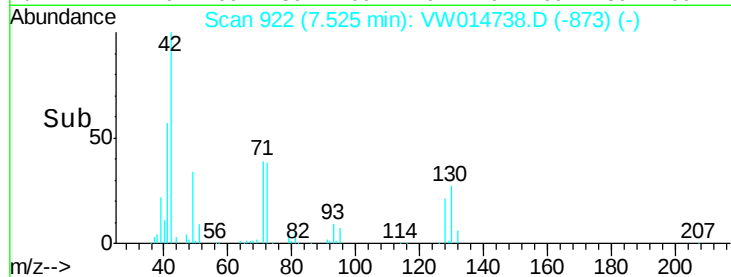
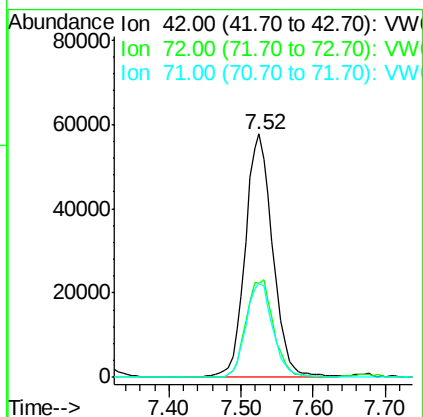
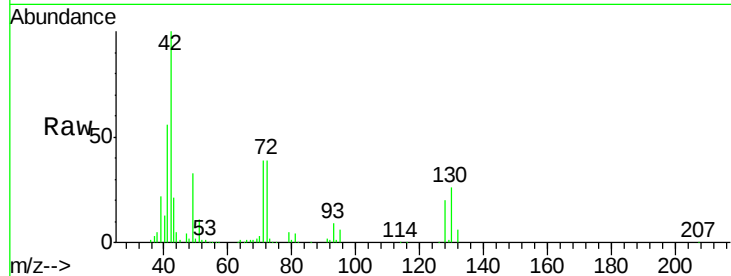




#29  
Tetrahydrofuran  
Concen: 122.08 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

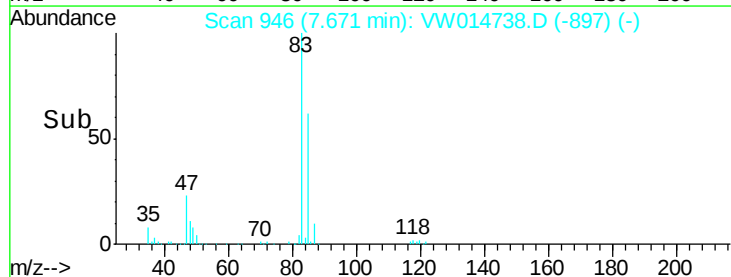
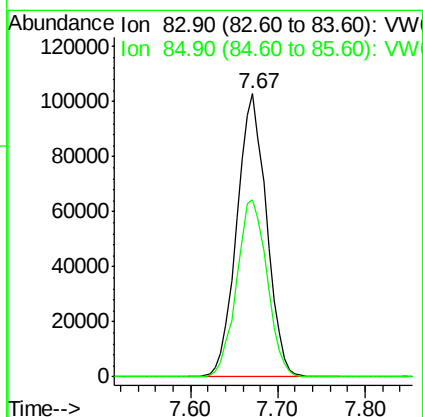
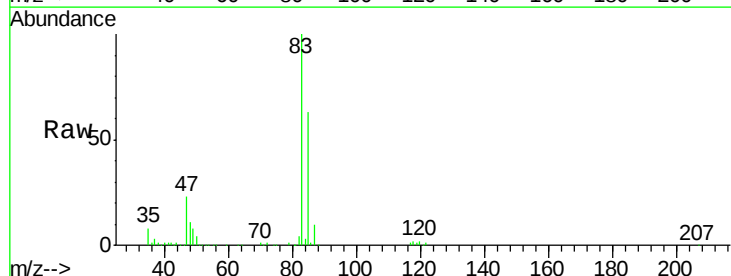
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

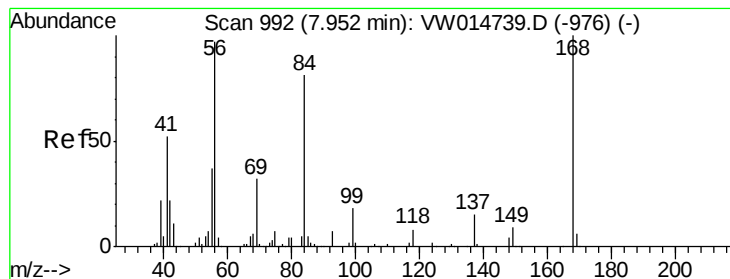
Tgt Ion: 42 Resp: 152935  
Ion Ratio Lower Upper  
42 100  
72 40.5 32.3 48.5  
71 37.7 31.0 46.4



#30  
Chloroform  
Concen: 22.00 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 83 Resp: 242574  
Ion Ratio Lower Upper  
83 100  
85 62.5 50.1 75.1





#31

Cyclohexane

Concen: 21.73 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

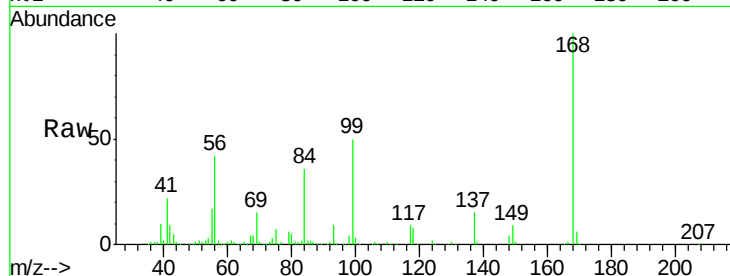
Tgt Ion: 56 Resp: 265934

Ion Ratio Lower Upper

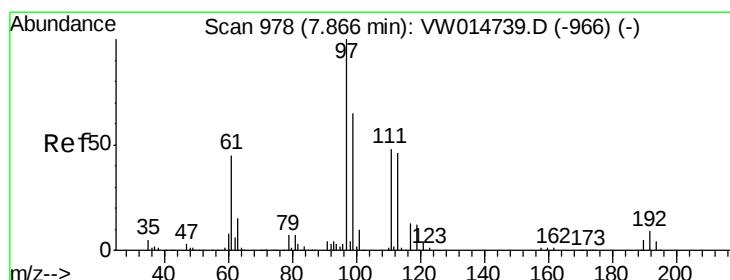
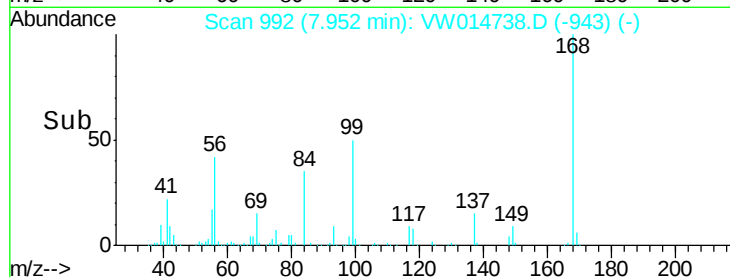
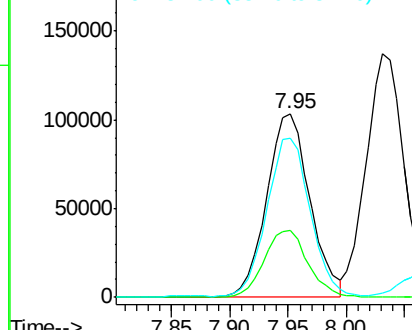
56 100

69 36.3 26.0 39.0

84 85.7 66.6 99.8



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: 22.22 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

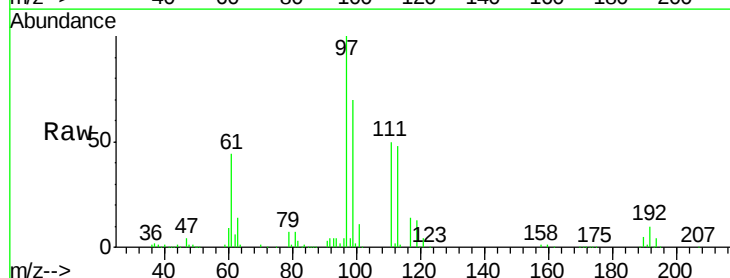
Tgt Ion: 97 Resp: 196847

Ion Ratio Lower Upper

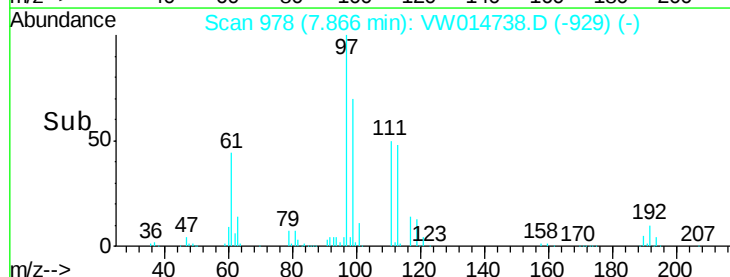
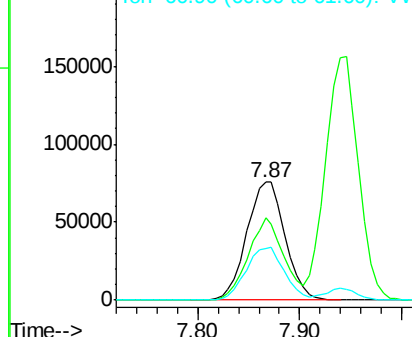
97 100

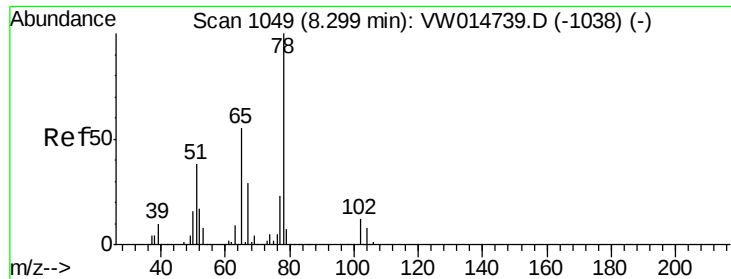
99 65.2 52.2 78.4

61 45.0 36.2 54.4



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: 23.01 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

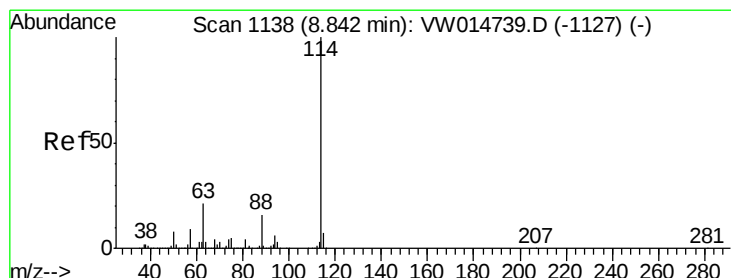
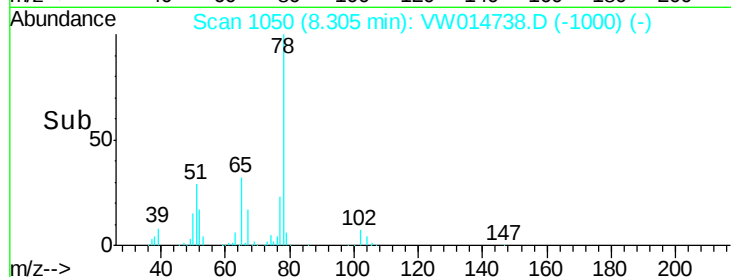
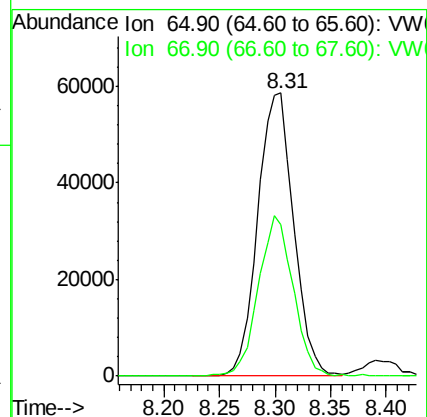
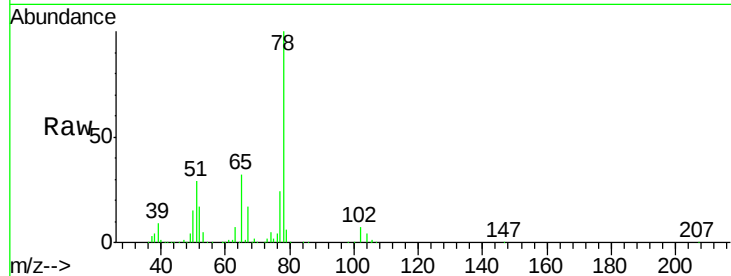
VSTDIC020

Tgt Ion: 65 Resp: 131980

Ion Ratio Lower Upper

65 100

67 55.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

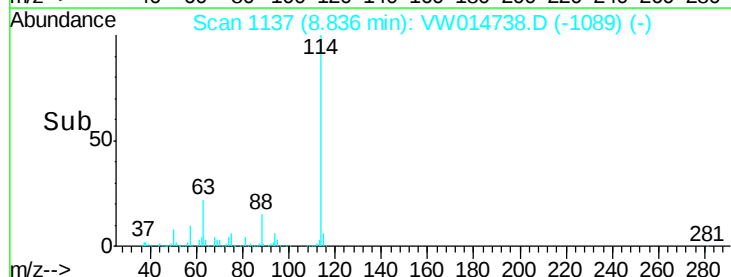
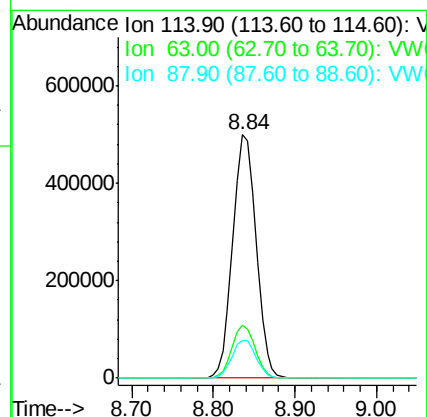
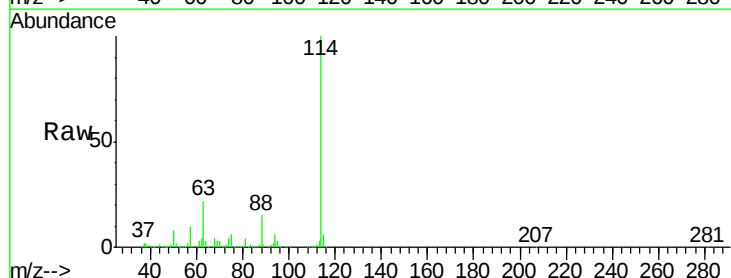
Tgt Ion: 114 Resp: 988003

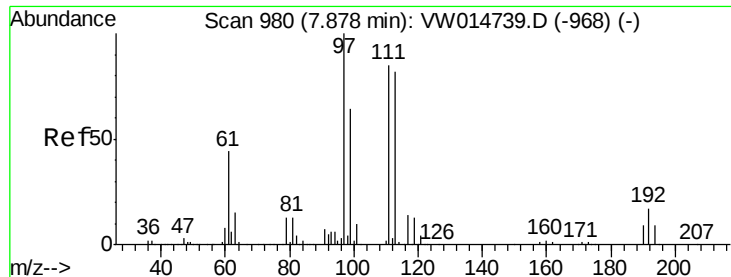
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.2

88 15.4 0.0 32.2

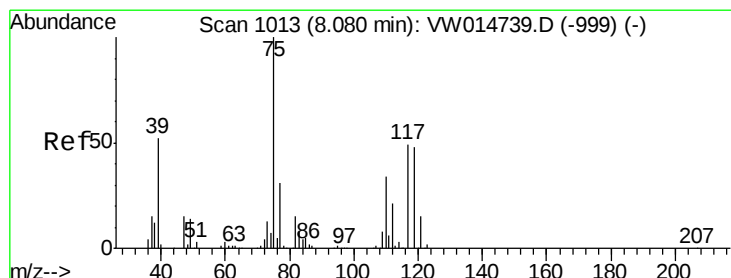
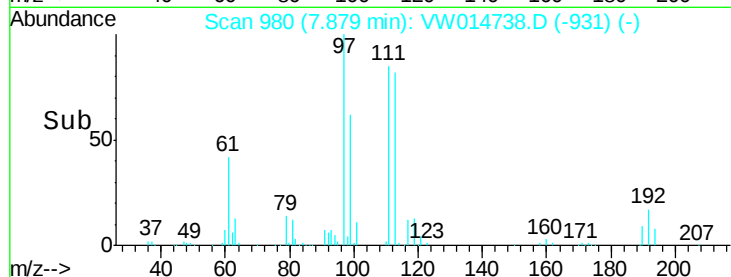
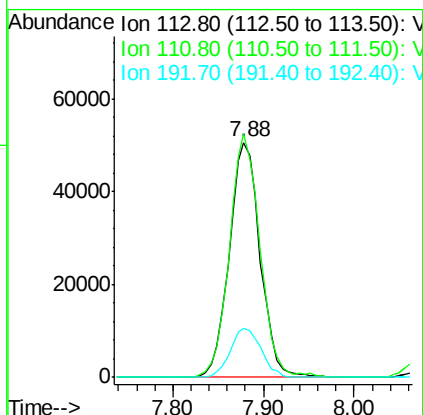
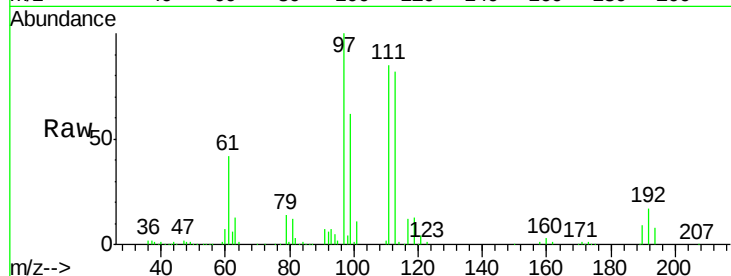




#35  
 Dibromofluoromethane  
 Concen: 21.11 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

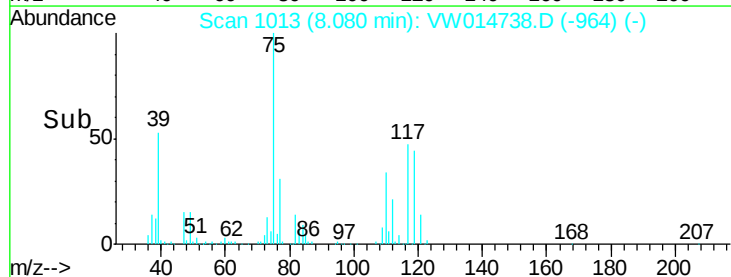
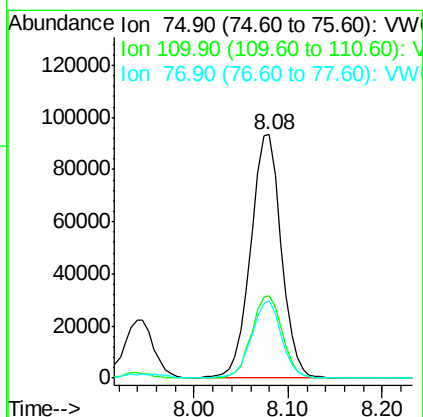
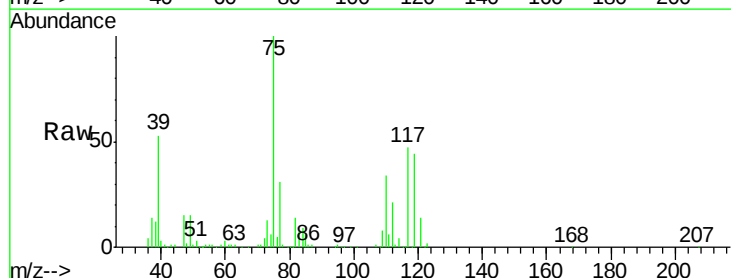
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

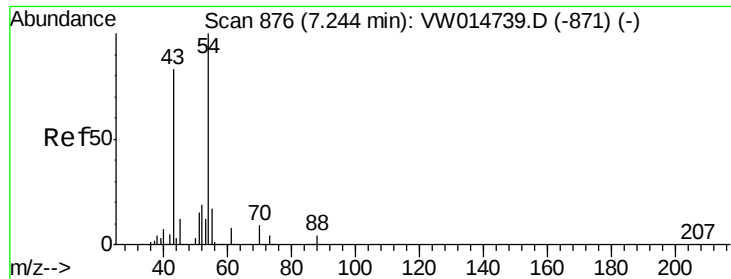
Tgt Ion: 113 Resp: 120293  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 82.2 123.2  
 192 20.9 17.0 25.6



#36  
 1,1-Dichloropropene  
 Concen: 21.95 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 75 Resp: 212153  
 Ion Ratio Lower Upper  
 75 100  
 110 33.9 17.1 51.2  
 77 31.1 24.8 37.2

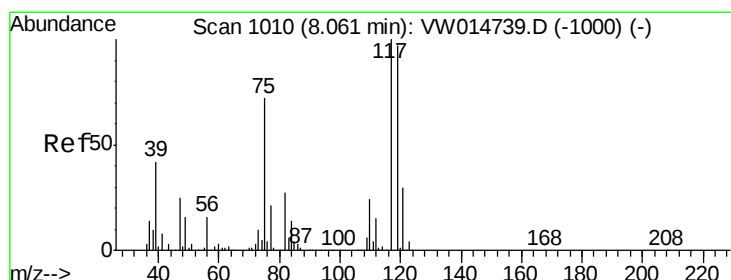
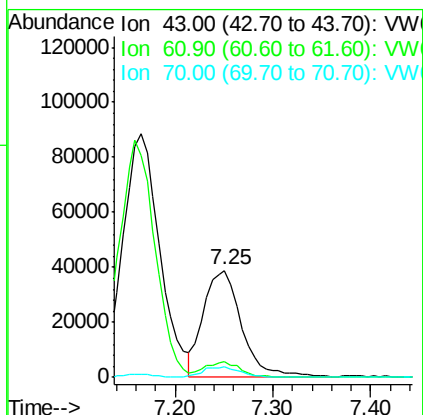
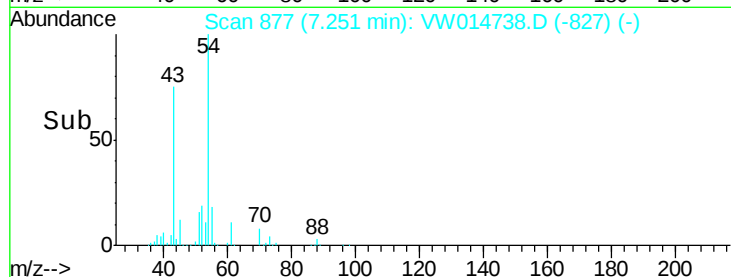
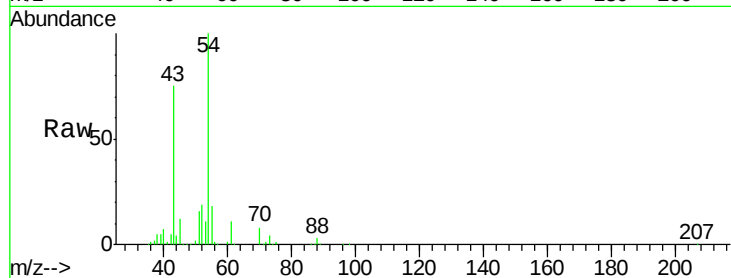




#37  
Ethyl Acetate  
Concen: 24.12 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. 0.01 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

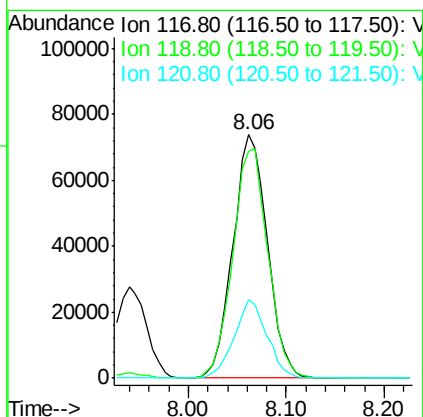
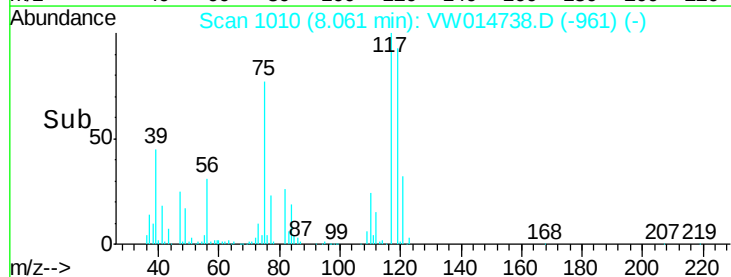
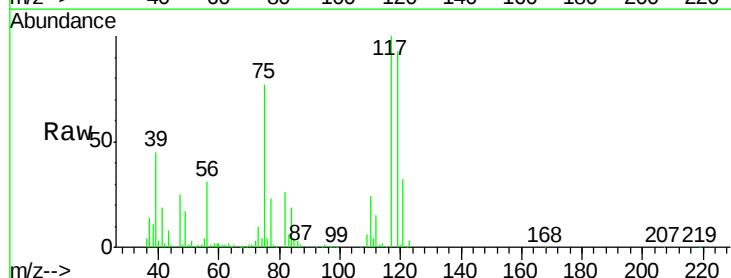
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC020

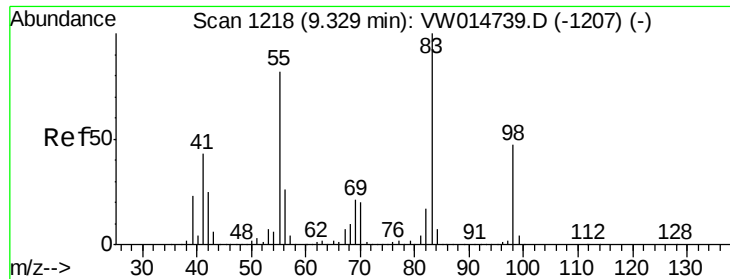
Tgt Ion: 43 Resp: 103115  
Ion Ratio Lower Upper  
43 100  
61 13.5 10.7 16.1  
70 10.2 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 21.55 ug/l  
RT: 8.06 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 117 Resp: 180567  
Ion Ratio Lower Upper  
117 100  
119 93.1 77.5 116.3  
121 32.3 24.3 36.5

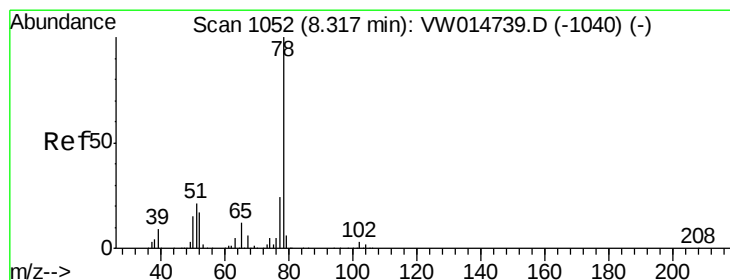
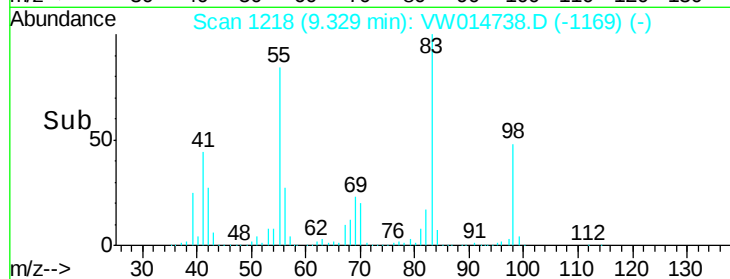
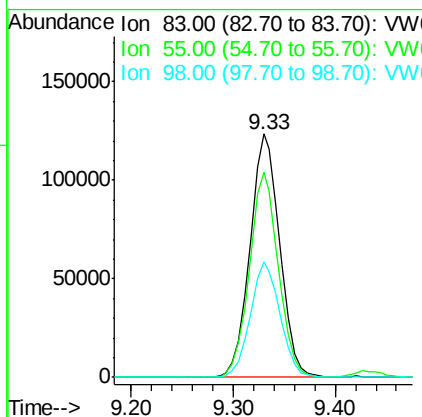
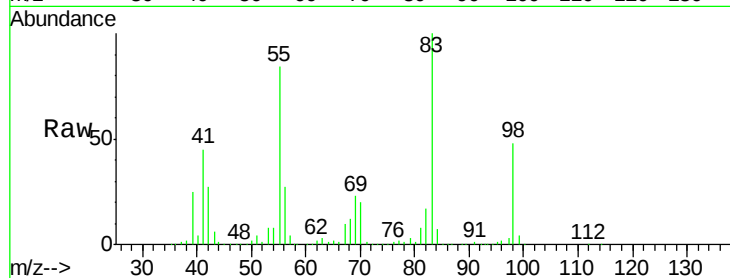




#39  
Methylcyclohexane  
Concen: 20.37 ug/l  
RT: 9.33 min Scan# 1218  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

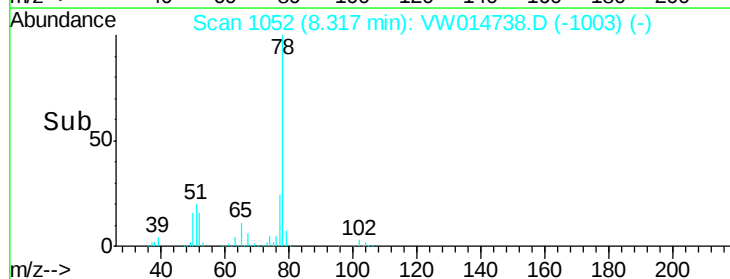
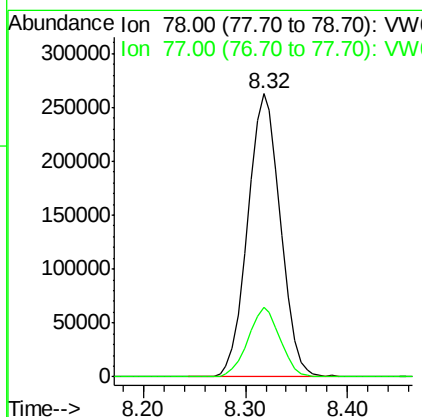
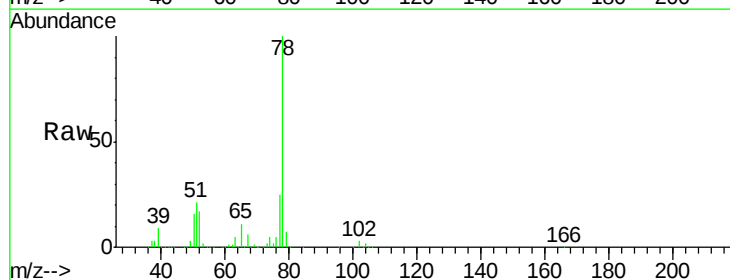
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

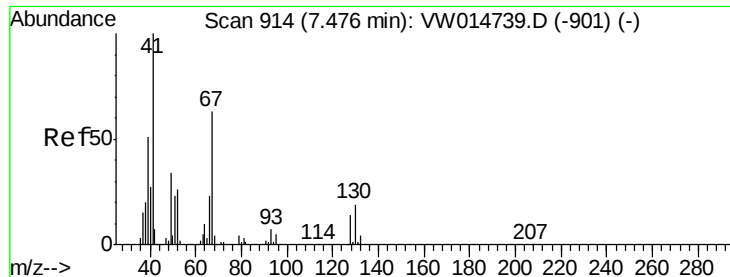
Tgt Ion: 83 Resp: 250672  
Ion Ratio Lower Upper  
83 100  
55 84.3 65.2 97.8  
98 47.7 37.6 56.4



#40  
Benzene  
Concen: 21.43 ug/l  
RT: 8.32 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 78 Resp: 585828  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.1 28.7

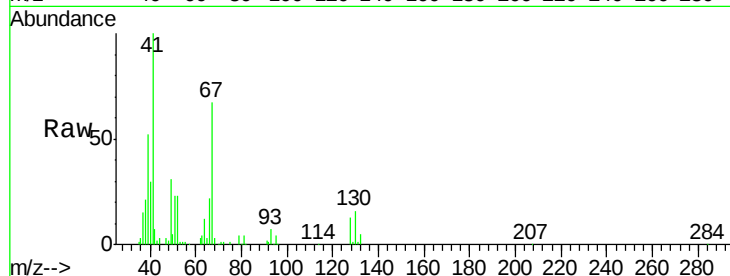




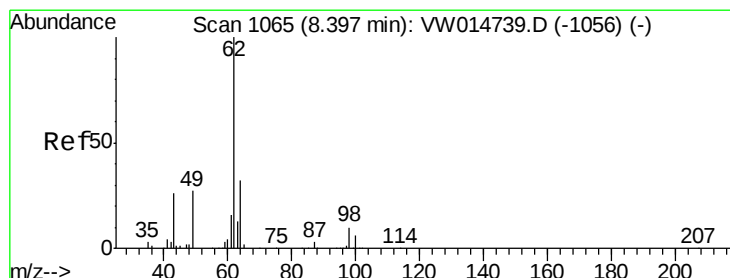
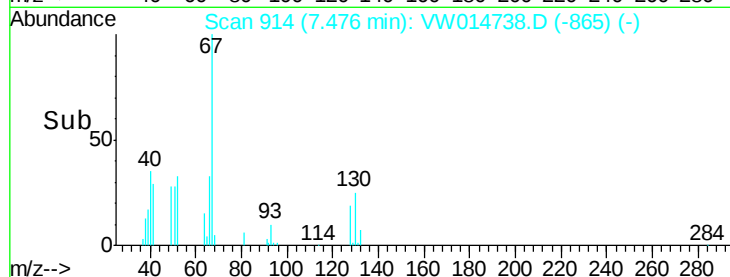
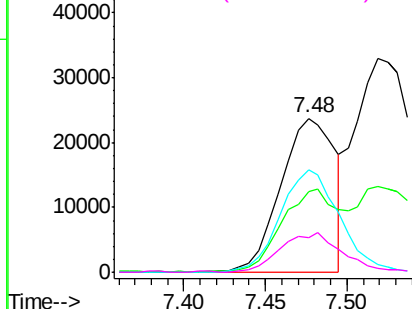
#41  
Methacrylonitrile  
Concen: 22.66 ug/l  
RT: 7.48 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 54344 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.2  | 45.3  | 67.9  |
| 67       | 73.6  | 57.0  | 85.4  |
| 52       | 30.4  | 23.0  | 34.6  |

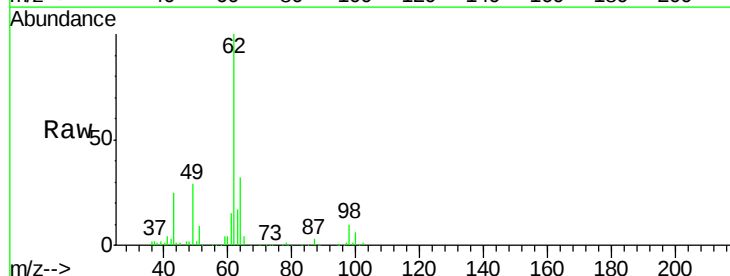


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

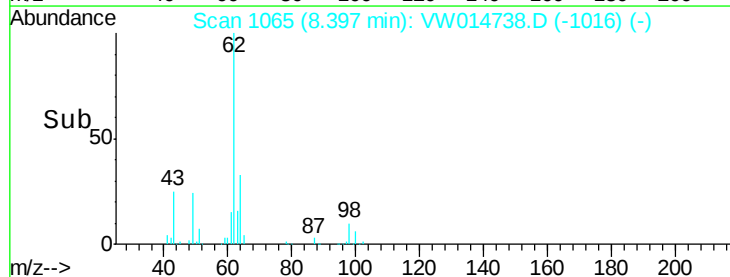
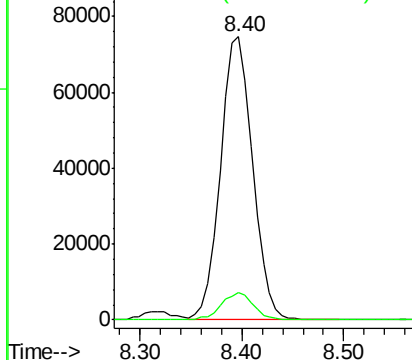


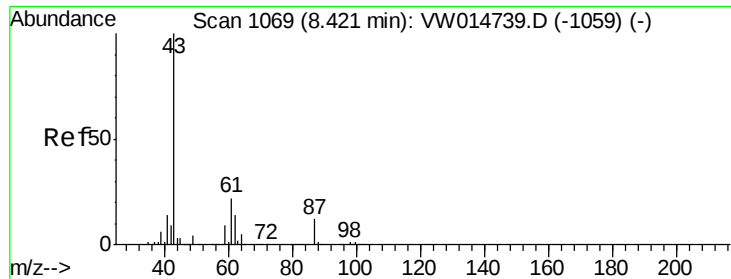
#42  
1,2-Dichloroethane  
Concen: 22.88 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 162812 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 19.6   |



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

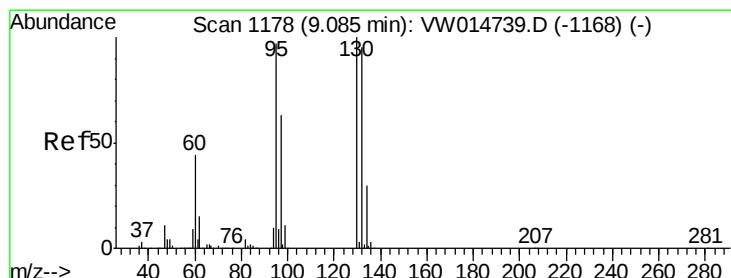
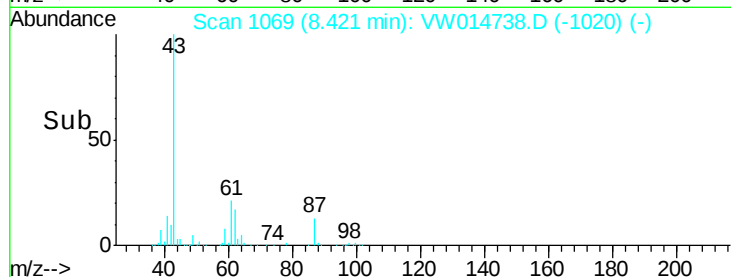
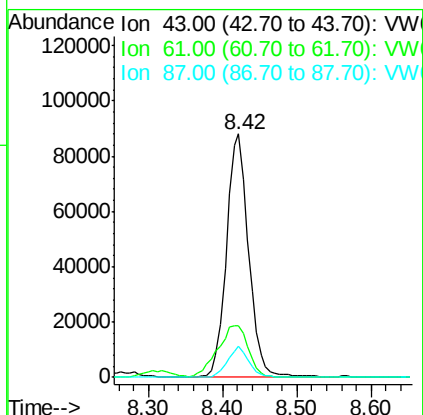
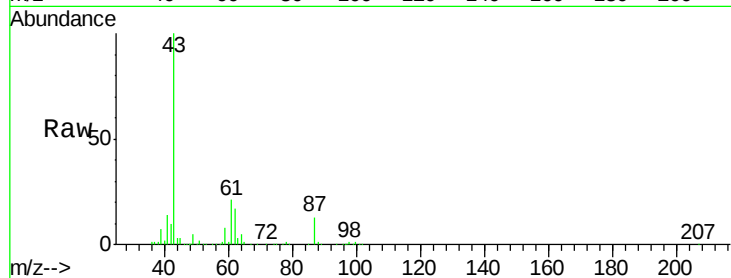




#43  
Isopropyl Acetate  
Concen: 23.30 ug/l  
RT: 8.42 min Scan# 1069  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

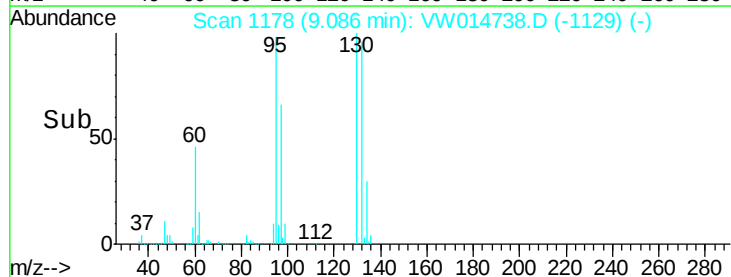
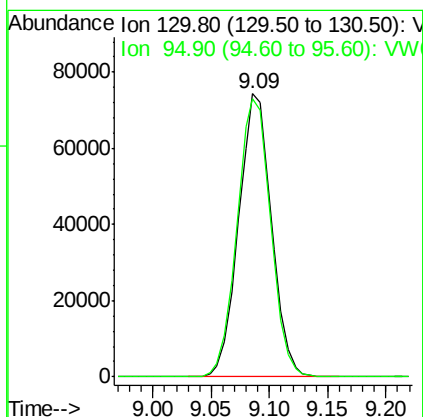
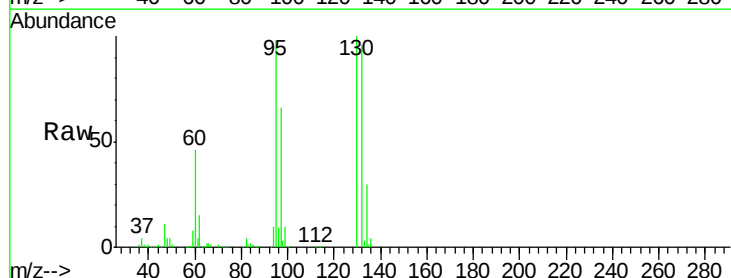
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

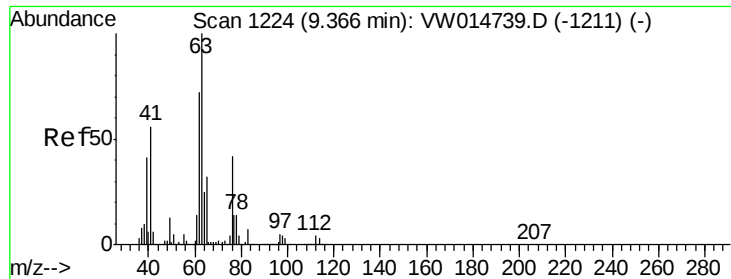
Tgt Ion: 43 Resp: 182202  
Ion Ratio Lower Upper  
43 100  
61 29.4 24.4 36.6  
87 12.2 9.8 14.6



#44  
Trichloroethene  
Concen: 19.93 ug/l  
RT: 9.09 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 130 Resp: 146142  
Ion Ratio Lower Upper  
130 100  
95 98.1 0.0 193.2

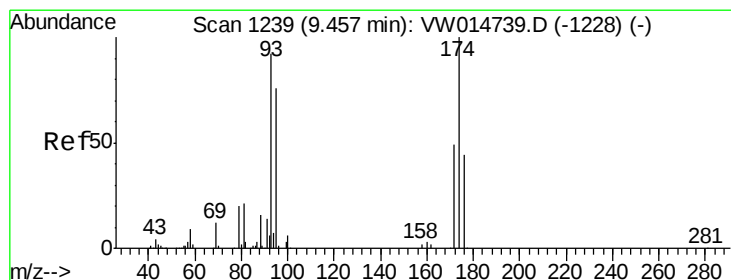
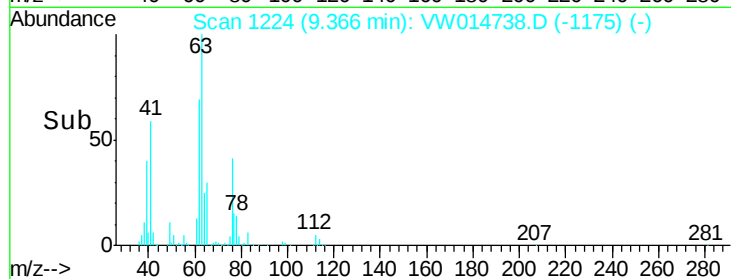
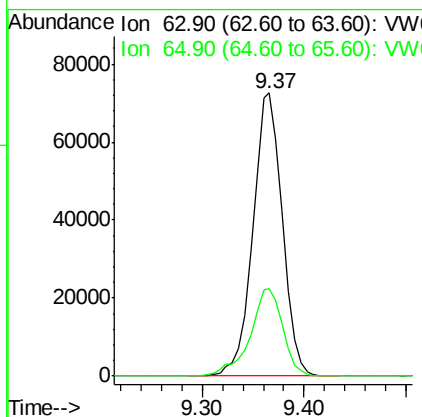
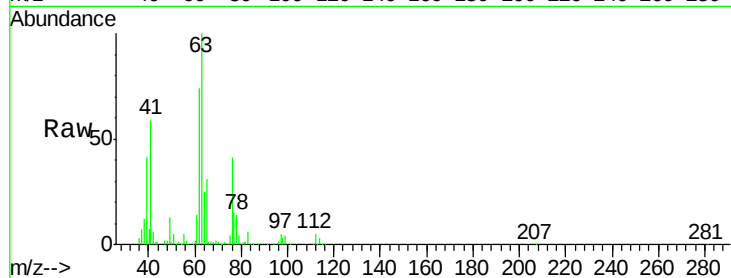




#45  
 1,2-Dichloropropane  
 Concen: 21.74 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

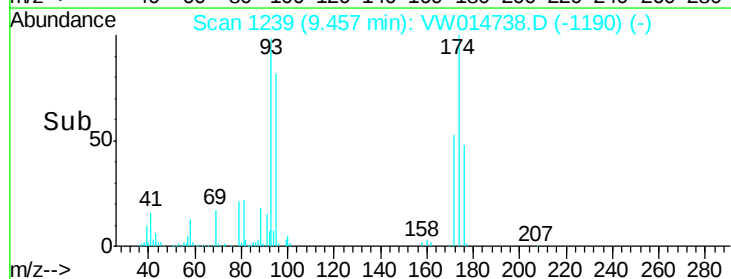
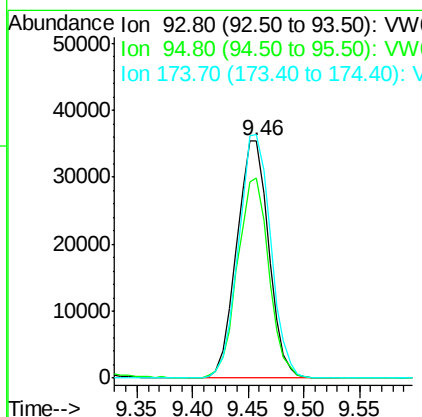
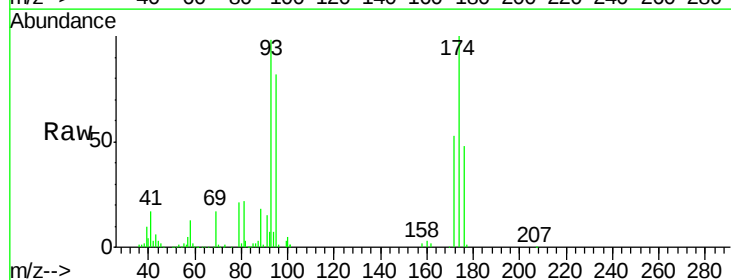
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

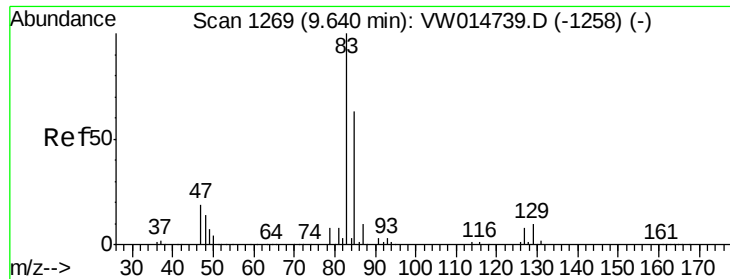
Tgt Ion: 63 Resp: 145926  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 25.3 37.9



#46  
 Dibromomethane  
 Concen: 21.74 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 93 Resp: 70984  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 65.4 98.2  
 174 103.4 84.2 126.2

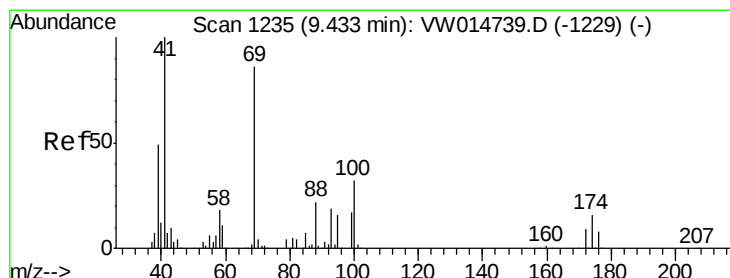
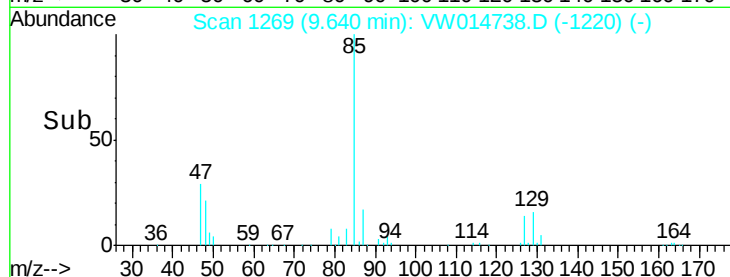
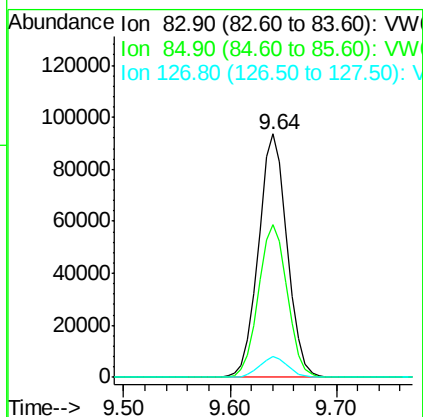
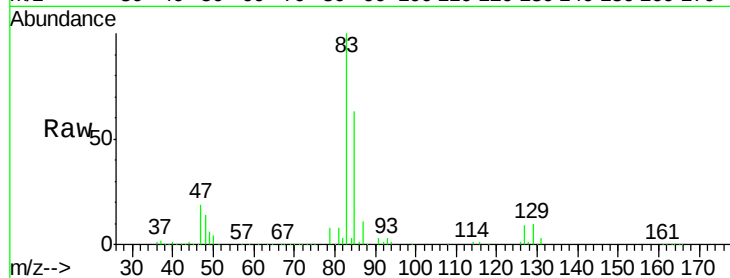




#47  
 Bromodichloromethane  
 Concen: 21.50 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

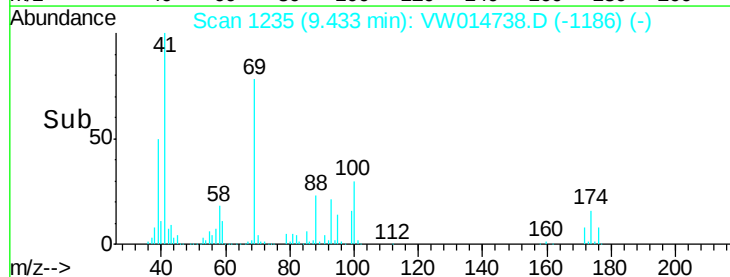
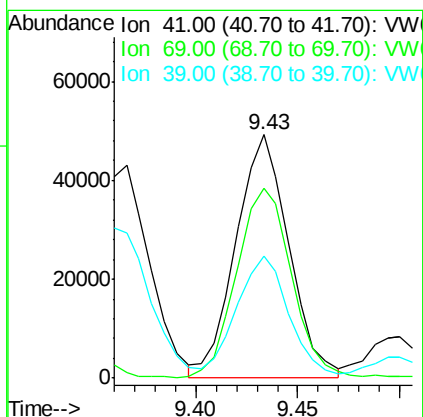
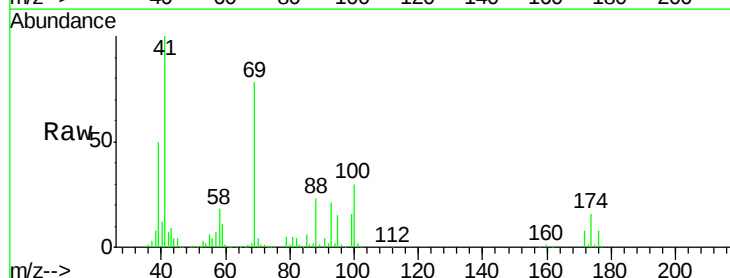
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

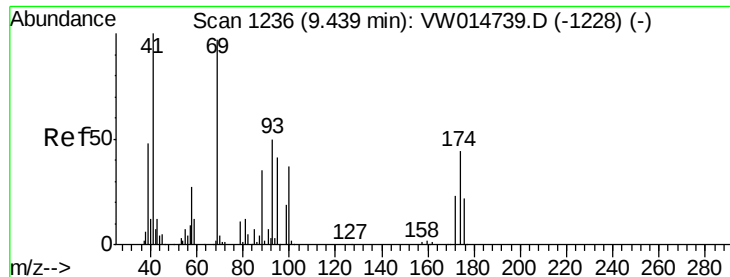
Tgt Ion: 83 Resp: 175761  
 Ion Ratio Lower Upper  
 83 100  
 85 62.9 50.1 75.1  
 127 8.6 6.5 9.7



#48  
 Methyl methacrylate  
 Concen: 23.37 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 41 Resp: 88304  
 Ion Ratio Lower Upper  
 41 100  
 69 81.9 69.6 104.4  
 39 46.0 40.2 60.4

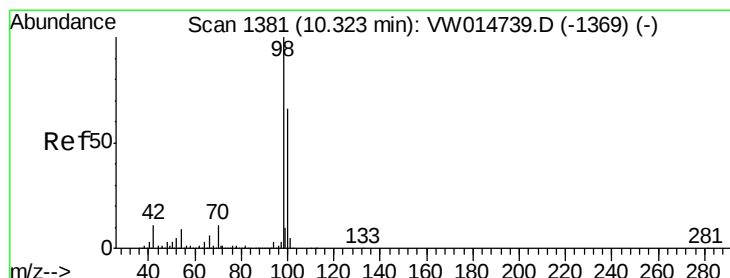
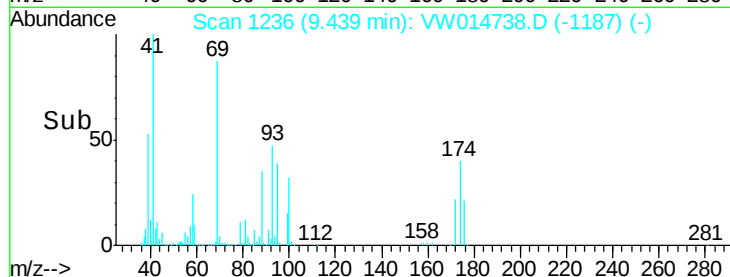
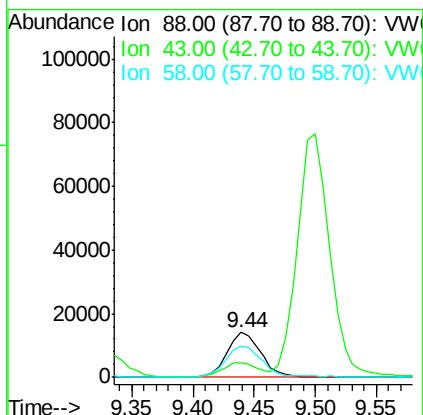
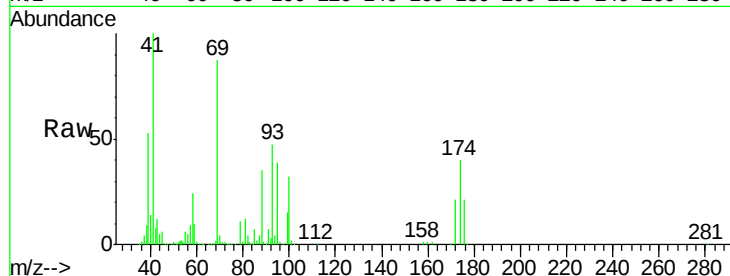




#49  
 1,4-Dioxane  
 Concen: 454.42 ug/l  
 RT: 9.44 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

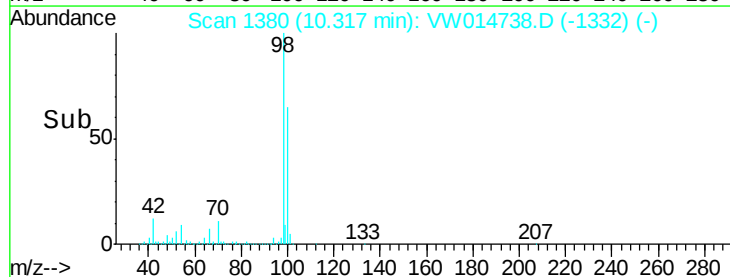
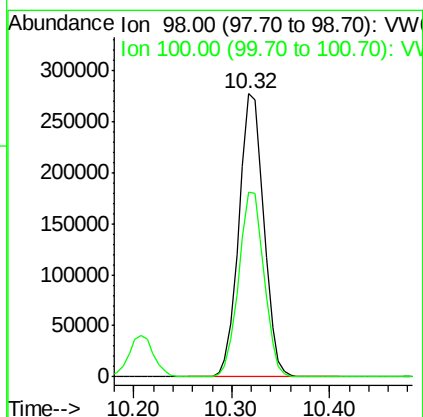
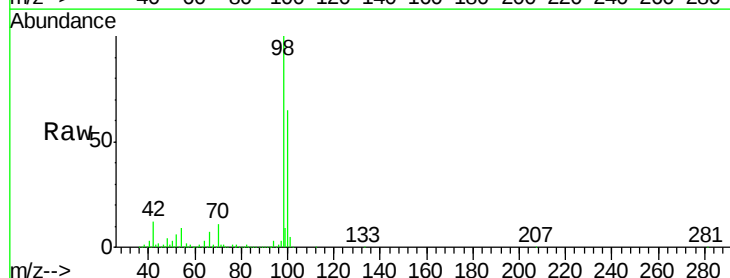
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

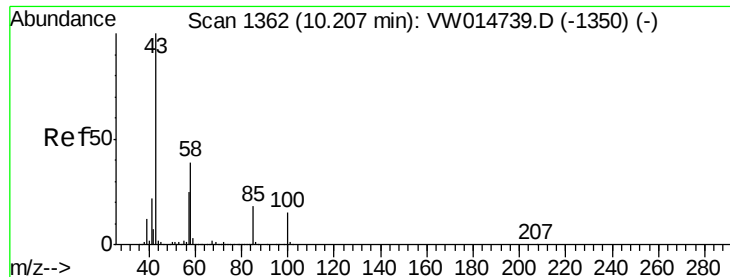
Tgt Ion: 88 Resp: 27178  
 Ion Ratio Lower Upper  
 88 100  
 43 34.2 27.1 40.7  
 58 74.9 58.7 88.1



#50  
 Toluene-d8  
 Concen: 20.58 ug/l  
 RT: 10.32 min Scan# 1380  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 98 Resp: 490614  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 52.6 79.0

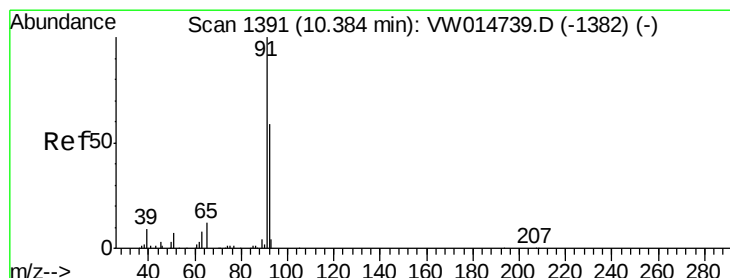
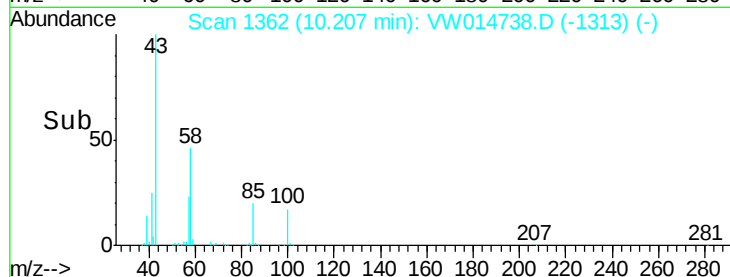
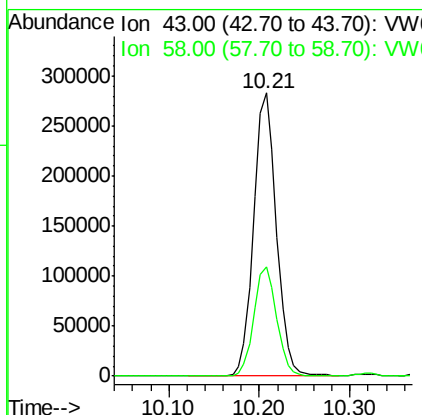
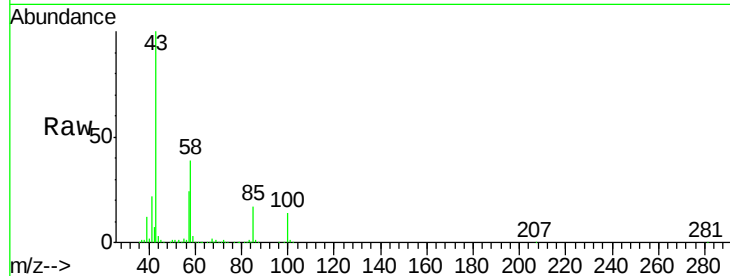




#51  
 4-Methyl-2-Pentanone  
 Concen: 121.51 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

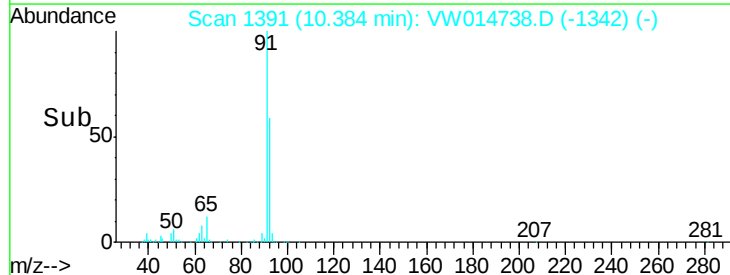
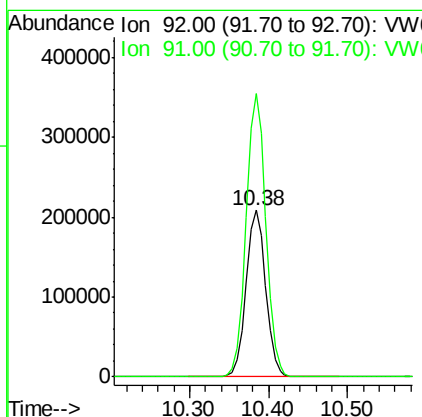
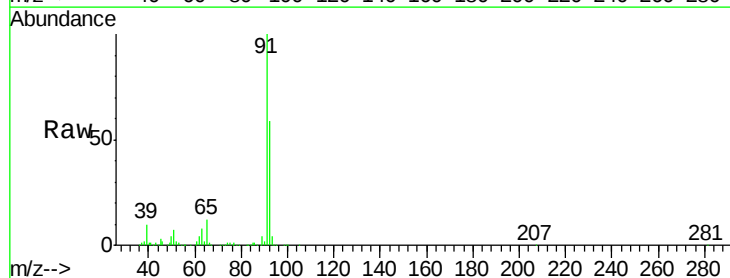
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 ClientSampleId :  
 VSTDIC020

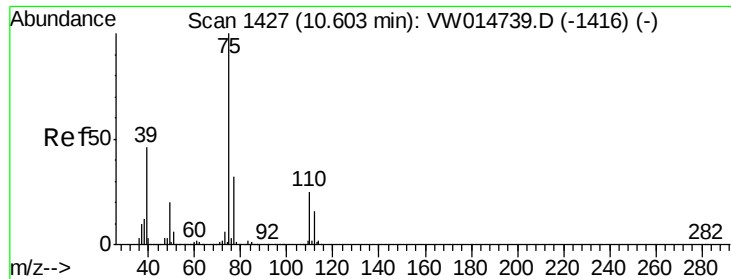
Tgt Ion: 43 Resp: 491224  
 Ion Ratio Lower Upper  
 43 100  
 58 38.8 31.4 47.0



#52  
 Toluene  
 Concen: 21.08 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 92 Resp: 360259  
 Ion Ratio Lower Upper  
 92 100  
 91 170.4 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 20.59 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampled :

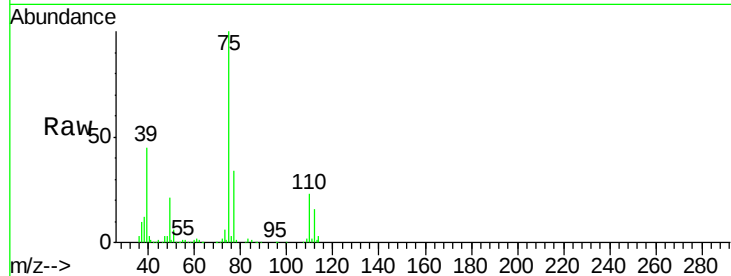
VSTDIC020

Tgt Ion: 75 Resp: 172325

Ion Ratio Lower Upper

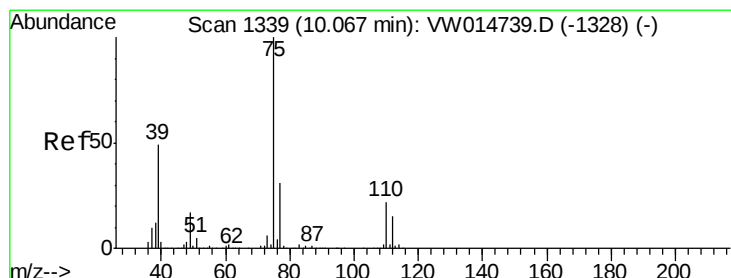
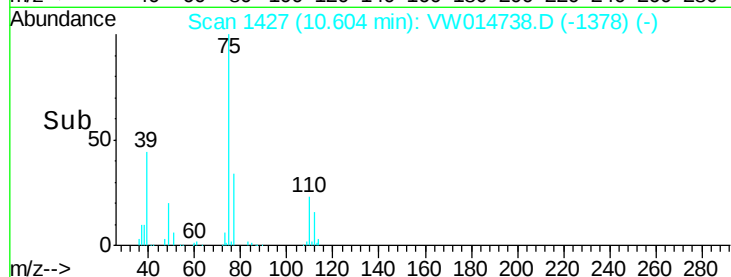
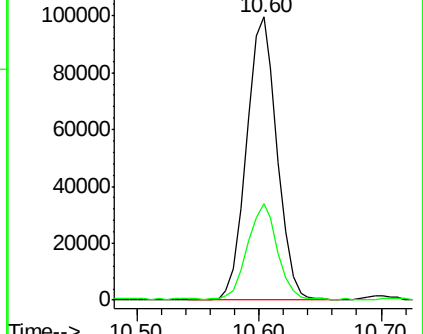
75 100

77 33.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.75 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

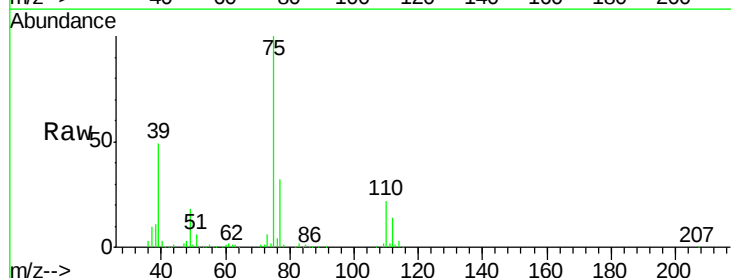
Tgt Ion: 75 Resp: 213156

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

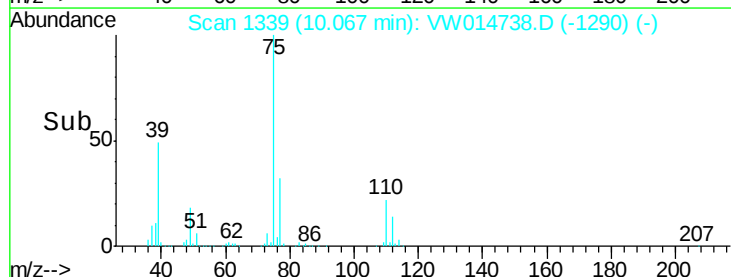
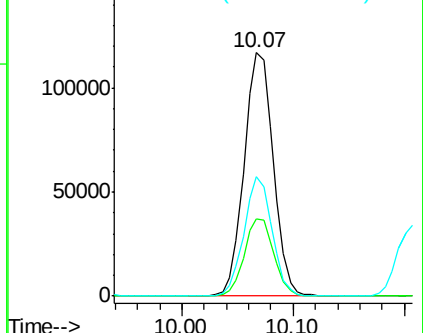
39 49.2 39.0 58.6

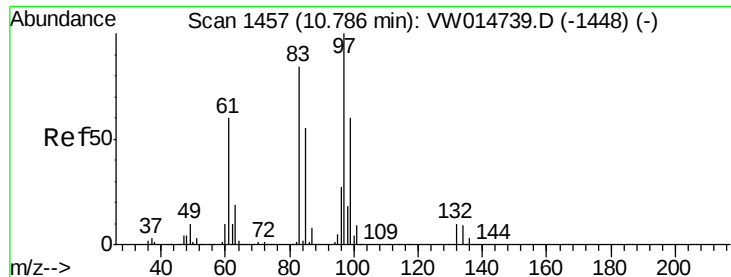


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

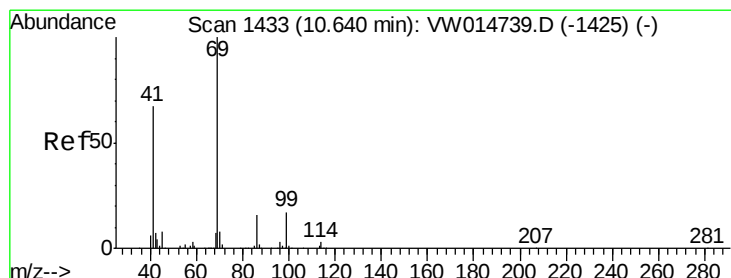
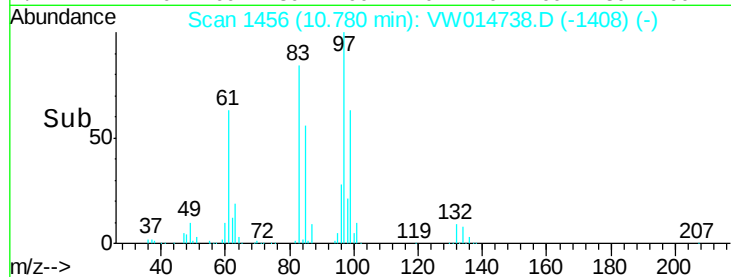
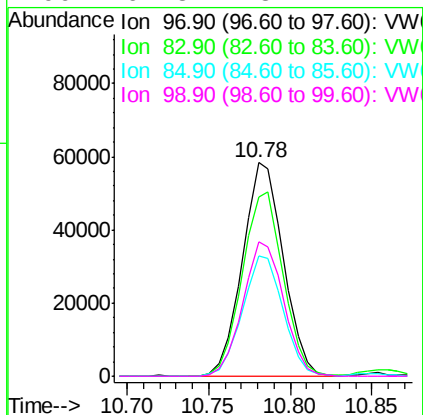
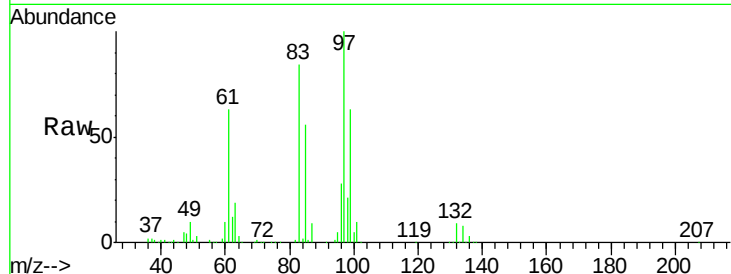




#55  
 1,1,2-Trichloroethane  
 Concen: 21.47 ug/l  
 RT: 10.78 min Scan# 1456  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

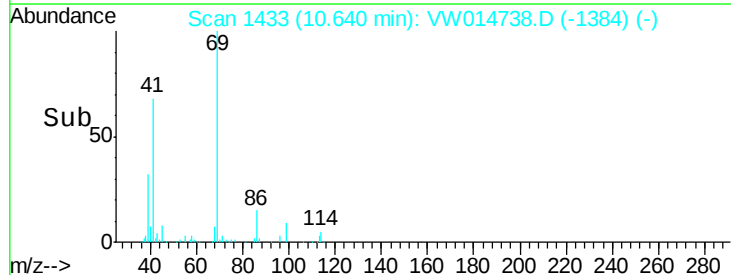
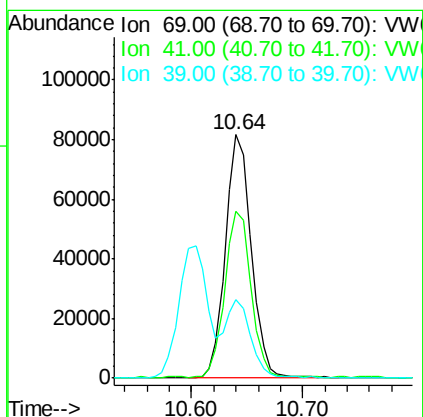
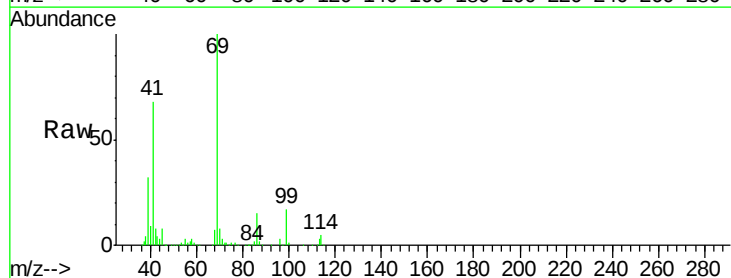
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 ClientSampleId :  
 VSTDIC020

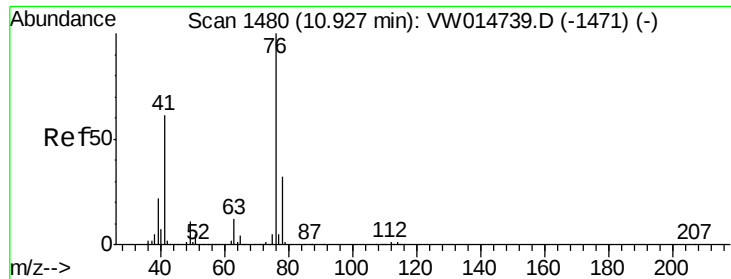
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 102051 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.8  | 67.1  | 100.7  |
| 85       | 56.0  | 44.2  | 66.2   |
| 99       | 62.8  | 48.2  | 72.4   |



#56  
 Ethyl methacrylate  
 Concen: 21.52 ug/l  
 RT: 10.64 min Scan# 1433  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132262 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.8  | 54.4  | 81.6   |
| 39       | 31.4  | 22.4  | 33.6   |





#57

1,3-Dichloropropane

Concen: 21.50 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

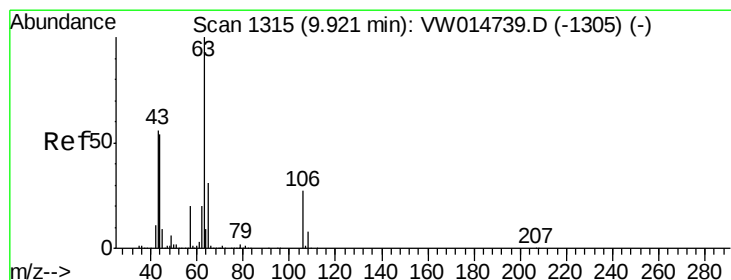
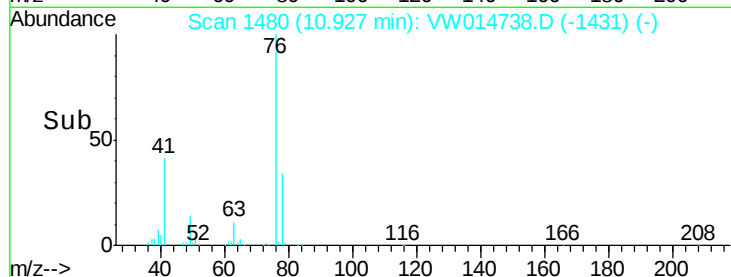
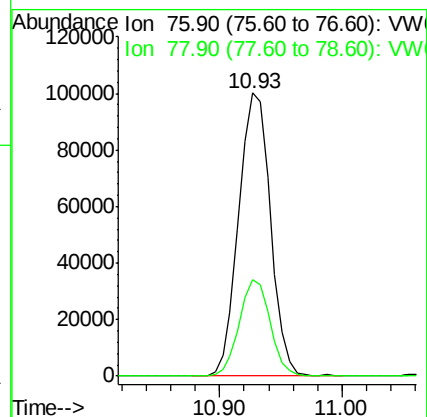
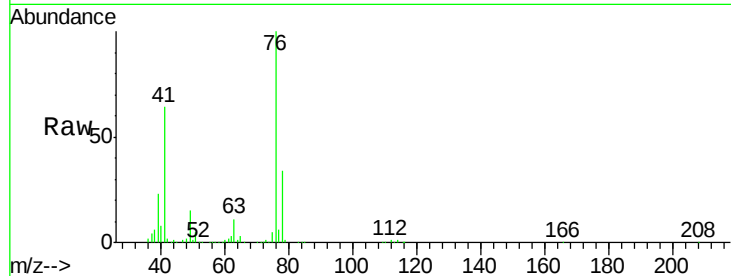
VSTDIC020

Tgt Ion: 76 Resp: 180832

Ion Ratio Lower Upper

76 100

78 33.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 107.25 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014738.D

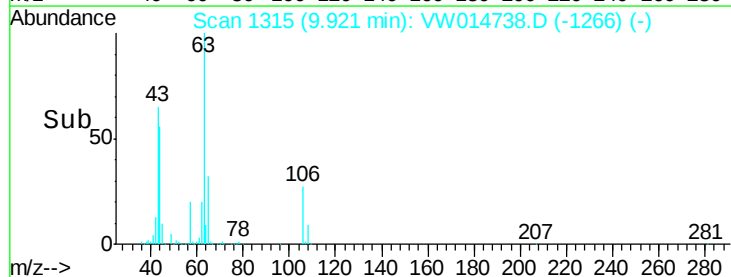
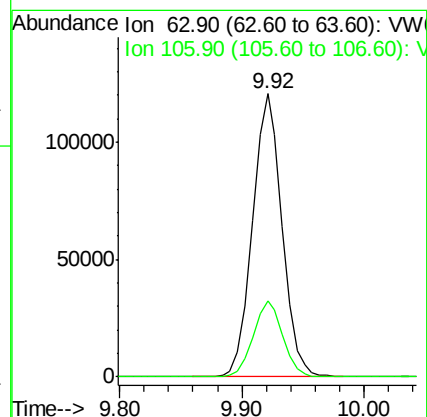
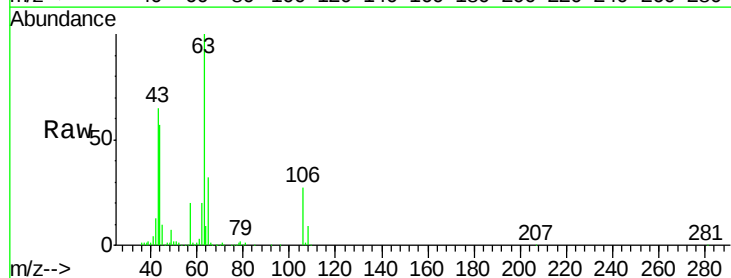
Acq: 24 Jan 2020 11:25

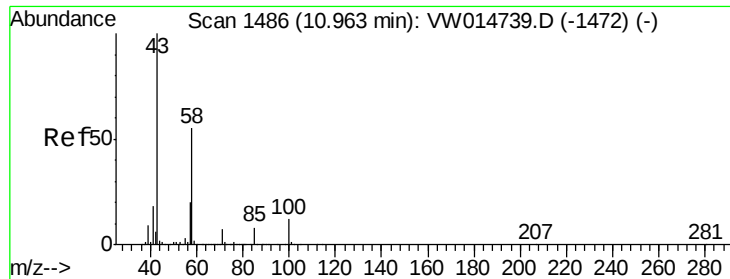
Tgt Ion: 63 Resp: 202158

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8

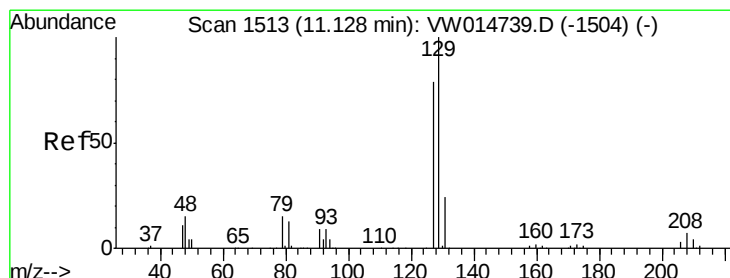
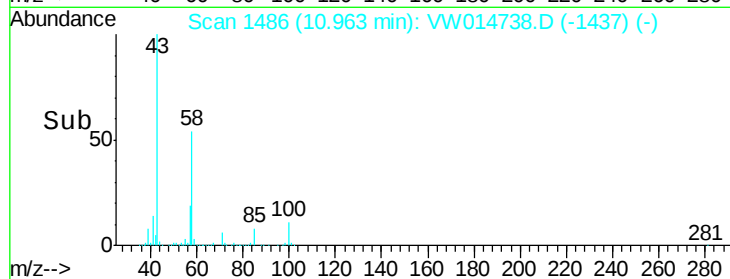
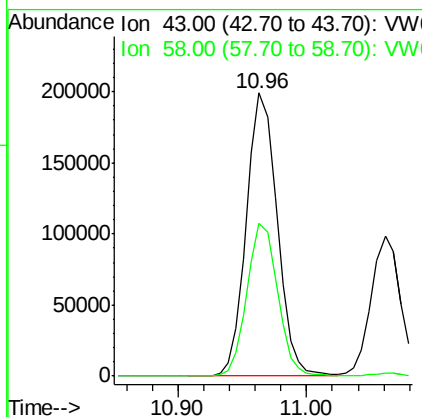
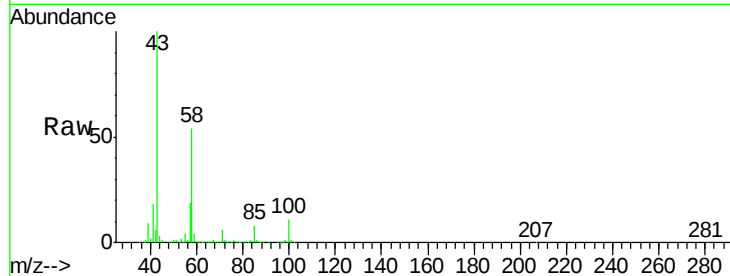




#59  
2-Hexanone  
Concen: 119.01 ug/l  
RT: 10.96 min Scan# 1486  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

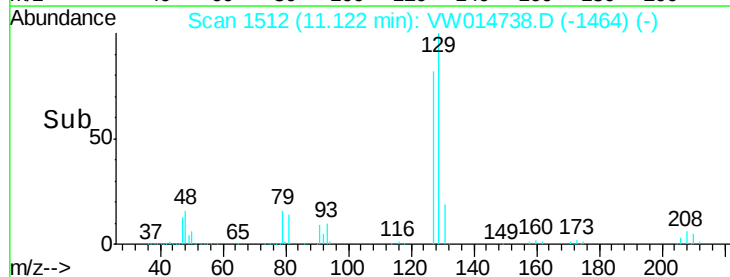
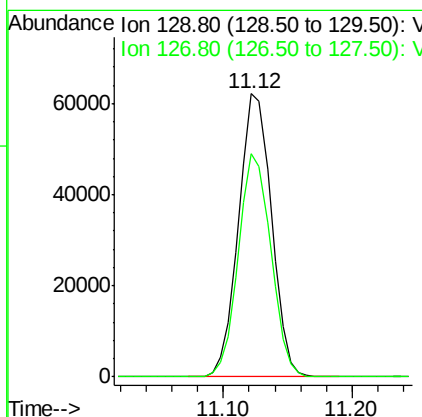
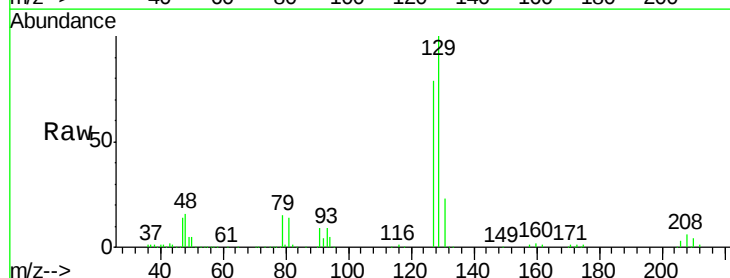
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

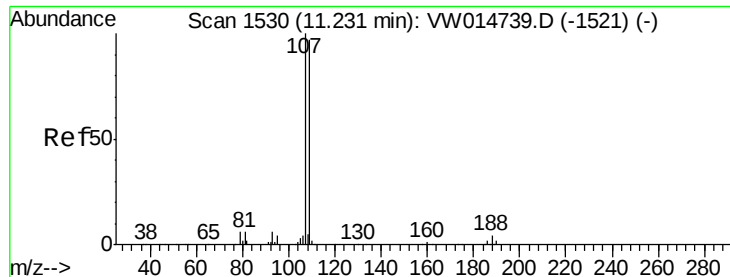
Tgt Ion: 43 Resp: 329488  
Ion Ratio Lower Upper  
43 100  
58 53.9 27.3 81.8



#60  
Dibromochloromethane  
Concen: 20.52 ug/l  
RT: 11.12 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 129 Resp: 110067  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.9 119.6





#61

1,2-Dibromoethane

Concen: 21.55 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

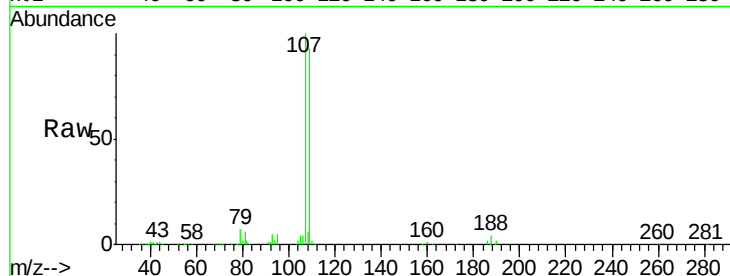
VSTDIC020

Tgt Ion: 107 Resp: 96678

Ion Ratio Lower Upper

107 100

109 92.7 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

60000

50000

40000

30000

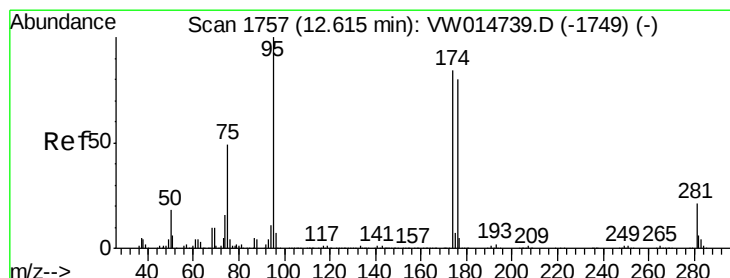
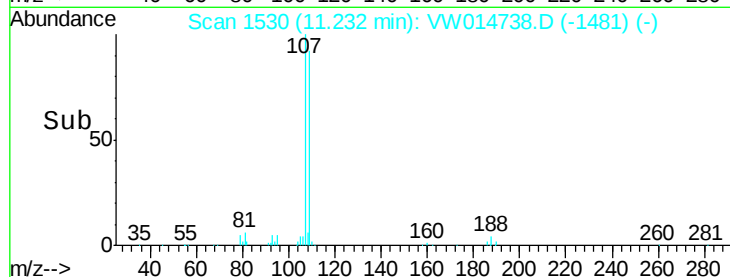
20000

10000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 20.36 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

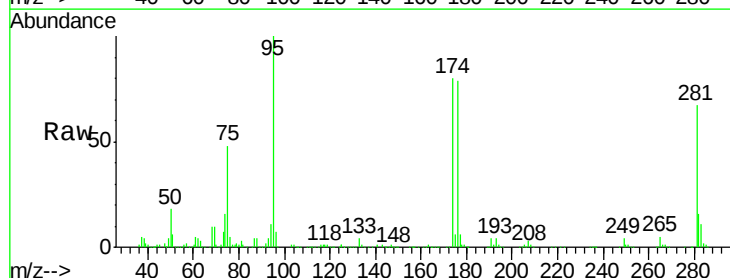
Tgt Ion: 95 Resp: 164261

Ion Ratio Lower Upper

95 100

174 81.2 0.0 163.0

176 79.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

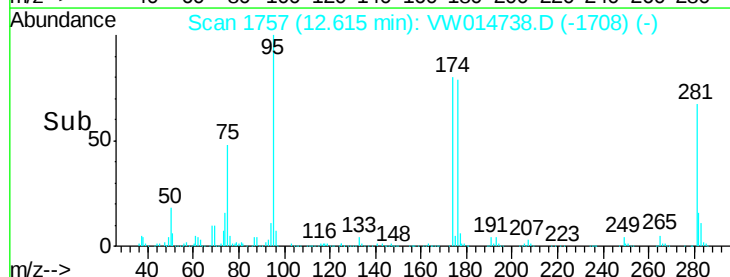
100000

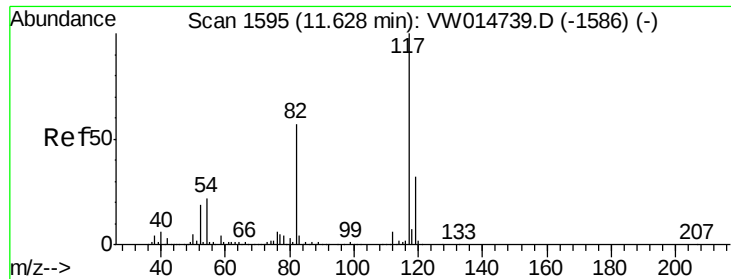
50000

0

Time-->

12.55 12.60 12.65

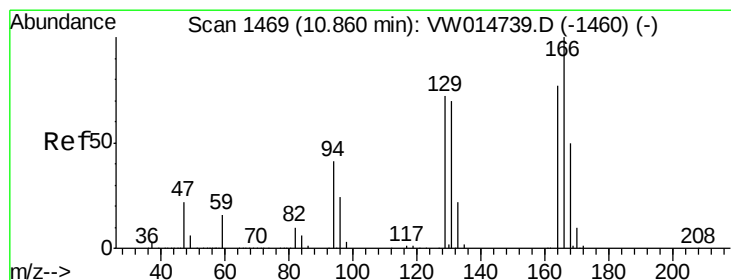
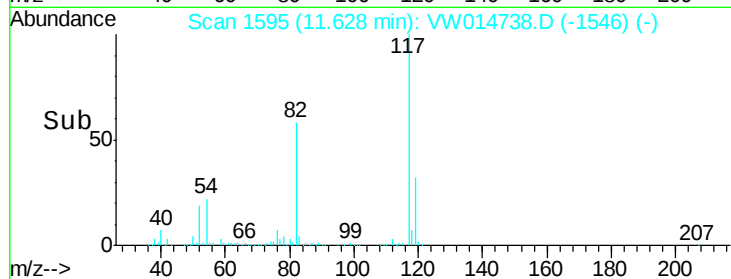
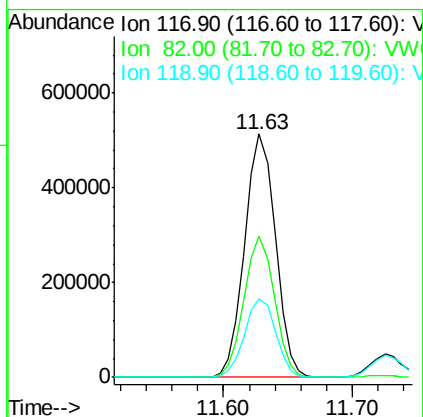
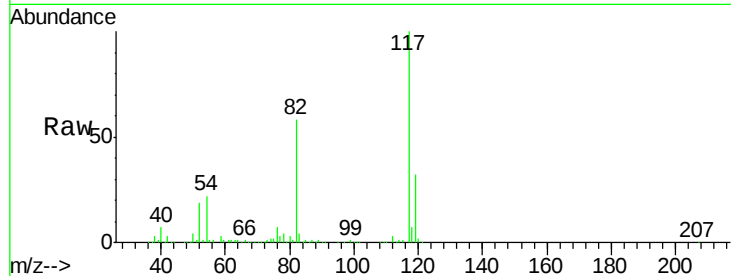




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

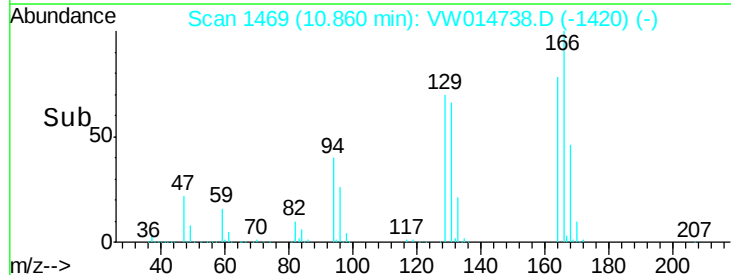
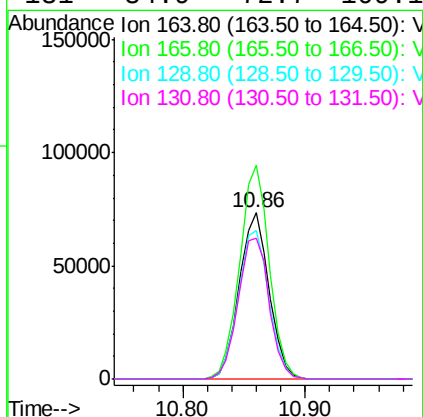
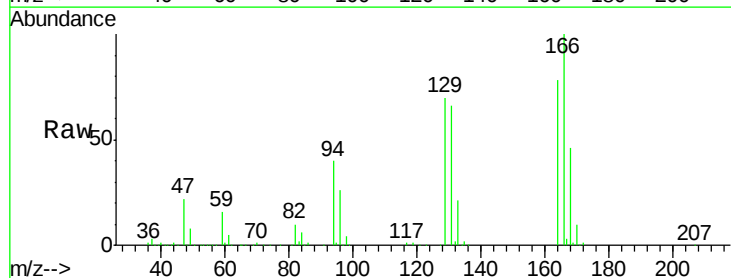
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

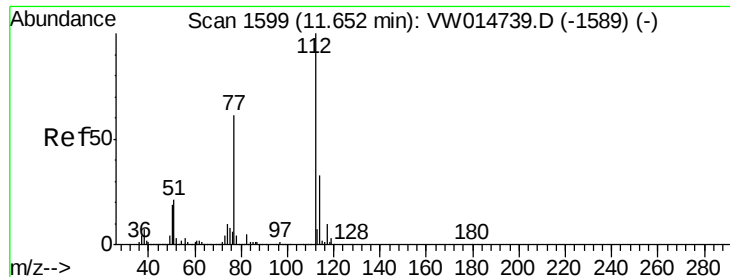
Tgt Ion:117 Resp: 851746  
Ion Ratio Lower Upper  
117 100  
82 57.9 45.9 68.9  
119 32.2 25.7 38.5



#64  
Tetrachloroethene  
Concen: 20.17 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion:164 Resp: 124082  
Ion Ratio Lower Upper  
164 100  
166 128.7 104.0 156.0  
129 89.8 75.0 112.4  
131 84.9 72.7 109.1





#65

Chlorobenzene

Concen: 20.63 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

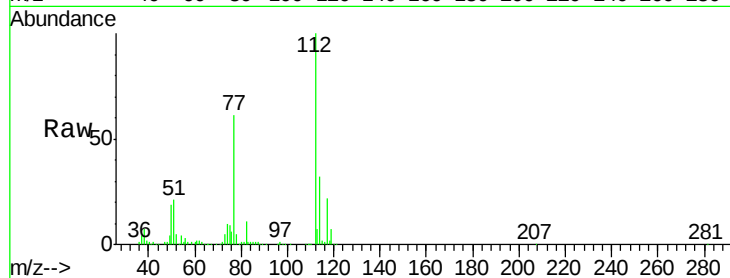
VSTDIC020

Tgt Ion:112 Resp: 361351

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

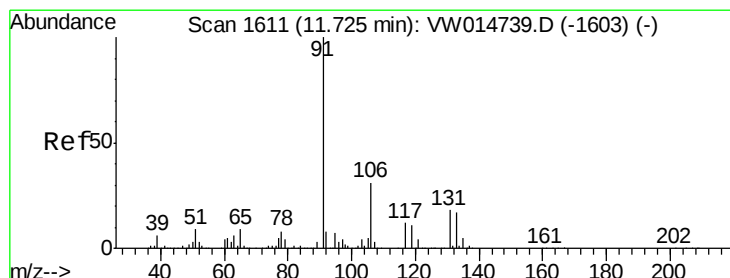
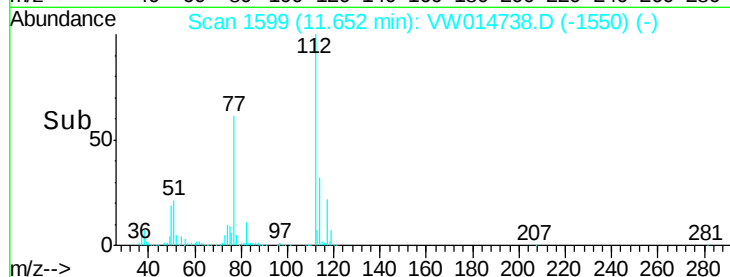
100000

50000

0

11.60 11.70 11.80

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.69 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

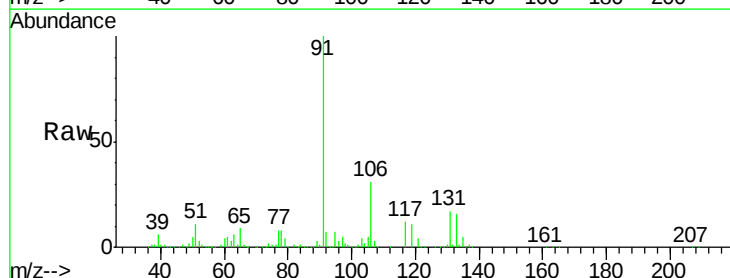
Tgt Ion:131 Resp: 121966

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.2

119 64.1 33.0 98.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

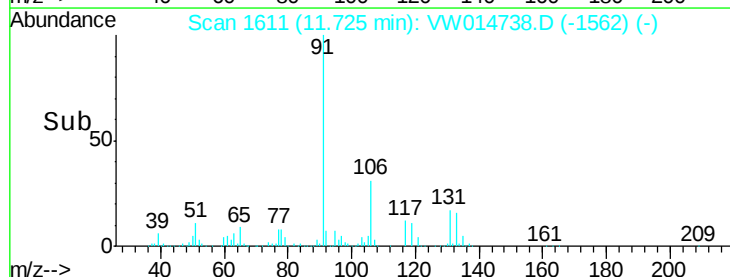
100000

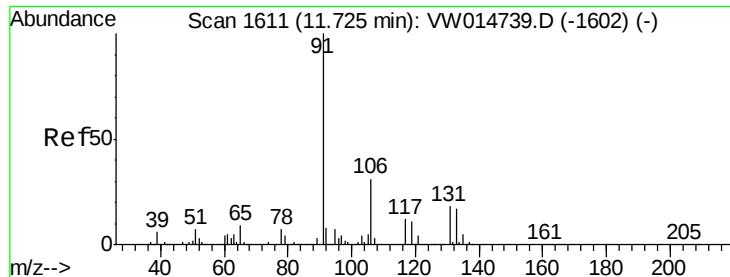
50000

0

11.70 11.80

Time-->

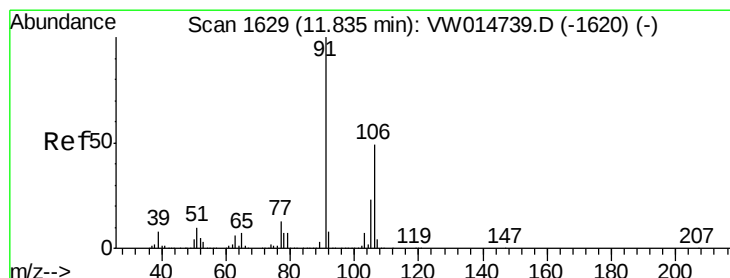
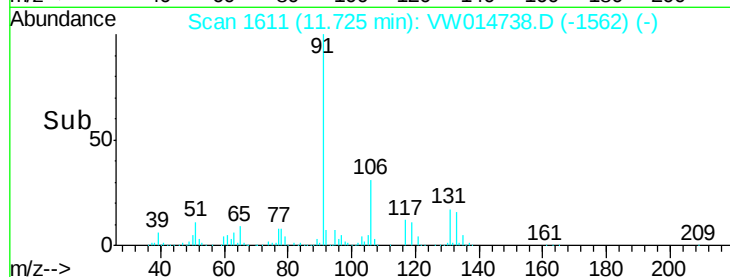
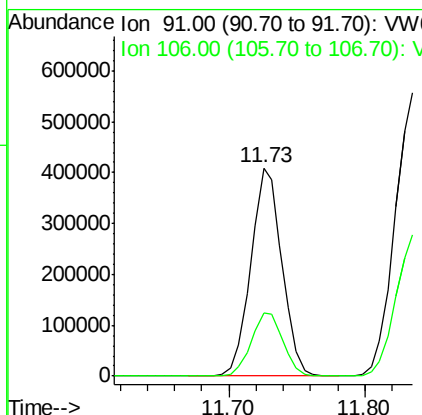
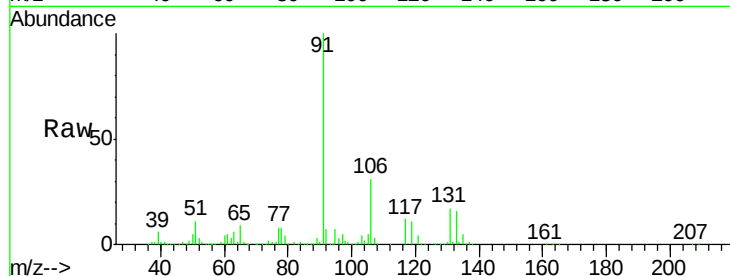




#67  
Ethyl Benzene  
Concen: 20.69 ug/l  
RT: 11.73 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

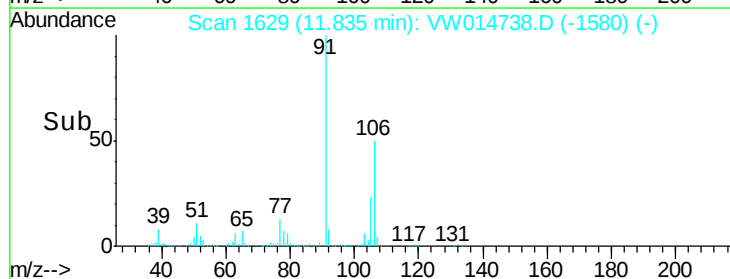
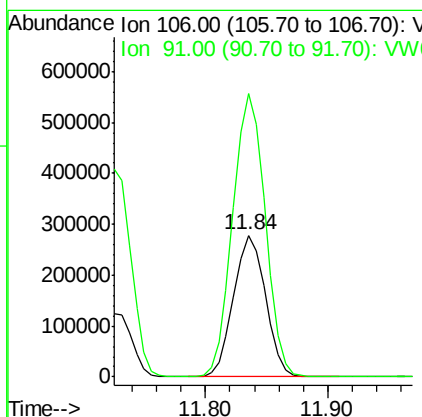
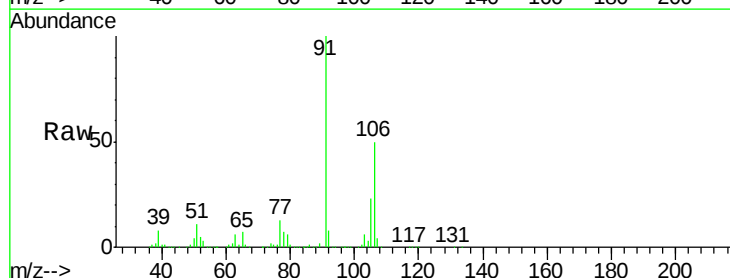
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC020

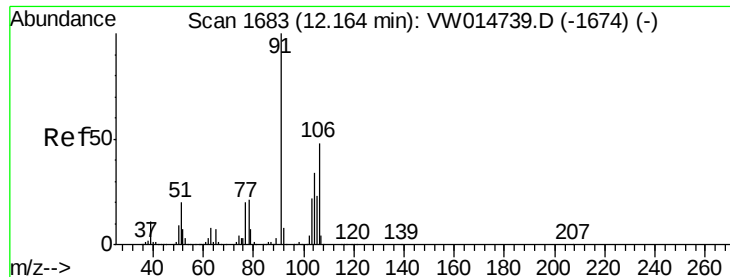
Tgt Ion: 91 Resp: 655553  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.5 36.7



#68  
m/p-Xylenes  
Concen: 41.73 ug/l  
RT: 11.84 min Scan# 1629  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 106 Resp: 504849  
Ion Ratio Lower Upper  
106 100  
91 202.7 161.4 242.0

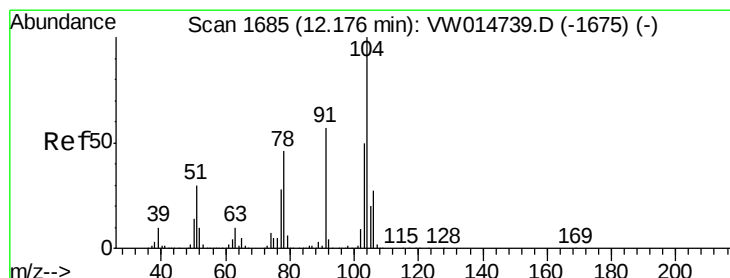
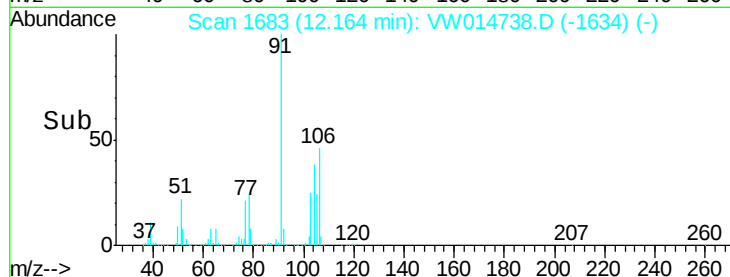
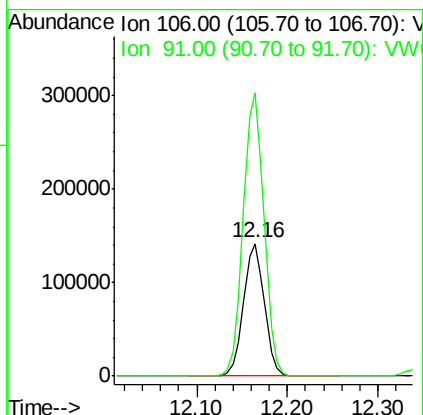
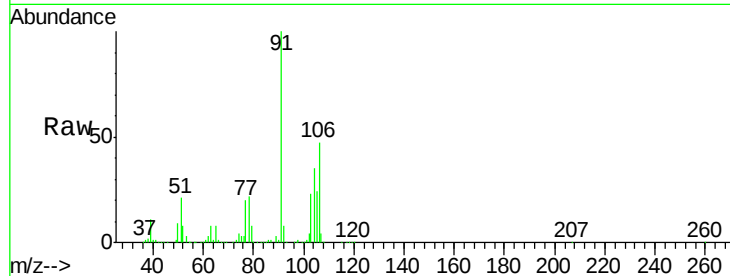




#69  
o-Xylene  
Concen: 20.12 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

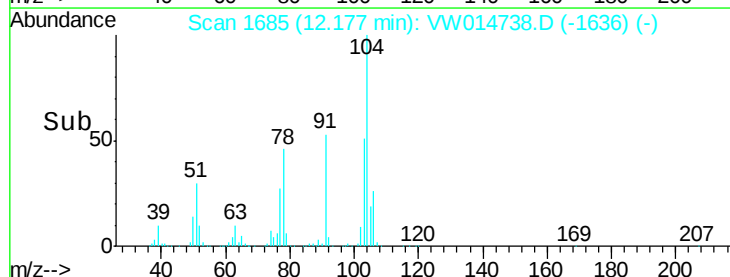
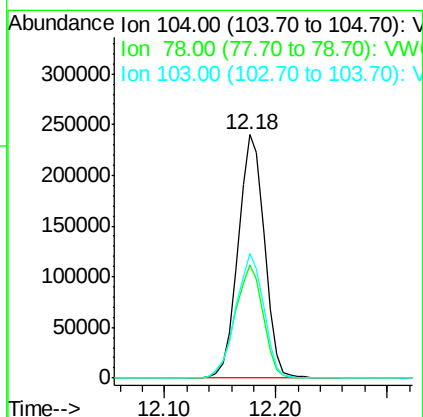
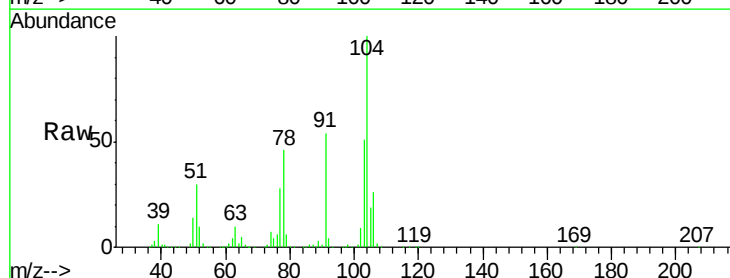
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

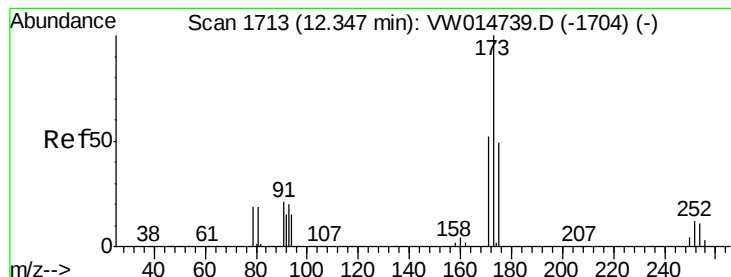
Tgt Ion:106 Resp: 224653  
Ion Ratio Lower Upper  
106 100  
91 214.5 107.1 321.3



#70  
Styrene  
Concen: 20.80 ug/l  
RT: 12.18 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion:104 Resp: 392281  
Ion Ratio Lower Upper  
104 100  
78 49.6 39.8 59.8  
103 54.1 44.0 66.0





#71

Bromoform

Concen: 20.64 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC020

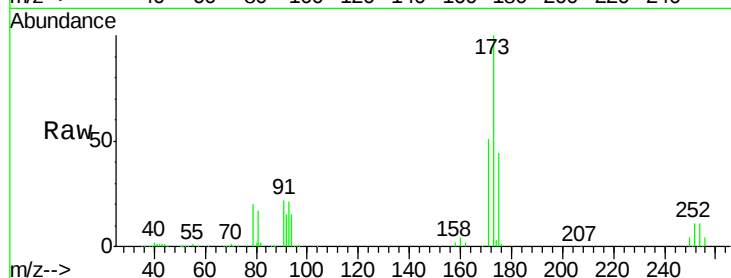
Tgt Ion:173 Resp: 65227

Ion Ratio Lower Upper

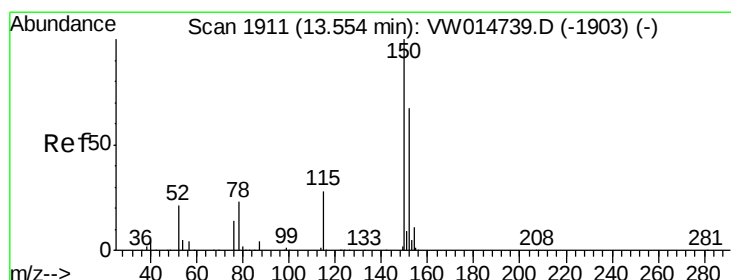
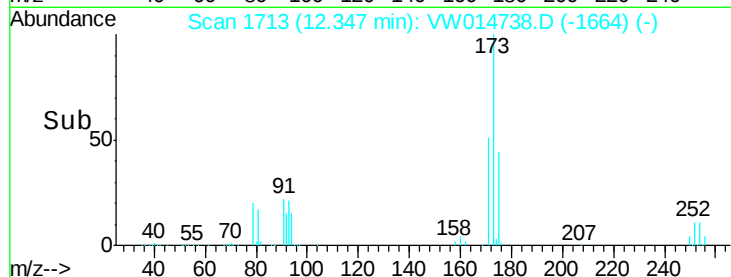
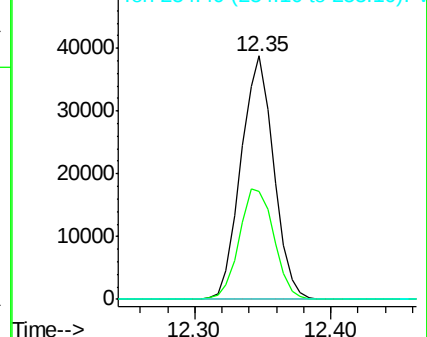
173 100

175 48.1 24.4 73.2

254 0.1 0.1 0.1#



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: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

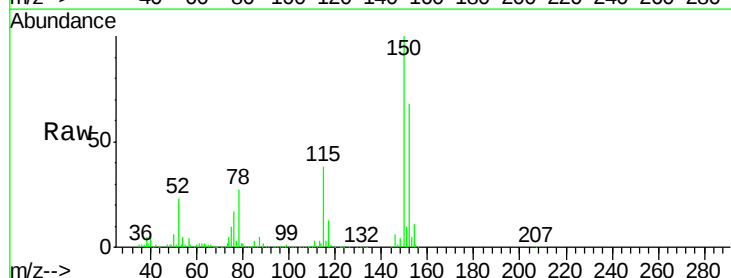
Tgt Ion:152 Resp: 424997

Ion Ratio Lower Upper

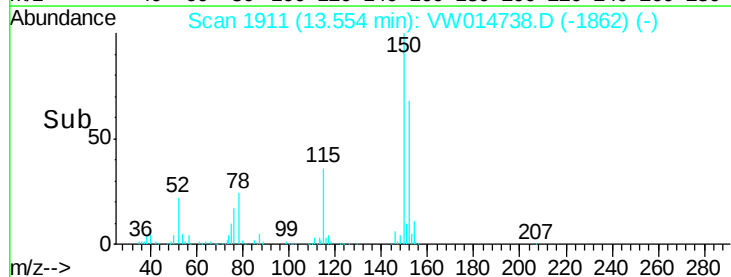
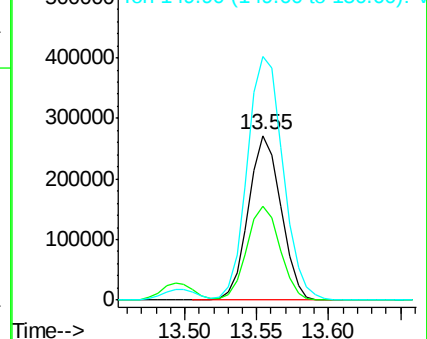
152 100

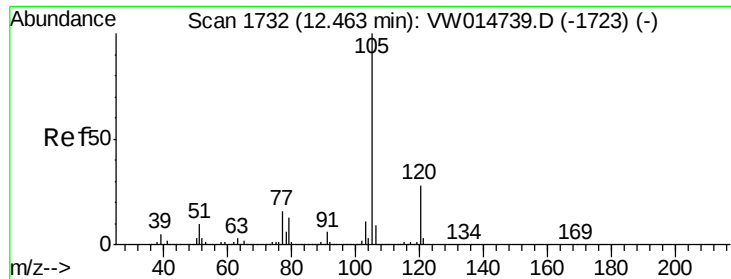
115 58.2 29.0 87.1

150 162.0 0.0 354.0



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: 20.21 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

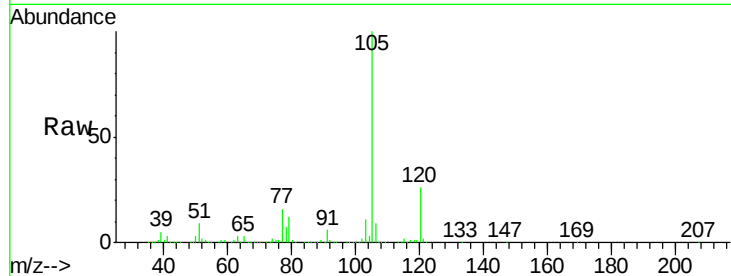
VSTDIC020

Tgt Ion: 105 Resp: 633550

Ion Ratio Lower Upper

105 100

120 26.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

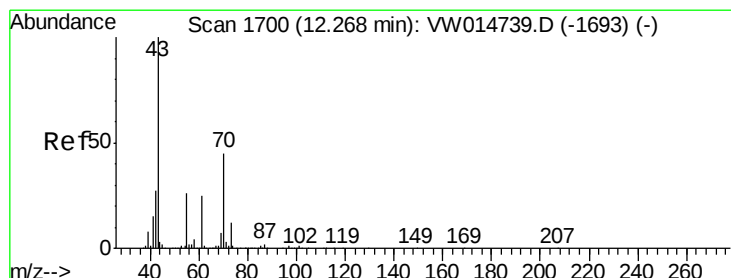
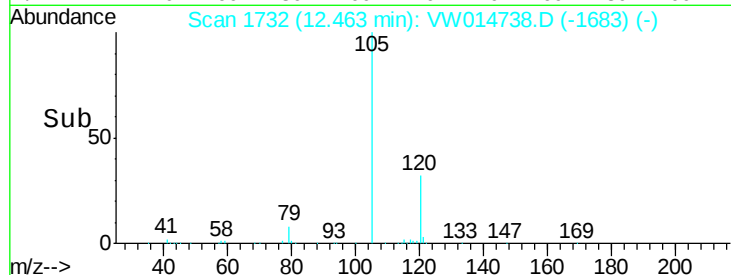
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.83 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Tgt Ion: 43 Resp: 160101

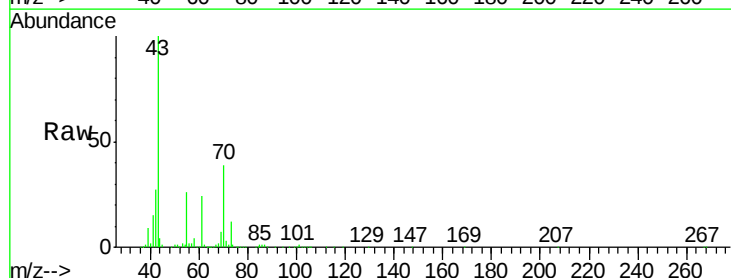
Ion Ratio Lower Upper

43 100

70 42.1 34.6 52.0

55 27.0 20.6 30.8

61 24.7 19.4 29.2



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

12.27

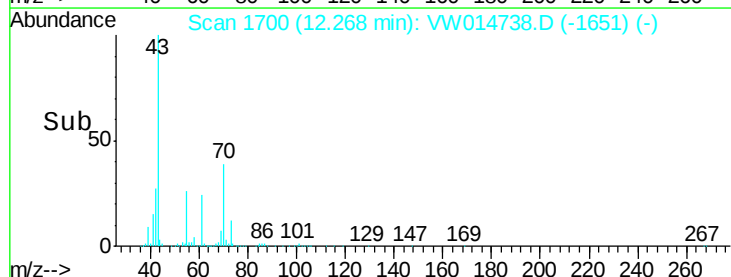
150000

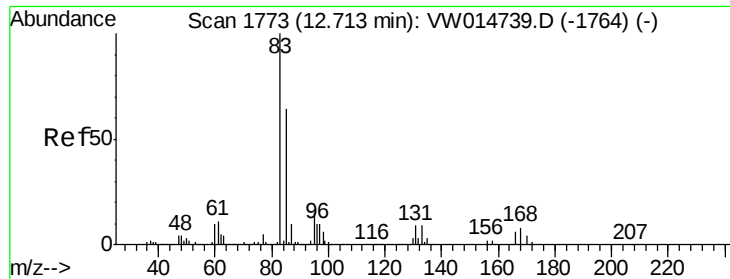
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.05 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

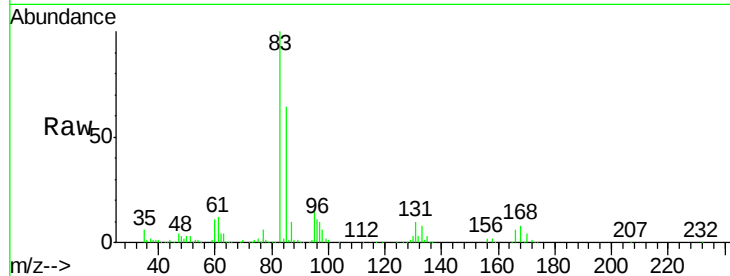
Tgt Ion: 83 Resp: 123149

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

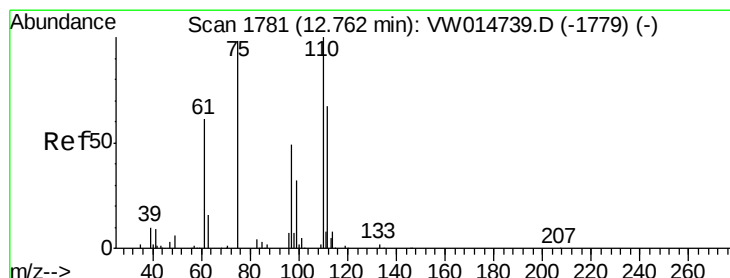
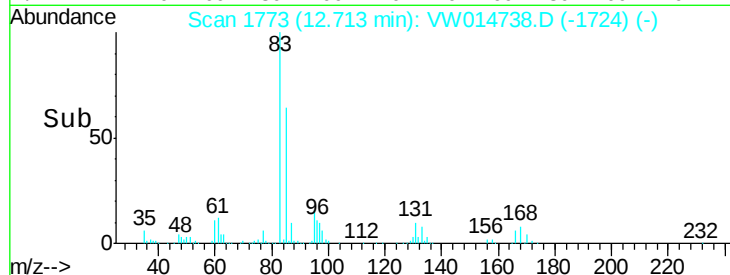
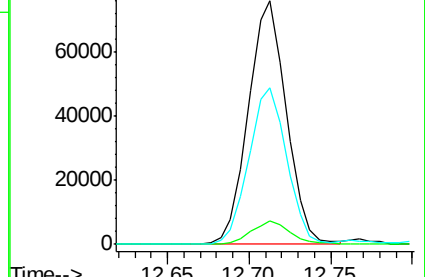
85 64.3 32.0 96.0



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: 39.43 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VW014738.D

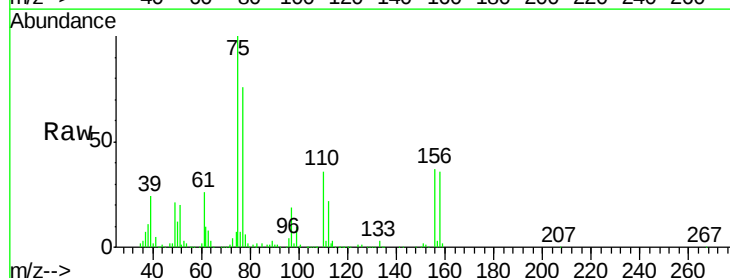
Acq: 24 Jan 2020 11:25

Tgt Ion: 75 Resp: 156696

Ion Ratio Lower Upper

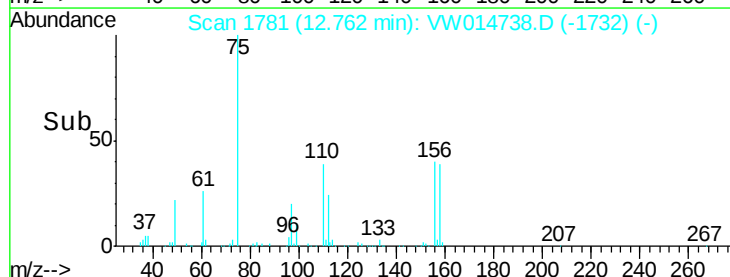
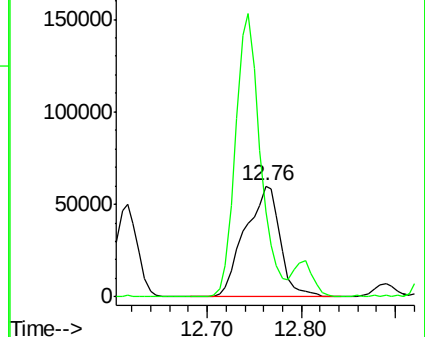
75 100

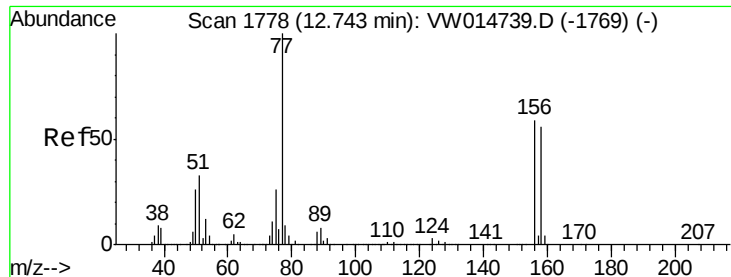
77 181.1 167.9 503.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.95 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC020

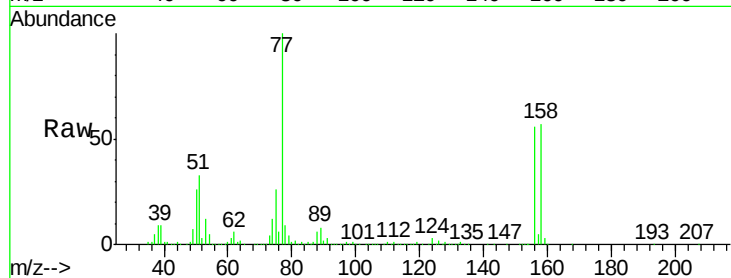
Tgt Ion:156 Resp: 145270

Ion Ratio Lower Upper

156 100

77 195.3 94.5 283.5

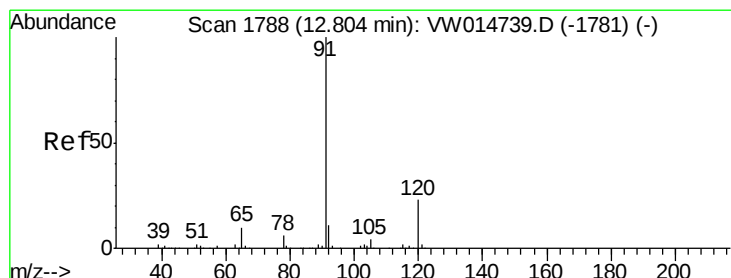
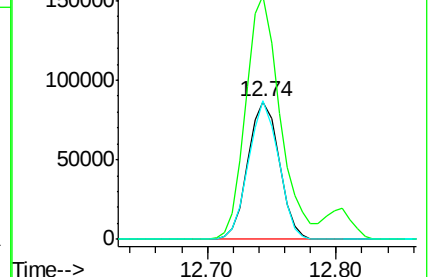
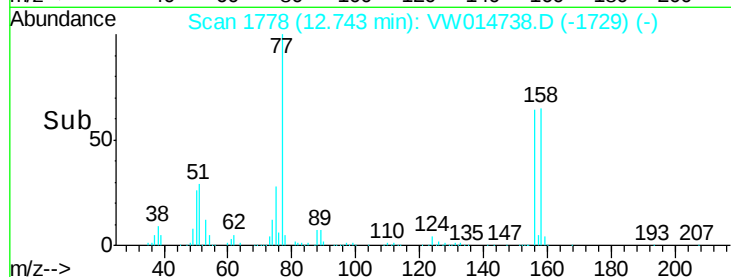
158 96.8 48.3 144.8



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: 20.93 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014738.D

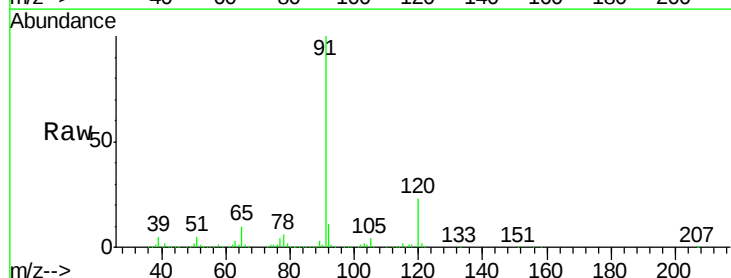
Acq: 24 Jan 2020 11:25

Tgt Ion: 91 Resp: 777145

Ion Ratio Lower Upper

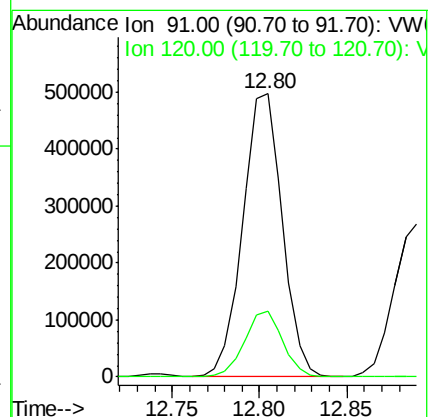
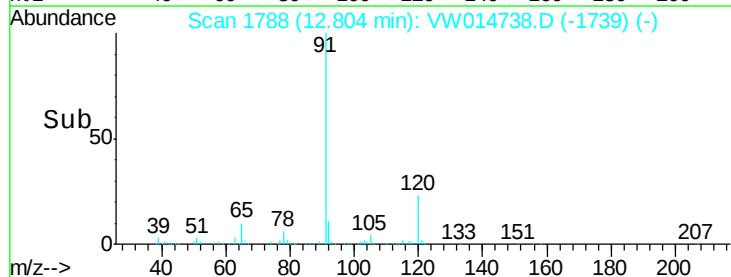
91 100

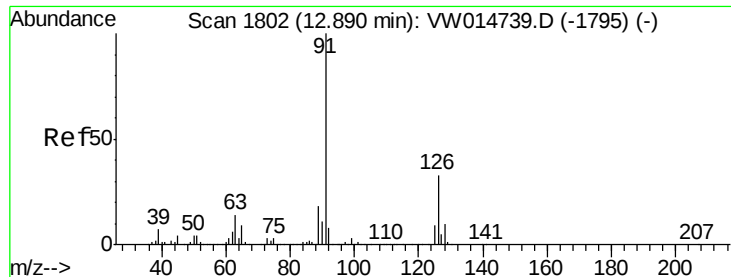
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

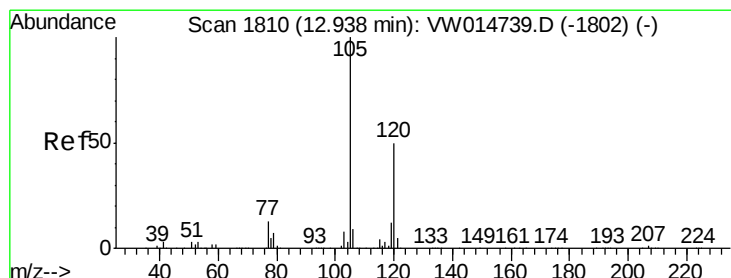
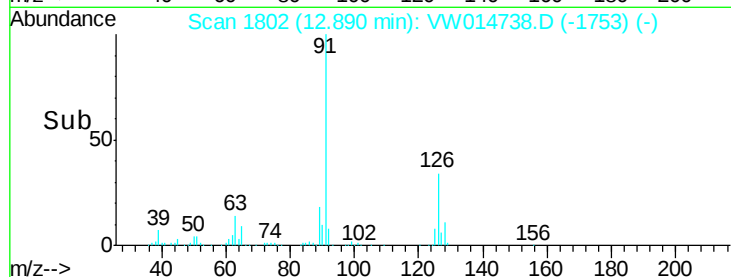
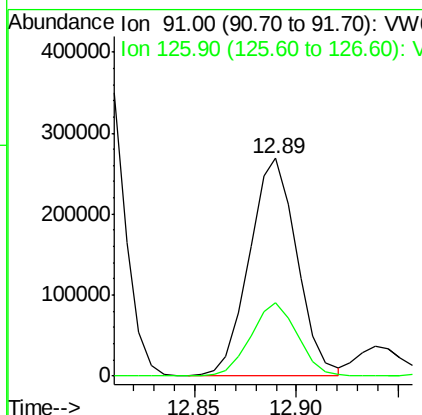
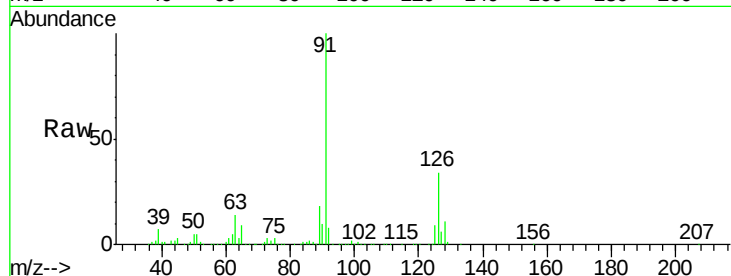




#79  
2-Chlorotoluene  
Concen: 20.61 ug/l  
RT: 12.89 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

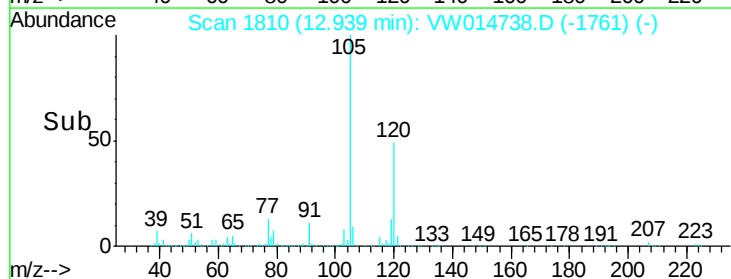
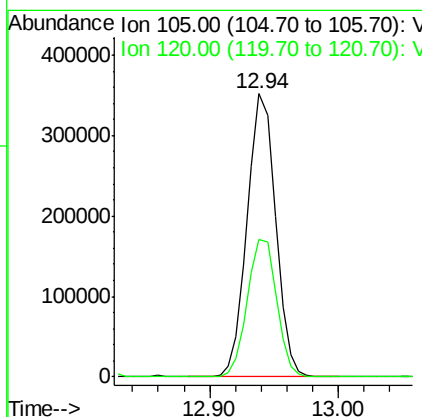
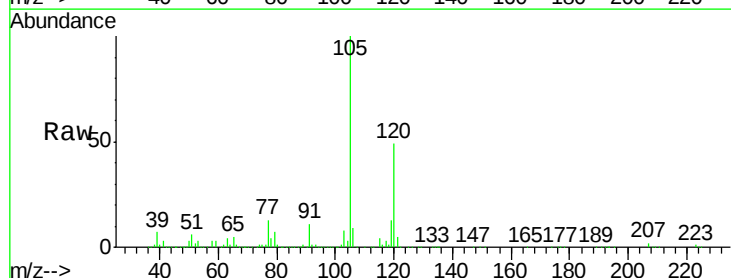
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

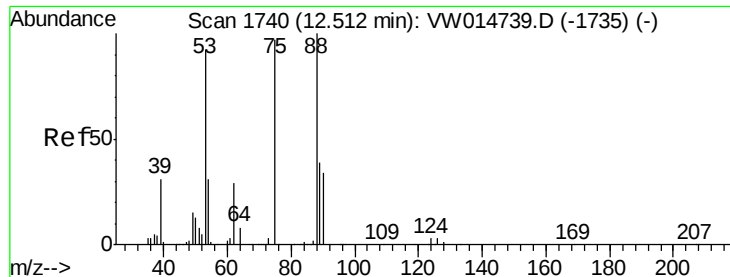
Tgt Ion: 91 Resp: 435052  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.25 ug/l  
RT: 12.94 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion: 105 Resp: 535332  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 22.41 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

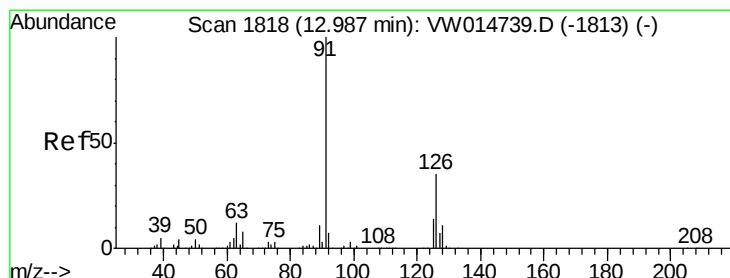
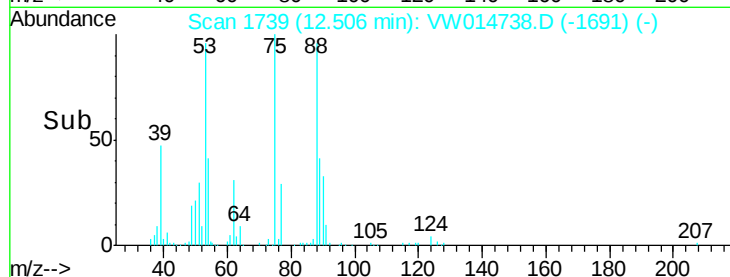
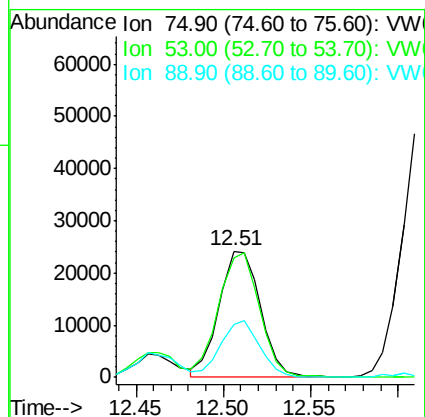
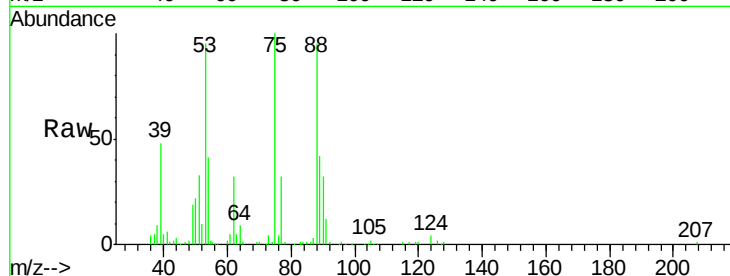
Tgt Ion: 75 Resp: 40005

Ion Ratio Lower Upper

75 100

53 98.0 77.0 115.4

89 42.8 35.2 52.8



#82

4-Chlorotoluene

Concen: 20.64 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014738.D

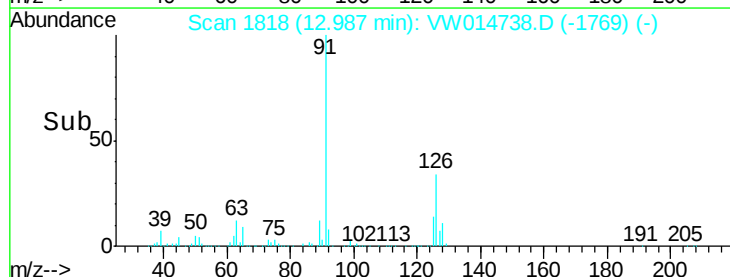
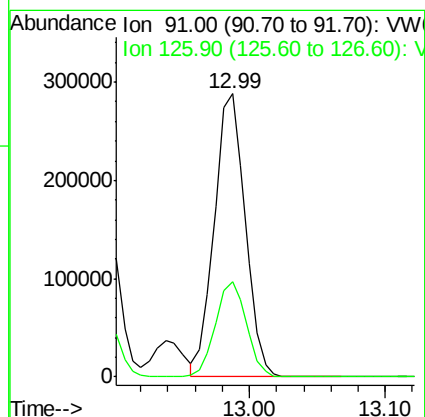
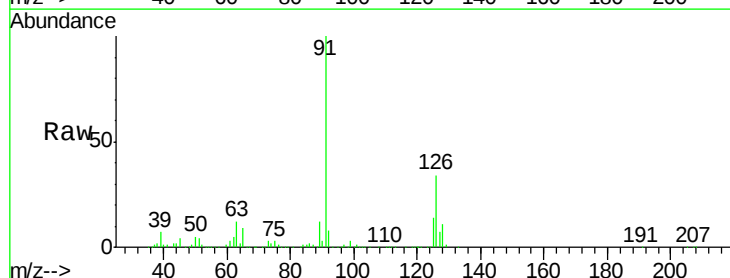
Acq: 24 Jan 2020 11:25

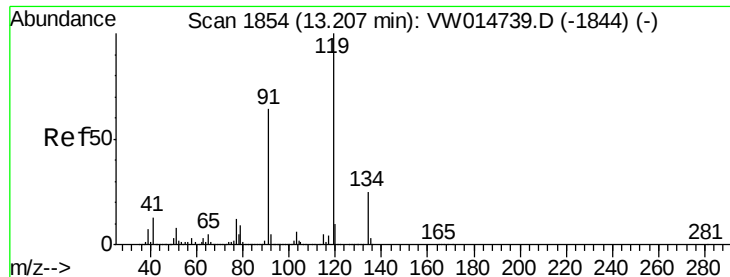
Tgt Ion: 91 Resp: 453441

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.1





#83

tert-Butylbenzene

Concen: 20.13 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

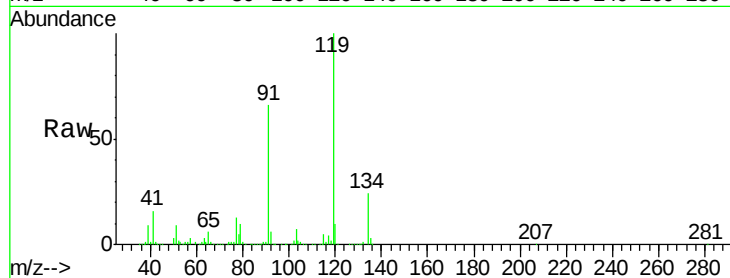
Tgt Ion:119 Resp: 464596

Ion Ratio Lower Upper

119 100

91 63.5 32.1 96.3

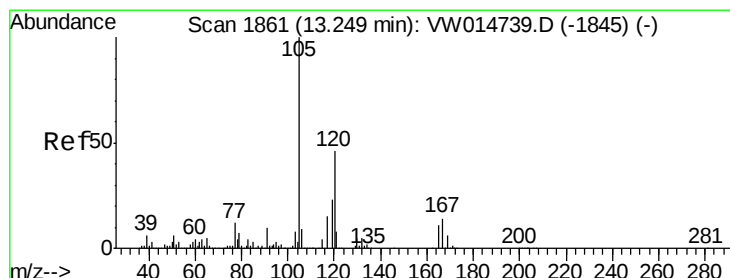
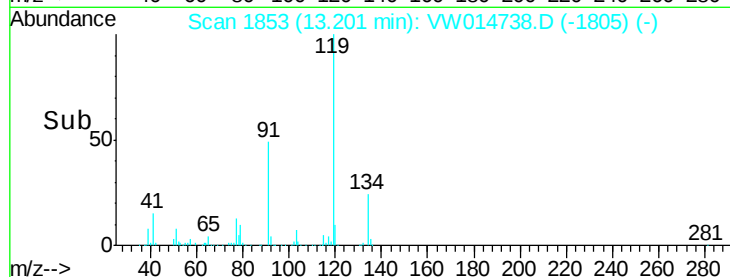
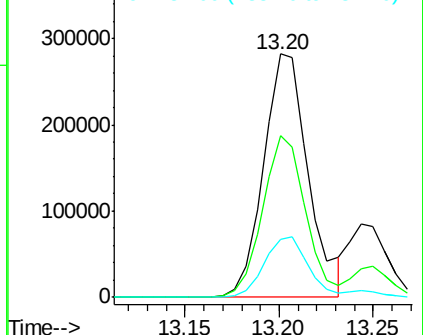
134 24.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.42 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014738.D

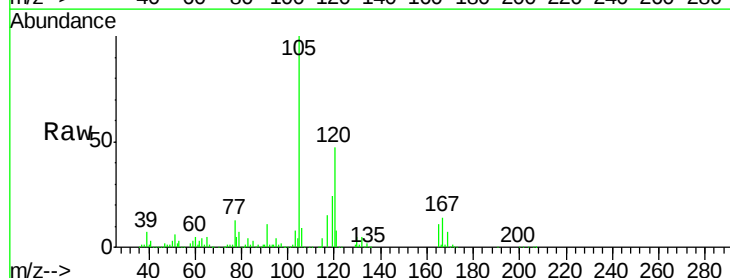
Acq: 24 Jan 2020 11:25

Tgt Ion:105 Resp: 537924

Ion Ratio Lower Upper

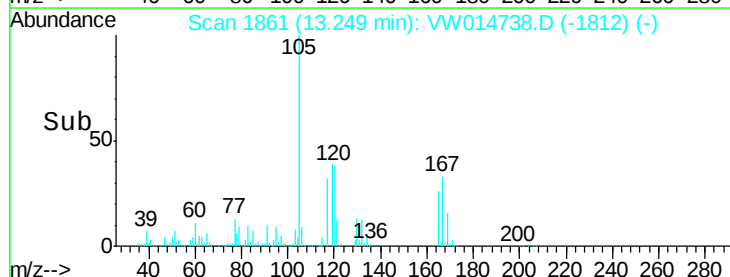
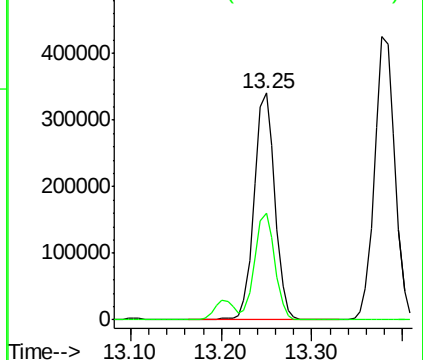
105 100

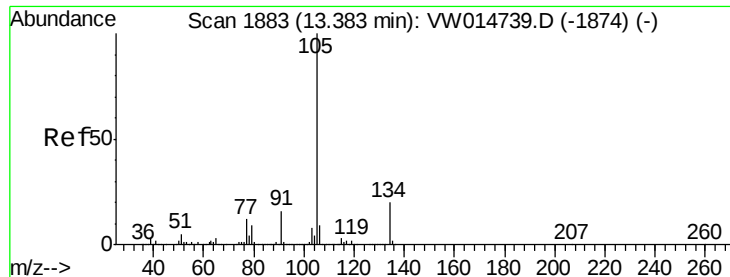
120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

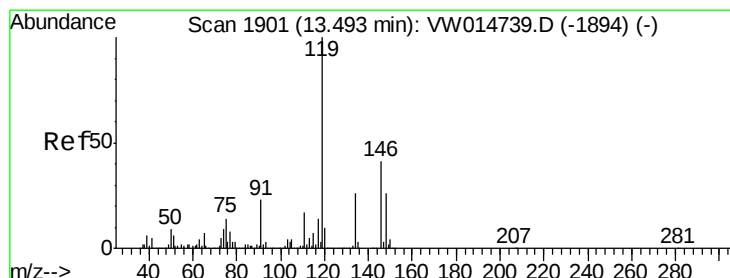
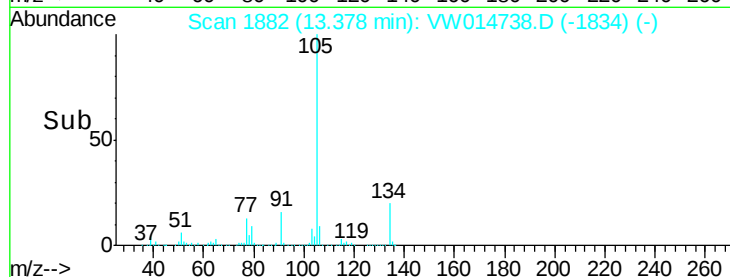
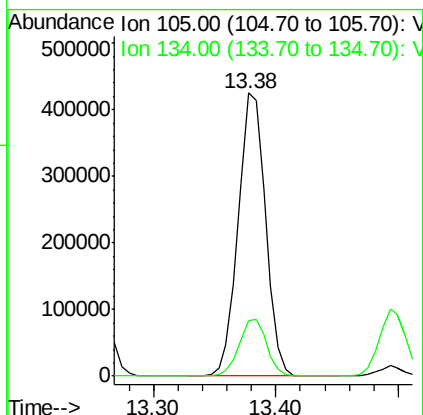
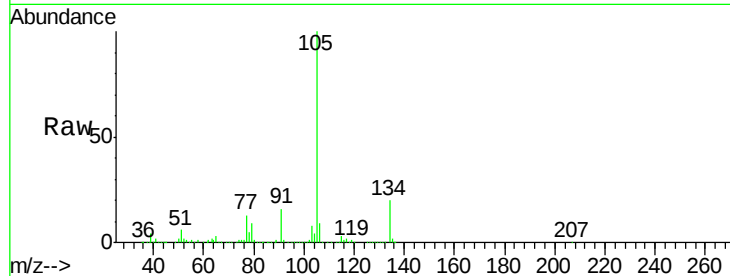




#85  
 sec-Butylbenzene  
 Concen: 20.54 ug/l  
 RT: 13.38 min Scan# 1882  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

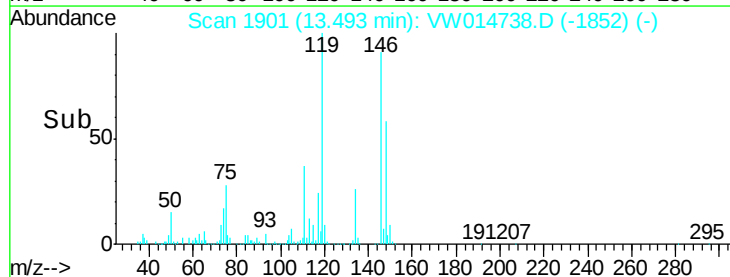
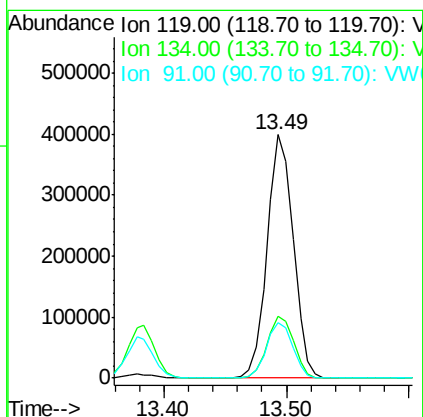
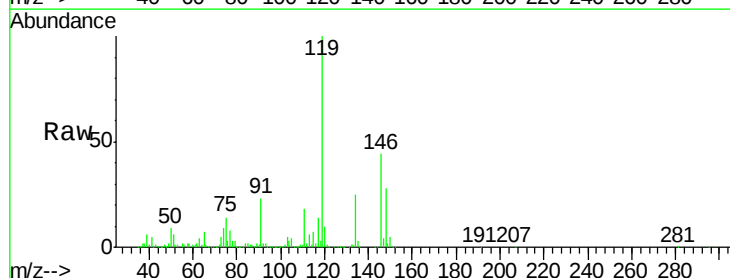
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

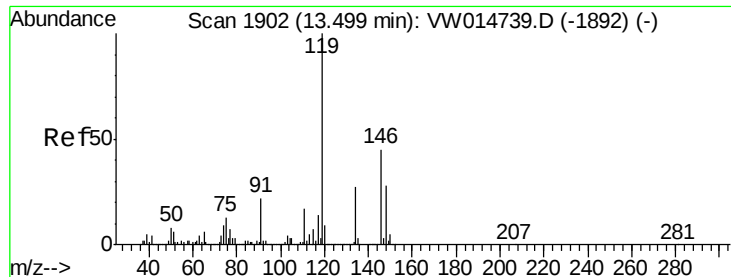
Tgt Ion:105 Resp: 657778  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 20.27 ug/l  
 RT: 13.49 min Scan# 1901  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion:119 Resp: 592398  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.0 38.9  
 91 23.1 11.4 34.2

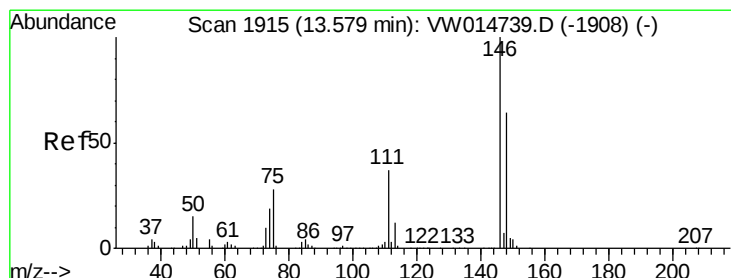
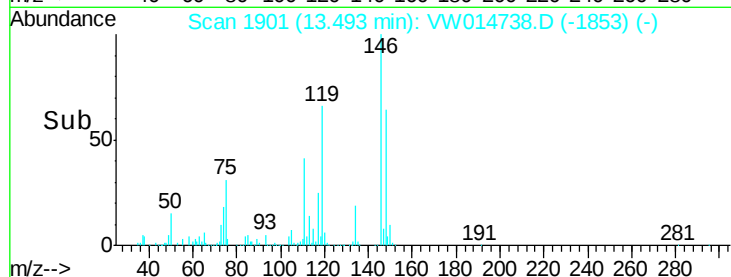
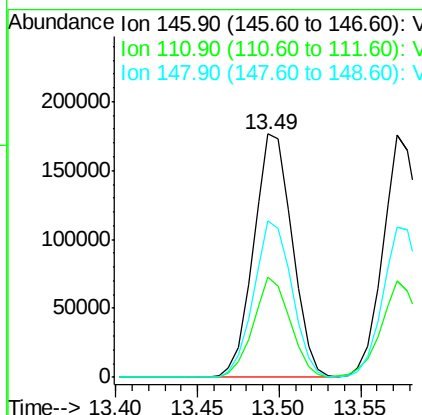
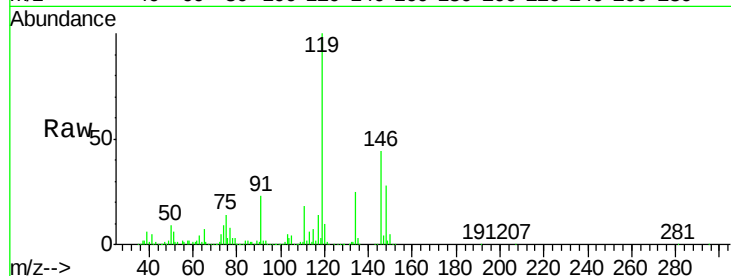




#87  
 1,3-Dichlorobenzene  
 Concen: 20.38 ug/l  
 RT: 13.49 min Scan# 1901  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

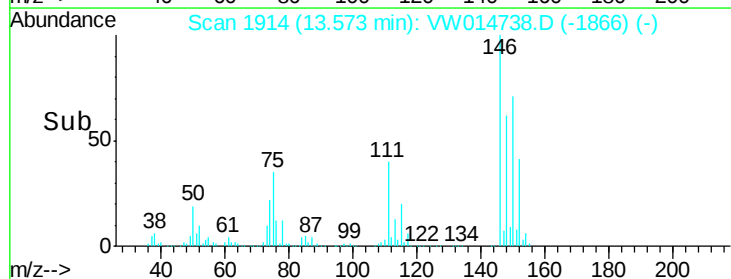
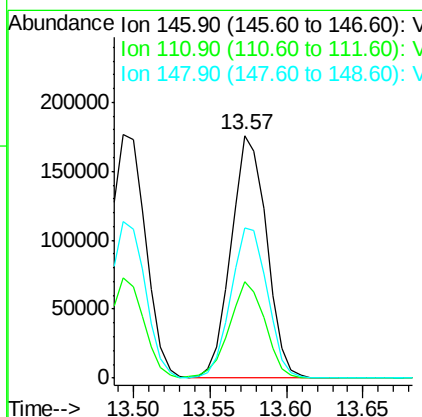
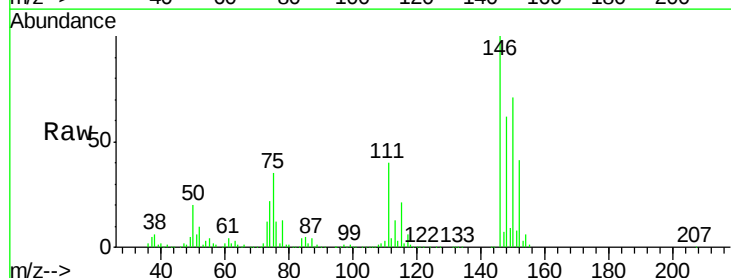
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

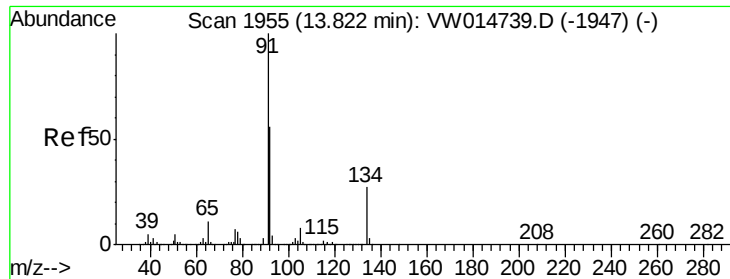
Tgt Ion:146 Resp: 288735  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 19.8 59.4  
 148 63.8 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 20.23 ug/l  
 RT: 13.57 min Scan# 1914  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion:146 Resp: 282249  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 19.4 58.4  
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 20.85 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014738.D

Acq: 24 Jan 2020 11:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC020

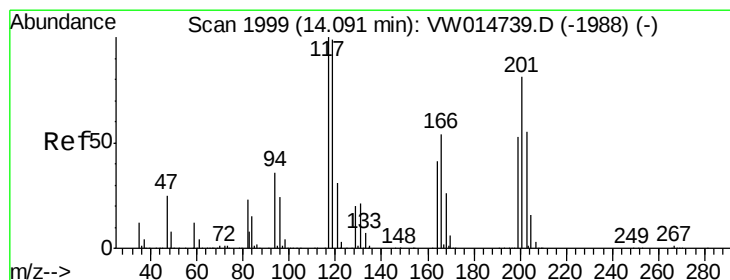
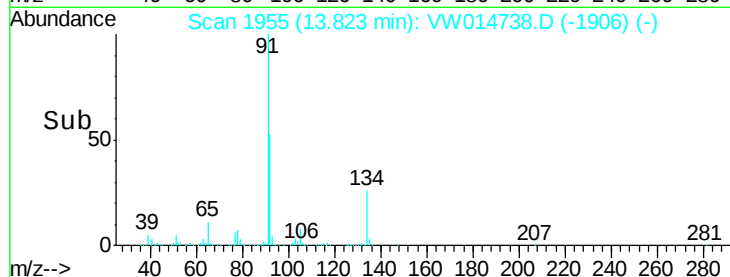
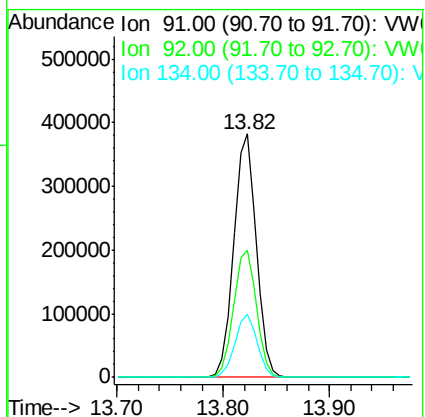
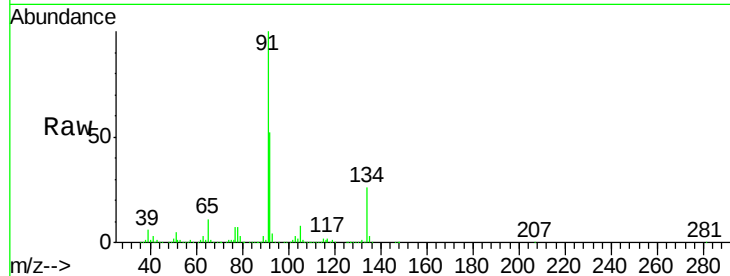
Tgt Ion: 91 Resp: 567330

Ion Ratio Lower Upper

91 100

92 53.2 27.5 82.4

134 25.7 13.1 39.1



#90

Hexachloroethane

Concen: 20.01 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014738.D

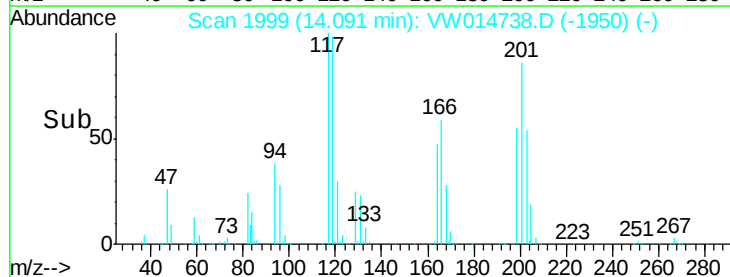
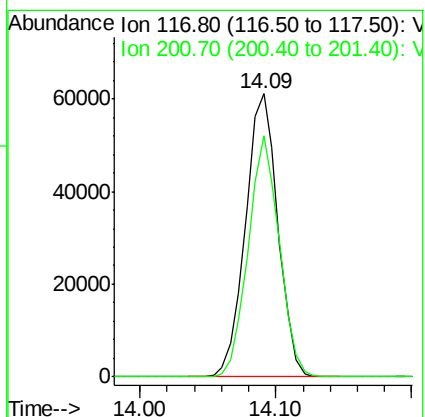
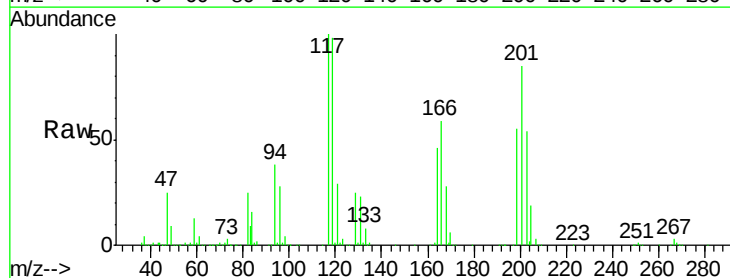
Acq: 24 Jan 2020 11:25

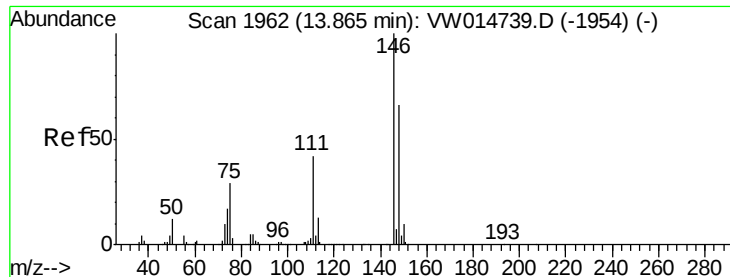
Tgt Ion: 117 Resp: 101769

Ion Ratio Lower Upper

117 100

201 81.8 41.6 124.9

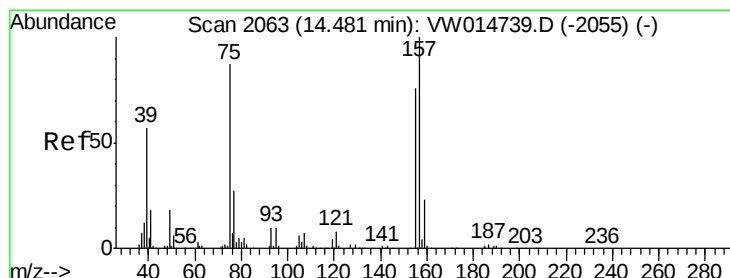
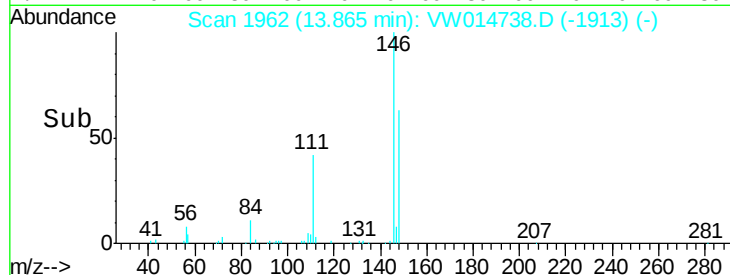
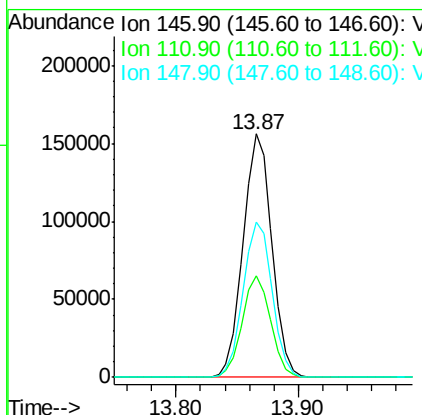
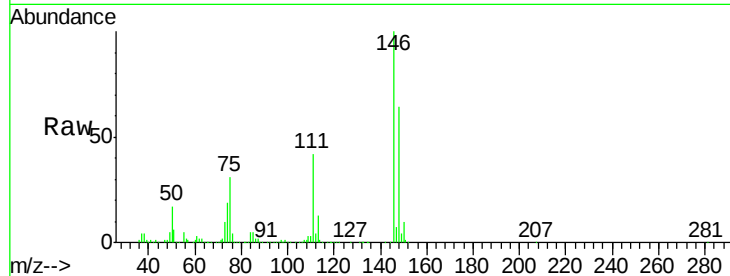




#91  
 1,2-Dichlorobenzene  
 Concen: 20.43 ug/l  
 RT: 13.87 min Scan# 1962  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

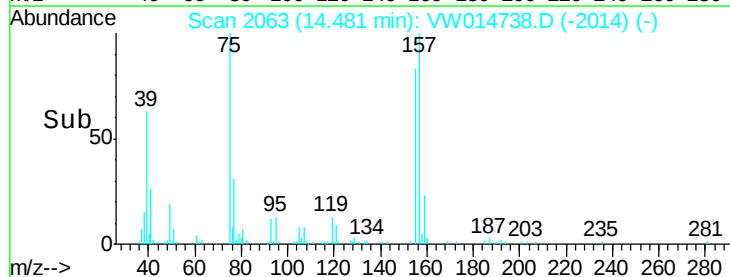
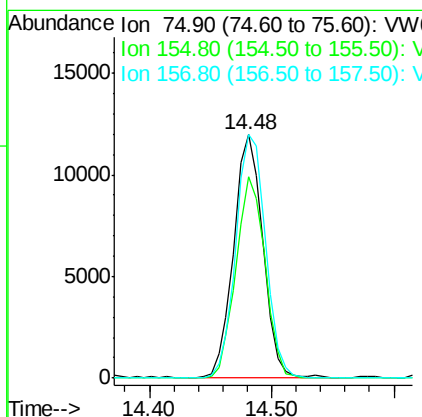
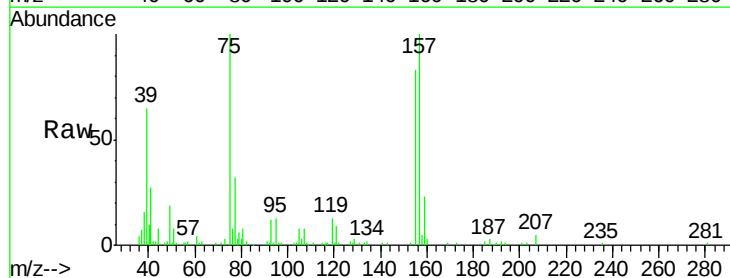
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

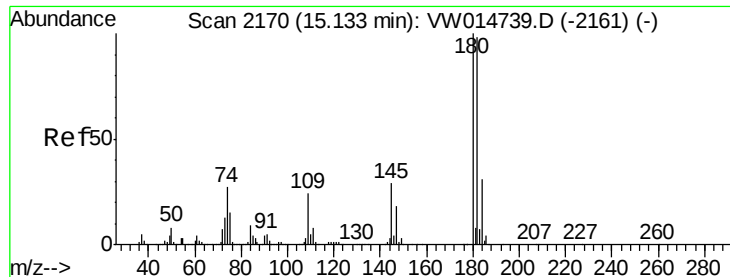
Tgt Ion:146 Resp: 254546  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.7 62.1  
 148 64.5 32.5 97.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.41 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion: 75 Resp: 19760  
 Ion Ratio Lower Upper  
 75 100  
 155 82.3 42.5 127.5  
 157 101.6 54.8 164.4

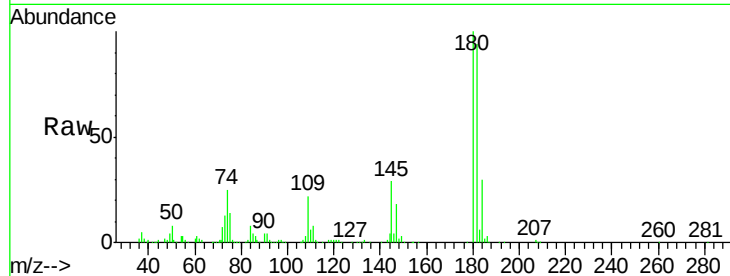




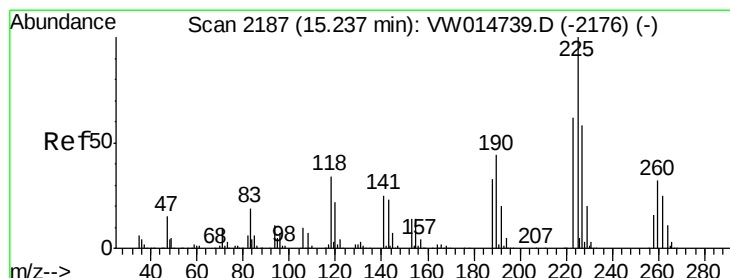
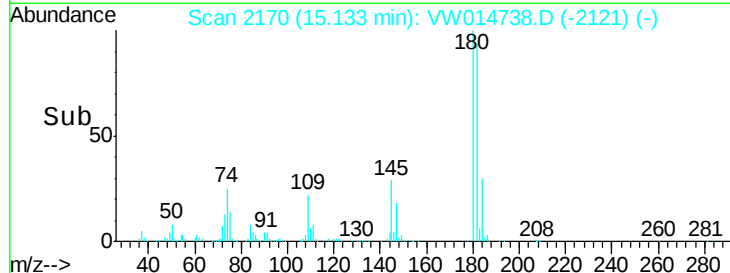
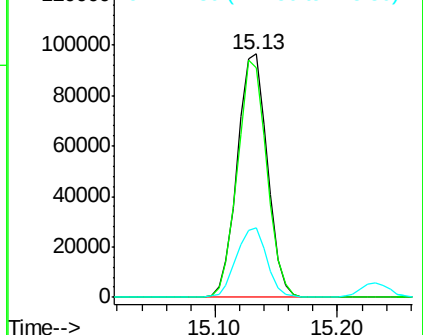
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.69 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. 0.00 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:180 Resp: 164104  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 48.6 145.9  
 145 29.1 14.7 44.1

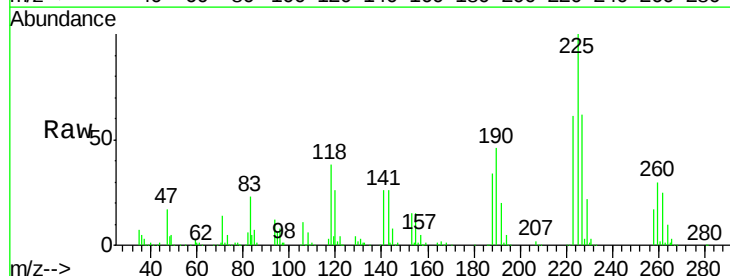


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

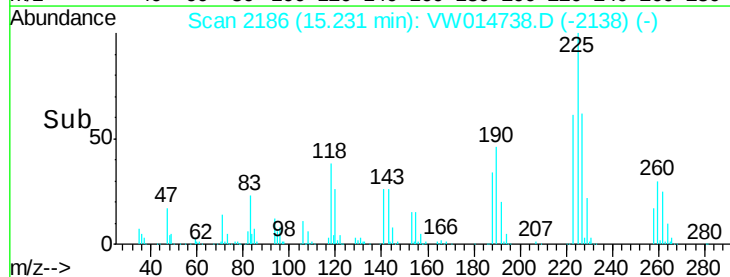
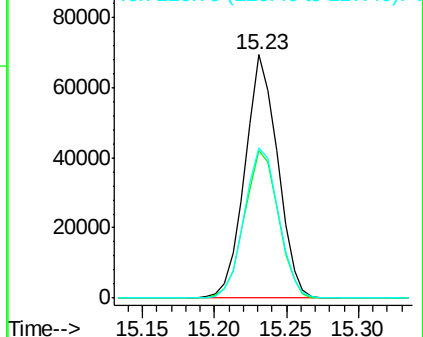


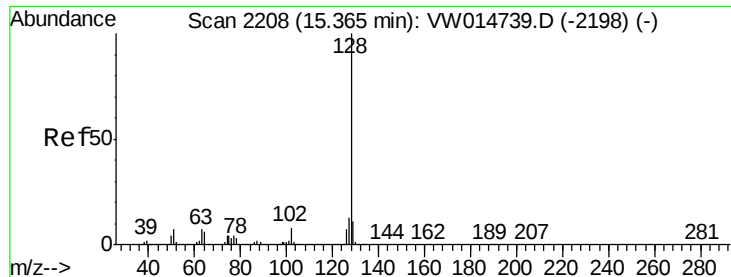
#94  
 Hexachlorobutadiene  
 Concen: 19.32 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: VW014738.D  
 Acq: 24 Jan 2020 11:25

Tgt Ion:225 Resp: 108782  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 31.4 94.3  
 227 64.5 30.9 92.8



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

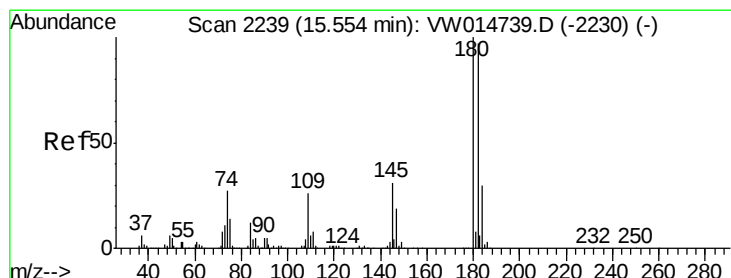
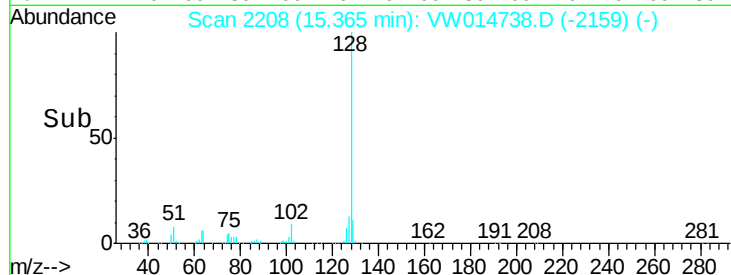
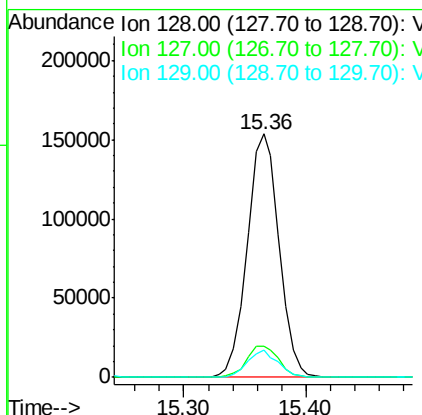
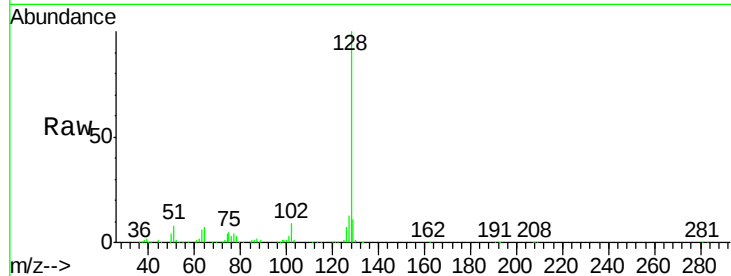




#95  
Naphthalene  
Concen: 19.79 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC020

Tgt Ion:128 Resp: 278141  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 15.8  
129 10.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.25 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VW014738.D  
Acq: 24 Jan 2020 11:25

Tgt Ion:180 Resp: 139606  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.2 141.6  
145 31.6 15.4 46.4

