

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\  
 Data File : VW011510.D  
 Acq On : 26 Jul 2019 11:57  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5.0ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Quant Time: Jul 27 00:12:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 27 00:06:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 234255   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 381991   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 335925   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 162720   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 27908    | 10.38 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 20.76% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 22117    | 10.32 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 20.64% |      |
| 50) Toluene-d8              | 10.32  | 98  | 89939    | 10.25 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 20.50% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 31887    | 10.19 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 20.38% |      |

| Target Compounds              |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 13477  | 10.323 | ug/l 99   |
| 3) Chloromethane              | 2.21 | 50  | 24220  | 10.699 | ug/l 99   |
| 4) Vinyl Chloride             | 2.35 | 62  | 27926  | 10.246 | ug/l 99   |
| 5) Bromomethane               | 2.77 | 94  | 15953  | 10.575 | ug/l 83   |
| 6) Chloroethane               | 2.92 | 64  | 15549  | 9.987  | ug/l 91   |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 11524  | 9.461  | ug/l 93   |
| 8) Diethyl Ether              | 3.68 | 74  | 13529  | 9.796  | ug/l 100  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 23171  | 10.028 | ug/l 99   |
| 10) Methyl Iodide             | 4.27 | 142 | 30901  | 9.463  | ug/l 98   |
| 11) Tert butyl alcohol        | 5.16 | 59  | 11437  | 50.646 | ug/l # 91 |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 23815  | 9.762  | ug/l 91   |
| 13) Acrolein                  | 3.90 | 56  | 10131  | 52.490 | ug/l 96   |
| 14) Allyl chloride            | 4.67 | 41  | 49961  | 9.628  | ug/l 99   |
| 15) Acrylonitrile             | 5.36 | 53  | 32421  | 47.028 | ug/l 98   |
| 16) Acetone                   | 4.12 | 43  | 39147  | 45.751 | ug/l 92   |
| 17) Carbon Disulfide          | 4.38 | 76  | 72839  | 9.539  | ug/l 98   |
| 18) Methyl Acetate            | 4.67 | 43  | 17409  | 9.057  | ug/l 99   |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 37467  | 9.678  | ug/l 92   |
| 20) Methylene Chloride        | 4.92 | 84  | 31142  | 10.553 | ug/l 98   |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 25523  | 9.704  | ug/l 98   |
| 22) Diisopropyl ether         | 6.31 | 45  | 94005  | 9.609  | ug/l 94   |
| 23) Vinyl Acetate             | 6.26 | 43  | 285383 | 46.425 | ug/l 99   |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 50299  | 9.600  | ug/l 99   |
| 25) 2-Butanone                | 7.17 | 43  | 52519  | 46.907 | ug/l 98   |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 33244  | 10.317 | ug/l 96   |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 27847  | 9.620  | ug/l 95   |
| 28) Bromochloromethane        | 7.51 | 49  | 24653  | 10.601 | ug/l 99   |
| 29) Tetrahydrofuran           | 7.53 | 42  | 30136  | 47.088 | ug/l 100  |
| 30) Chloroform                | 7.67 | 83  | 46973  | 9.718  | ug/l 100  |
| 31) Cyclohexane               | 7.95 | 56  | 50622  | 10.065 | ug/l # 87 |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 35664  | 9.688  | ug/l 99   |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 38359  | 9.657  | ug/l 98   |
| 37) Ethyl Acetate             | 7.26 | 43  | 21744  | 9.515  | ug/l # 96 |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 32805  | 9.648  | ug/l 96   |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 42220    | 9.653   | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 108052   | 9.712   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 11780    | 8.624   | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 34102    | 9.790   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 39361    | 9.366   | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 25779    | 9.640   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 28452    | 9.558   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 13055    | 9.608   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 33414    | 9.375   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 17935    | 8.884   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 3813     | 193.816 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 102733   | 46.996  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 64386    | 9.583   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 33468    | 8.989   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 40783    | 9.213   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 18083    | 9.380   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 25284    | 8.963   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 34209    | 9.379   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 69396    | 54.180  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 69674    | 45.141  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 19563    | 9.142   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 17624    | 9.660   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 21568    | 9.861   | ug/l   | 93       |
| 65) Chlorobenzene              | 11.66 | 112  | 65286    | 9.667   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 21902    | 9.310   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 121567   | 9.451   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 89654    | 19.166  | ug/l   | 100      |
| 69) o-Xylene                   | 12.16 | 106  | 41451    | 9.536   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 70999    | 9.447   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 10769    | 8.978   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 115201   | 9.490   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 33989    | 8.943   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 21660    | 9.486   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 28505    | 16.501  | ug/l # | 100      |
| 77) Bromobenzene               | 12.75 | 156  | 25453    | 9.486   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 140147   | 9.486   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 82108    | 9.647   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 98112    | 9.642   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 6928     | 9.273   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 86681    | 9.707   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 81240    | 9.547   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 97087    | 9.471   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 116432   | 9.589   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 105778   | 9.602   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 51073    | 9.708   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 51079    | 9.760   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.82 | 91   | 103842   | 9.445   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 17643    | 9.057   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 45051    | 9.682   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 3545     | 9.104   | ug/l   | 97       |

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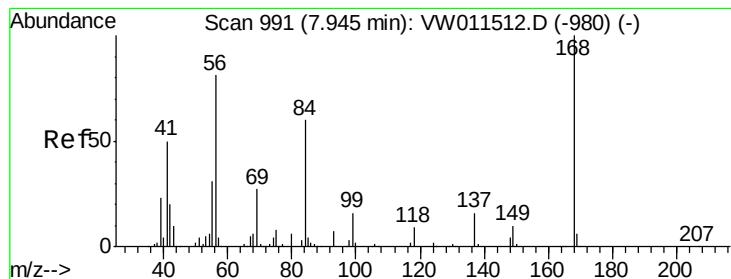
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

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Quant Title : SW846 8260  
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Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 30074    | 9.171 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 19951    | 9.755 | ug/l  | 97       |
| 95) Naphthalene            | 15.37 | 128  | 49438    | 8.503 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 26956    | 9.377 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

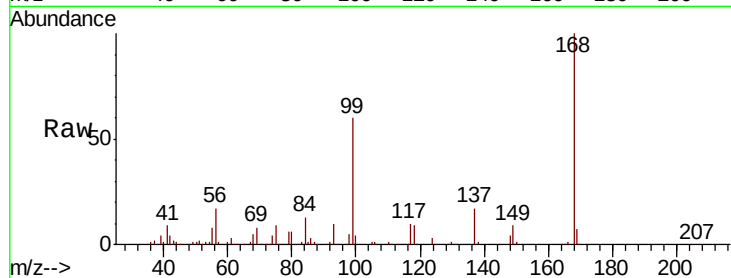
VSTDIC010

Tot Ion:168 Resp: 234255

Ion Ratio Lower Upper

168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

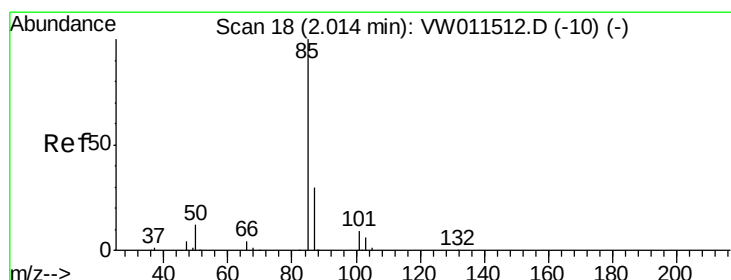
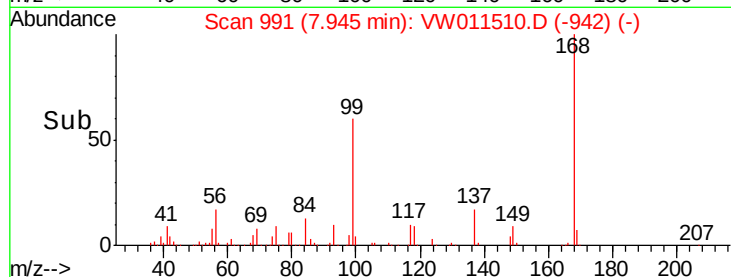
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 10.323 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011510.D

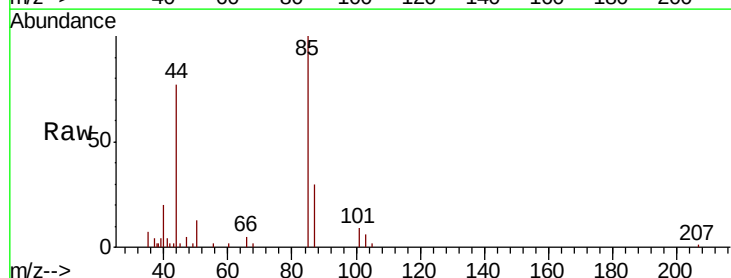
Acq: 26 Jul 2019 11:57

Tgt Ion: 85 Resp: 13477

Ion Ratio Lower Upper

85 100

87 30.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

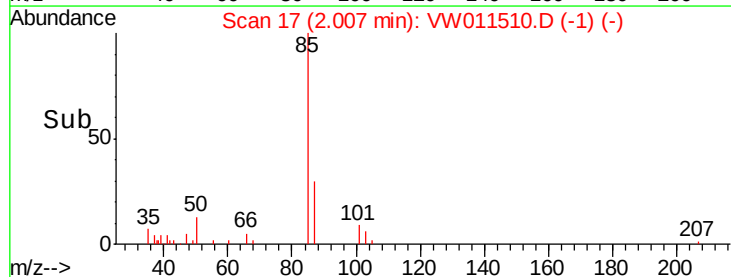
3000

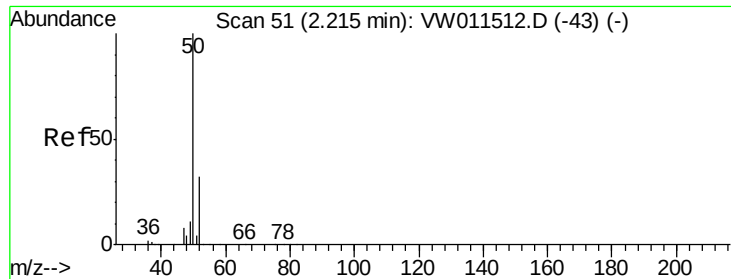
2000

1000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 10.699 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

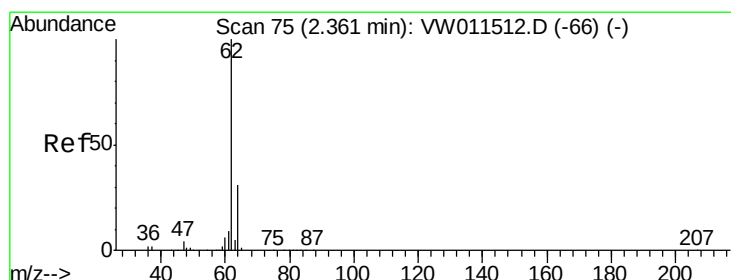
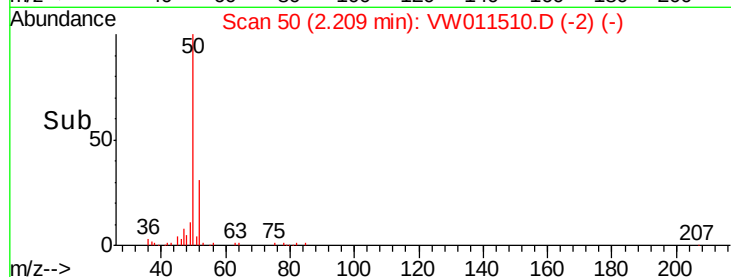
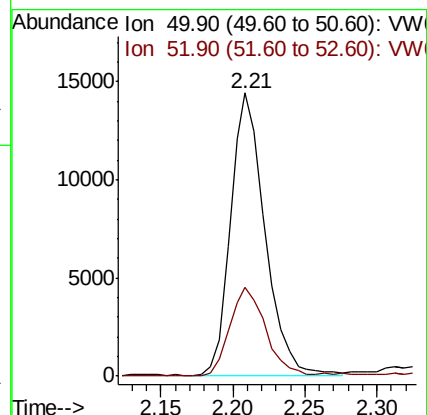
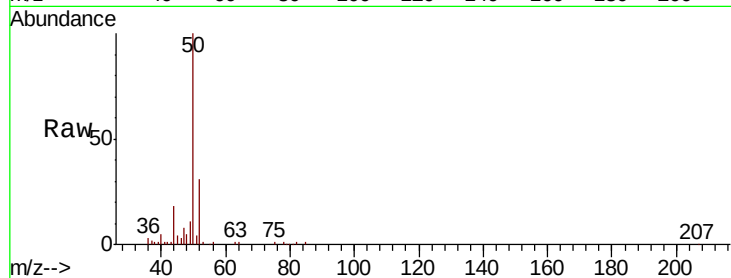
VSTDIC010

Tot Ion: 50 Resp: 24220

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 10.246 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011510.D

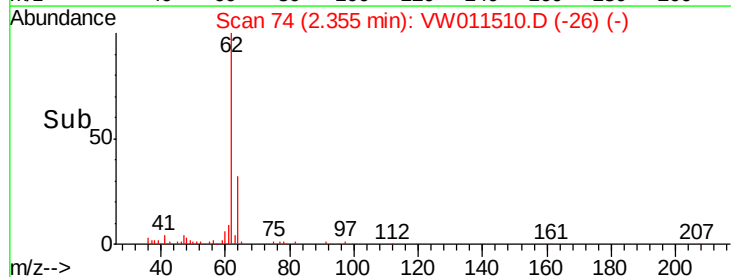
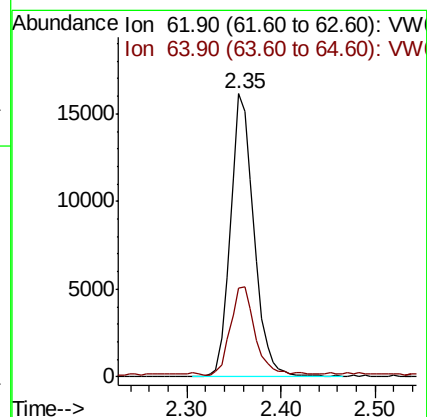
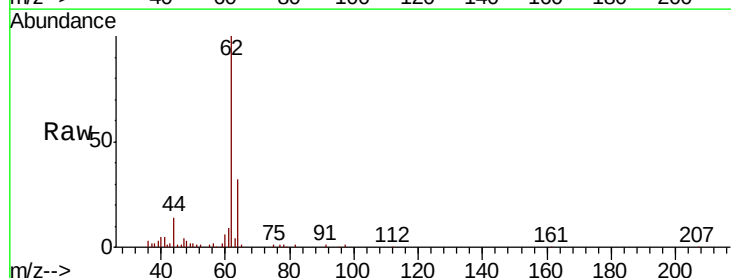
Acq: 26 Jul 2019 11:57

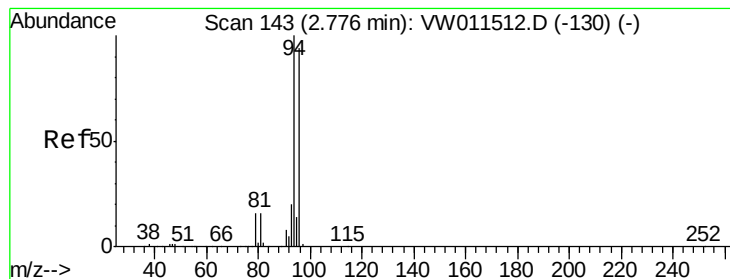
Tgt Ion: 62 Resp: 27926

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4





#5

Bromomethane

Concen: 10.575 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

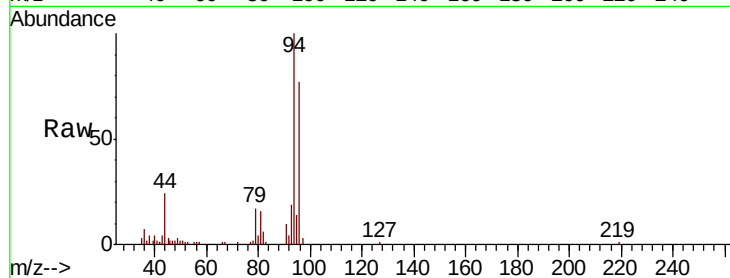
VSTDIC010

Tot Ion: 94 Resp: 15953

Ion Ratio Lower Upper

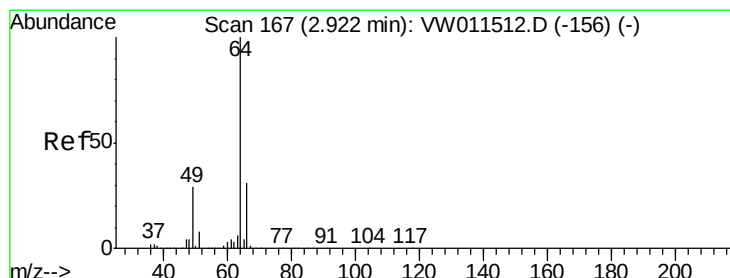
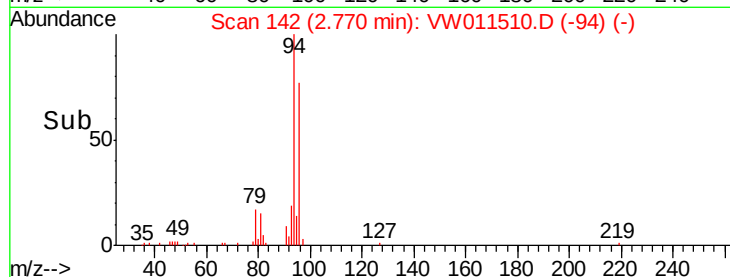
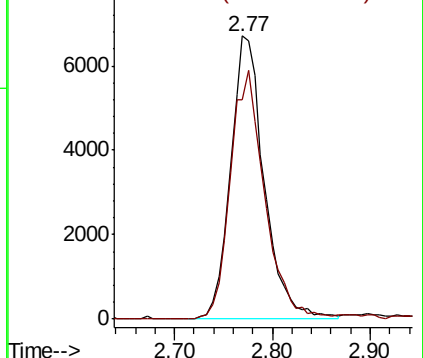
94 100

96 77.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.987 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011510.D

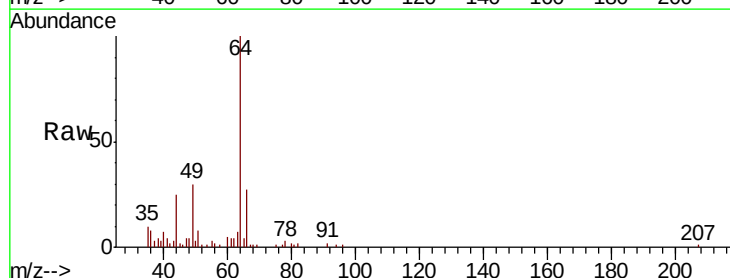
Acq: 26 Jul 2019 11:57

Tgt Ion: 64 Resp: 15549

Ion Ratio Lower Upper

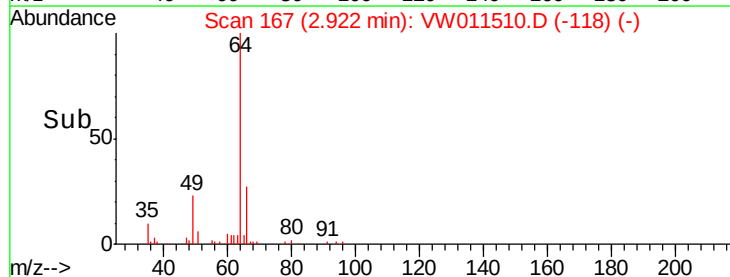
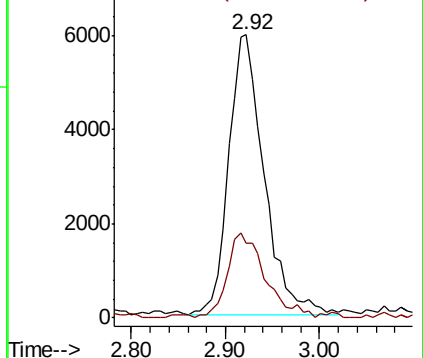
64 100

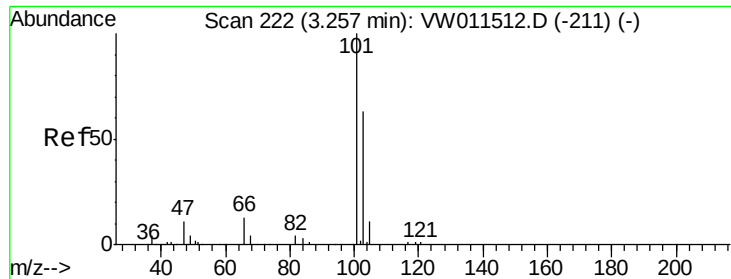
66 25.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



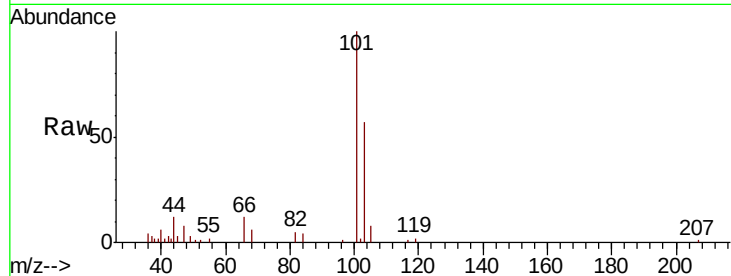


#7

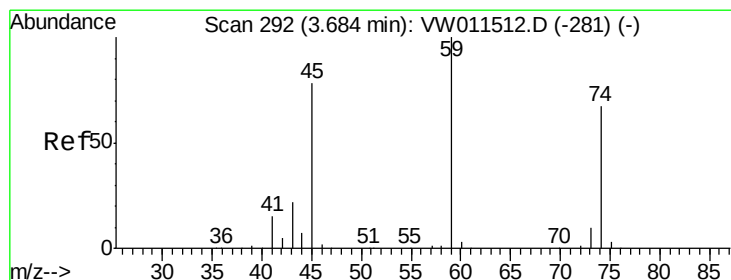
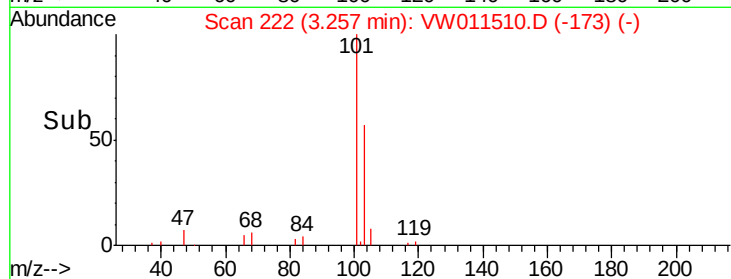
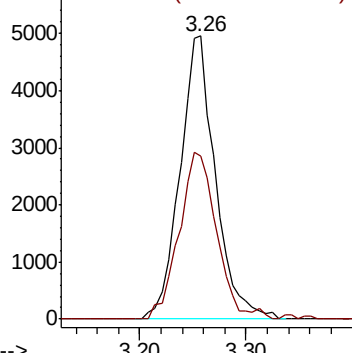
Trichlorofluoromethane  
 Concen: 9.461 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
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Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC010

Tot Ion:101 Resp: 11524  
 Ion Ratio Lower Upper  
 101 100  
 103 57.5 50.2 75.4



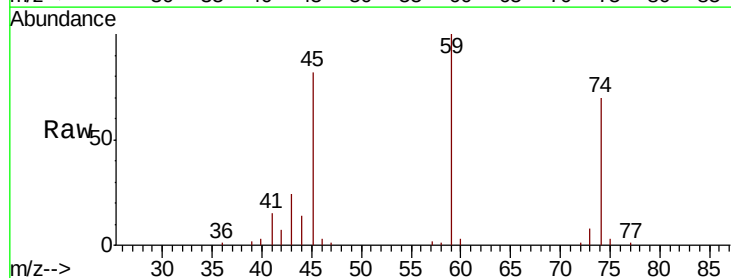
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



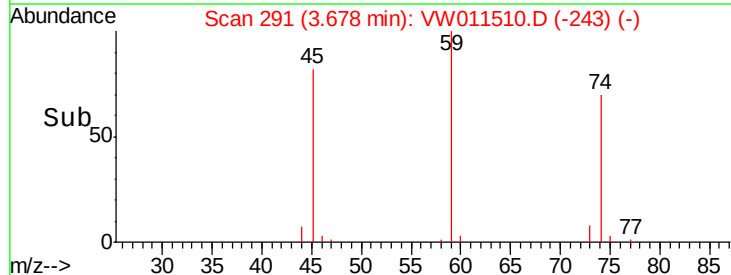
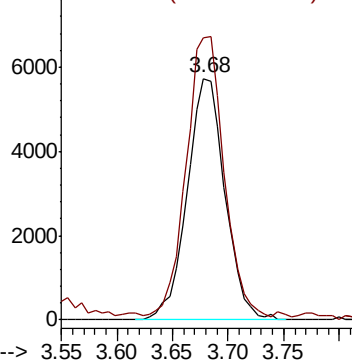
#8

Diethyl Ether  
 Concen: 9.796 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

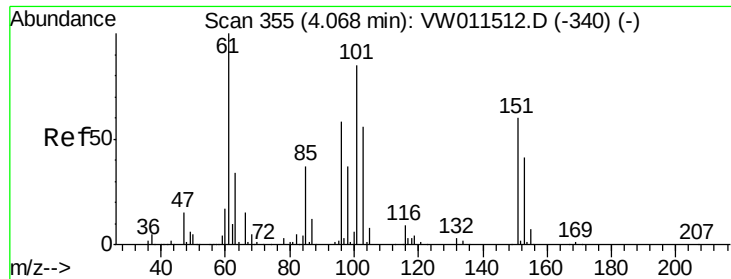
Tgt Ion: 74 Resp: 13529  
 Ion Ratio Lower Upper  
 74 100  
 45 119.6 59.6 178.8



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.028 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

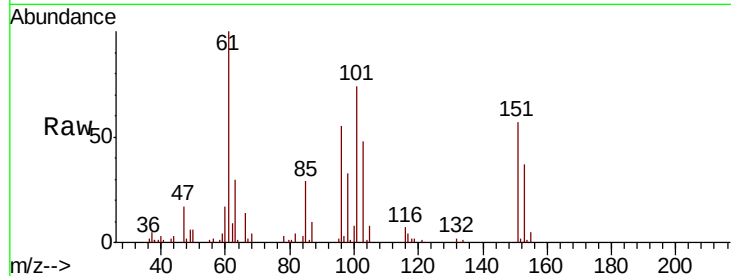
Tot Ion:101 Resp: 23171

Ion Ratio Lower Upper

101 100

85 46.2 36.6 54.8

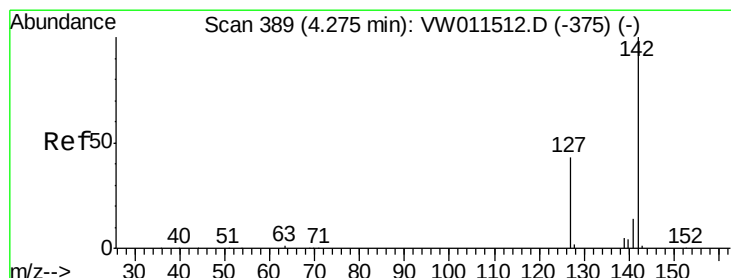
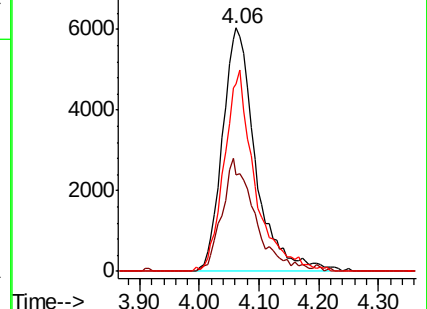
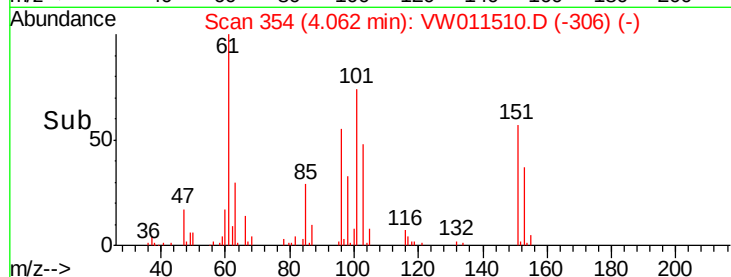
151 76.7 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.463 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

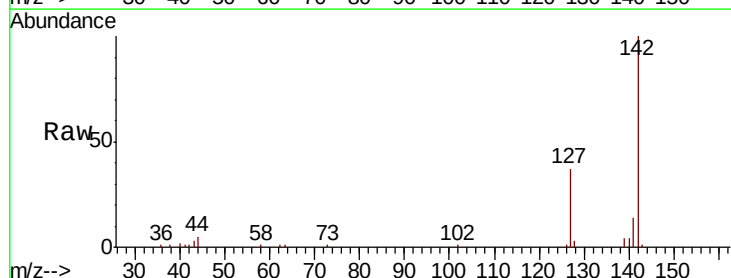
Tgt Ion:142 Resp: 30901

Ion Ratio Lower Upper

142 100

127 41.7 35.0 52.6

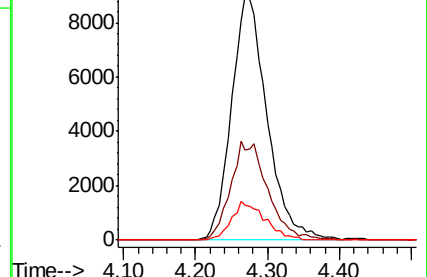
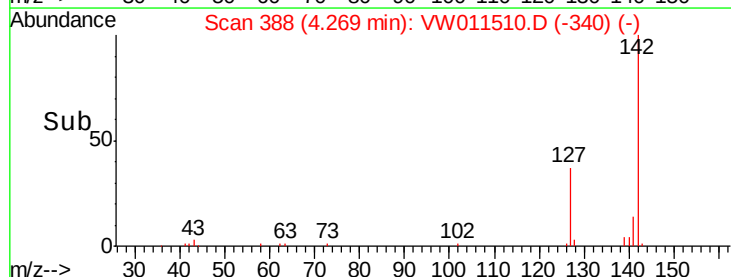
141 14.9 11.9 17.9

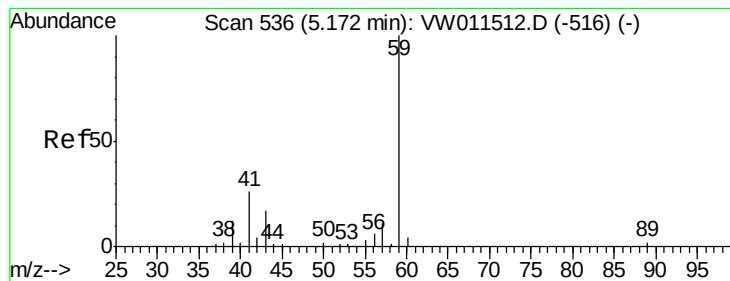


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



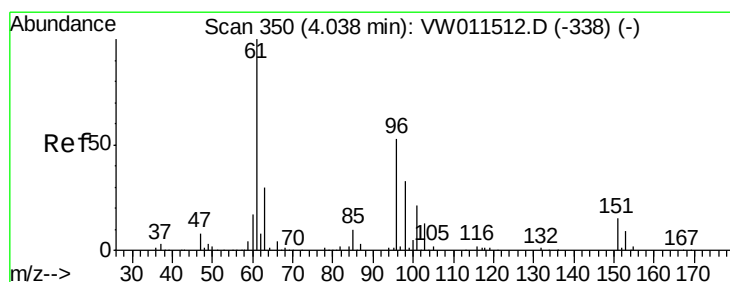
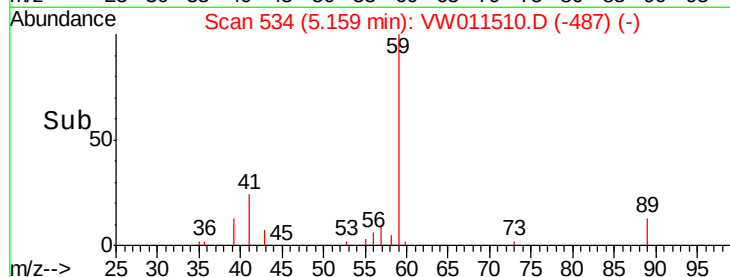
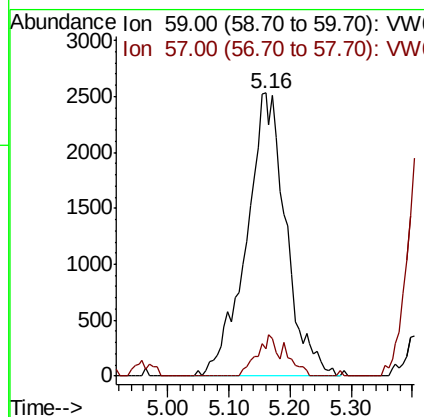
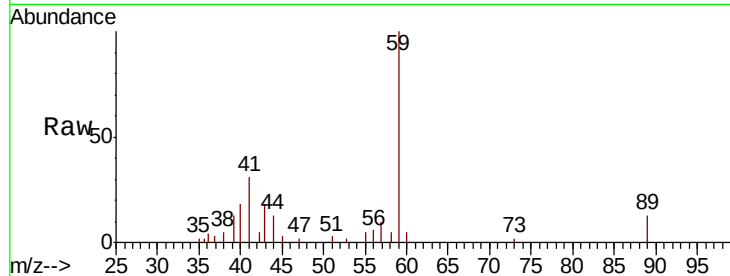


#11

Tert butyl alcohol  
 Concen: 50.646 ug/l  
 RT: 5.16 min Scan# 534  
 Delta R.T. -0.01 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC010

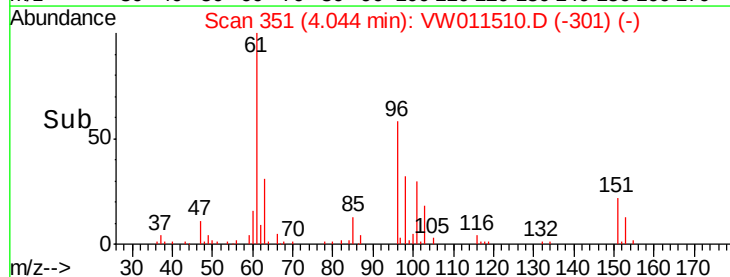
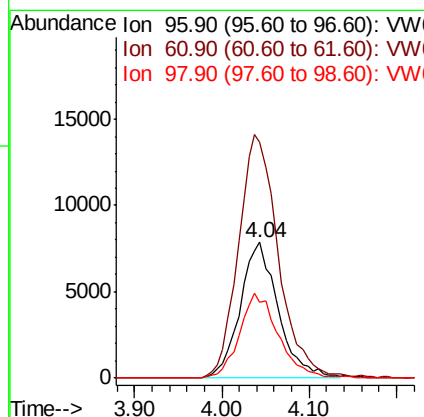
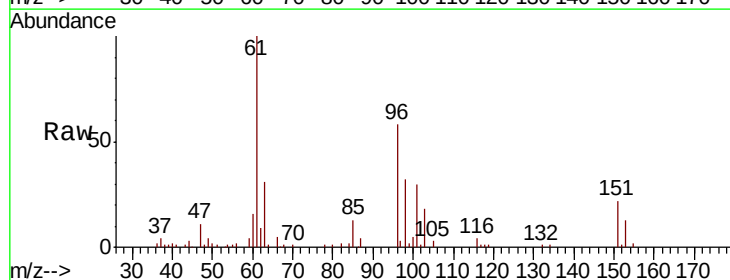
Tot Ion: 59 Resp: 11437  
 Ion Ratio Lower Upper  
 59 100  
 57 7.2 8.5 12.7#

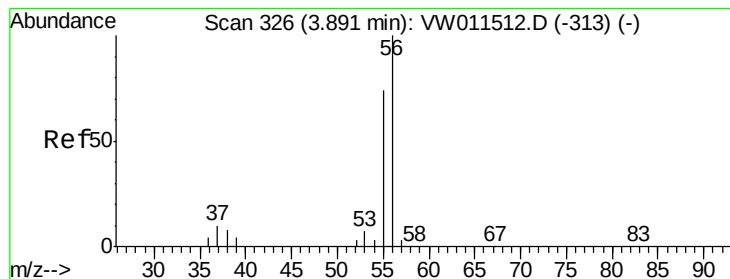


#12

1,1-Dichloroethene  
 Concen: 9.762 ug/l  
 RT: 4.04 min Scan# 351  
 Delta R.T. 0.01 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion: 96 Resp: 23815  
 Ion Ratio Lower Upper  
 96 100  
 61 173.7 149.9 224.9  
 98 55.9 49.1 73.7





#13

Acrolein

Concen: 52.490 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

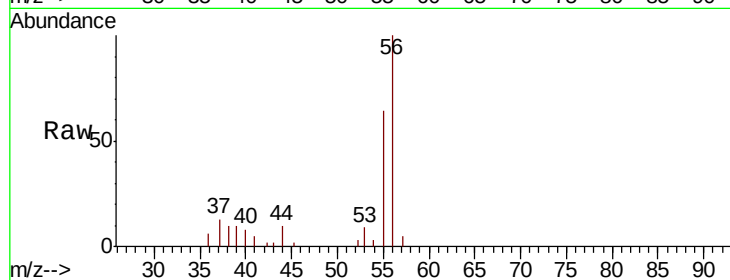
VSTDIC010

Tot Ion: 56 Resp: 10131

Ion Ratio Lower Upper

56 100

55 73.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

4000

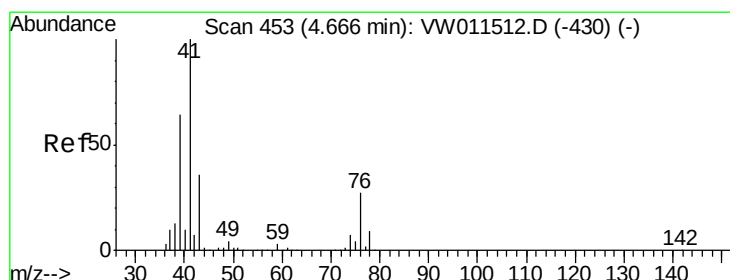
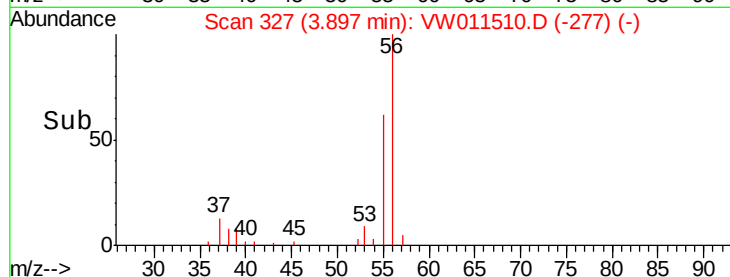
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 9.628 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

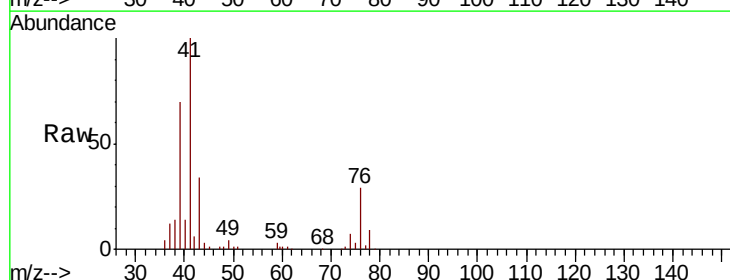
Tgt Ion: 41 Resp: 49961

Ion Ratio Lower Upper

41 100

39 65.0 52.6 78.8

76 27.3 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

20000

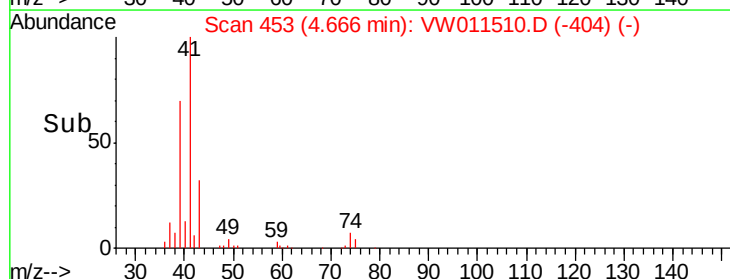
15000

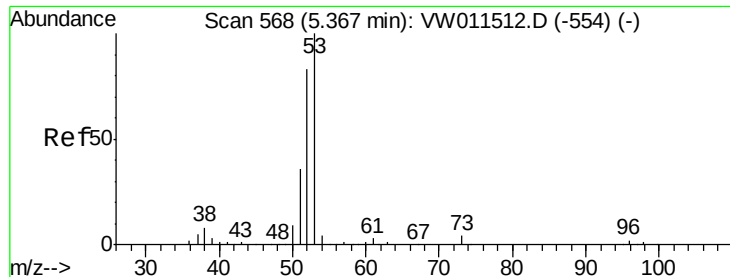
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 47.028 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

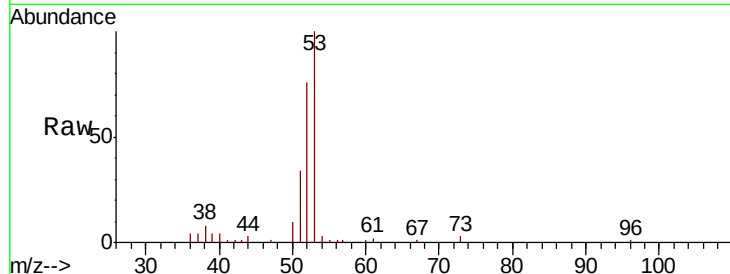
Tot Ion: 53 Resp: 32421

Ion Ratio Lower Upper

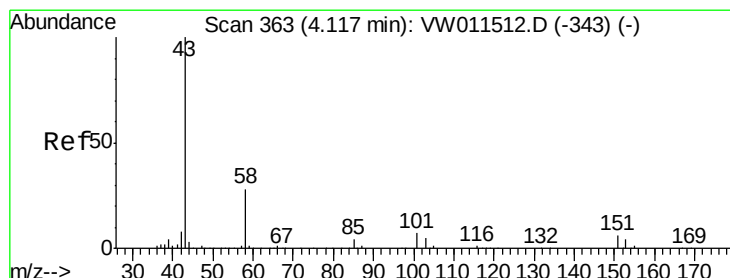
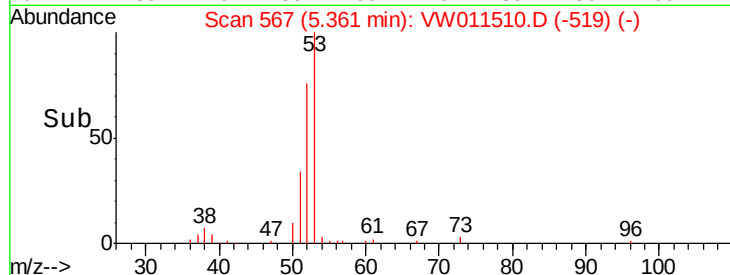
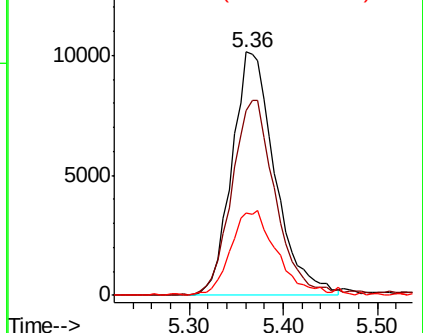
53 100

52 81.7 67.2 100.8

51 37.0 30.0 45.0



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



#16

Acetone

Concen: 45.751 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011510.D

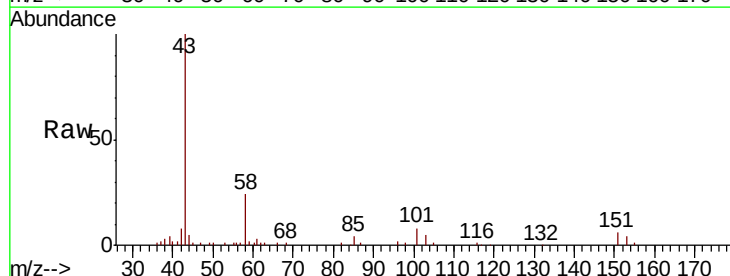
Acq: 26 Jul 2019 11:57

Tgt Ion: 43 Resp: 39147

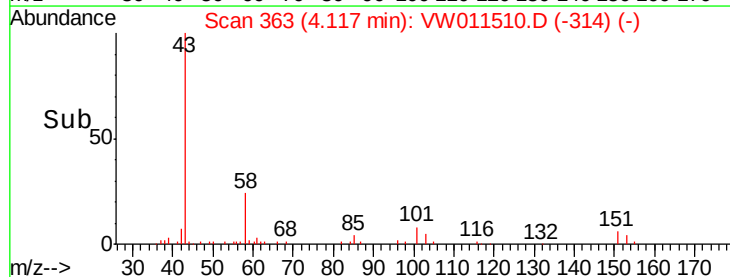
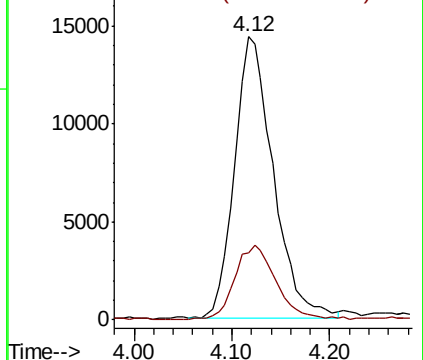
Ion Ratio Lower Upper

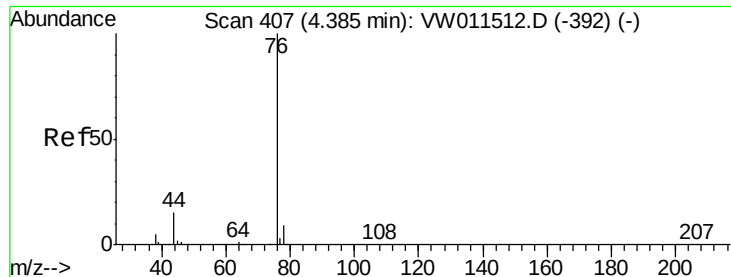
43 100

58 23.7 22.3 33.5



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

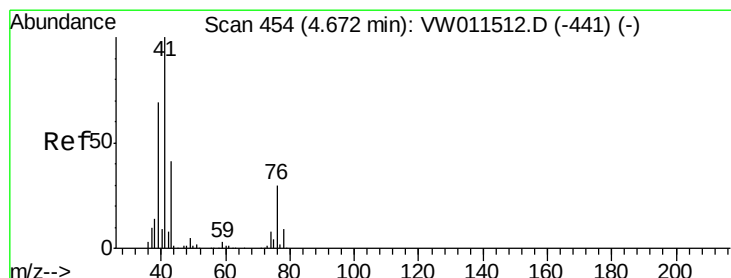
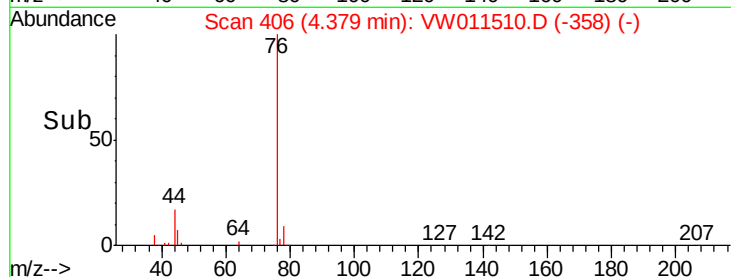
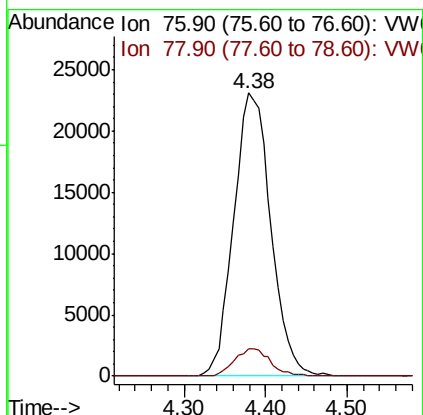
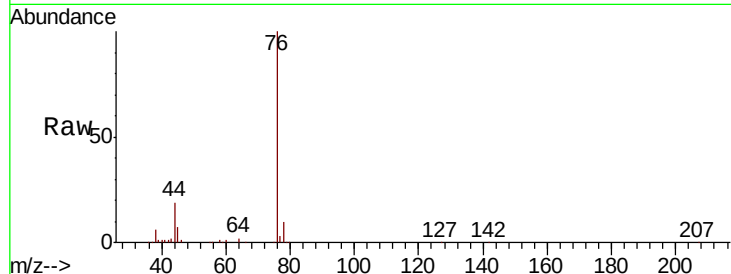




#17  
Carbon Disulfide  
Concen: 9.539 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

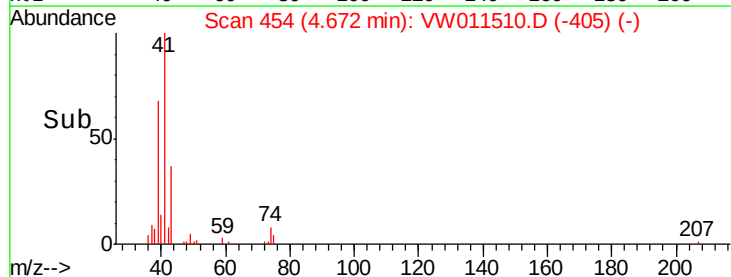
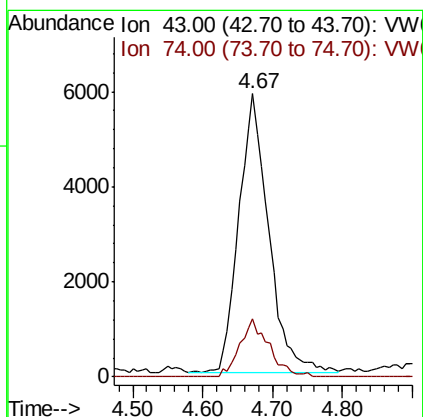
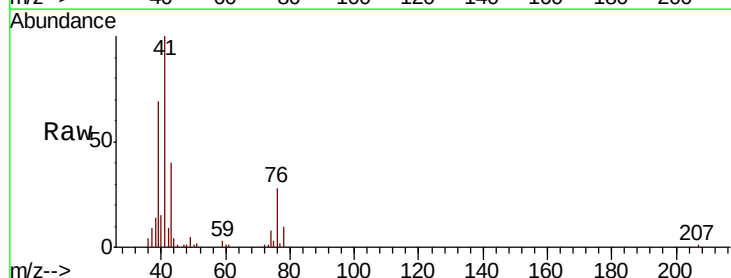
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

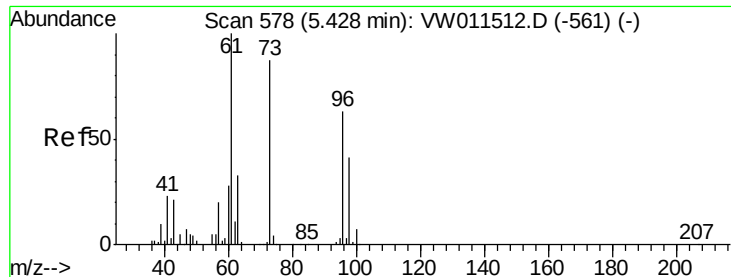
Tot Ion: 76 Resp: 72839  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 9.057 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 43 Resp: 17409  
Ion Ratio Lower Upper  
43 100  
74 20.3 15.9 23.9

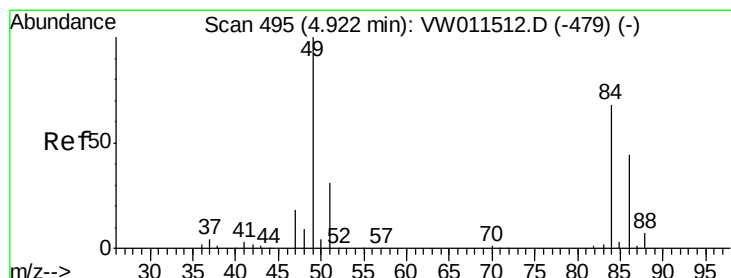
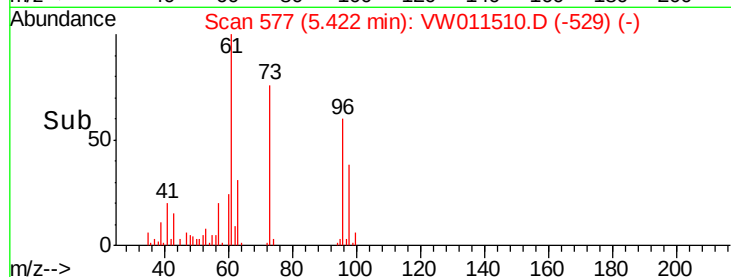
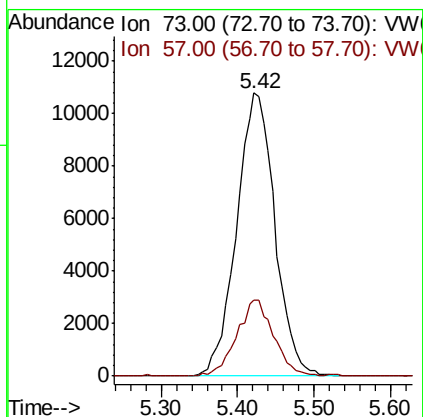
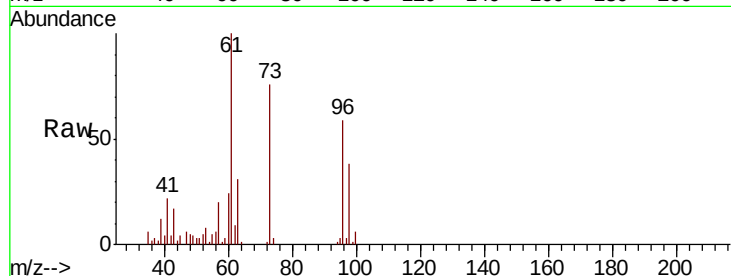




#19  
Methyl tert-butyl Ether  
Concen: 9.678 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

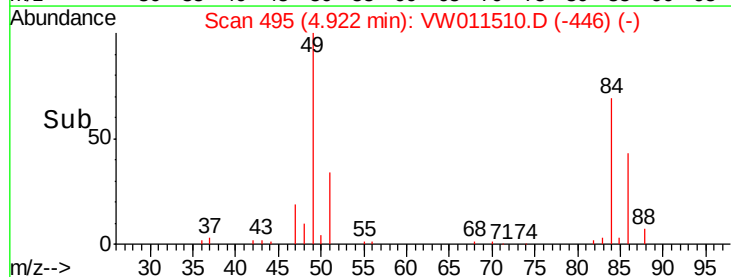
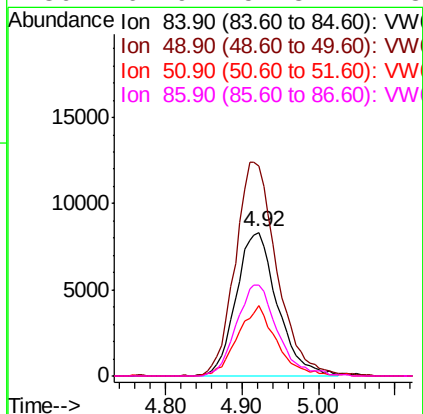
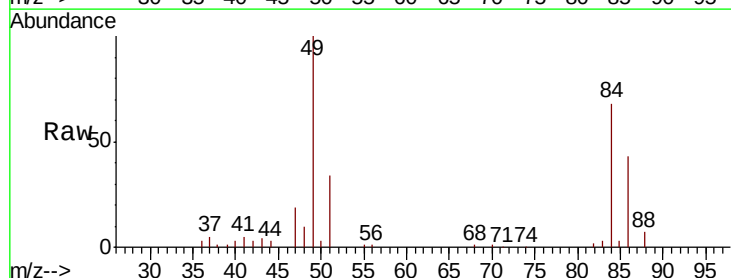
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

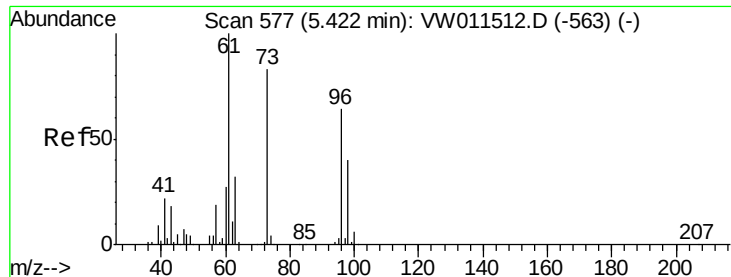
Tot Ion: 73 Resp: 37467  
Ion Ratio Lower Upper  
73 100  
57 26.7 18.4 27.6



#20  
Methylene Chloride  
Concen: 10.553 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 84 Resp: 31142  
Ion Ratio Lower Upper  
84 100  
49 146.3 117.8 176.6  
51 49.1 37.0 55.4  
86 62.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 9.704 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

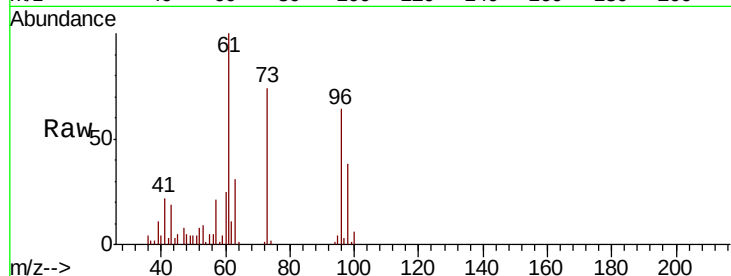
Tot Ion: 96 Resp: 25523

Ion Ratio Lower Upper

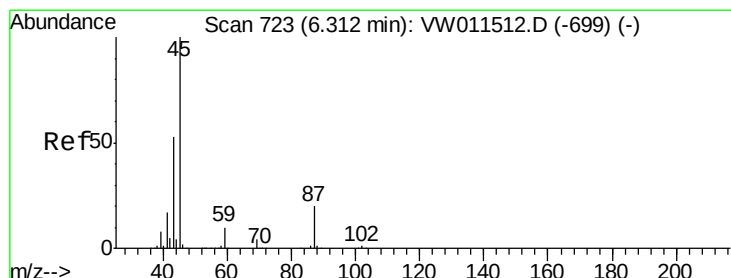
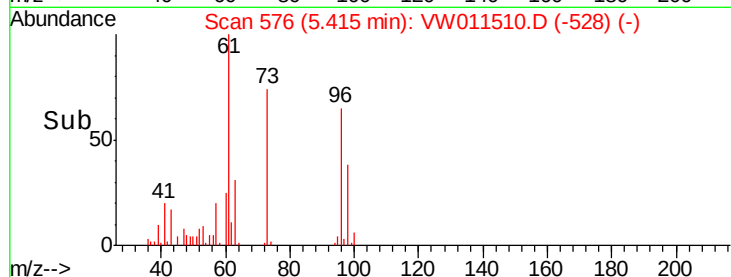
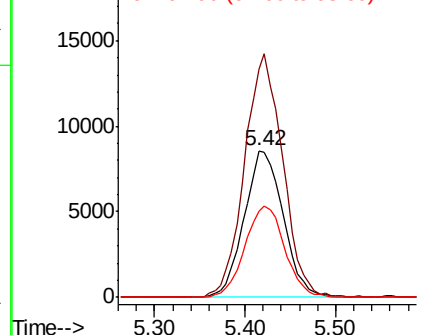
96 100

61 155.8 125.7 188.5

98 59.1 50.3 75.5



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



#22

Diisopropyl ether

Concen: 9.609 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Tgt Ion: 45 Resp: 94005

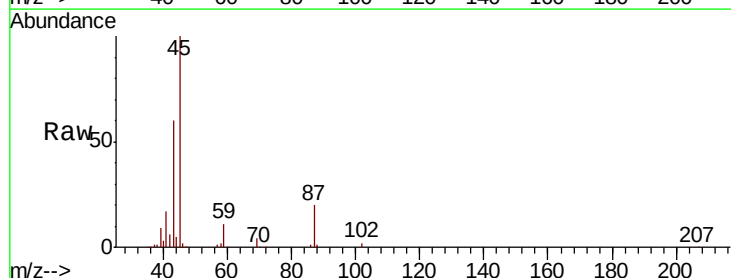
Ion Ratio Lower Upper

45 100

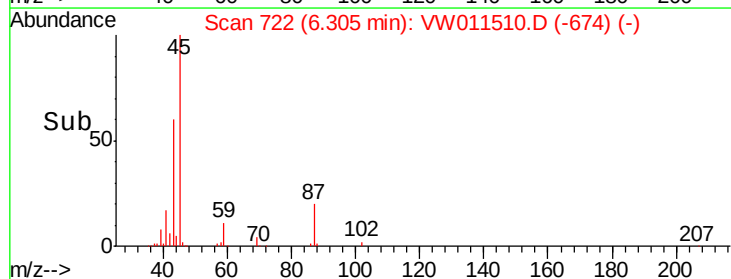
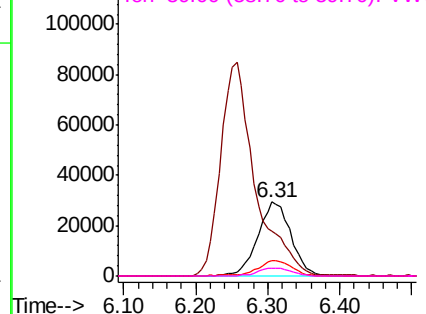
43 59.5 42.6 63.8

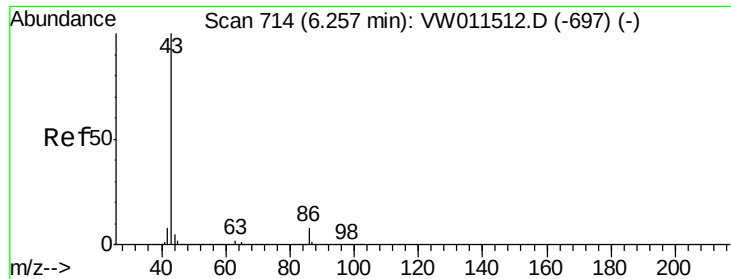
87 20.0 16.4 24.6

59 10.9 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 87.00 (86.70 to 87.70): VW  
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 46.425 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

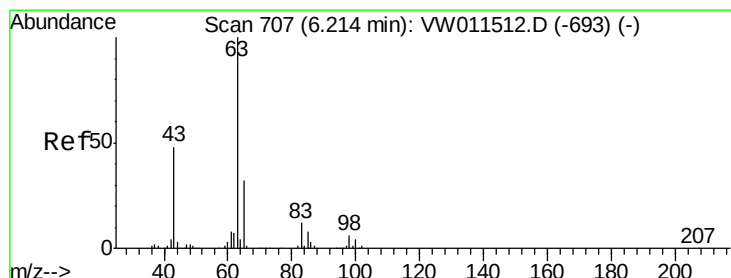
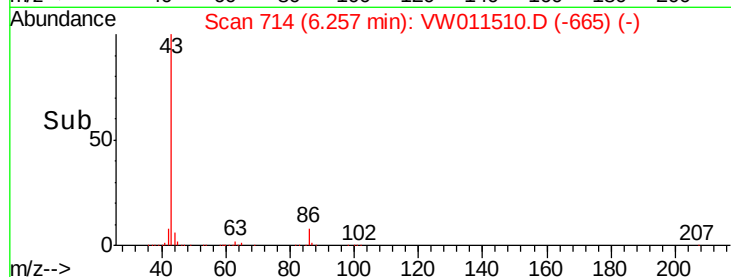
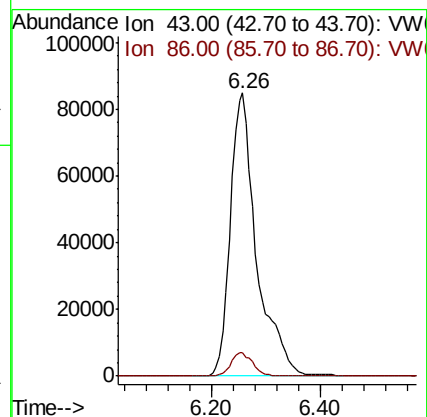
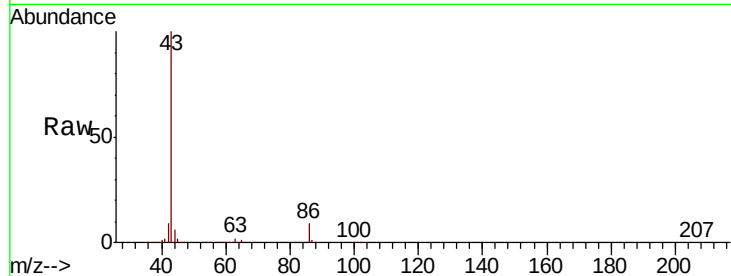
VSTDIC010

Tot Ion: 43 Resp: 285383

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



#24

1,1-Dichloroethane

Concen: 9.600 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

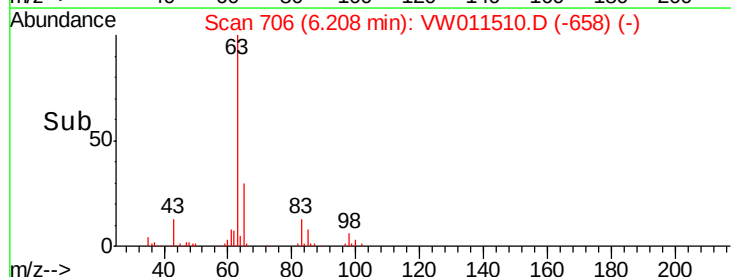
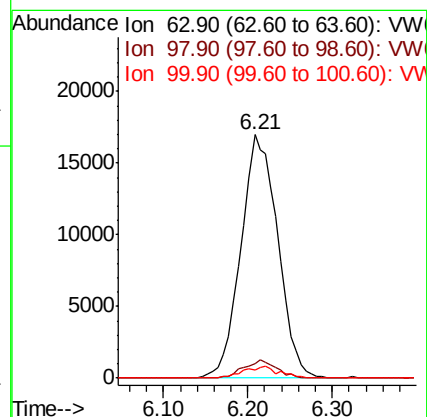
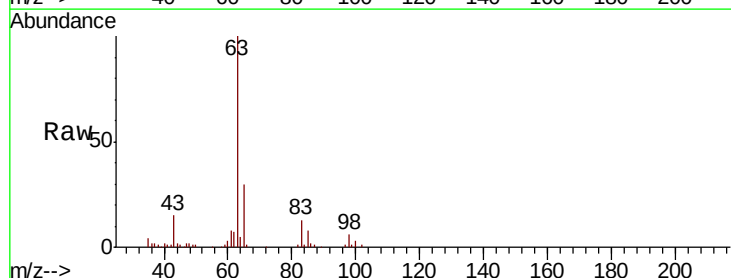
Tgt Ion: 63 Resp: 50299

Ion Ratio Lower Upper

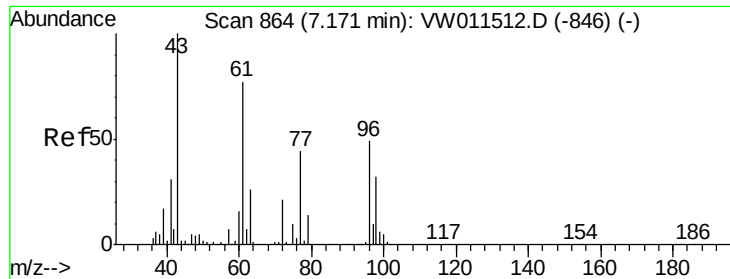
63 100

98 5.9 2.9 8.8

100 3.5 2.1 6.3







#25

2-Butanone

Concen: 46.907 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

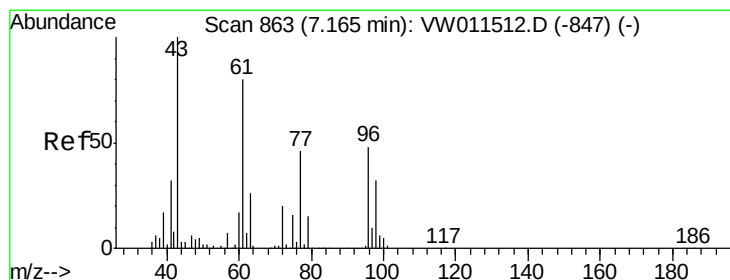
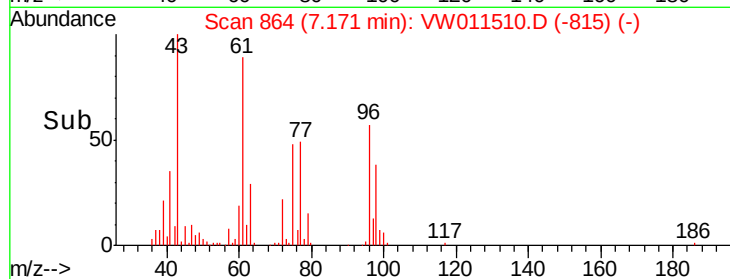
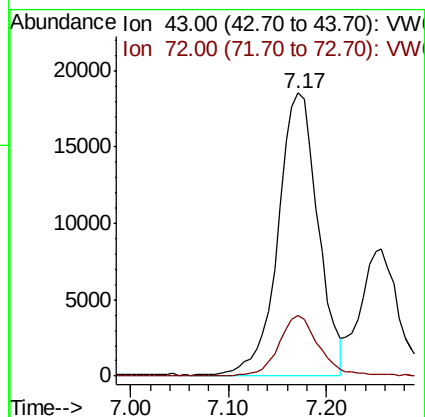
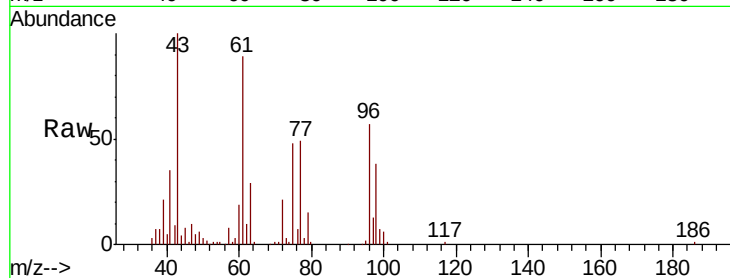
VSTDIC010

Tot Ion: 43 Resp: 52519

Ion Ratio Lower Upper

43 100

72 21.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 10.317 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011510.D

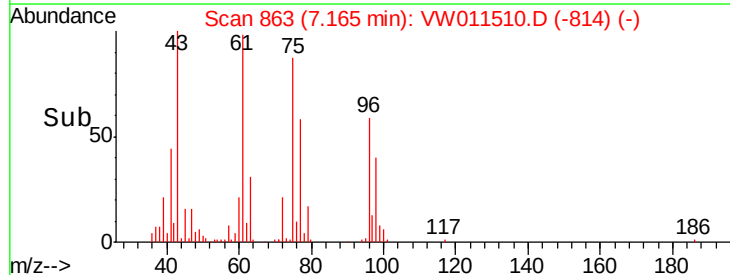
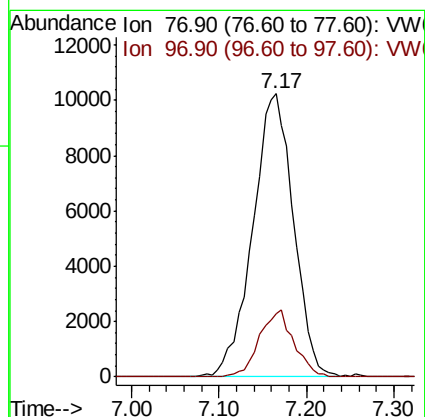
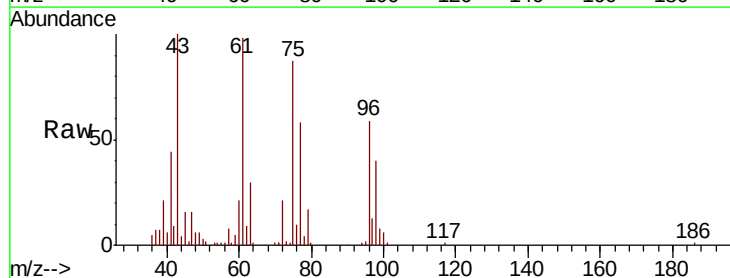
Acq: 26 Jul 2019 11:57

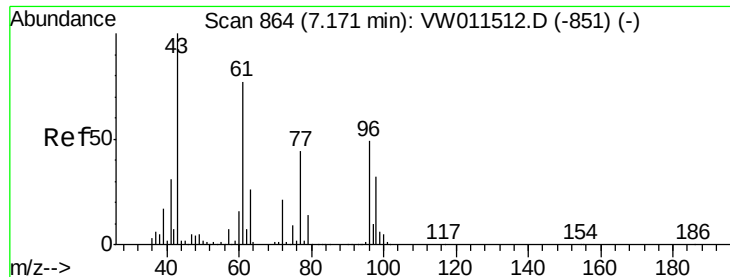
Tgt Ion: 77 Resp: 33244

Ion Ratio Lower Upper

77 100

97 19.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 9.620 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

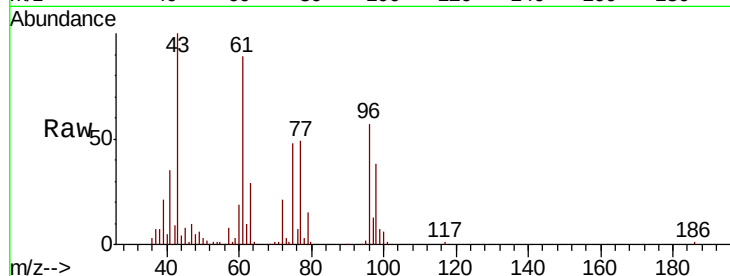
Tot Ion: 96 Resp: 27847

Ion Ratio Lower Upper

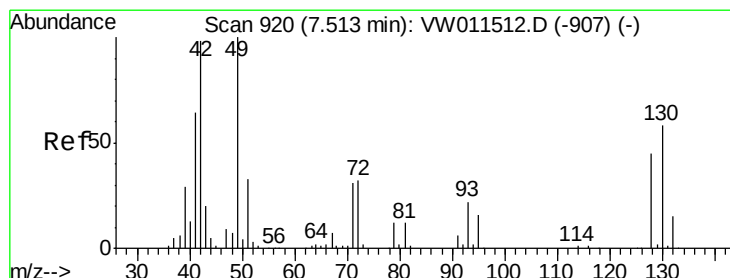
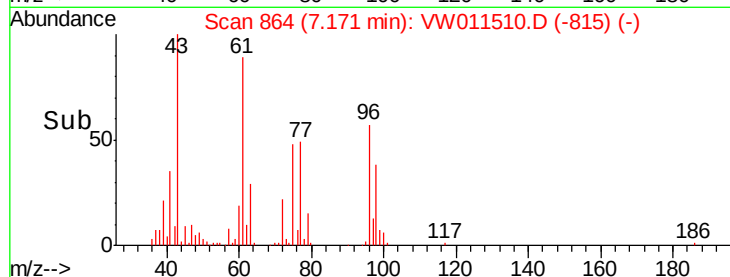
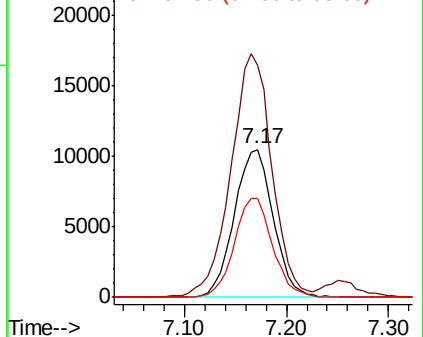
96 100

61 173.1 0.0 328.4

98 65.8 0.0 128.8



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



#28

Bromochloromethane

Concen: 10.601 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

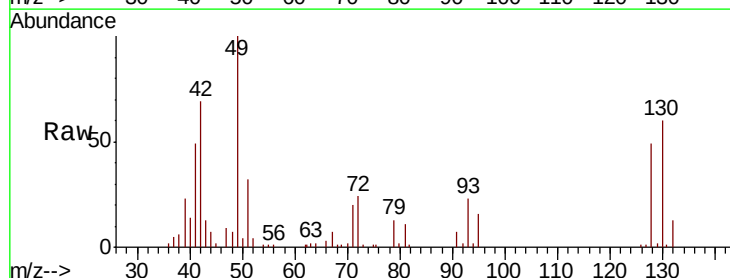
Tgt Ion: 49 Resp: 24653

Ion Ratio Lower Upper

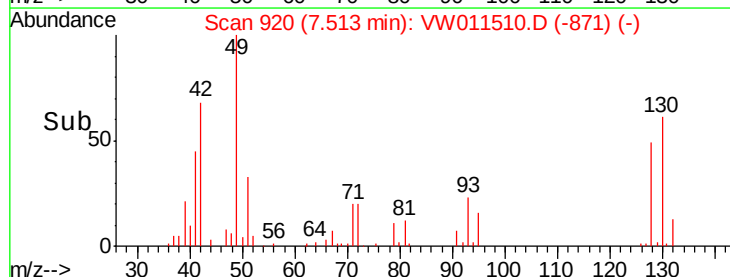
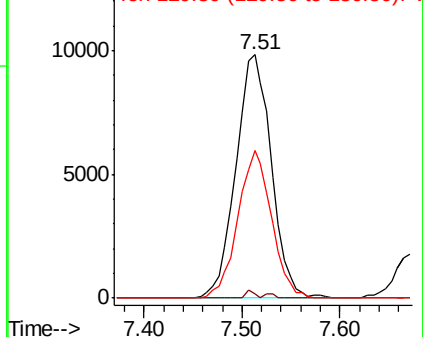
49 100

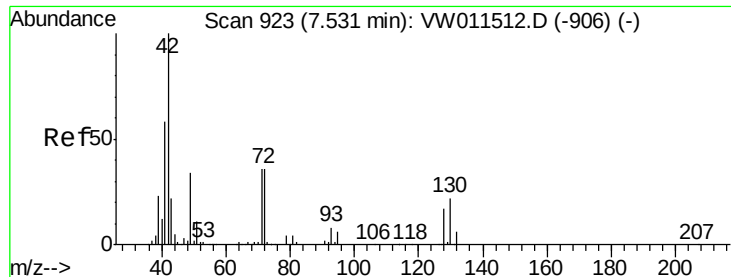
129 0.7 0.0 1.0

130 57.5 46.3 69.5



Abundance Ion 48.90 (48.60 to 49.60): VW  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 47.088 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

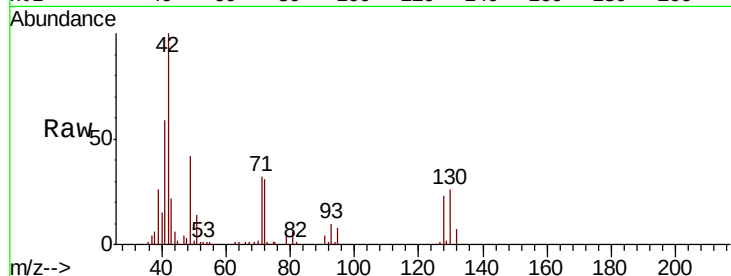
Tot Ion: 42 Resp: 30136

Ion Ratio Lower Upper

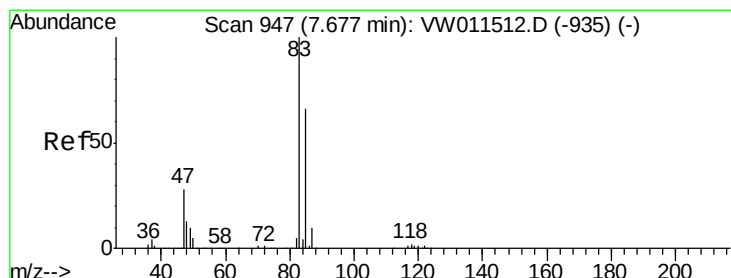
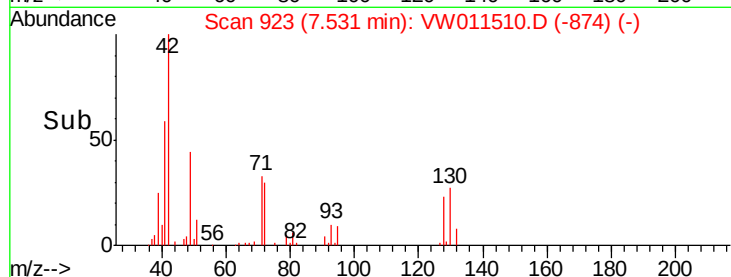
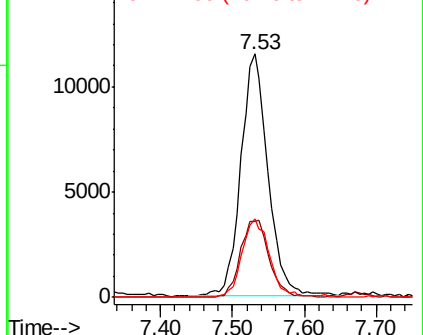
42 100

72 33.8 27.1 40.7

71 32.4 26.2 39.4



Abundance Ion 42.00 (41.70 to 42.70): VW  
Ion 72.00 (71.70 to 72.70): VW  
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 9.718 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW011510.D

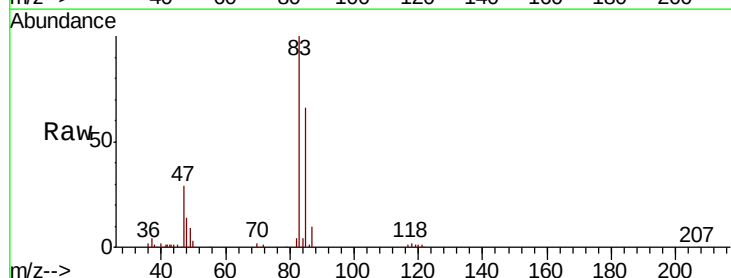
Acq: 26 Jul 2019 11:57

Tgt Ion: 83 Resp: 46973

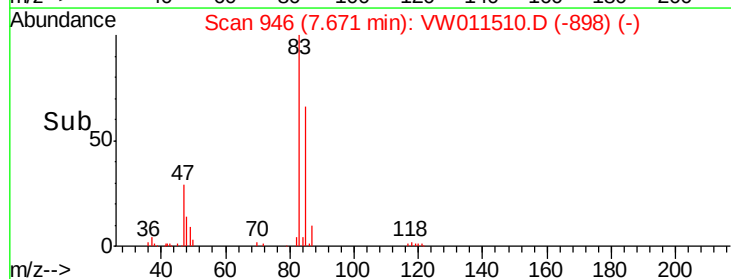
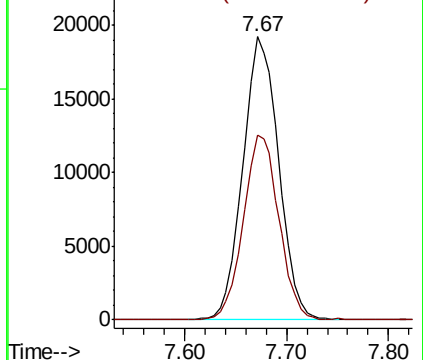
Ion Ratio Lower Upper

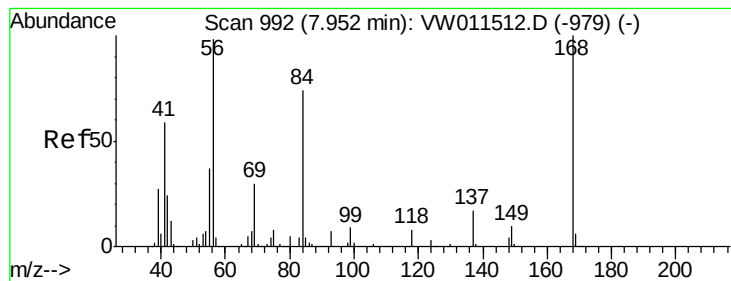
83 100

85 65.5 52.5 78.7



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





#31

Cyclohexane

Concen: 10.065 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

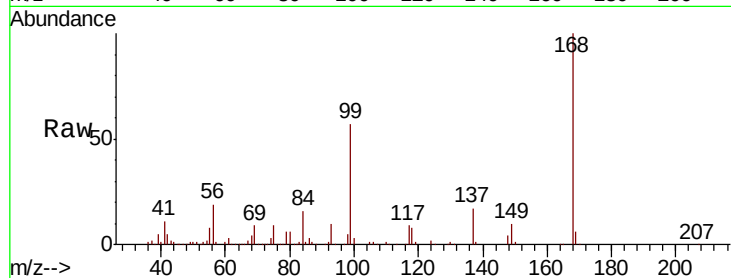
Tot Ion: 56 Resp: 50622

Ion Ratio Lower Upper

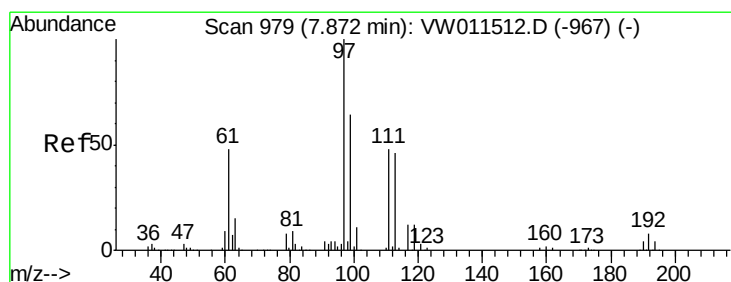
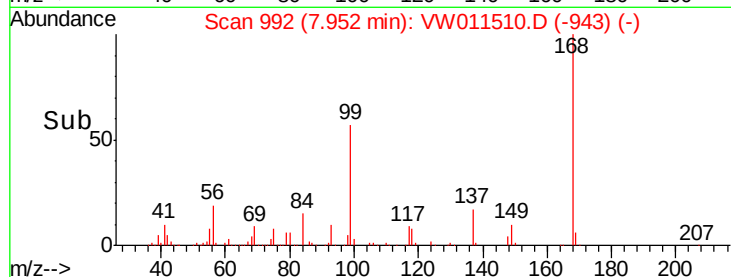
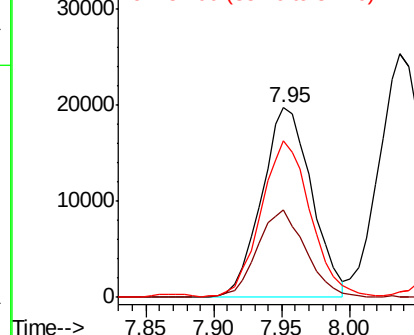
56 100

69 45.6 24.3 36.5#

84 82.1 60.4 90.6



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: 9.688 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

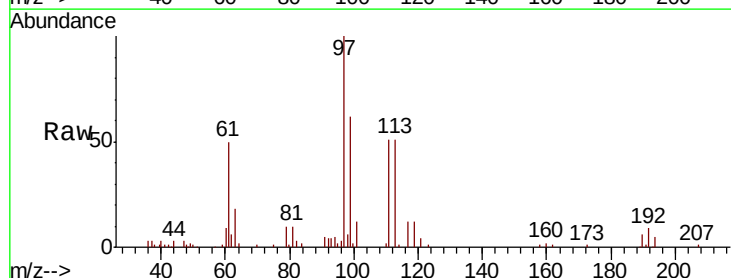
Tgt Ion: 97 Resp: 35664

Ion Ratio Lower Upper

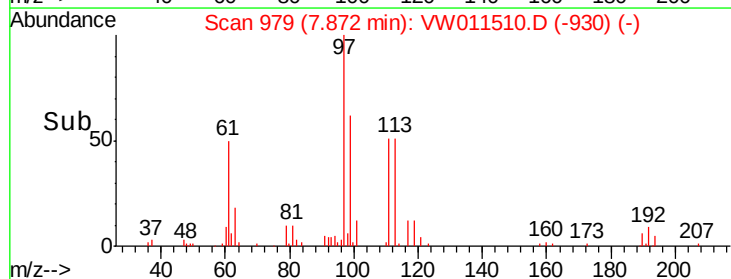
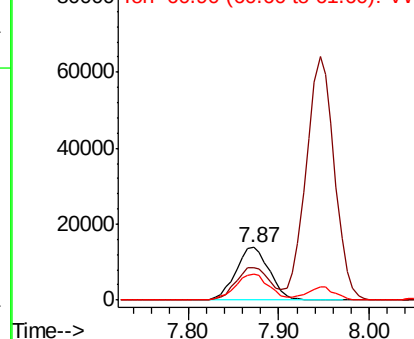
97 100

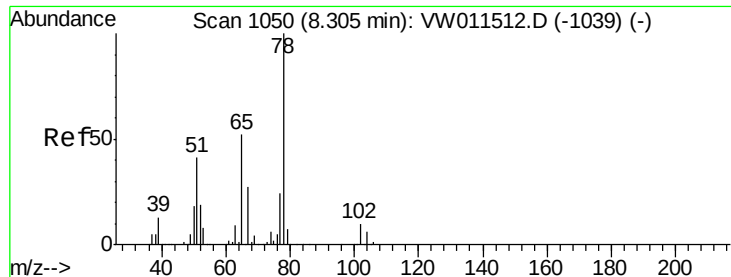
99 63.0 51.0 76.6

61 50.1 39.8 59.6



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

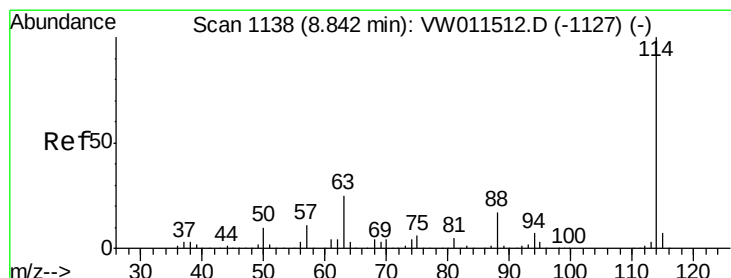
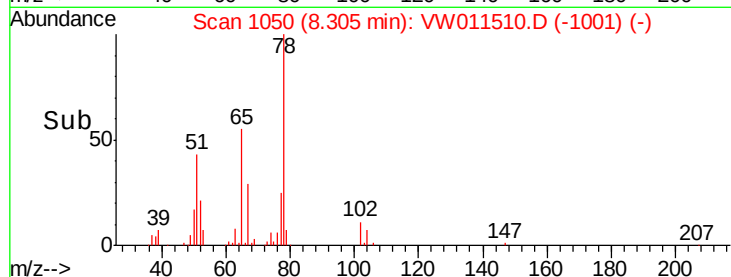
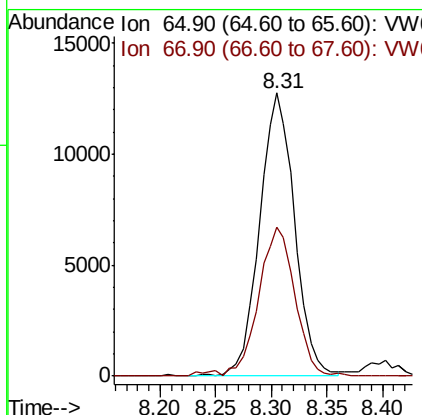
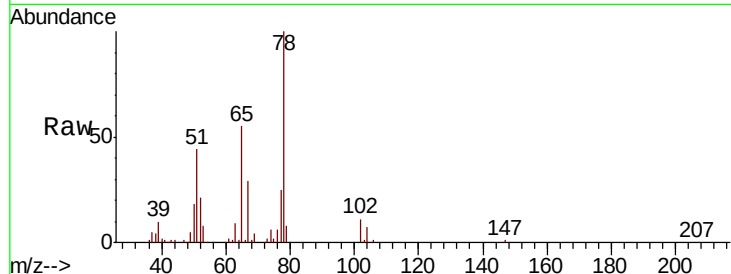




#33  
 1,2-Dichloroethane-d4  
 Concen: 10.375 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

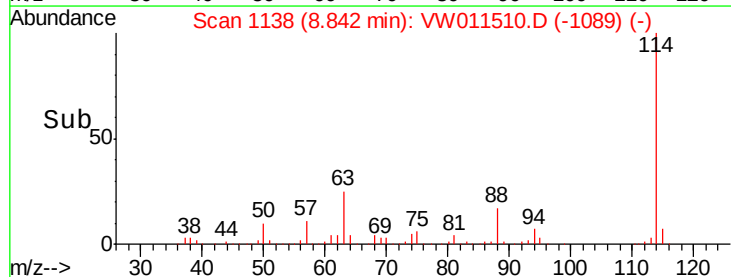
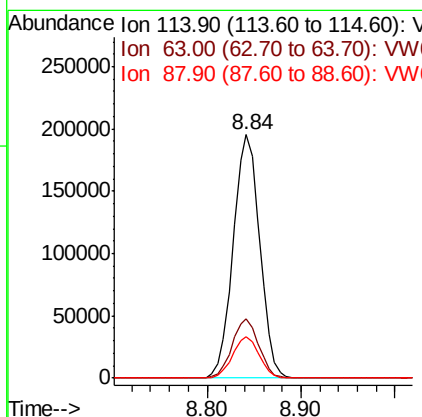
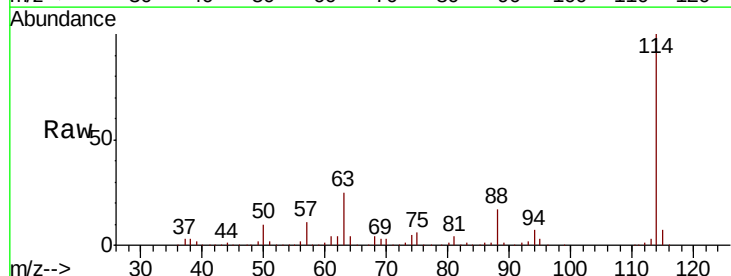
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

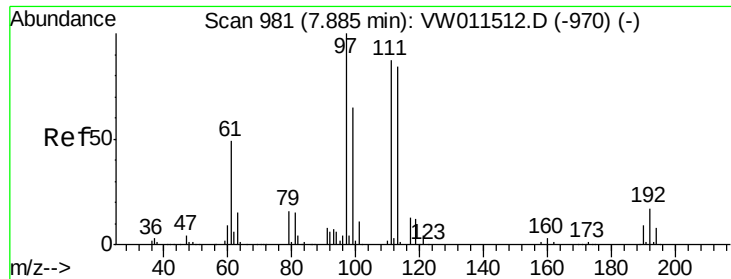
Tot Ion: 65 Resp: 27908  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion: 114 Resp: 381991  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 0.0 49.2  
 88 16.8 0.0 33.8

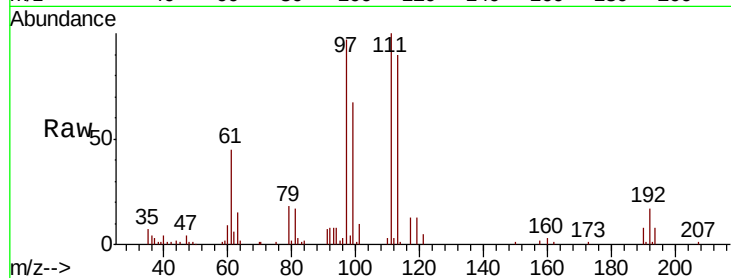




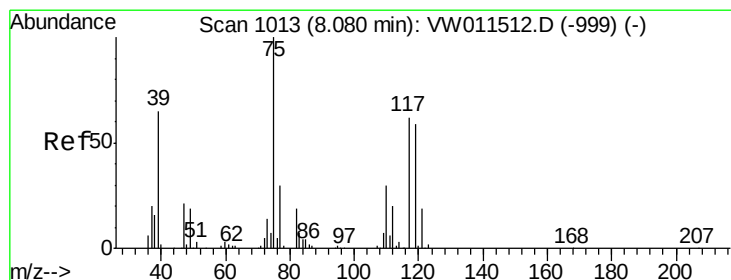
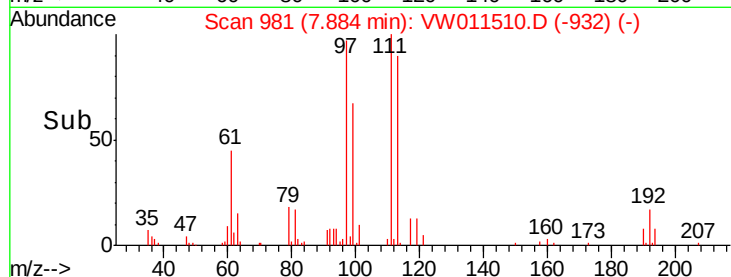
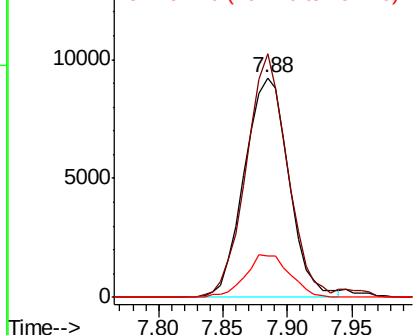
#35  
Dibromofluoromethane  
Concen: 10.320 ug/l  
RT: 7.88 min Scan# 981  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion:113 Resp: 22117  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.7 124.1  
192 19.4 16.1 24.1

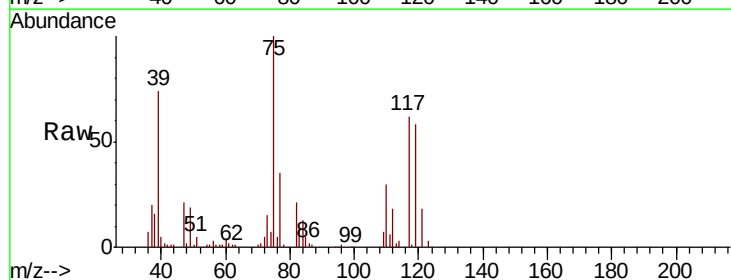


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

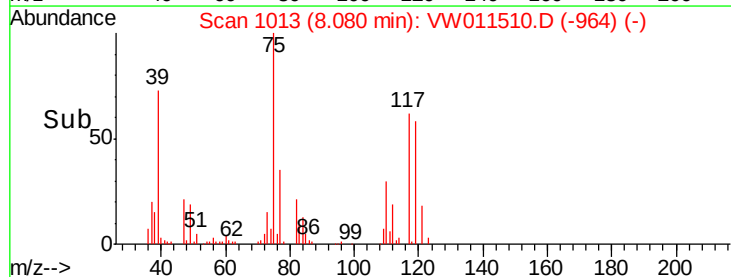
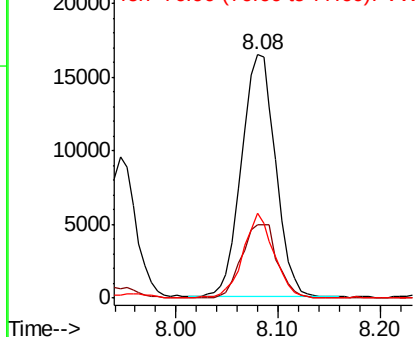


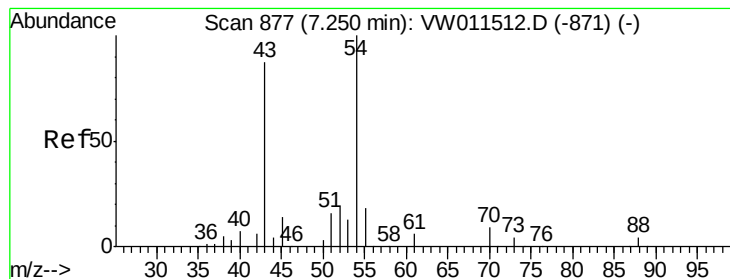
#36  
1,1-Dichloropropene  
Concen: 9.657 ug/l  
RT: 8.08 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 75 Resp: 38359  
Ion Ratio Lower Upper  
75 100  
110 31.7 15.6 46.8  
77 31.7 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 9.515 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

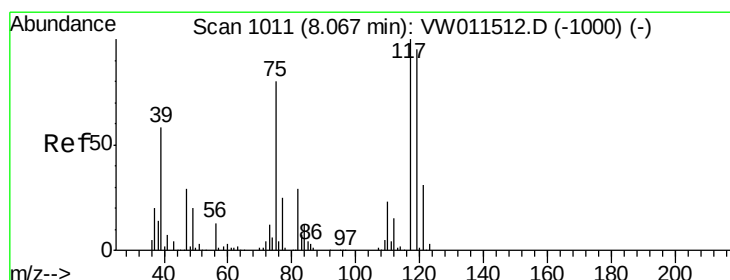
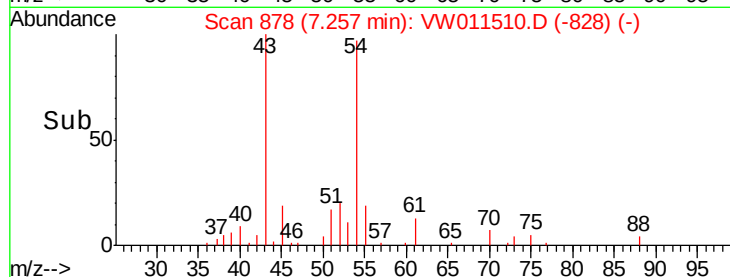
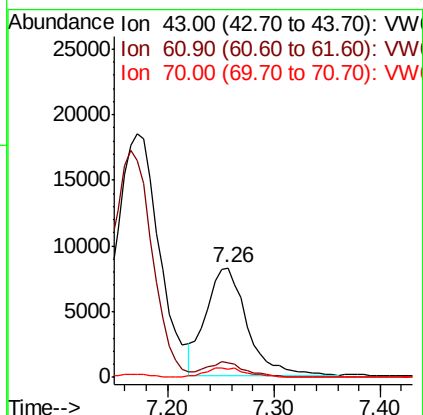
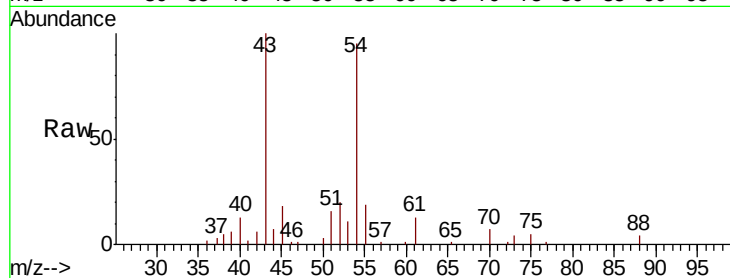
Tot Ion: 43 Resp: 21744

Ion Ratio Lower Upper

43 100

61 13.4 8.8 13.2#

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 9.648 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

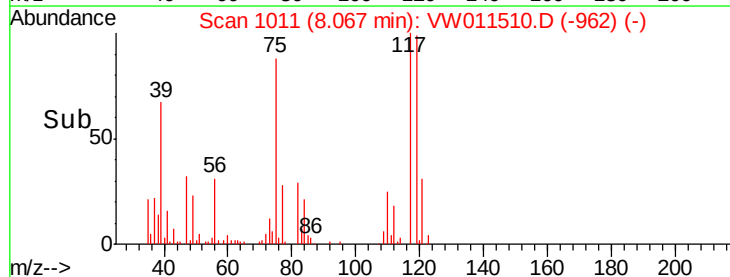
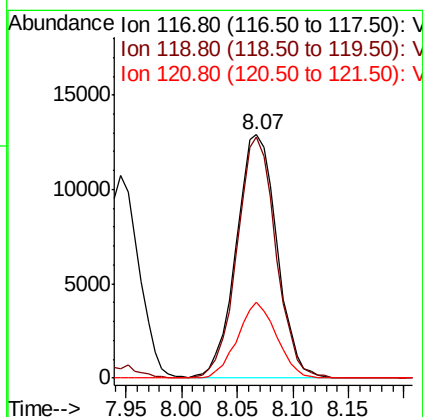
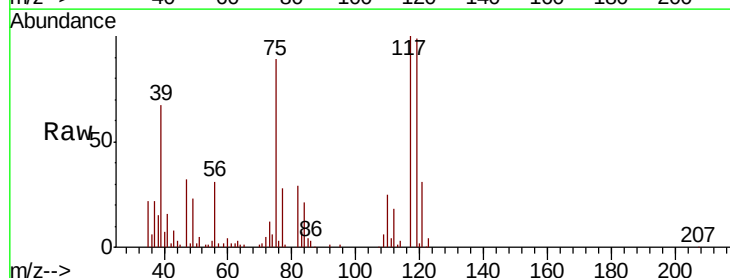
Tgt Ion: 117 Resp: 32805

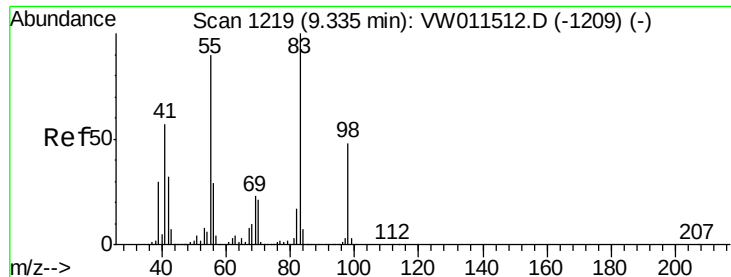
Ion Ratio Lower Upper

117 100

119 99.2 75.8 113.6

121 31.0 24.7 37.1

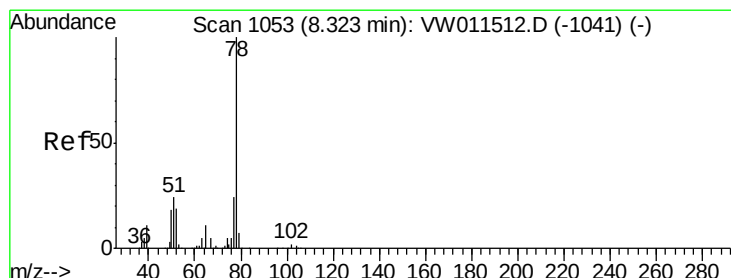
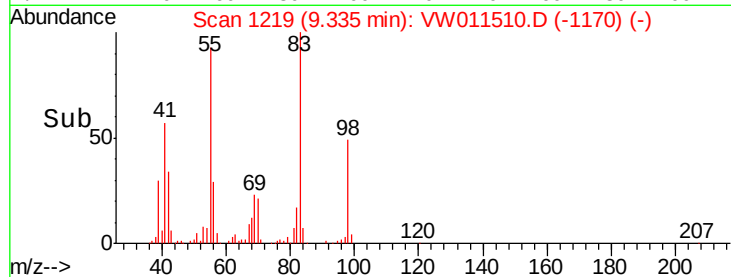
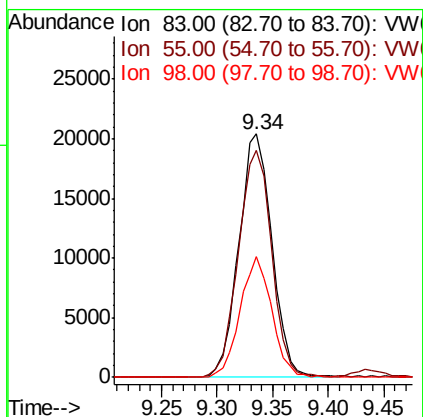
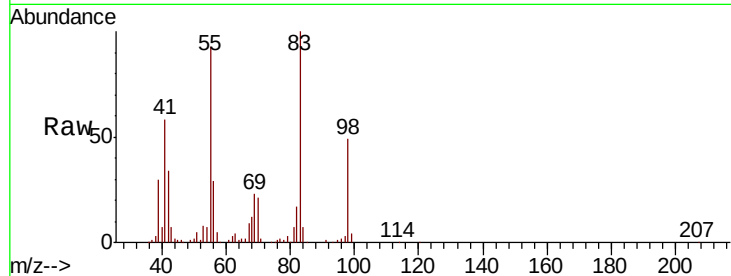




#39  
Methylvlcyclohexane  
Concen: 9.653 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

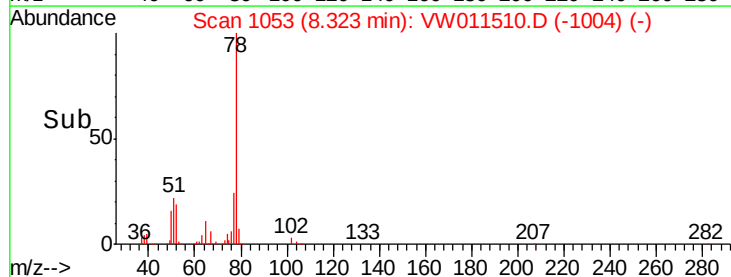
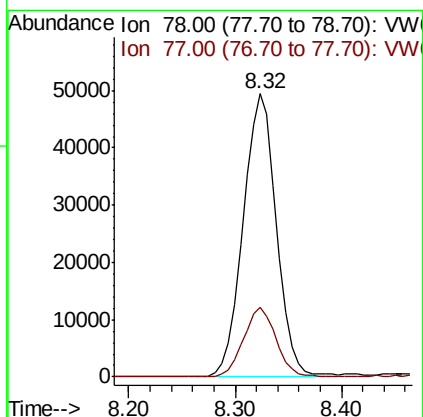
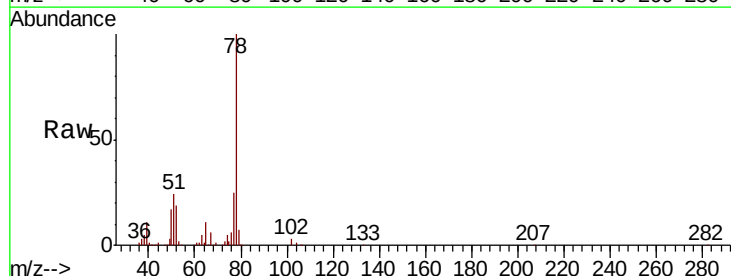
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 83 Resp: 42220  
Ion Ratio Lower Upper  
83 100  
55 93.2 72.1 108.1  
98 49.5 38.6 57.8

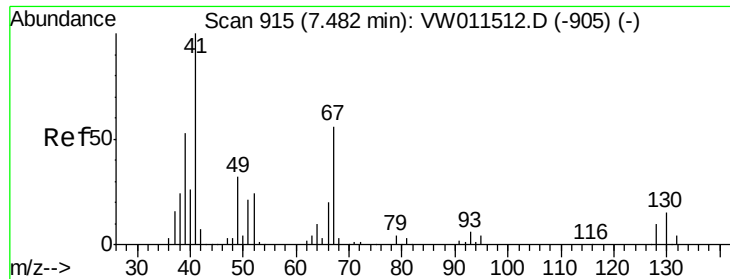


#40  
Benzene  
Concen: 9.712 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 78 Resp: 108052  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.4 29.0



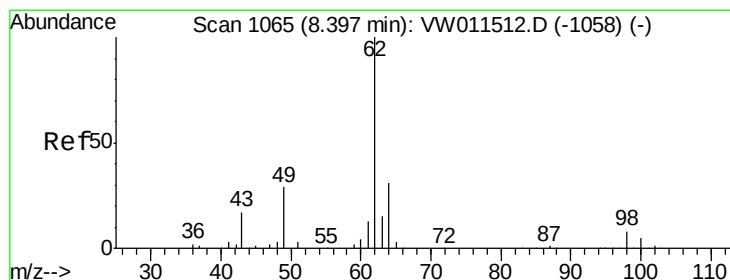
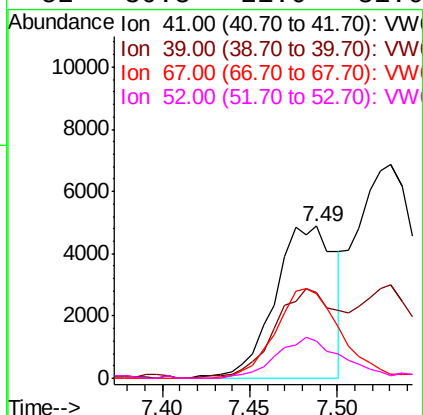
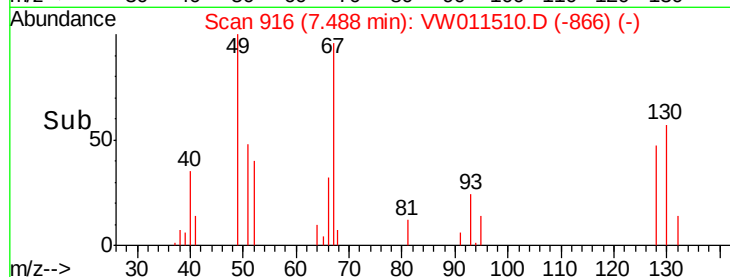
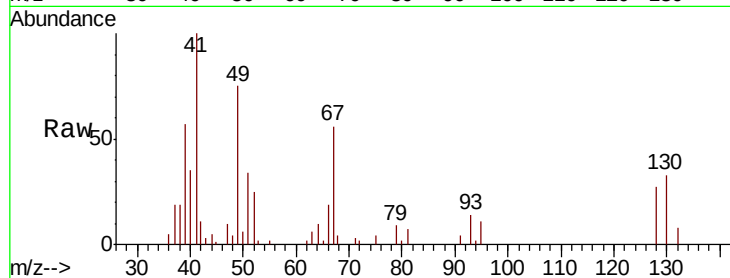




#41  
Methacrylonitrile  
Concen: 8.624 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

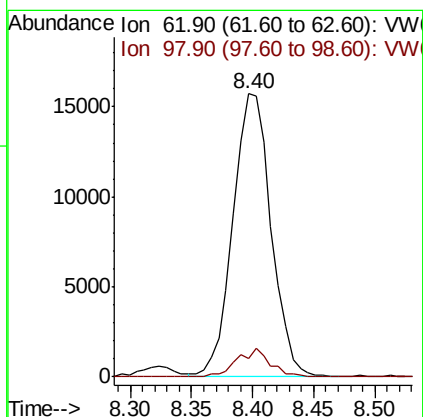
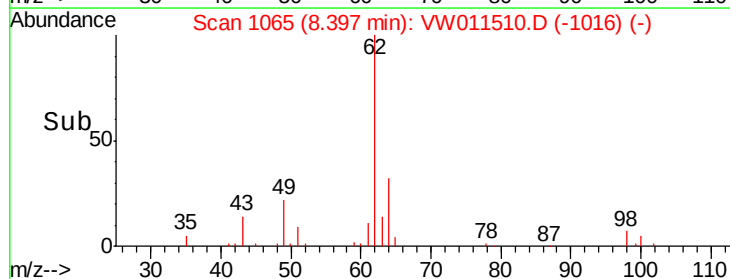
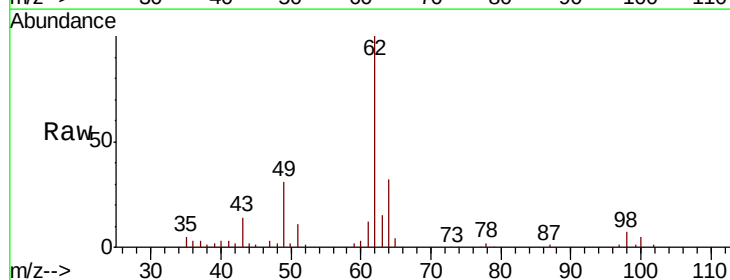
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

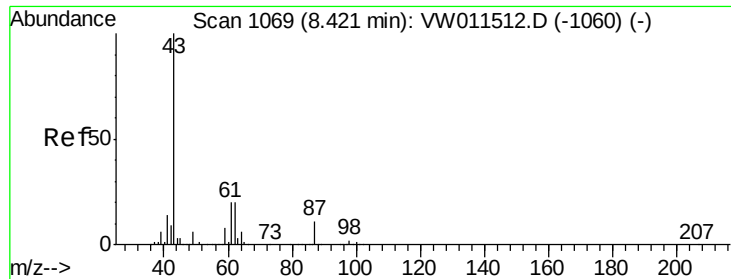
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 11780 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.2  | 43.0  | 64.4  |
| 67       | 64.2  | 47.5  | 71.3  |
| 52       | 30.3  | 21.0  | 31.6  |



#42  
1,2-Dichloroethane  
Concen: 9.790 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 34102 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 16.8  |





#43

Isopropyl Acetate

Concen: 9.366 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

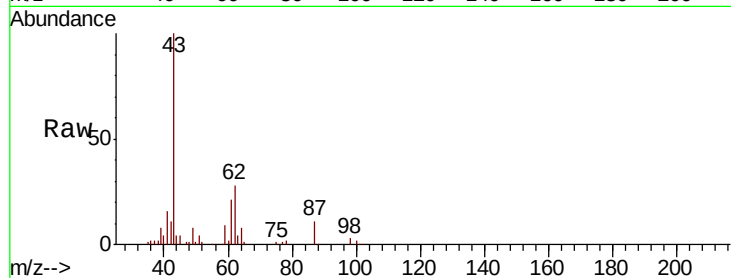
Tot Ion: 43 Resp: 39361

Ion Ratio Lower Upper

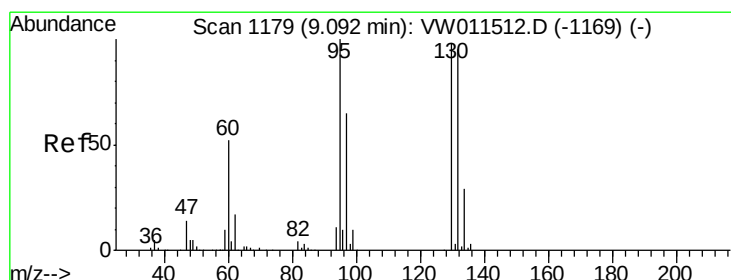
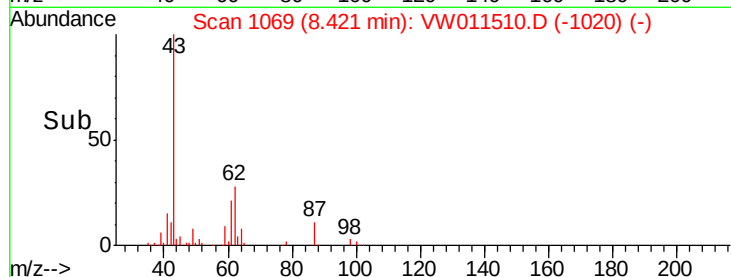
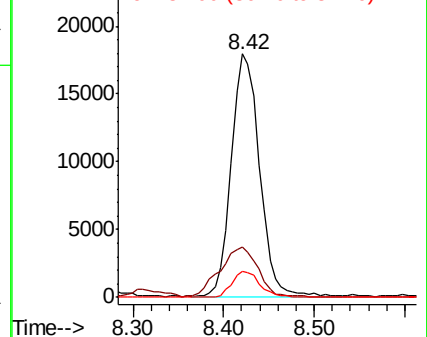
43 100

61 26.6 21.5 32.3

87 10.4 8.4 12.6



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



#44

Trichloroethene

Concen: 9.640 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011510.D

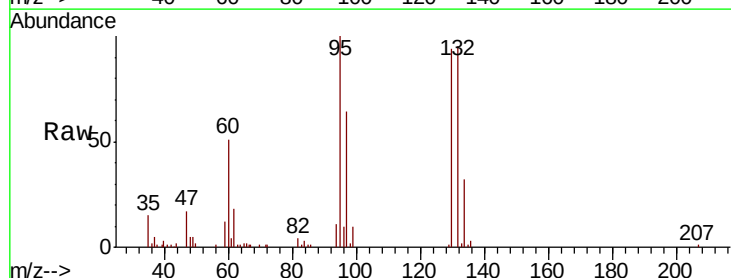
Acq: 26 Jul 2019 11:57

Tgt Ion: 130 Resp: 25779

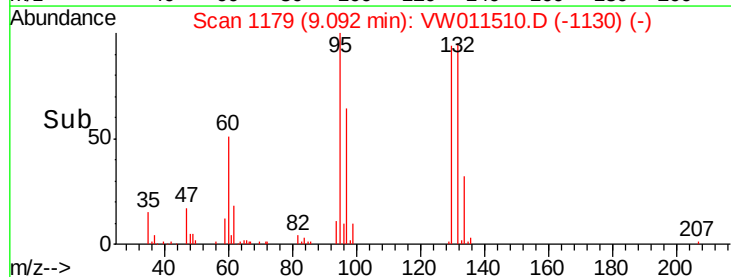
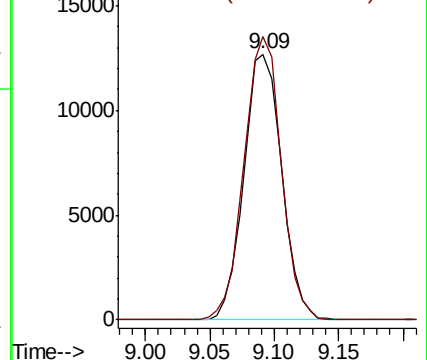
Ion Ratio Lower Upper

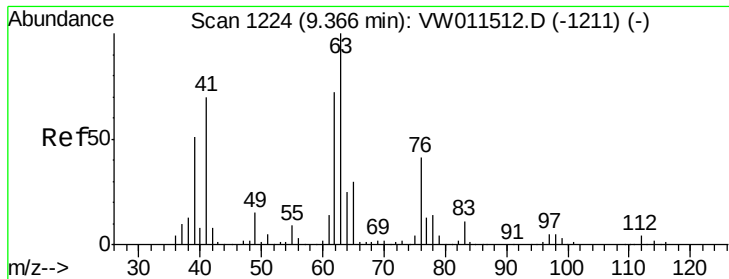
130 100

95 106.4 0.0 204.8



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





#45

1,2-Dichloropropane

Concen: 9.558 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

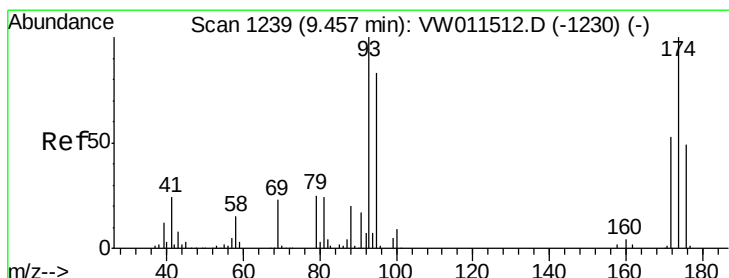
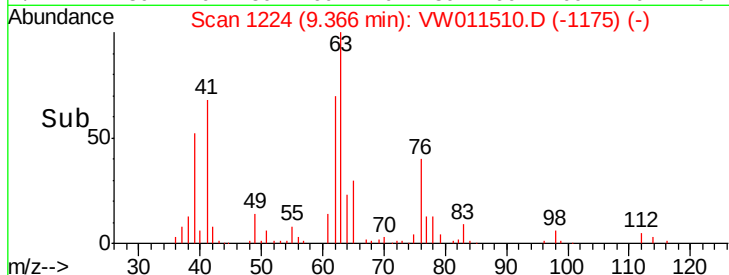
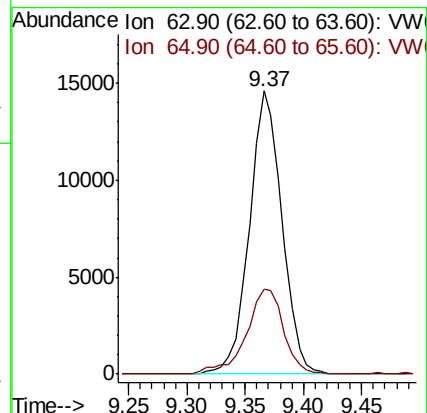
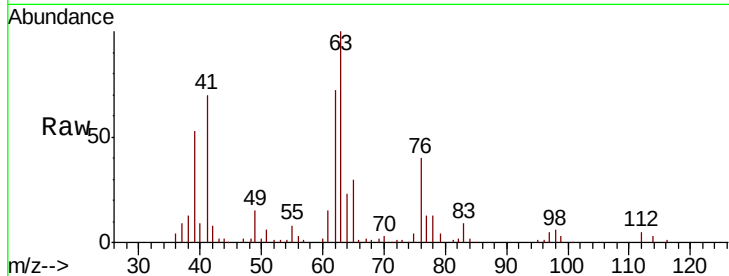
VSTDIC010

Tot Ion: 63 Resp: 28452

Ion Ratio Lower Upper

63 100

65 29.8 24.2 36.4



#46

Dibromomethane

Concen: 9.608 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

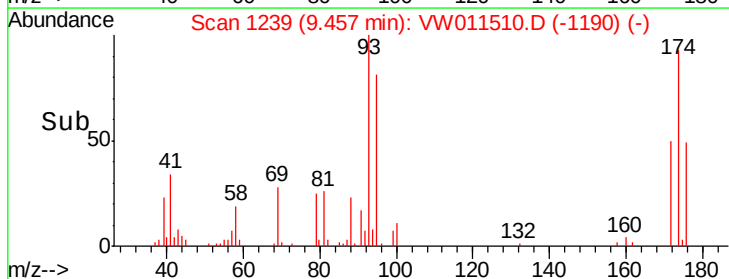
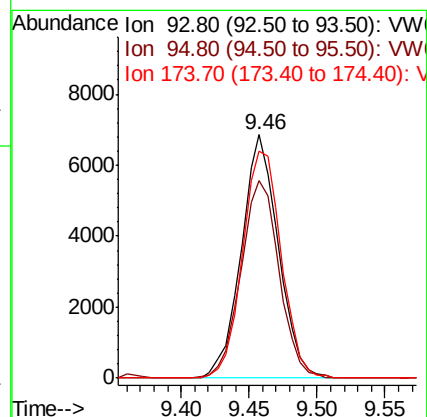
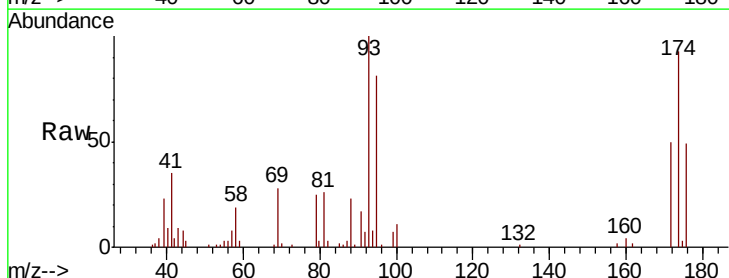
Tgt Ion: 93 Resp: 13055

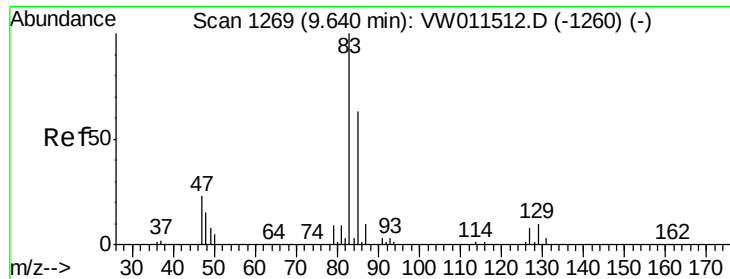
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

174 97.6 78.2 117.4

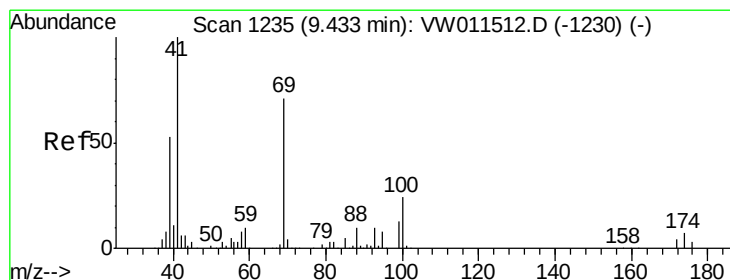
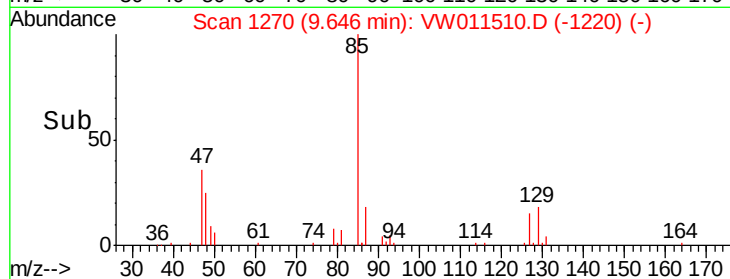
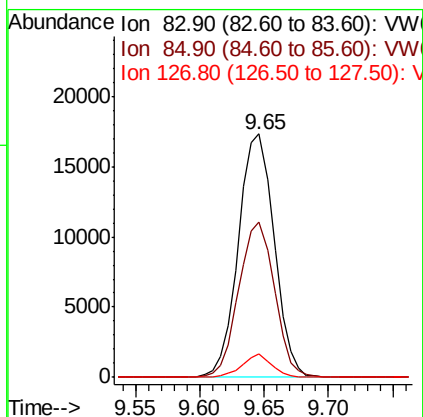
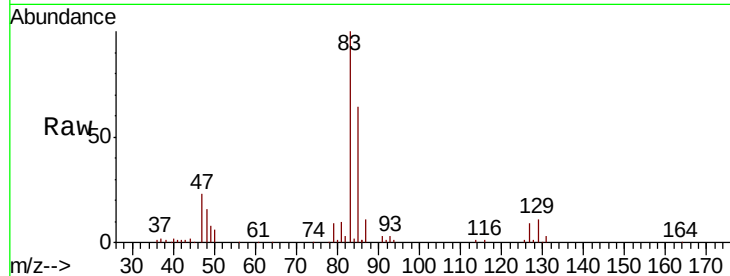




#47  
Bromodichloromethane  
Concen: 9.375 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

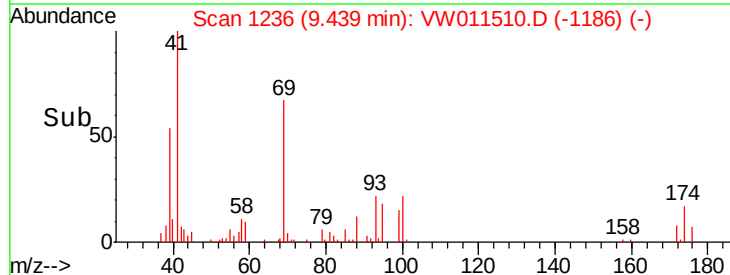
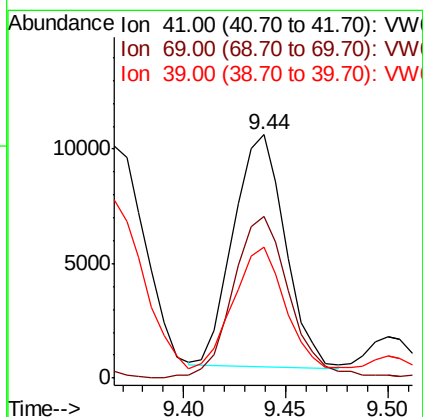
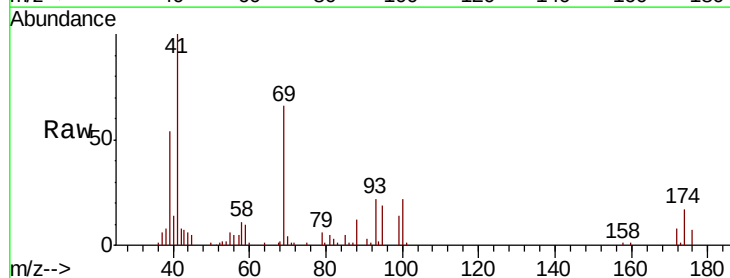
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

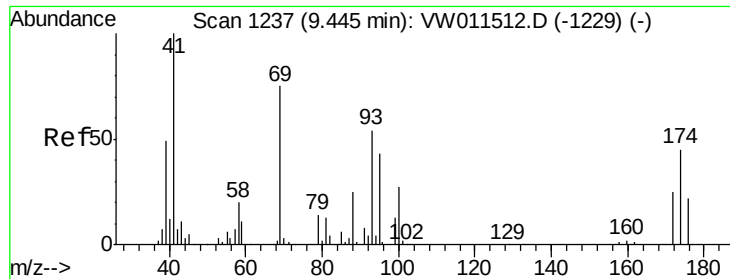
Tot Ion: 83 Resp: 33414  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.5 75.7  
127 9.5 6.4 9.6



#48  
Methyl methacrylate  
Concen: 8.884 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.01 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 41 Resp: 17935  
Ion Ratio Lower Upper  
41 100  
69 76.5 57.1 85.7  
39 59.7 45.4 68.2

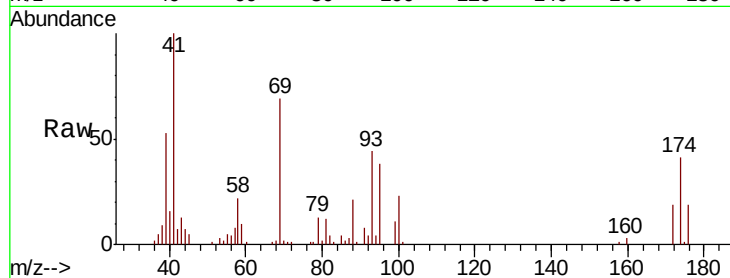




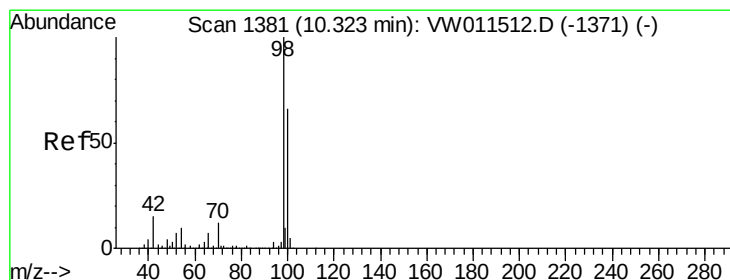
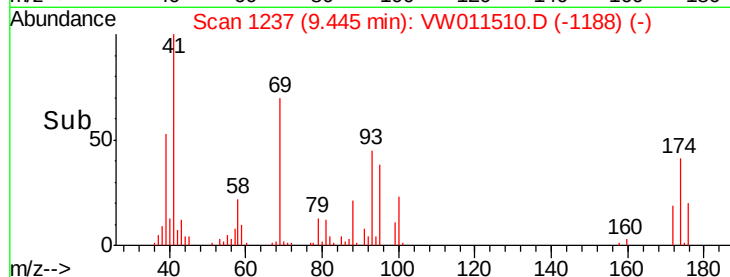
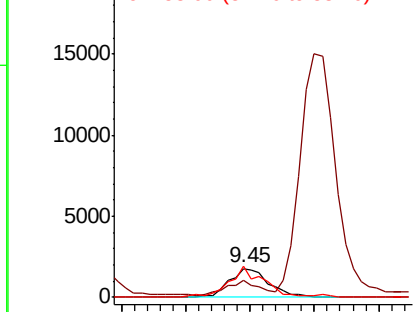
#49  
1,4-Dioxane  
Concen: 193.816 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

Tot Ion: 88 Resp: 3813  
Ion Ratio Lower Upper  
88 100  
43 39.8 34.0 51.0  
58 96.0 69.7 104.5

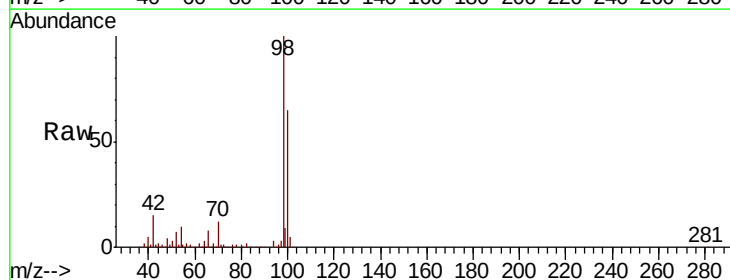


Abundance Ion 88.00 (87.70 to 88.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 58.00 (57.70 to 58.70): VW

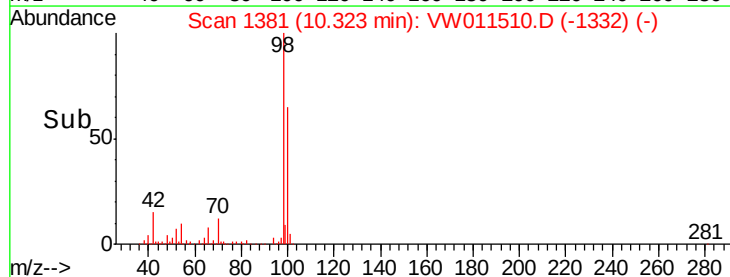
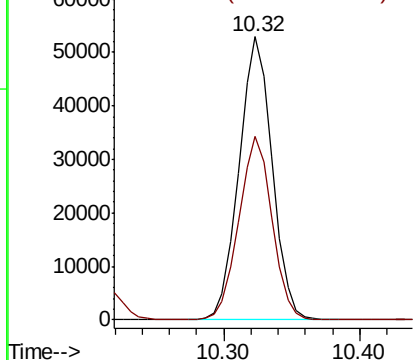


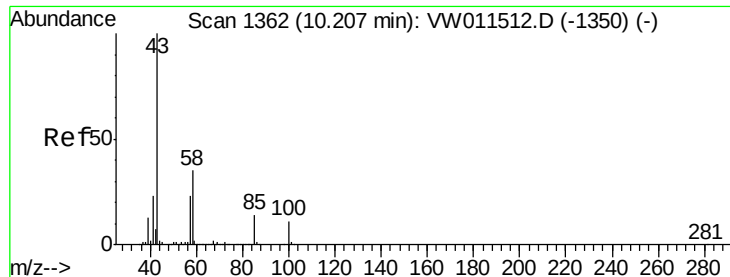
#50  
Toluene-d8  
Concen: 10.250 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 98 Resp: 89939  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.7 79.1



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

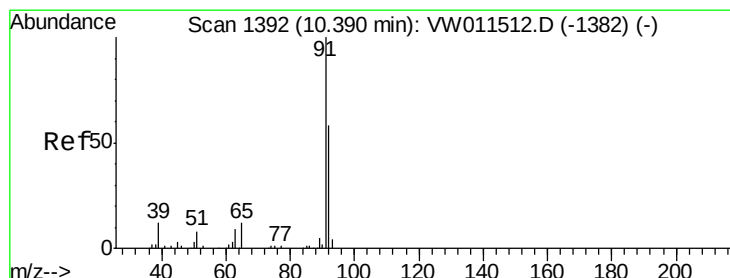
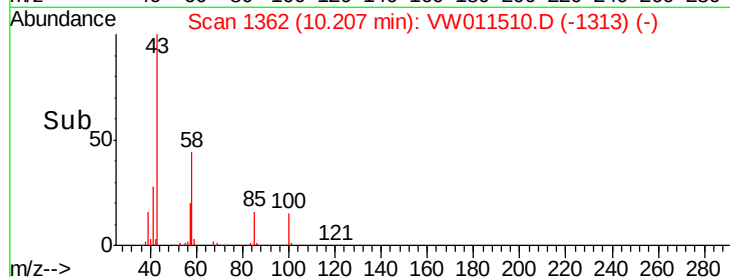
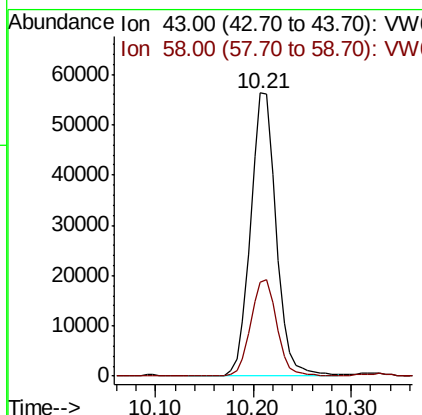
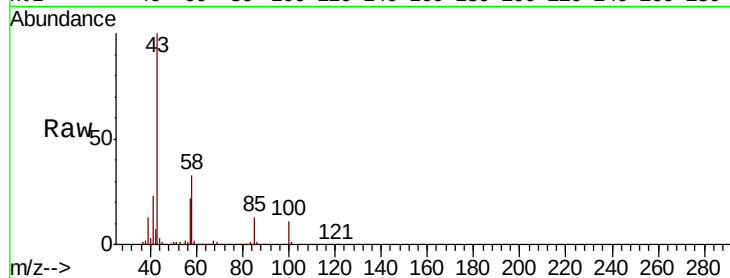




#51  
 4-Methyl-2-Pentanone  
 Concen: 46.996 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

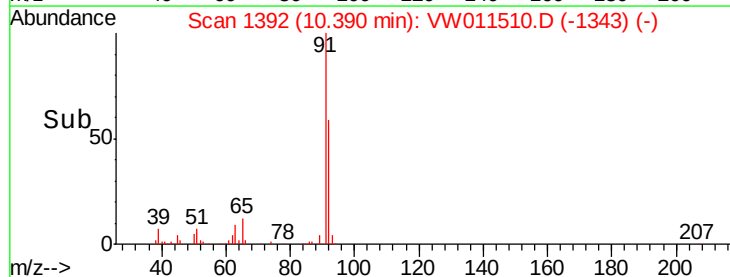
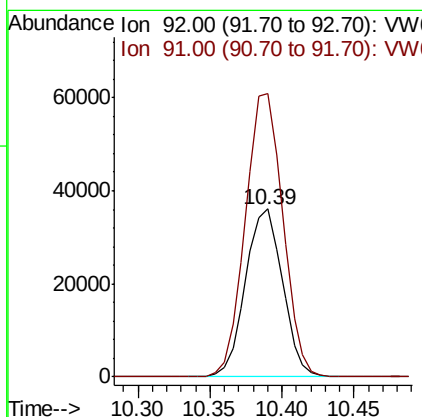
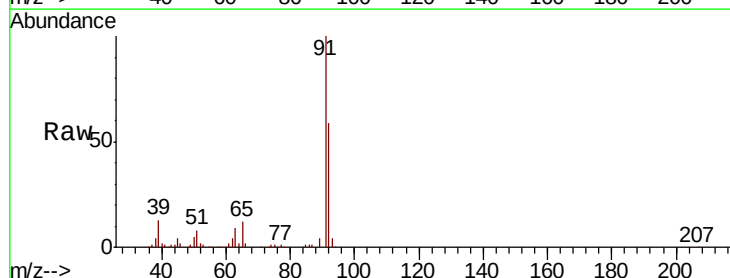
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

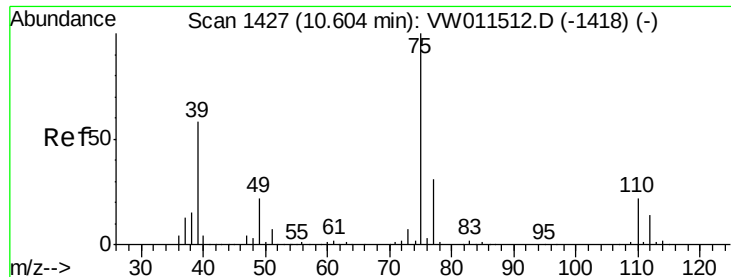
Tot Ion: 43 Resp: 102733  
 Ion Ratio Lower Upper  
 43 100  
 58 34.9 28.2 42.2



#52  
 Toluene  
 Concen: 9.583 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion: 92 Resp: 64386  
 Ion Ratio Lower Upper  
 92 100  
 91 171.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 8.989 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

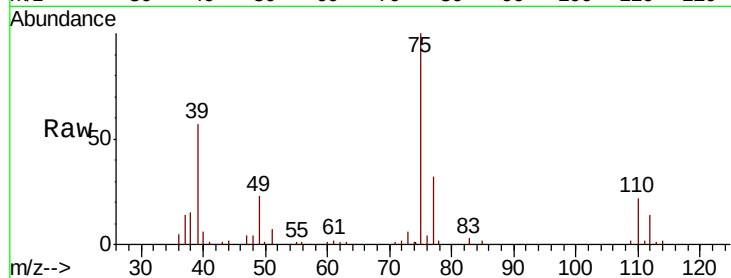
VSTDIC010

Tot Ion: 75 Resp: 33468

Ion Ratio Lower Upper

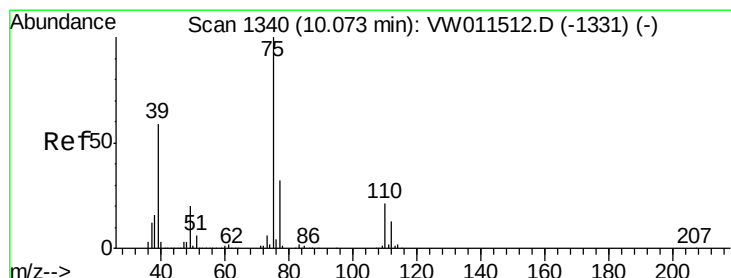
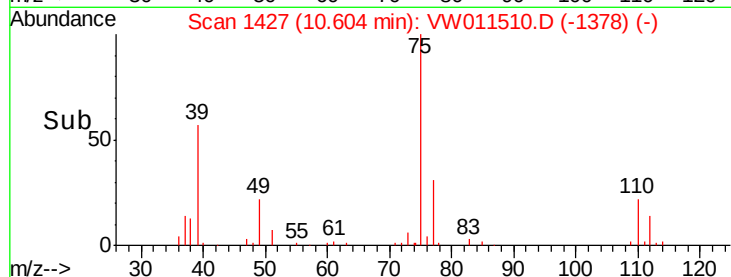
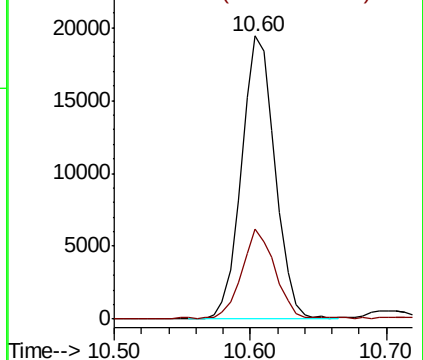
75 100

77 31.1 25.0 37.4



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: 9.213 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

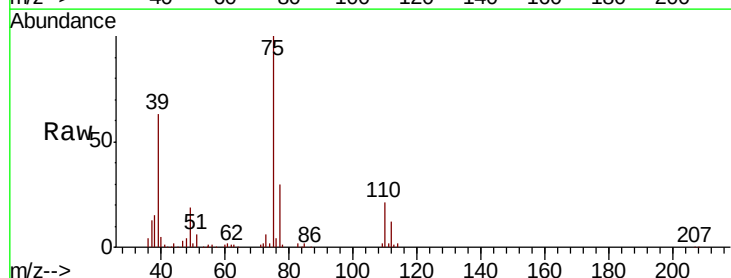
Tgt Ion: 75 Resp: 40783

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

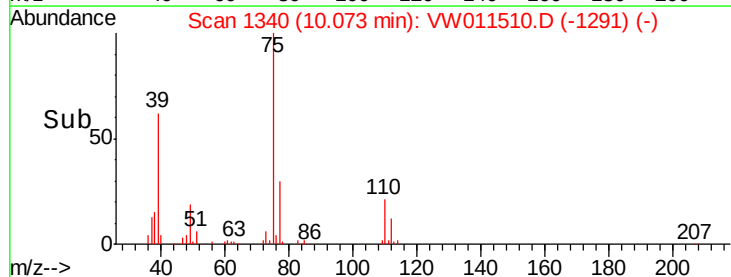
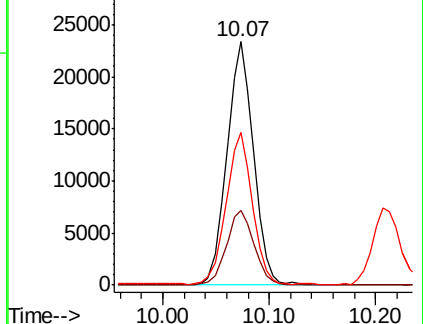
39 62.7 47.0 70.4

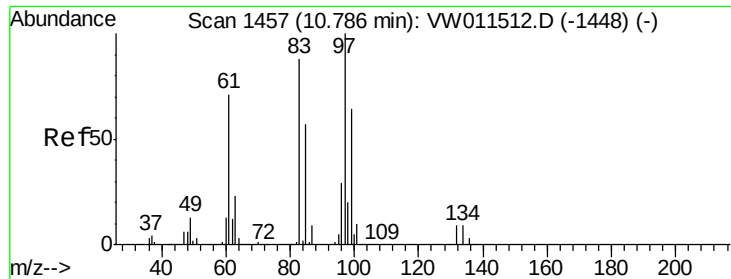


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

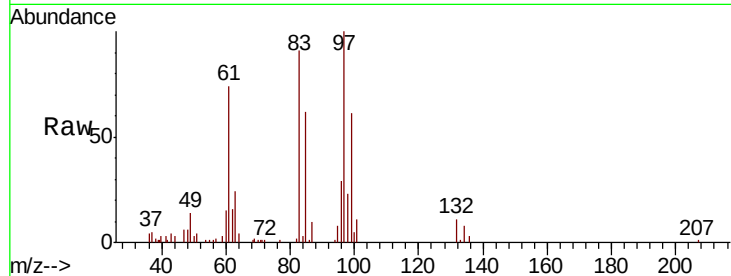




#55  
 1,1,2-Trichloroethane  
 Concen: 9.380 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 18083 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.1  | 70.5  | 105.7 |
| 85       | 61.7  | 45.8  | 68.6  |
| 99       | 61.4  | 51.0  | 76.4  |



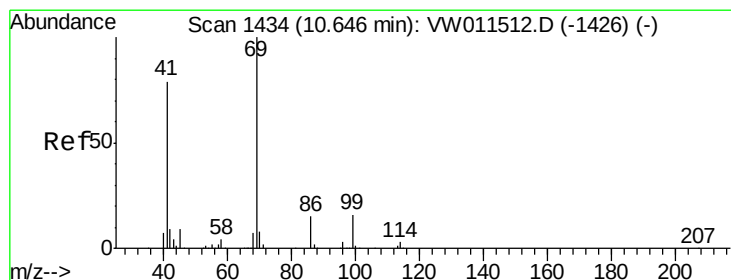
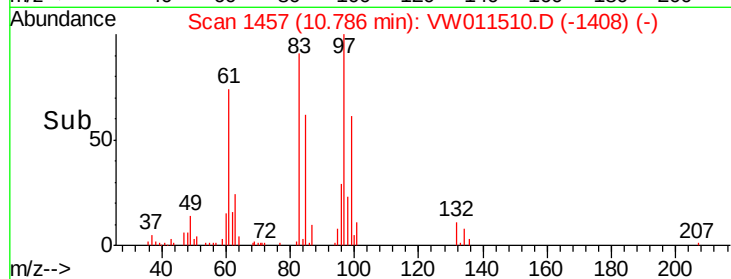
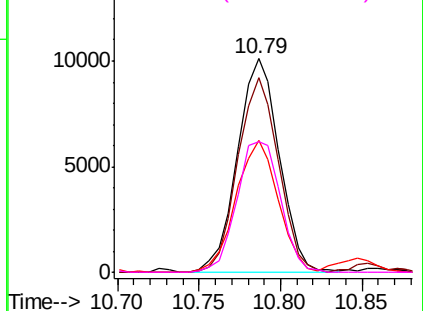
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

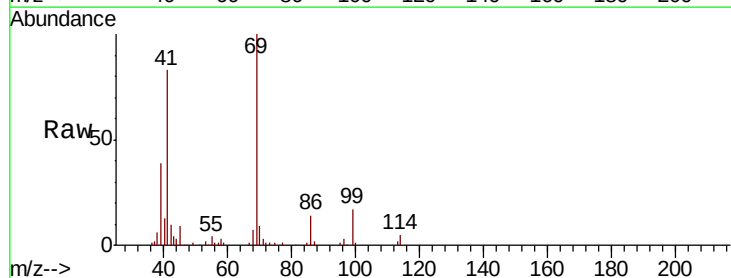
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56  
 Ethyl methacrylate  
 Concen: 8.963 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 25284 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 87.0  | 66.6  | 99.8  |
| 39       | 37.9  | 30.3  | 45.5  |

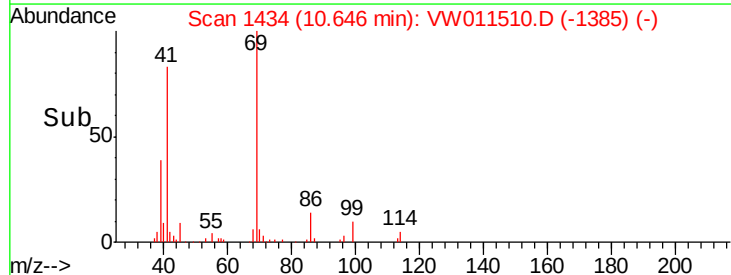
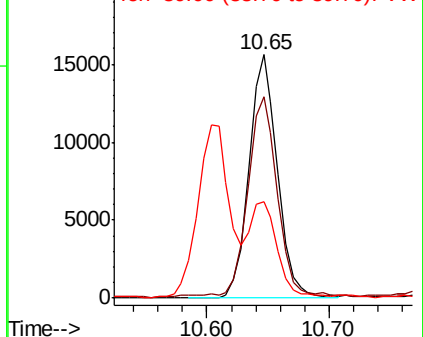


Abundance

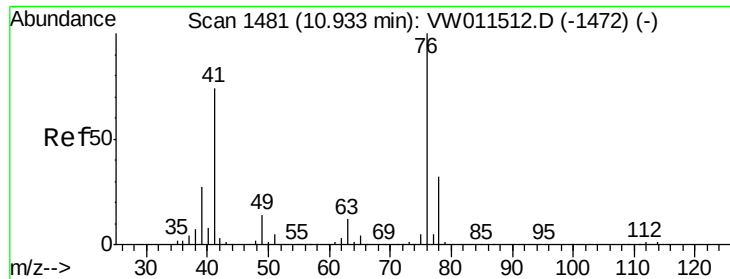
Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



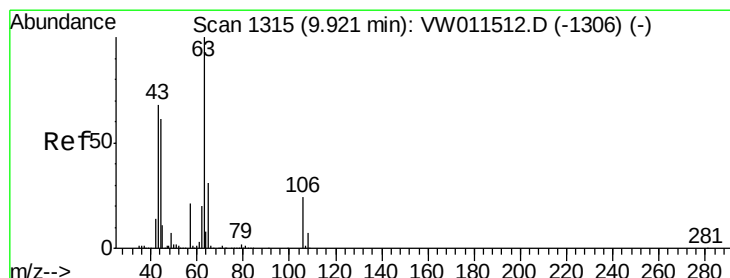
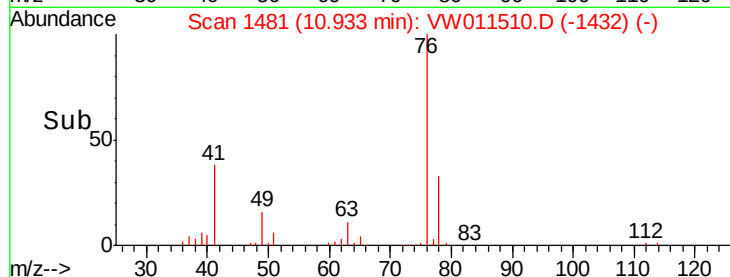
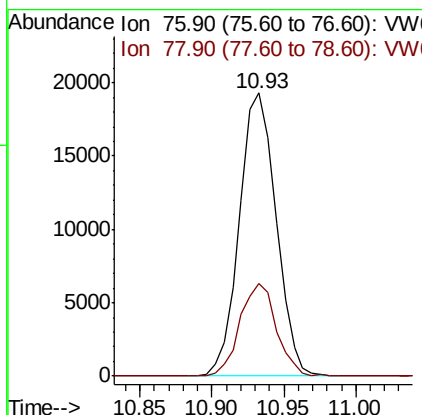
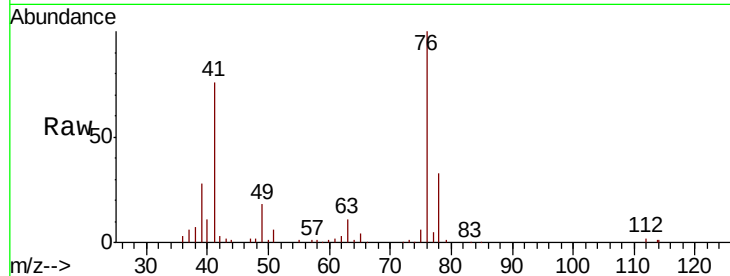




#57  
 1,3-Dichloropropane  
 Concen: 9.379 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

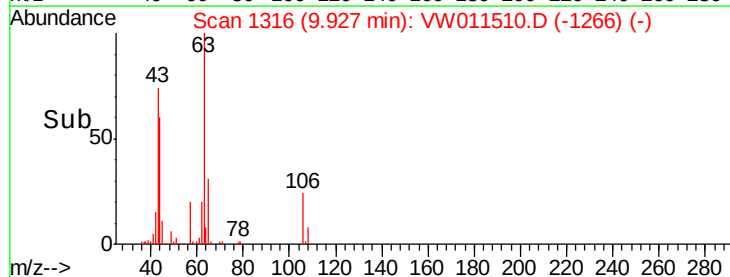
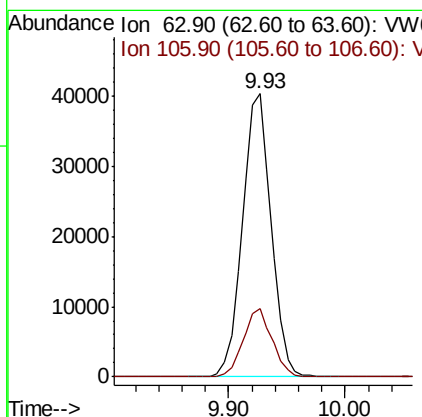
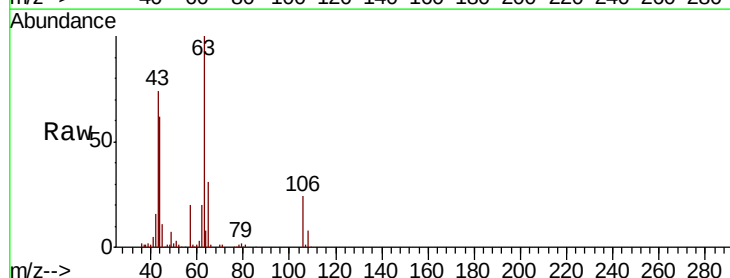
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

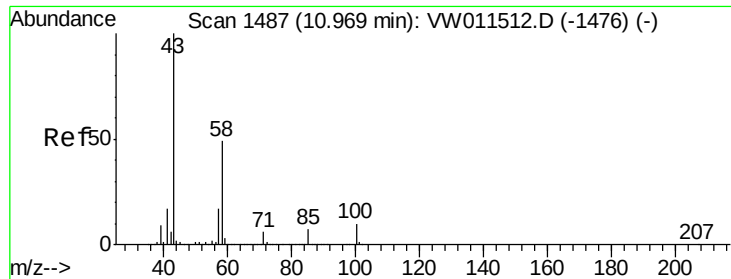
Tot Ion: 76 Resp: 34209  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.2 37.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 54.180 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion: 63 Resp: 69396  
 Ion Ratio Lower Upper  
 63 100  
 106 24.0 19.7 29.5

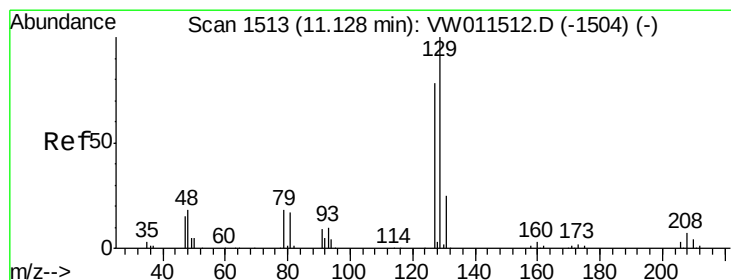
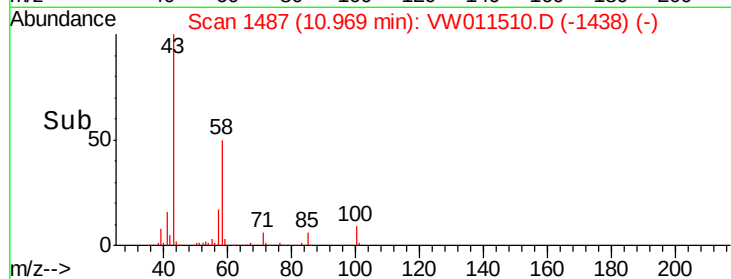
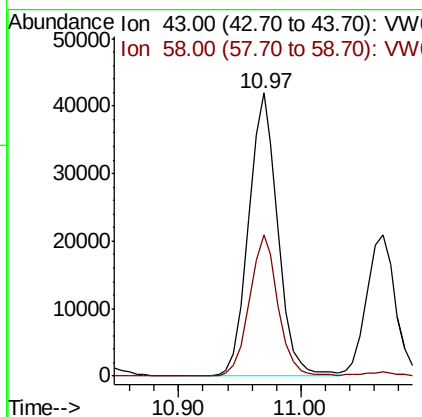
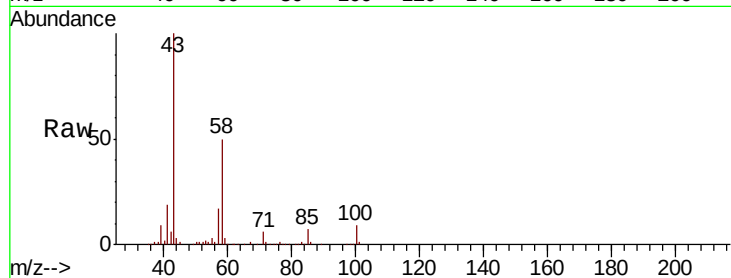




#59  
2-Hexanone  
Concen: 45.141 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

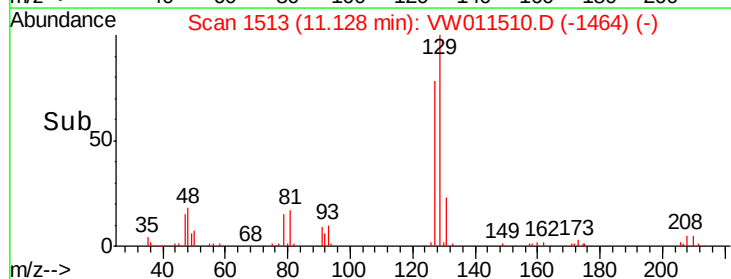
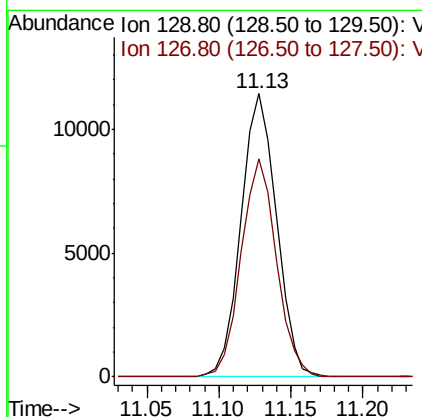
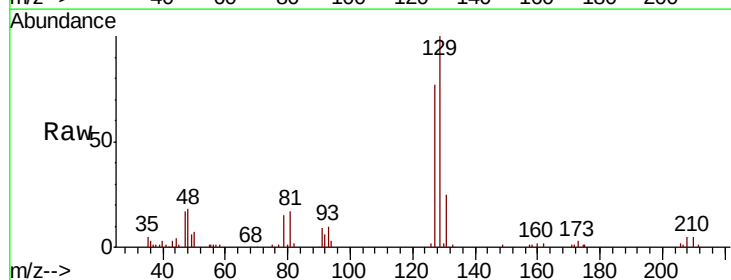
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

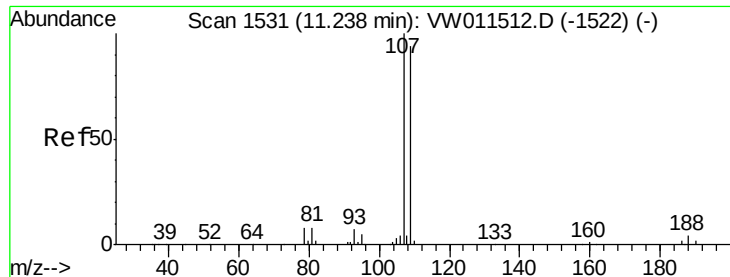
Tot Ion: 43 Resp: 69674  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.3 72.9



#60  
Dibromochloromethane  
Concen: 9.142 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 129 Resp: 19563  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 9.660 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

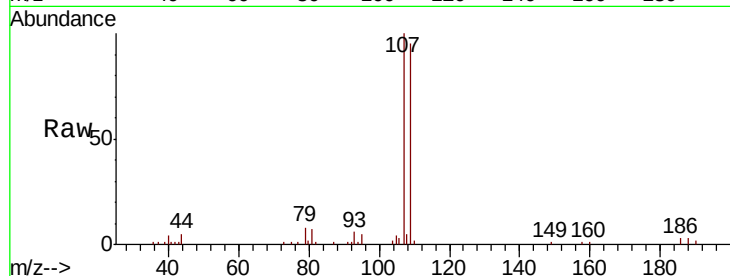
VSTDIC010

Tot Ion:107 Resp: 17624

Ion Ratio Lower Upper

107 100

109 92.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

10000

8000

6000

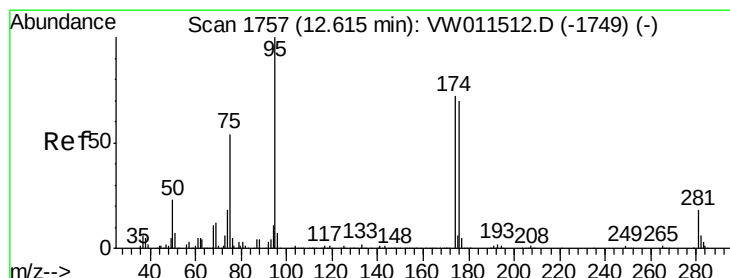
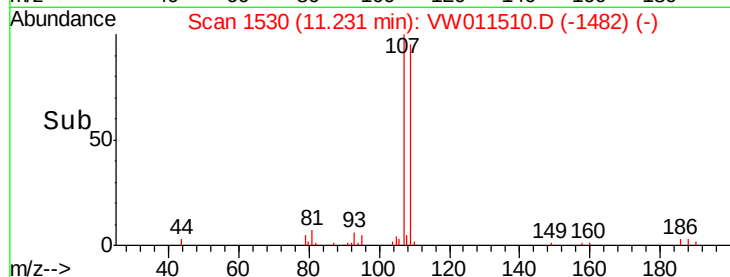
4000

2000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 10.193 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

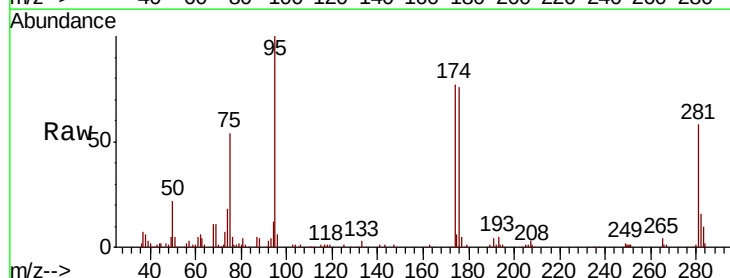
Tgt Ion: 95 Resp: 31887

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

176 74.1 0.0 144.4



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

25000

20000

15000

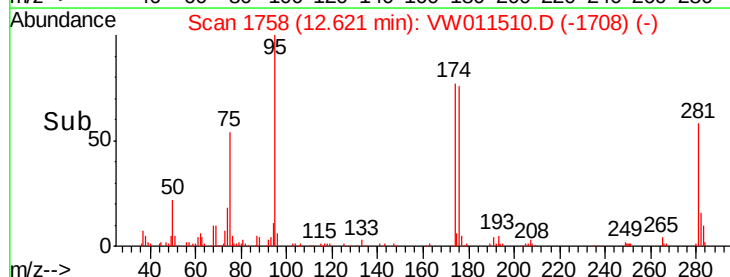
10000

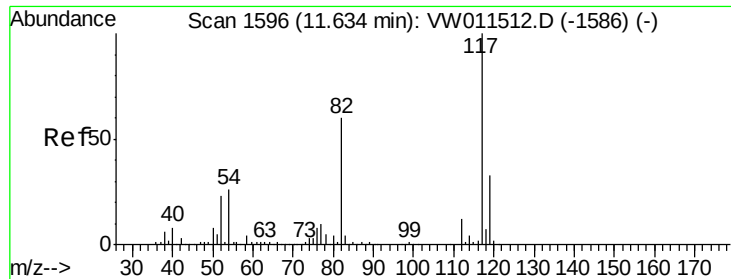
5000

0

Time-->

12.55 12.60 12.65 12.70

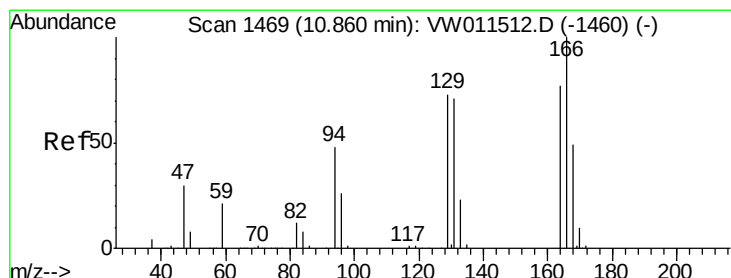
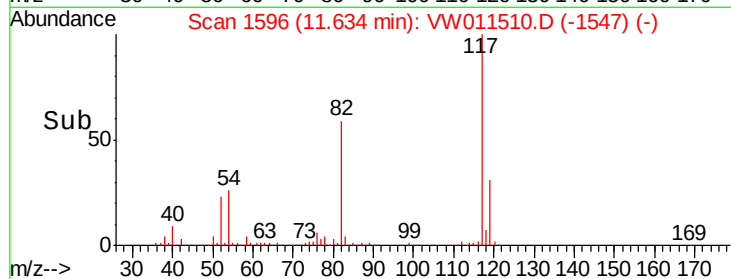
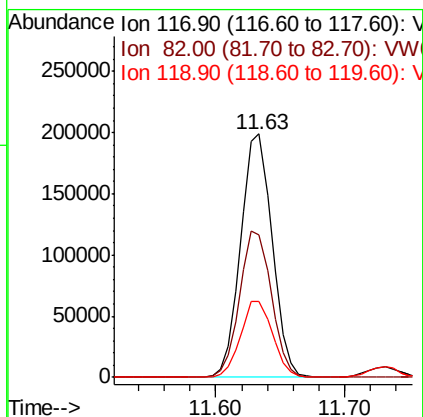
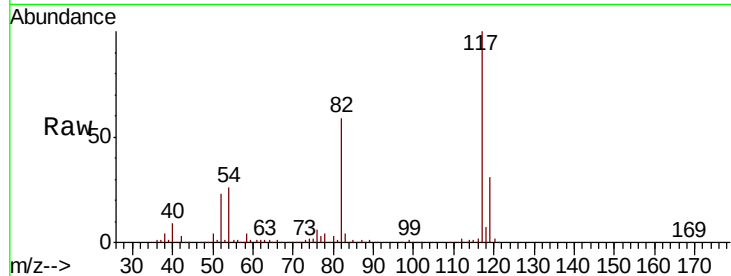




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

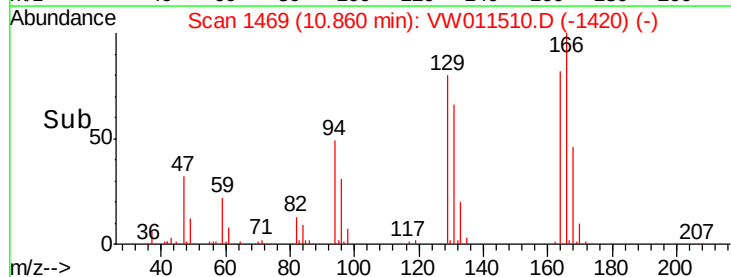
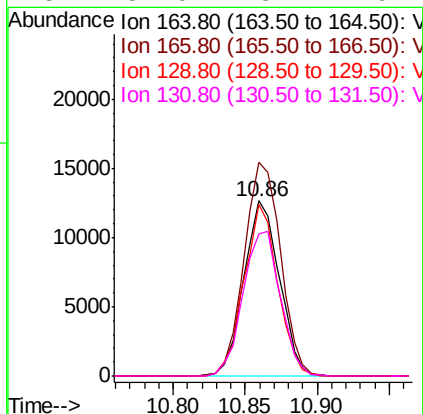
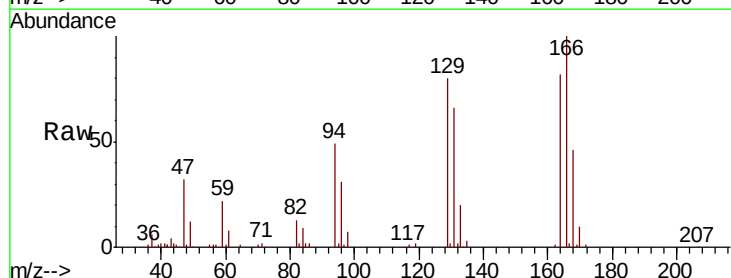
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

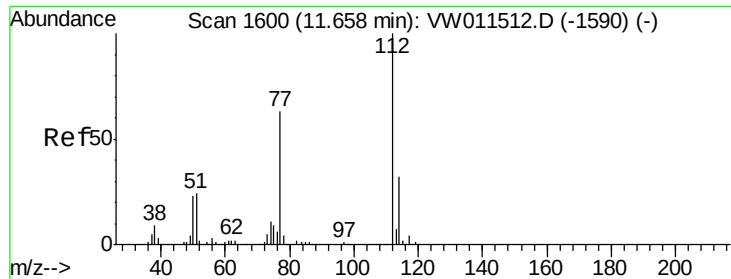
Tot Ion:117 Resp: 335925  
Ion Ratio Lower Upper  
117 100  
82 58.6 47.9 71.9  
119 31.1 26.2 39.2



#64  
Tetrachloroethene  
Concen: 9.861 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion:164 Resp: 21568  
Ion Ratio Lower Upper  
164 100  
166 121.8 103.5 155.3  
129 97.7 75.2 112.8  
131 81.0 73.4 110.2





#65

Chlorobenzene

Concen: 9.667 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

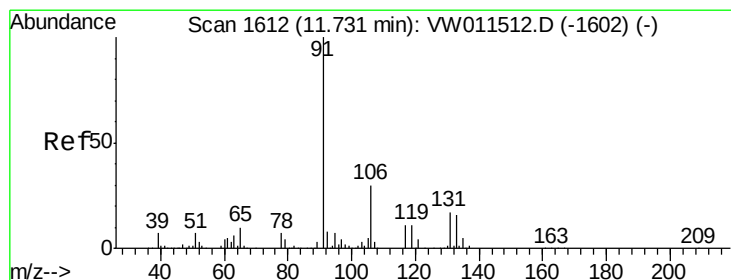
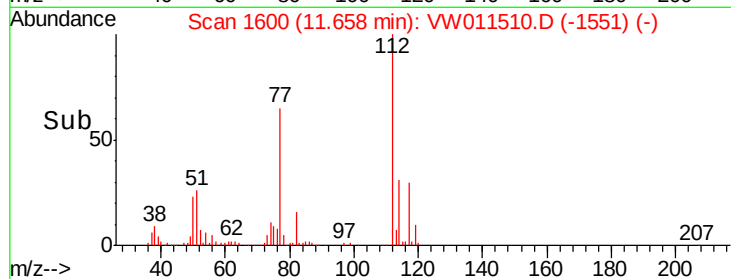
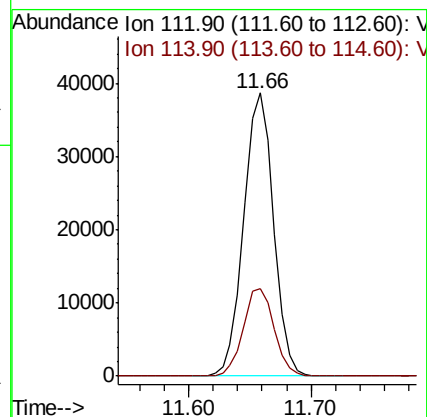
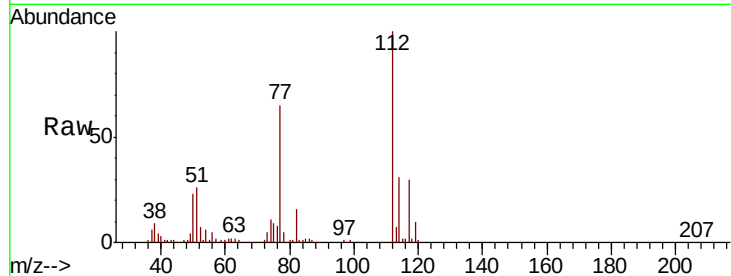
VSTDIC010

Tot Ion:112 Resp: 65286

Ion Ratio Lower Upper

112 100

114 30.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 9.310 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

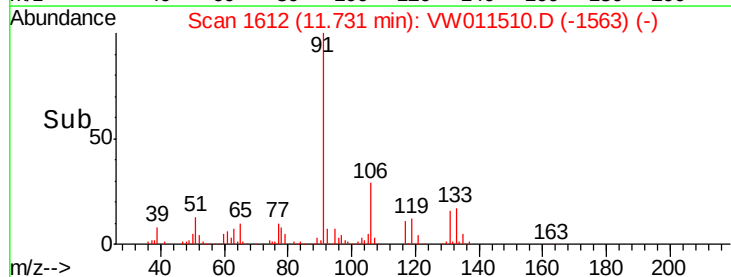
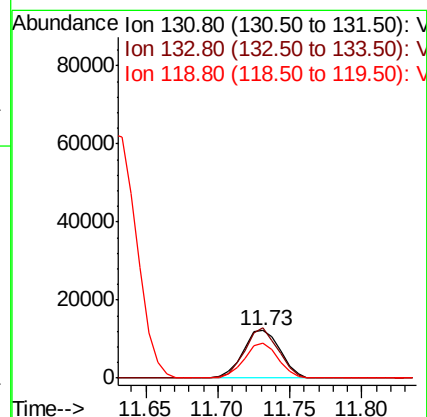
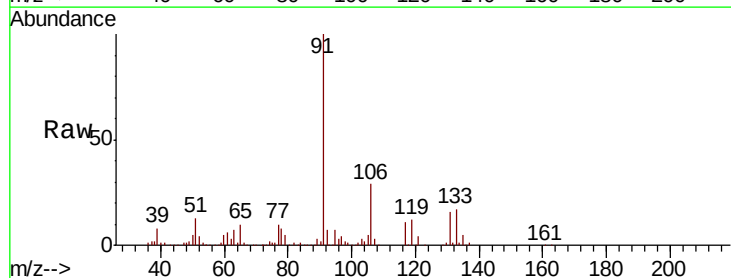
Tgt Ion:131 Resp: 21902

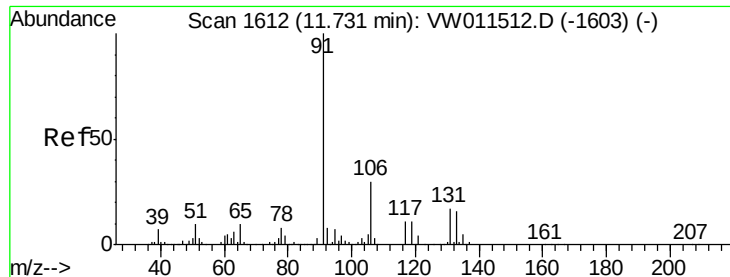
Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

119 67.3 32.3 96.9





#67

Ethyl Benzene

Concen: 9.451 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

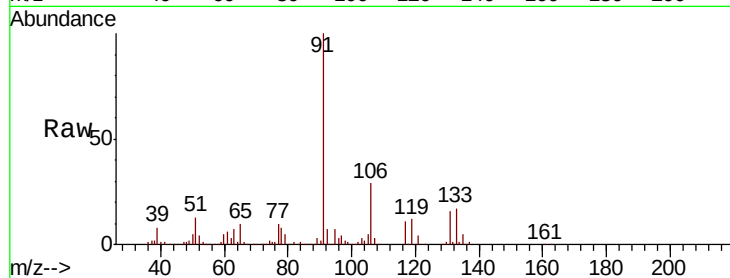
VSTDIC010

Tot Ion: 91 Resp: 121567

Ion Ratio Lower Upper

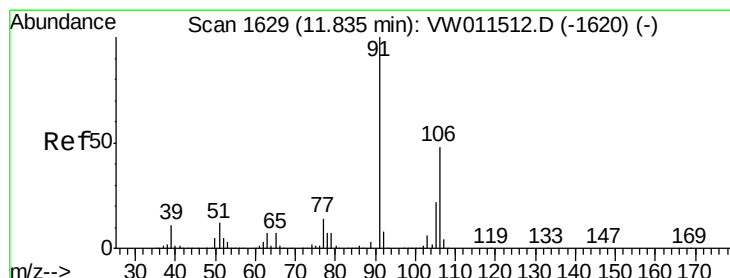
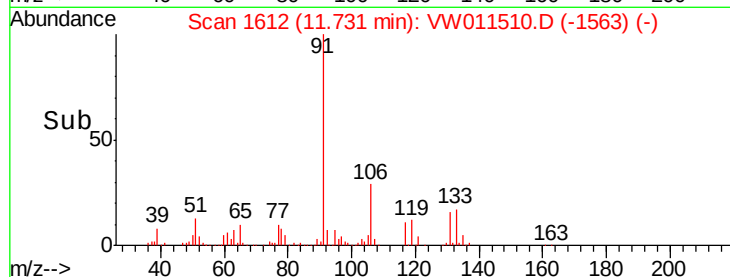
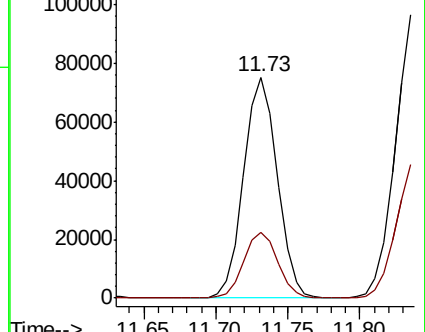
91 100

106 29.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 19.166 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW011510.D

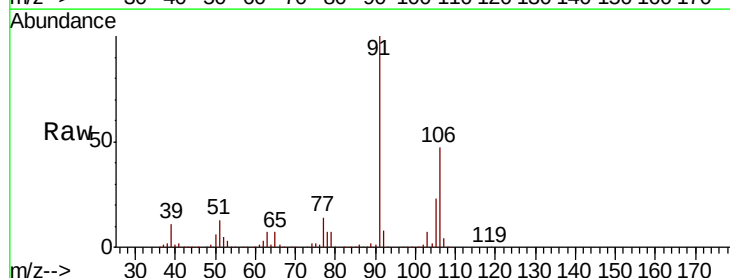
Acq: 26 Jul 2019 11:57

Tgt Ion: 106 Resp: 89654

Ion Ratio Lower Upper

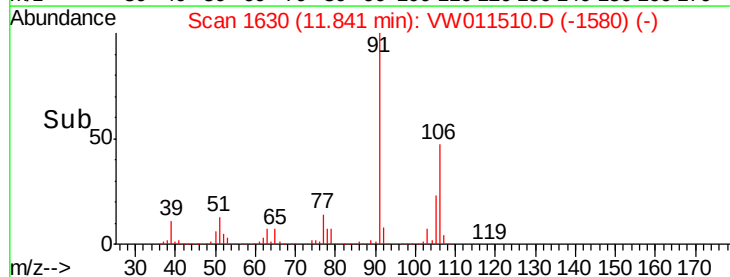
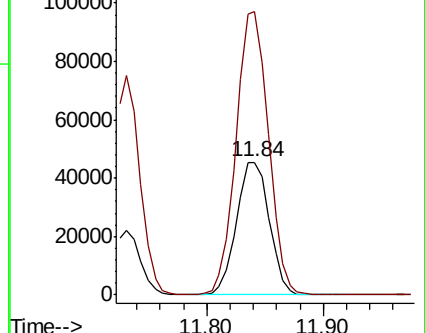
106 100

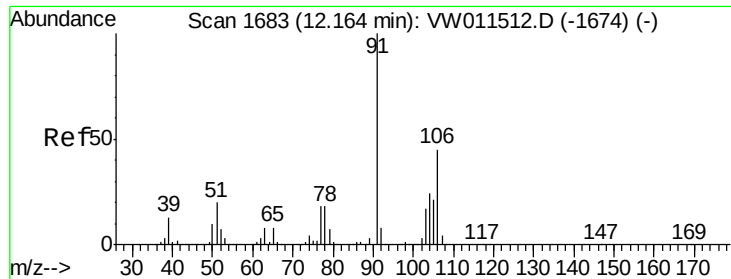
91 210.0 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

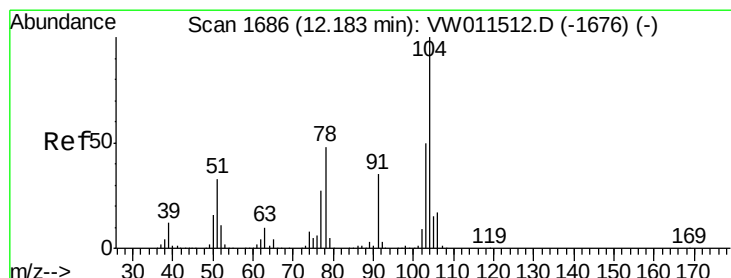
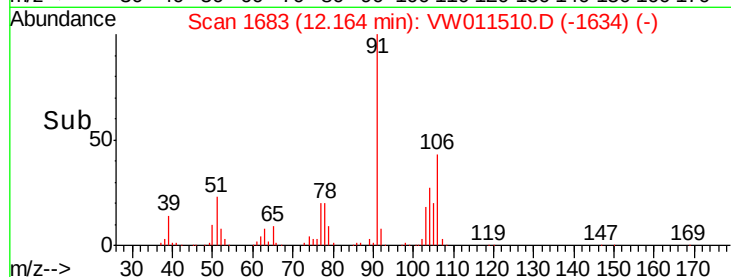
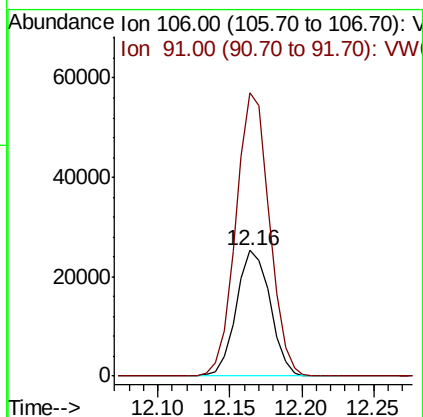
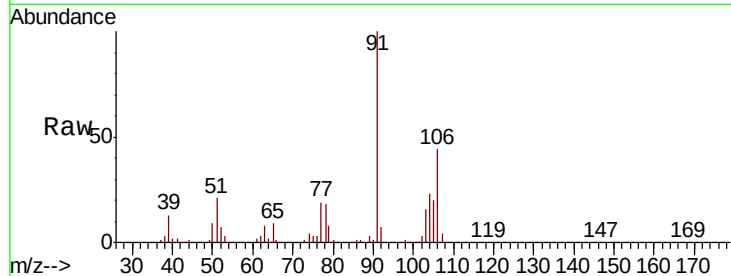




#69  
o-Xylene  
Concen: 9.536 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

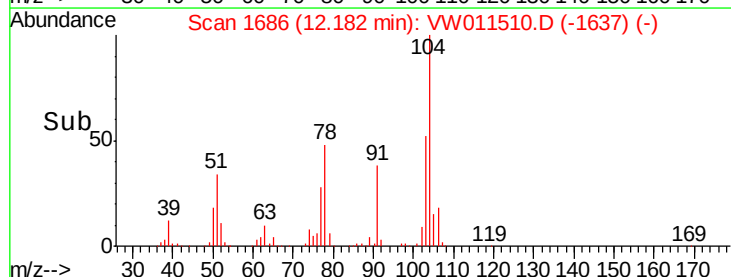
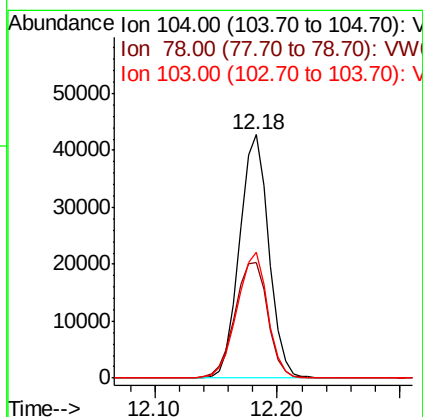
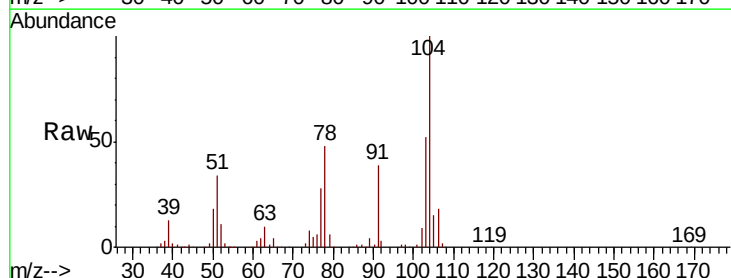
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

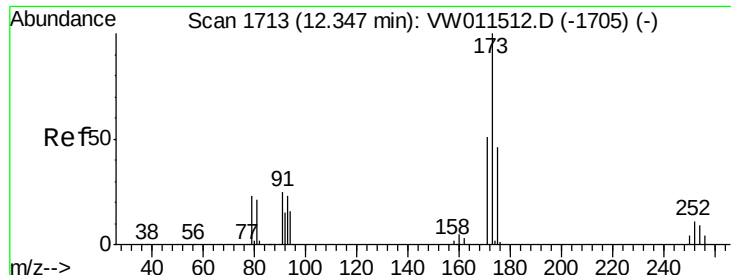
Tot Ion:106 Resp: 41451  
Ion Ratio Lower Upper  
106 100  
91 222.7 110.5 331.5



#70  
Styrene  
Concen: 9.447 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion:104 Resp: 70999  
Ion Ratio Lower Upper  
104 100  
78 53.6 43.4 65.0  
103 54.2 43.9 65.9

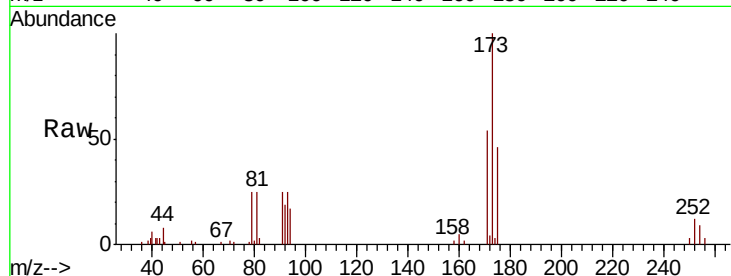




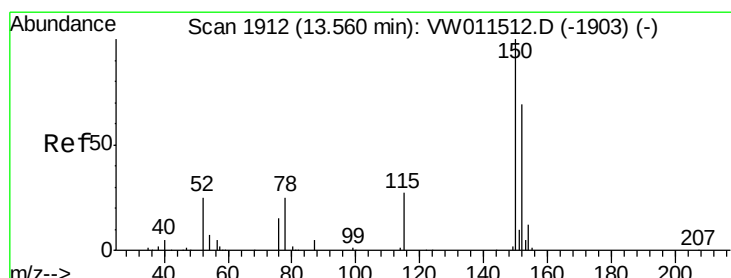
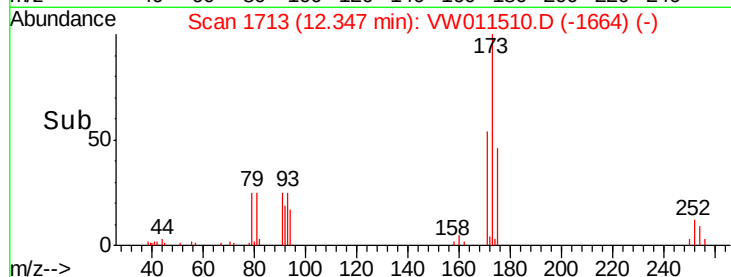
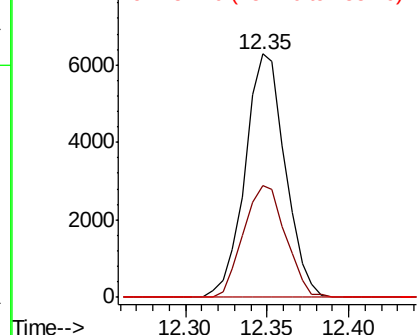
#71  
Bromoform  
Concen: 8.978 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion:173 Resp: 10769  
Ion Ratio Lower Upper  
173 100  
175 48.1 23.6 71.0  
254 0.0 0.1 0.1#

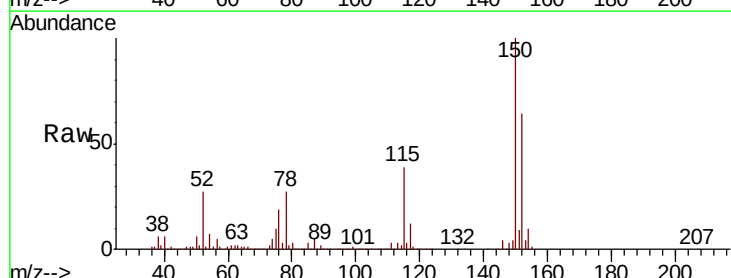


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

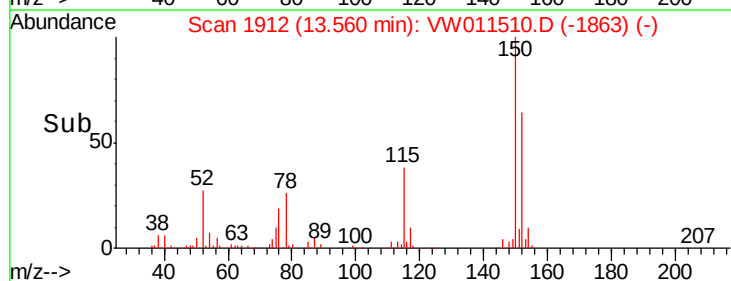
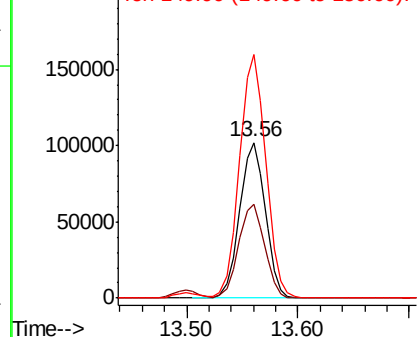


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

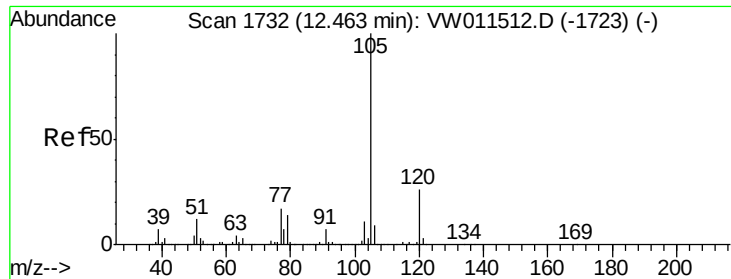
Tgt Ion:152 Resp: 162720  
Ion Ratio Lower Upper  
152 100  
115 60.9 30.5 91.5  
150 160.8 0.0 352.6



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: 9.490 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

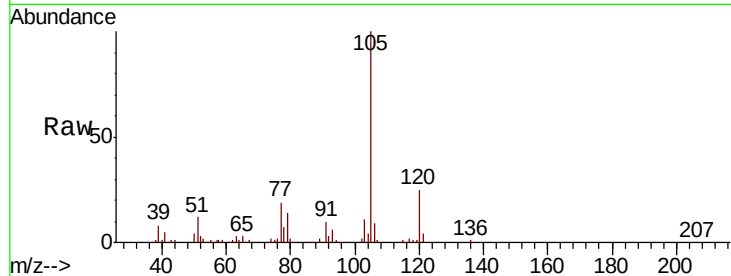
VSTDIC010

Tot Ion:105 Resp: 115201

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

80000

60000

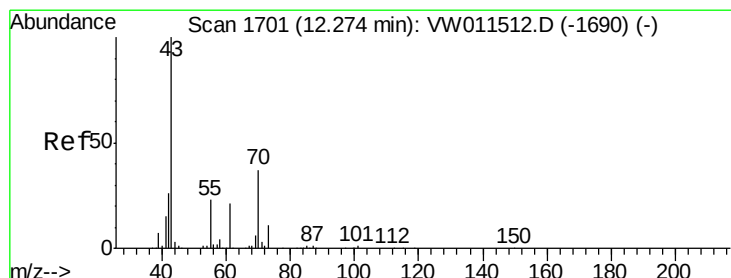
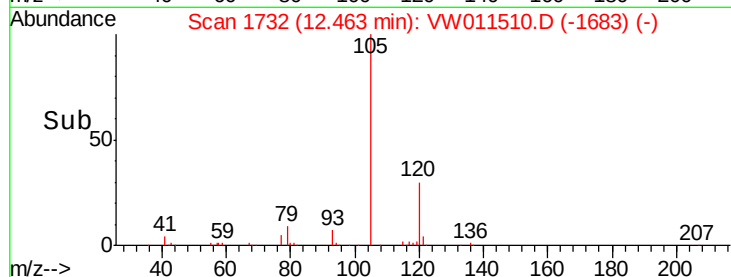
40000

20000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 8.943 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Tgt Ion: 43 Resp: 33989

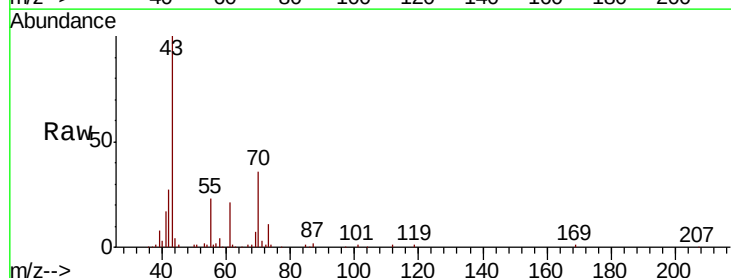
Ion Ratio Lower Upper

43 100

70 37.3 28.6 43.0

55 23.8 17.8 26.8

61 22.1 17.0 25.6



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

30000

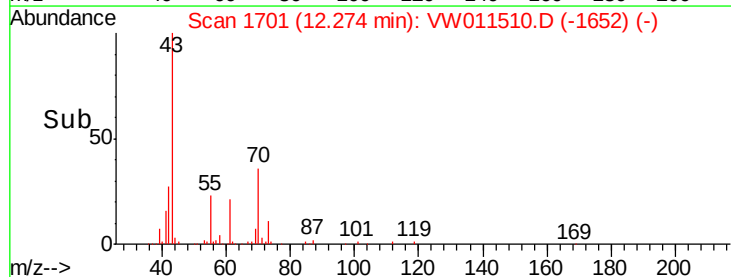
20000

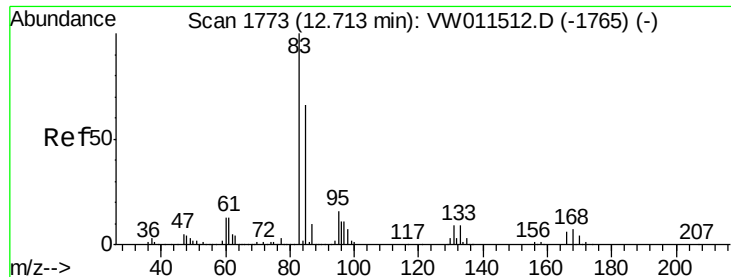
10000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.486 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

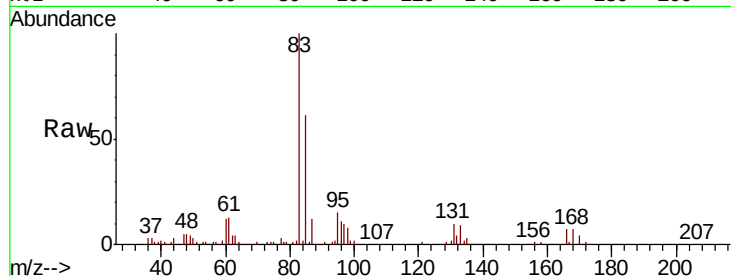
Tot Ion: 83 Resp: 21660

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

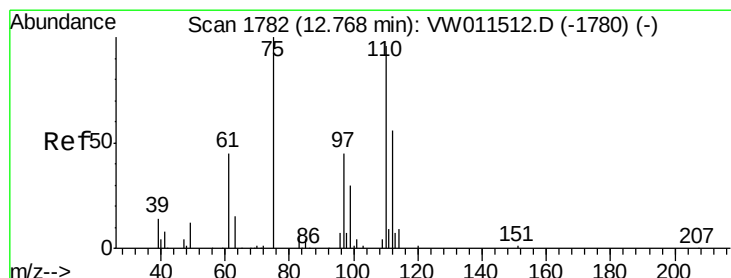
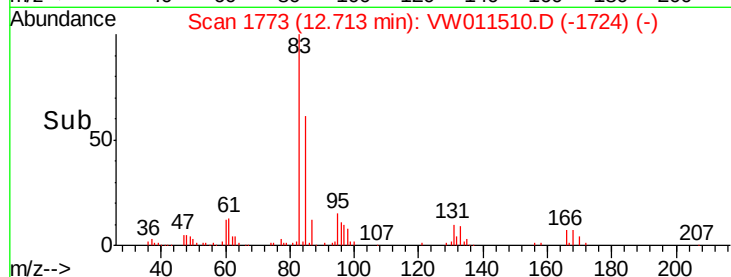
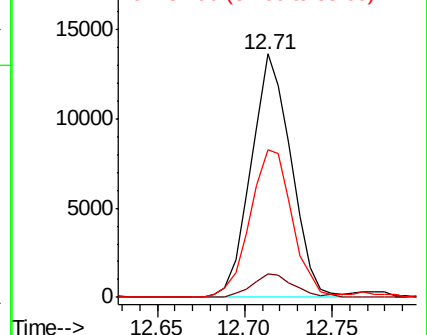
85 64.2 31.8 95.4



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: 16.501 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011510.D

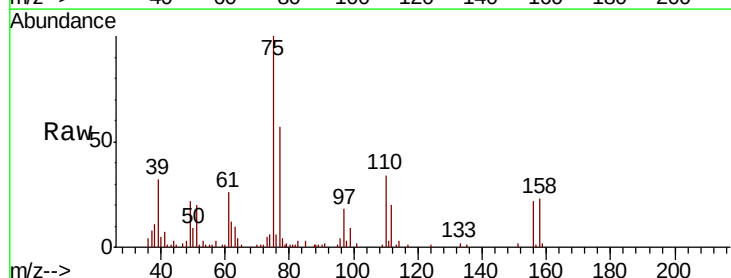
Acq: 26 Jul 2019 11:57

Tgt Ion: 75 Resp: 28505

Ion Ratio Lower Upper

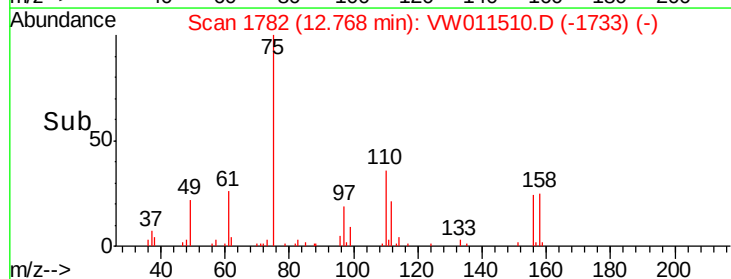
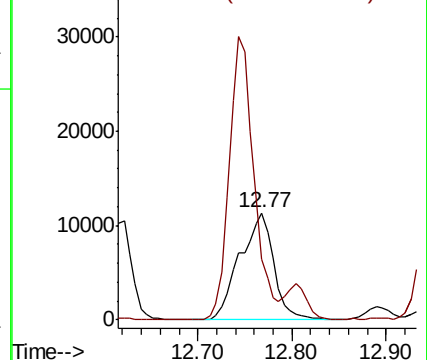
75 100

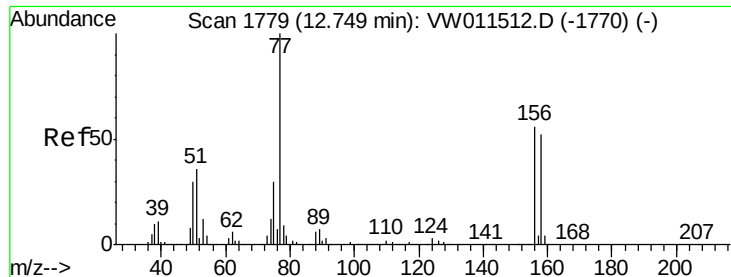
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.486 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

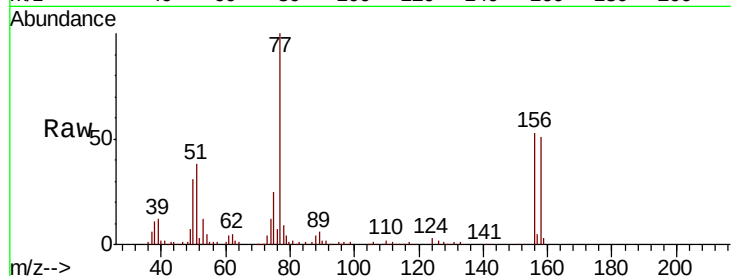
Tot Ion:156 Resp: 25453

Ion Ratio Lower Upper

156 100

77 215.0 106.5 319.4

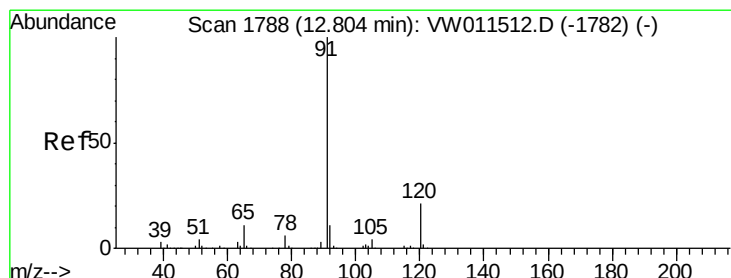
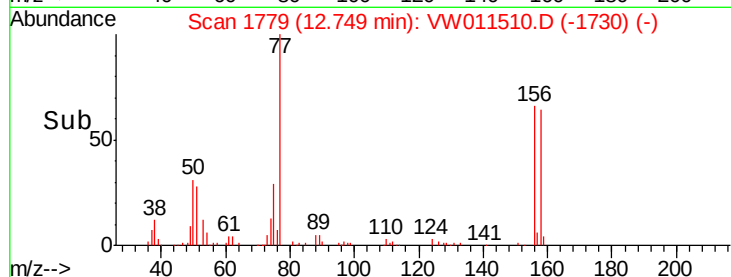
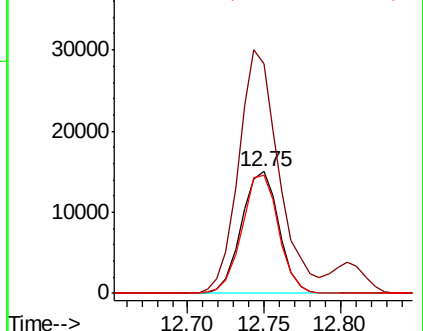
158 95.8 48.0 144.2



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: 9.486 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011510.D

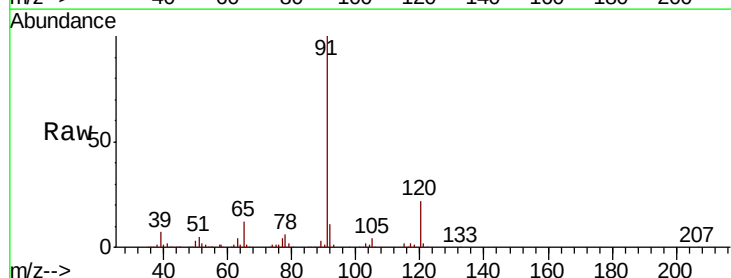
Acq: 26 Jul 2019 11:57

Tgt Ion: 91 Resp: 140147

Ion Ratio Lower Upper

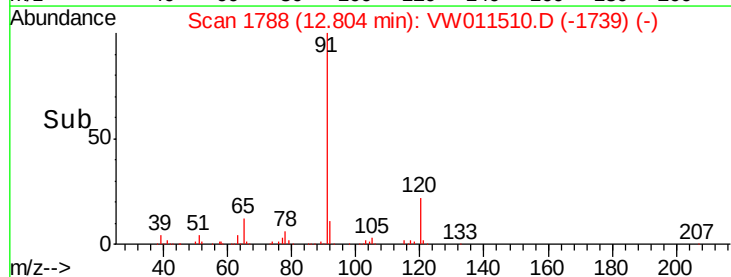
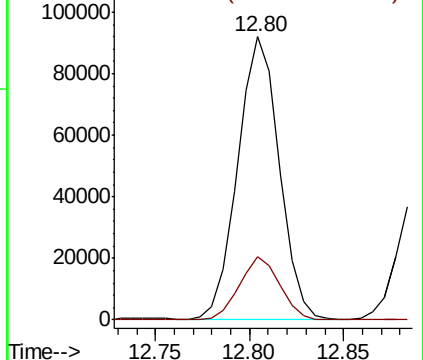
91 100

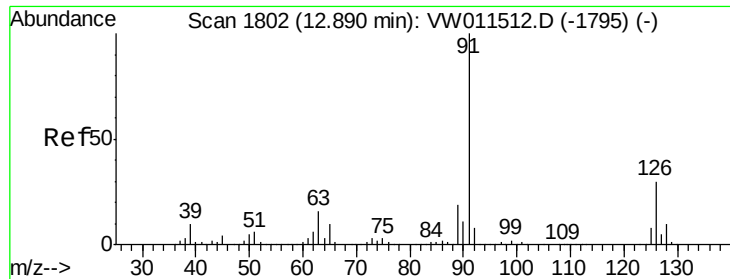
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.647 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

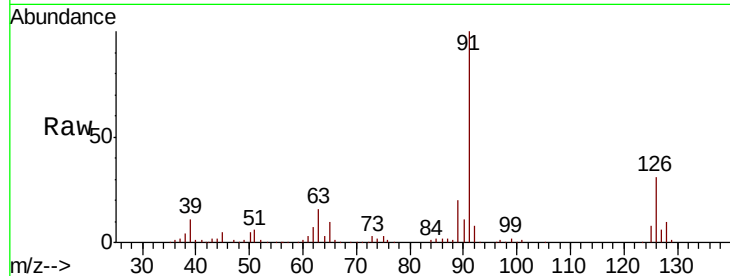
VSTDIC010

Tot Ion: 91 Resp: 82108

Ion Ratio Lower Upper

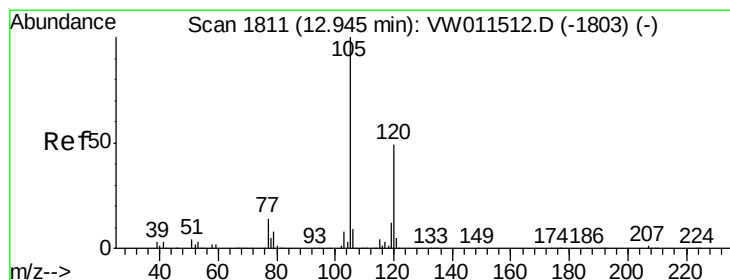
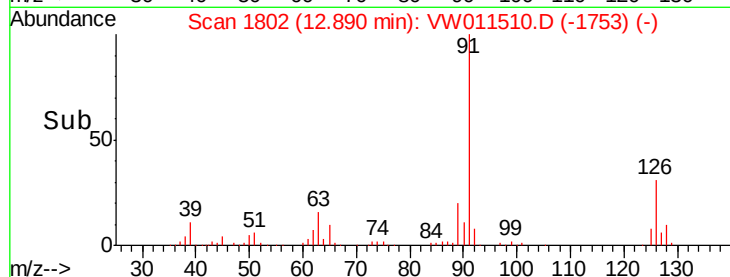
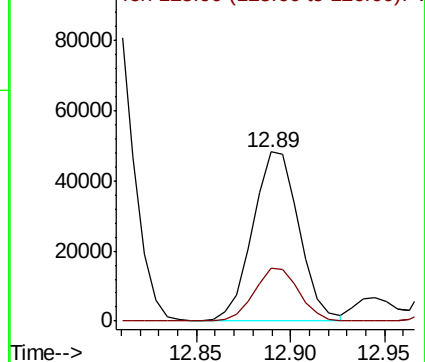
91 100

126 30.1 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.642 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011510.D

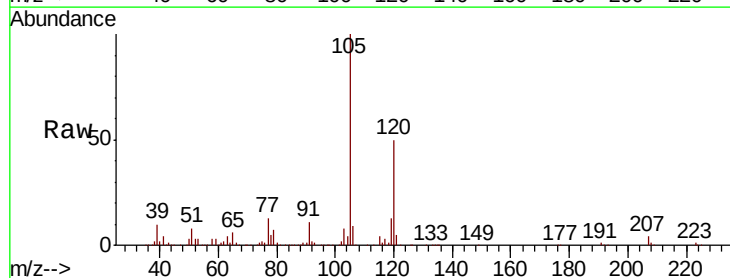
Acq: 26 Jul 2019 11:57

Tgt Ion:105 Resp: 98112

Ion Ratio Lower Upper

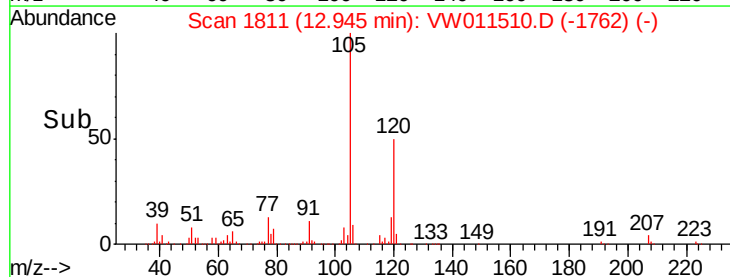
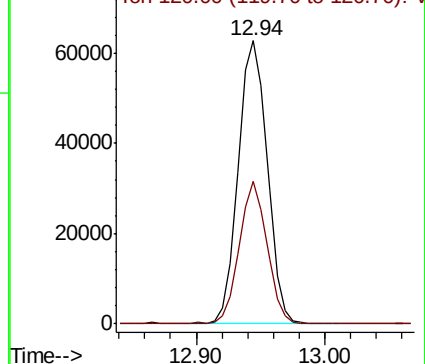
105 100

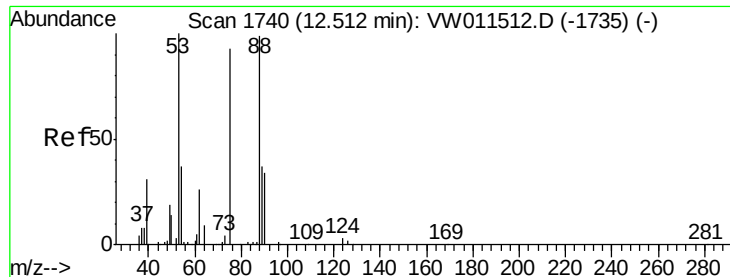
120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.273 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

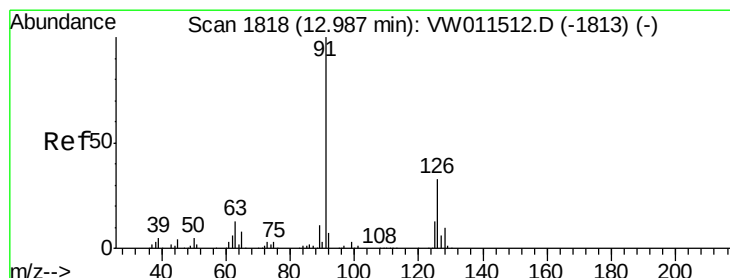
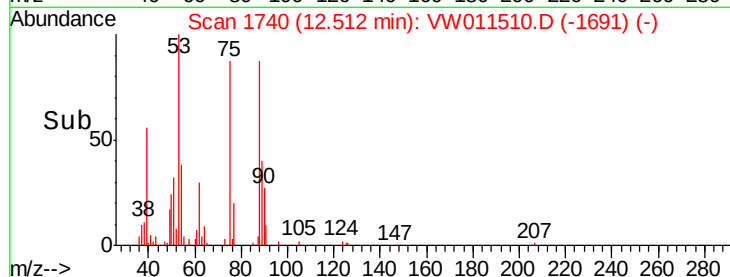
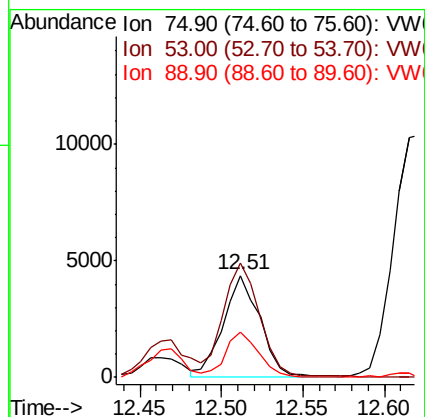
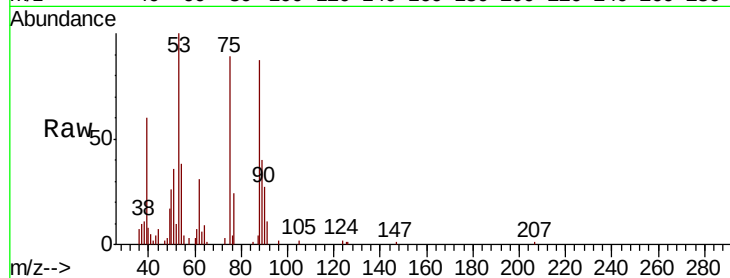
Tot Ion: 75 Resp: 6928

Ion Ratio Lower Upper

75 100

53 108.1 88.0 132.0

89 40.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 9.707 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011510.D

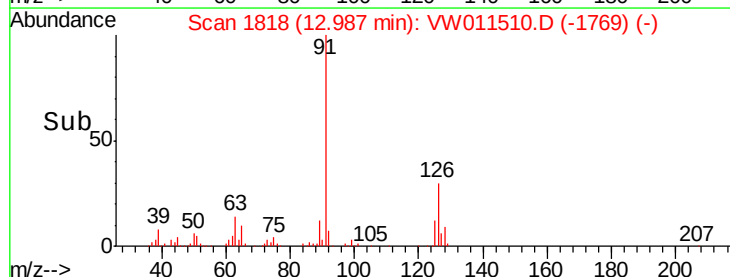
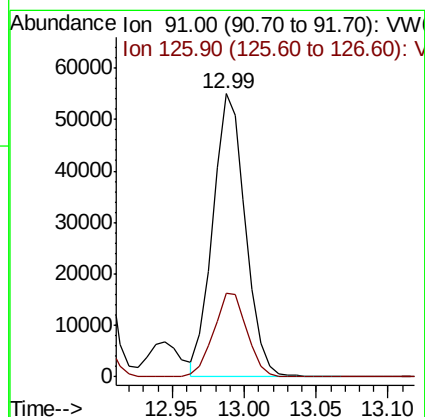
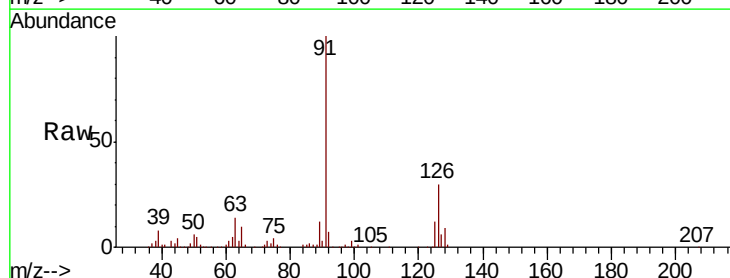
Acq: 26 Jul 2019 11:57

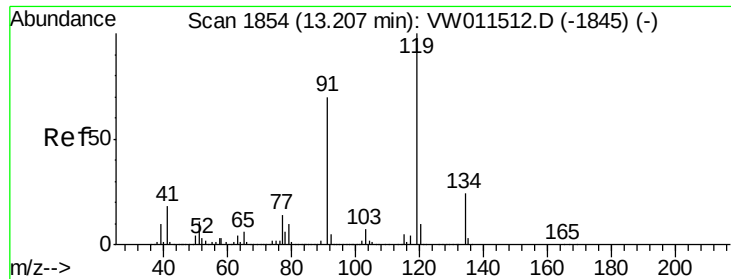
Tgt Ion: 91 Resp: 86681

Ion Ratio Lower Upper

91 100

126 30.5 15.6 46.8

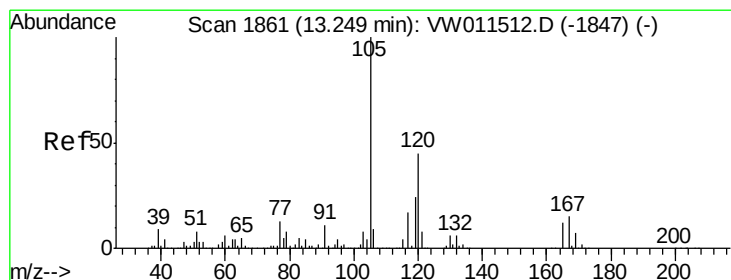
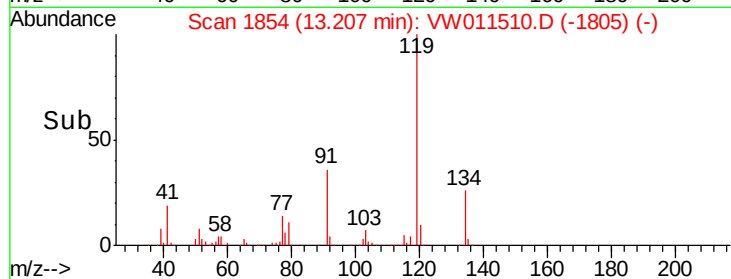
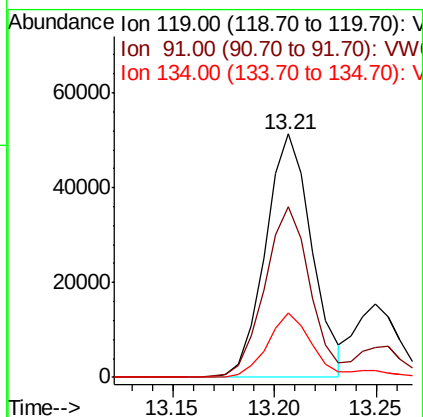
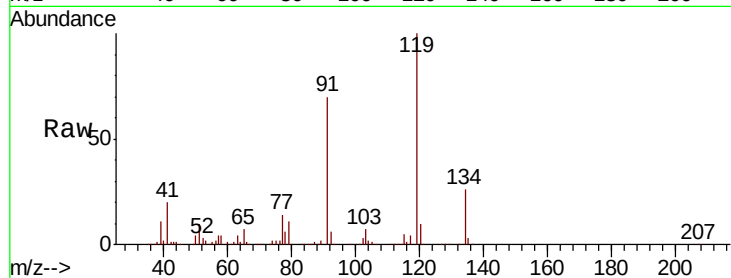




#83  
tert-Butylbenzene  
Concen: 9.547 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

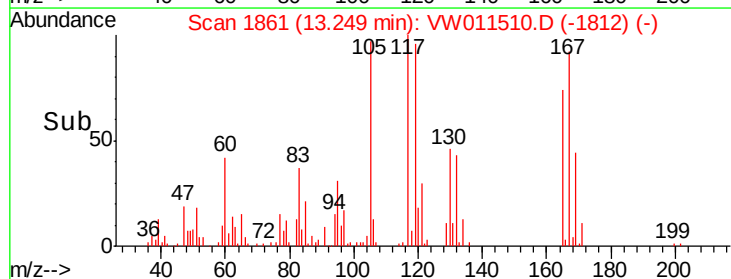
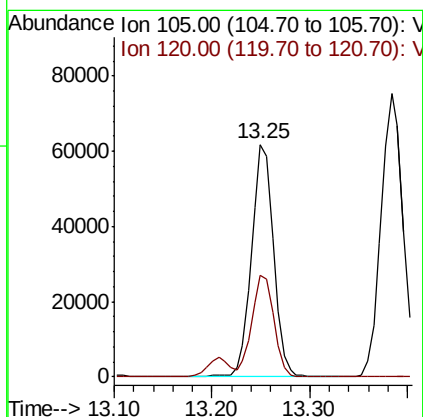
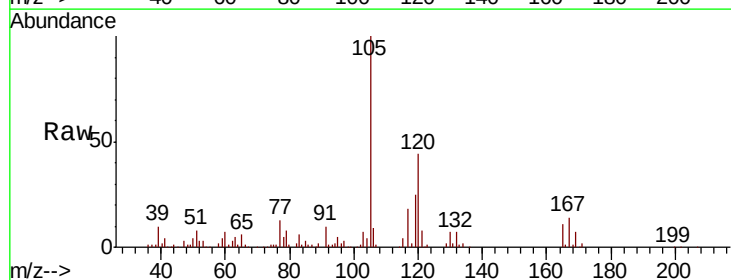
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

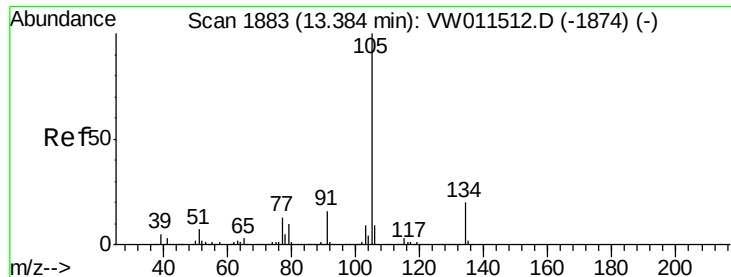
Tot Ion:119 Resp: 81240  
Ion Ratio Lower Upper  
119 100  
91 68.5 34.5 103.6  
134 25.0 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 9.471 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion:105 Resp: 97087  
Ion Ratio Lower Upper  
105 100  
120 43.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 9.589 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

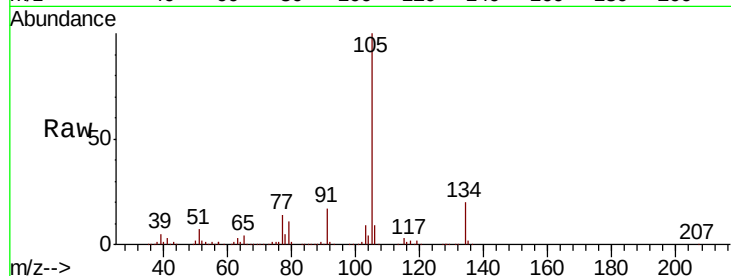
VSTDIC010

Tot Ion:105 Resp: 116432

Ion Ratio Lower Upper

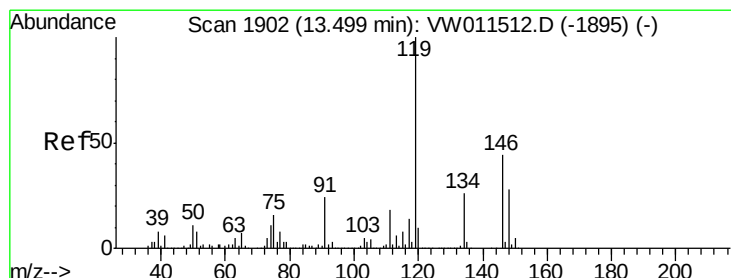
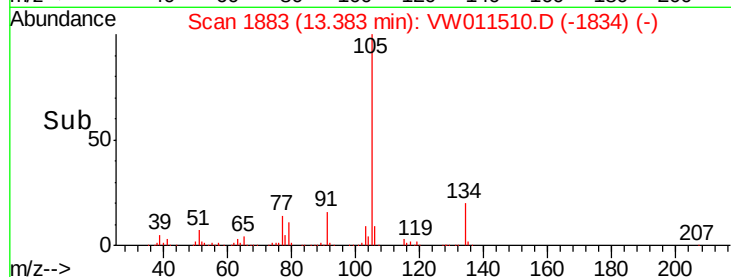
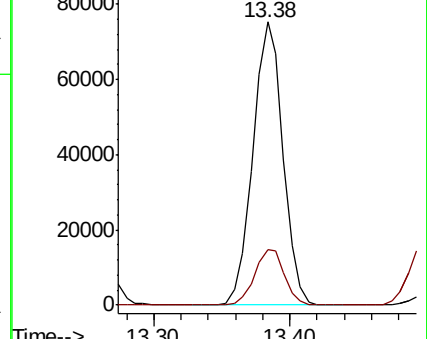
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.602 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

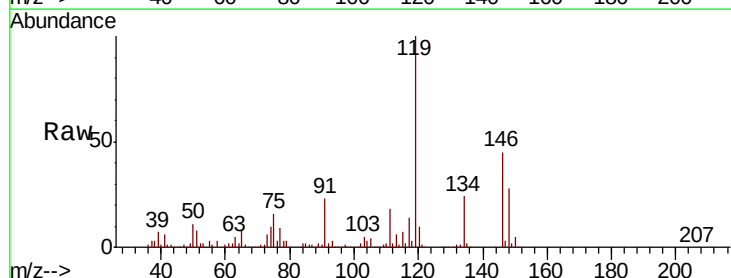
Tgt Ion:119 Resp: 105778

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.4

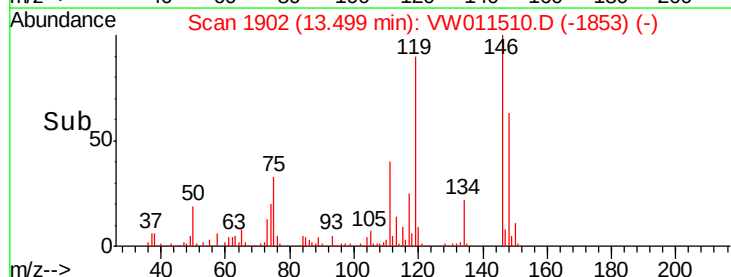
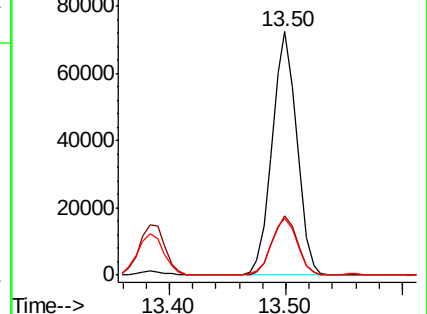
91 24.5 12.1 36.3

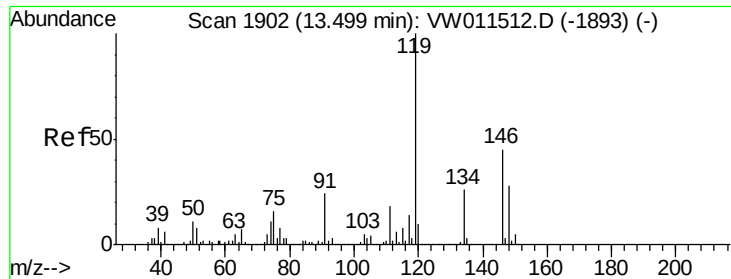


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

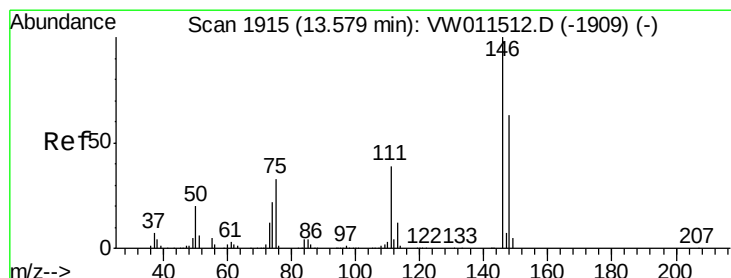
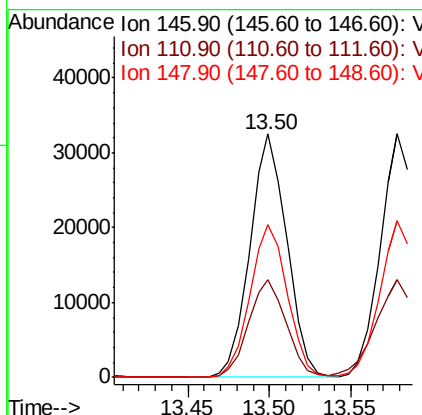
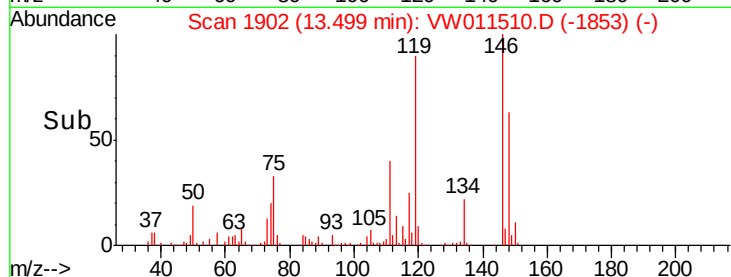
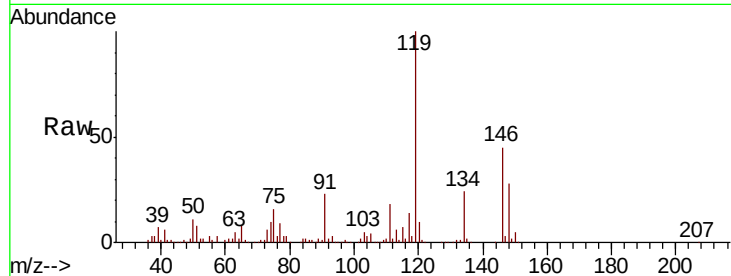




#87  
 1,3-Dichlorobenzene  
 Concen: 9.708 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

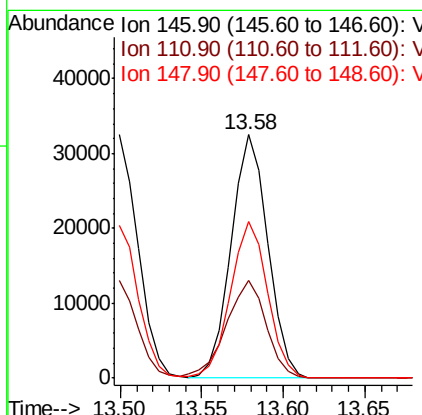
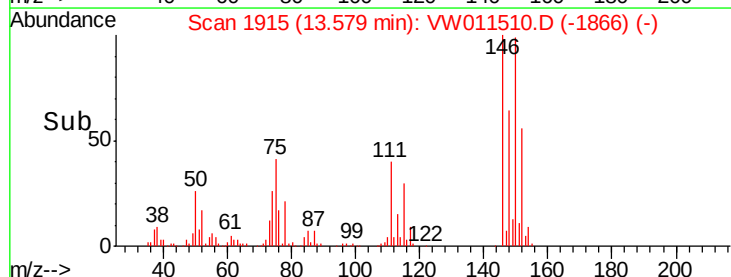
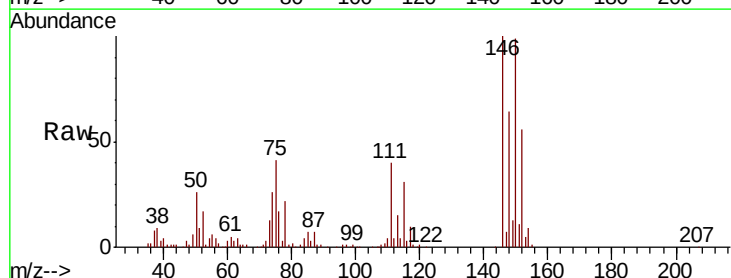
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion:146 Resp: 51073  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.5 61.6  
 148 63.8 31.8 95.3

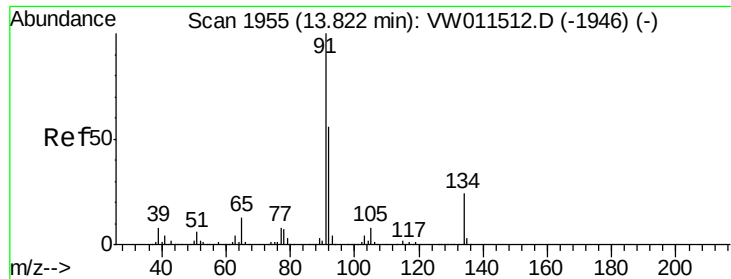


#88  
 1,4-Dichlorobenzene  
 Concen: 9.760 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion:146 Resp: 51079  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 20.1 60.2  
 148 65.2 31.9 95.9



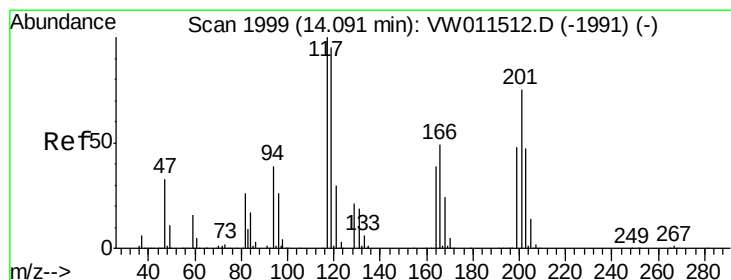
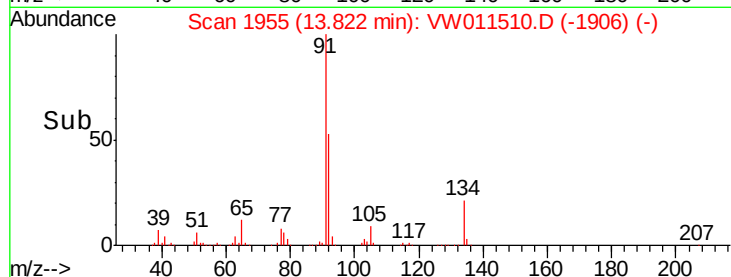
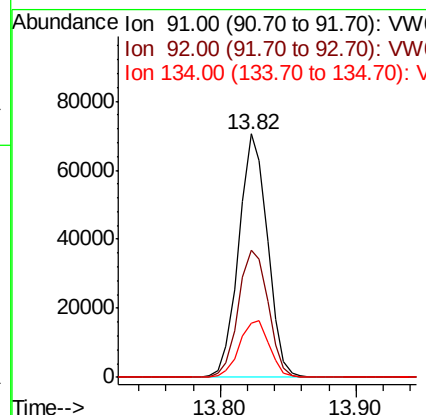
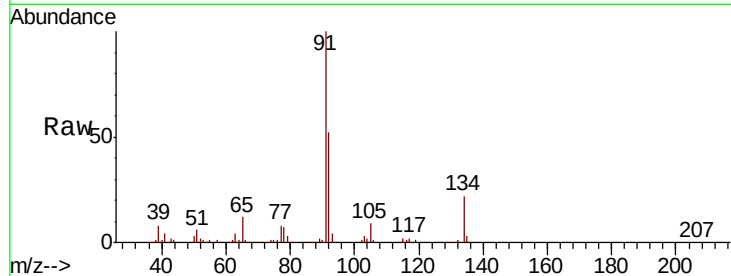




#89  
n-Butylbenzene  
Concen: 9.445 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

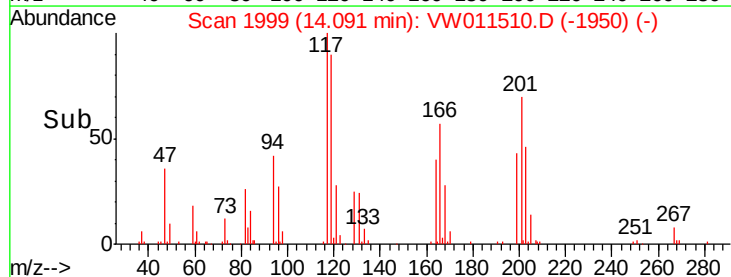
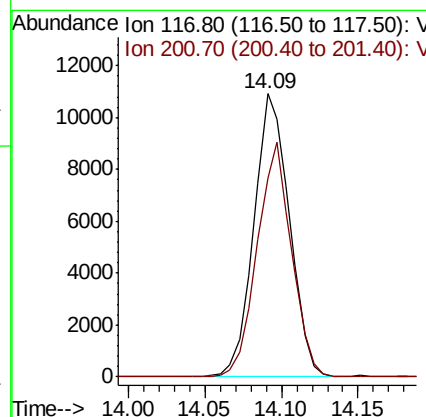
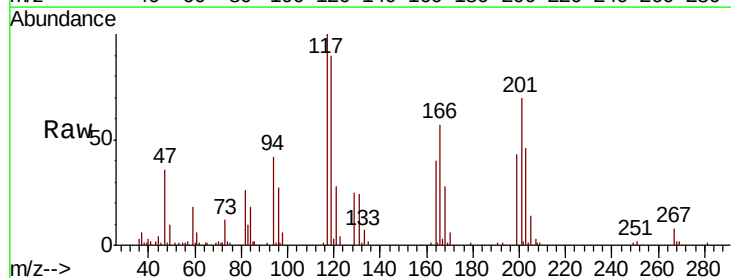
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

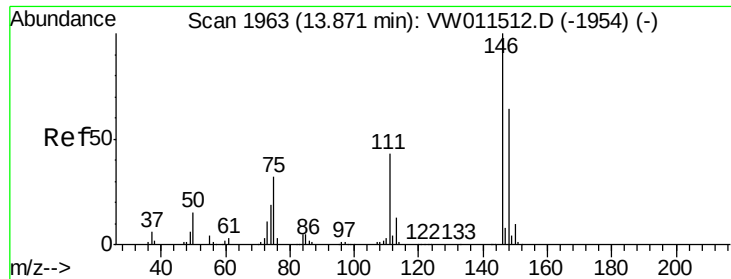
Tot Ion: 91 Resp: 103842  
Ion Ratio Lower Upper  
91 100  
92 54.4 27.5 82.4  
134 24.3 12.2 36.6



#90  
Hexachloroethane  
Concen: 9.057 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion: 117 Resp: 17643  
Ion Ratio Lower Upper  
117 100  
201 80.0 39.4 118.2

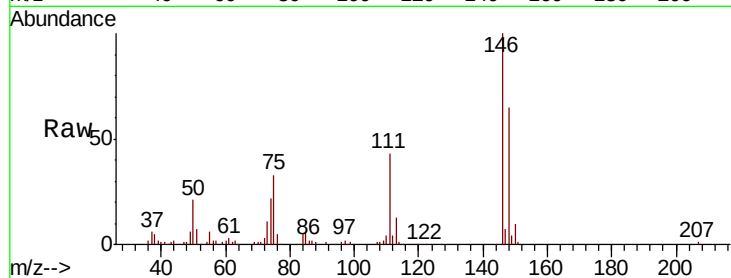




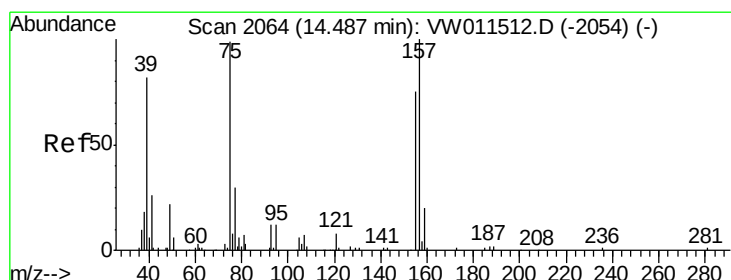
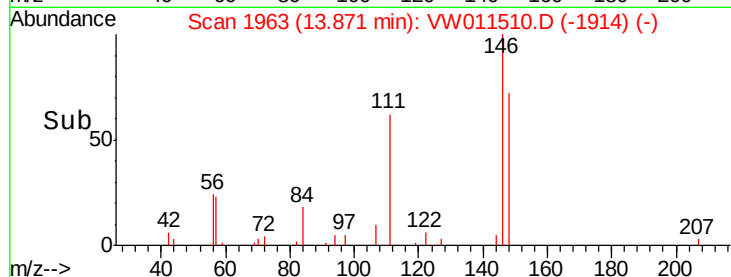
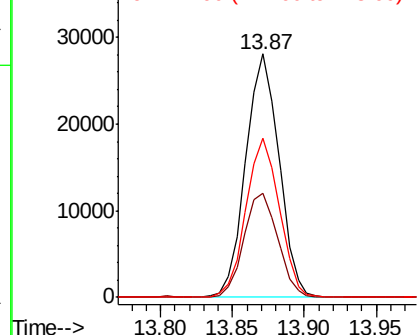
#91  
 1,2-Dichlorobenzene  
 Concen: 9.682 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion:146 Resp: 45051  
 Ion Ratio Lower Upper  
 146 100  
 111 43.6 21.6 65.0  
 148 65.4 32.0 96.2

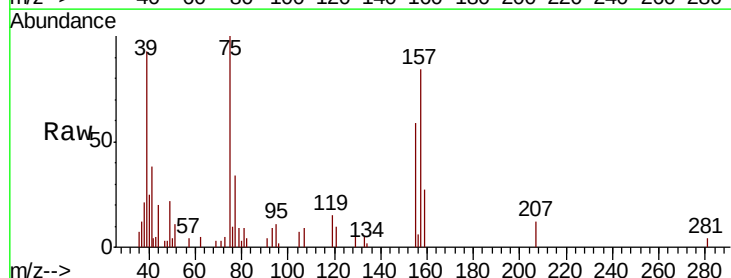


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

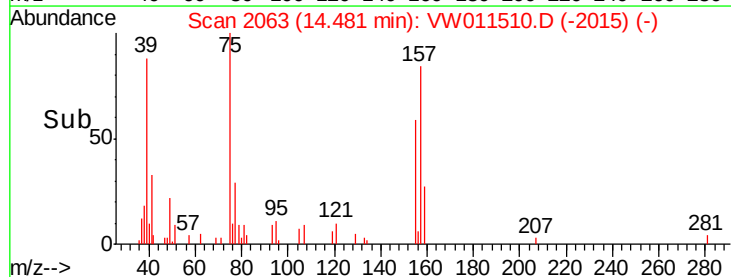
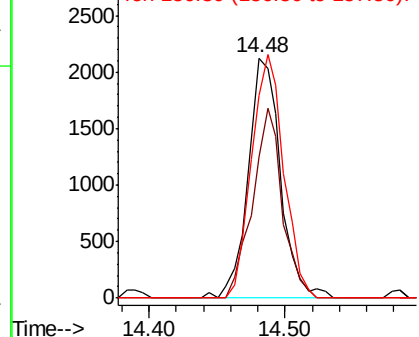


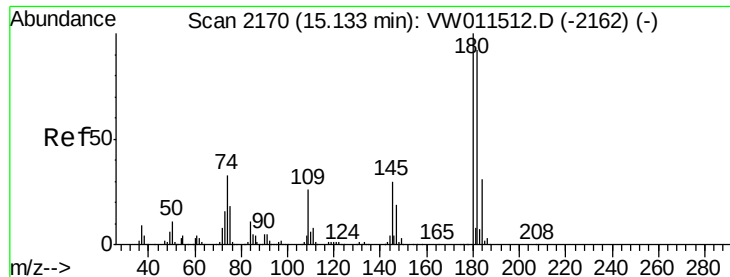
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 9.104 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.01 min  
 Lab File: VW011510.D  
 Acq: 26 Jul 2019 11:57

Tgt Ion: 75 Resp: 3545  
 Ion Ratio Lower Upper  
 75 100  
 155 72.8 38.2 114.6  
 157 100.6 48.9 146.7



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





#93

1,2,4-Trichlorobenzene

Concen: 9.171 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

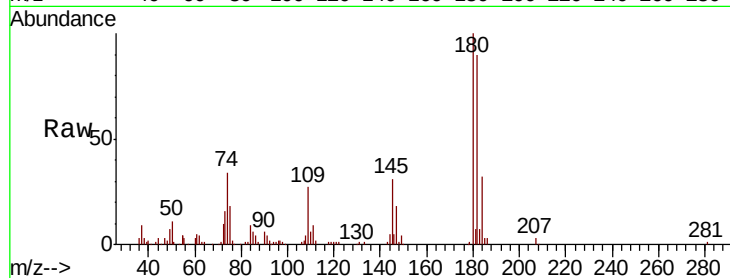
Tot Ion:180 Resp: 30074

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

145 31.7 15.4 46.1

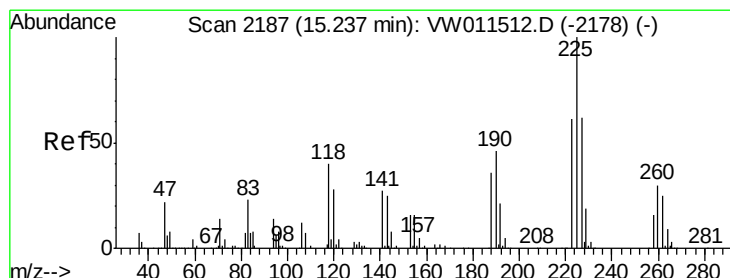
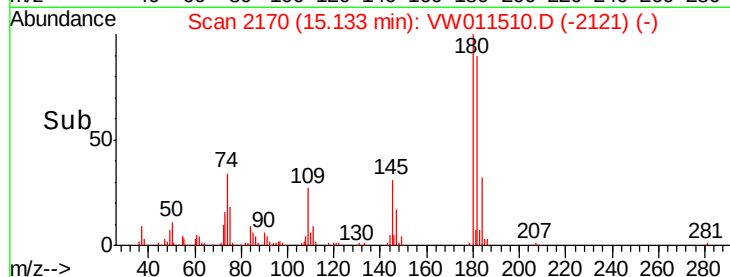
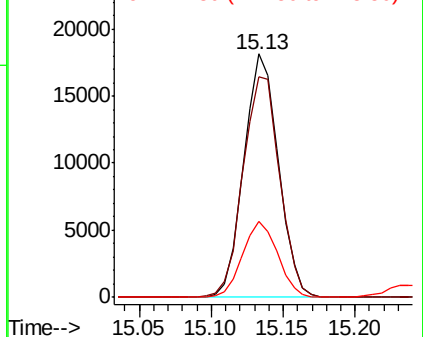


Abundance

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: 9.755 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW011510.D

Acq: 26 Jul 2019 11:57

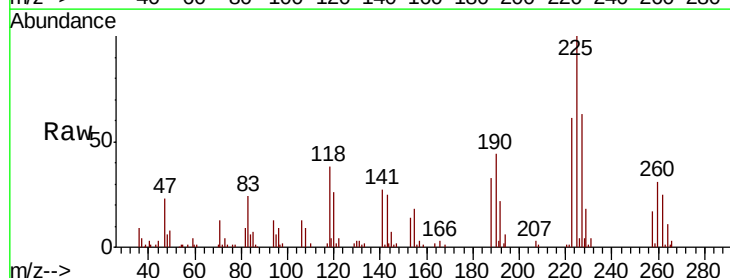
Tgt Ion:225 Resp: 19951

Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 64.8 31.6 94.7

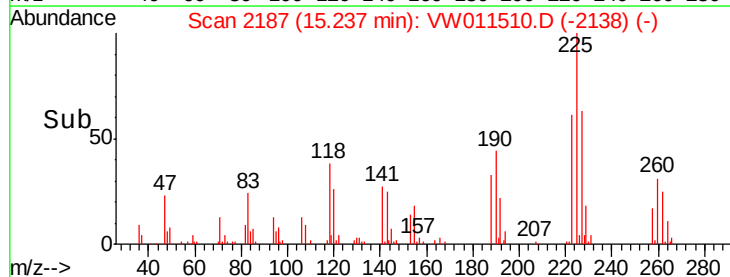
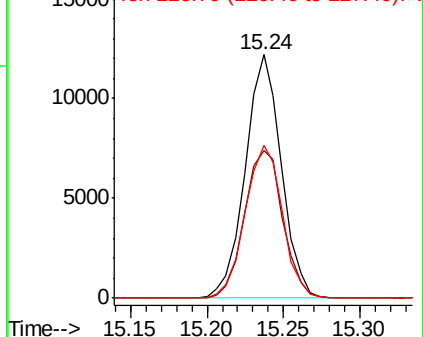


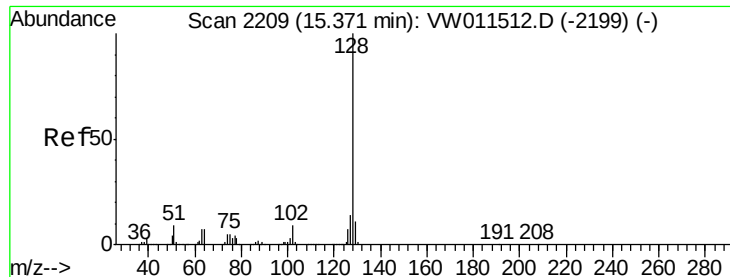
Abundance

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

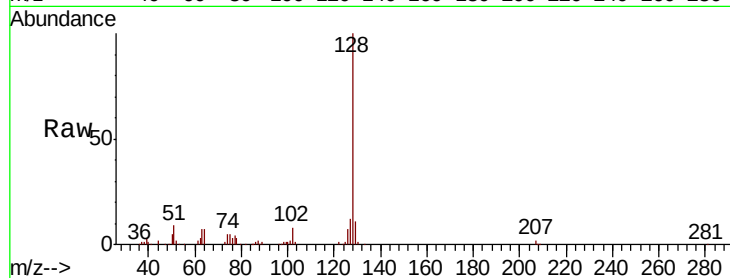




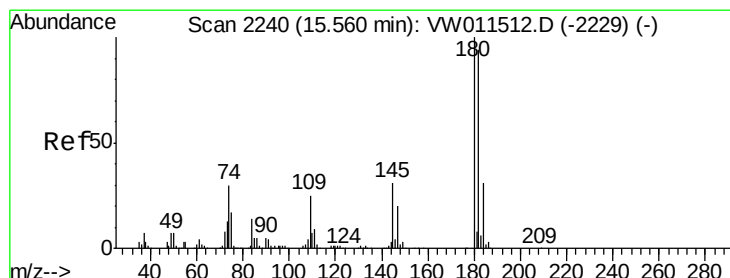
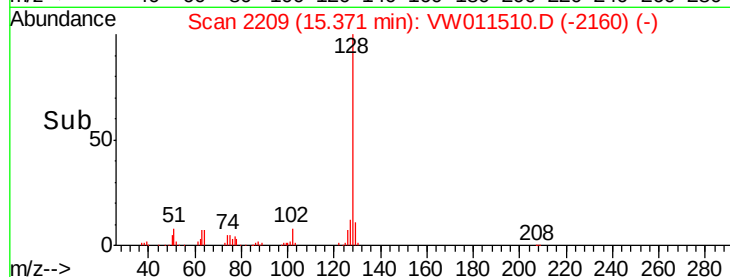
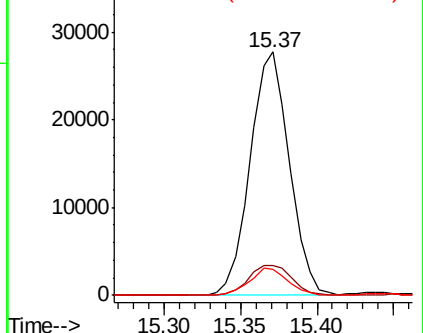
#95  
Naphthalene  
Concen: 8.503 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion:128 Resp: 49438  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 16.0  
129 10.9 8.6 13.0

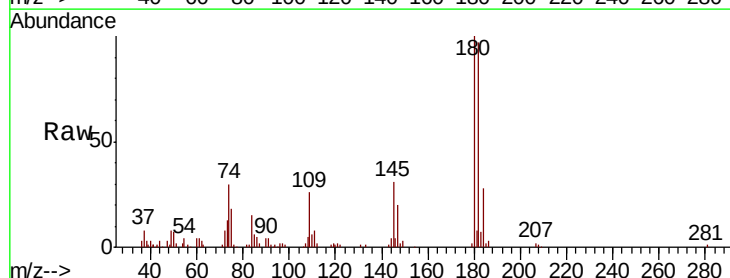


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 9.377 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. -0.00 min  
Lab File: VW011510.D  
Acq: 26 Jul 2019 11:57

Tgt Ion:180 Resp: 26956  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.4 142.2  
145 31.7 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

