

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\  
 Data File : VW017116.D  
 Acq On : 09 Nov 2020 15:01  
 Operator : SY/VA  
 Sample : L4673-07  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB0S7

Quant Time: Nov 10 07:59:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 10 07:51:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 482020   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 440965   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 215948   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 161843   | 26.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.64% |
| 7) Chloroethane-d5             | 2.89   | 69    | 131237   | 28.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.20% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 280125   | 25.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 103.16% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 61521    | 45.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.62%  |
| 24) Chloroform-d               | 7.65   | 84    | 300273   | 26.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 106.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 150030   | 26.82    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 107.28% |
| 29) Benzene-d6                 | 8.27   | 84    | 609492   | 27.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 108.56% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 168396   | 27.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 560533   | 26.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 72942    | 26.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 104.20% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 50542    | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.26%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 133128   | 24.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.44%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 203397   | 26.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 106.92% |

## Target Compounds

| Target Compounds             | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|------------------------------|------|------|----------|--------|--------|--------|
| 3) Chloromethane             | 2.21 | 50   | 95009    | 21.646 | ug/L   | 100    |
| 6) Bromomethane              | 2.79 | 94   | 43642    | 9.803  | ug/L   | 98     |
| 9) Trichlorofluoromethane    | 3.26 | 101  | 89237    | 17.044 | ug/L   | 98     |
| 12) 1,1-Dichloroethene       | 4.04 | 96   | 134447   | 22.473 | ug/L   | 96     |
| 13) Acetone                  | 4.14 | 43   | 83968    | 92.366 | ug/L   | 97     |
| 15) Methyl Acetate           | 4.67 | 43   | 72667    | 32.250 | ug/L   | 97     |
| 16) Methylene chloride       | 4.92 | 84   | 72458    | 11.150 | ug/L   | 98     |
| 17) Methyl tert-butyl Ether  | 5.43 | 73   | 219099   | 29.992 | ug/L   | 100    |
| 18) trans-1,2-Dichloroethene | 5.43 | 96   | 69741    | 11.262 | ug/L   | 91     |
| 22) cis-1,2-Dichloroethene   | 7.17 | 96   | 174031   | 26.579 | ug/L   | 97     |
| 23) Bromochloromethane       | 7.51 | 128  | 47363    | 15.024 | ug/L   | 93     |
| 25) Chloroform               | 7.68 | 83   | 2945     | 0.276  | ug/L # | 17     |
| 27) 1,2-Dichloroethane       | 8.40 | 62   | 66422    | 10.376 | ug/L   | 98     |
| 30) Cyclohexane              | 7.96 | 56   | 87983    | 10.597 | ug/L   | 98     |
| 31) 1,1,1-Trichloroethane    | 7.87 | 97   | 98203    | 10.875 | ug/L   | 98     |
| 32) Carbon tetrachloride     | 8.07 | 117  | 118726   | 13.625 | ug/L   | 100    |
| 35) Trichloroethene          | 9.09 | 95   | 278383   | 42.919 | ug/L   | 100    |

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 ClientSampleId :  
 GB0S7

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 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 10 07:51:56 2020  
 Response via : Initial Calibration

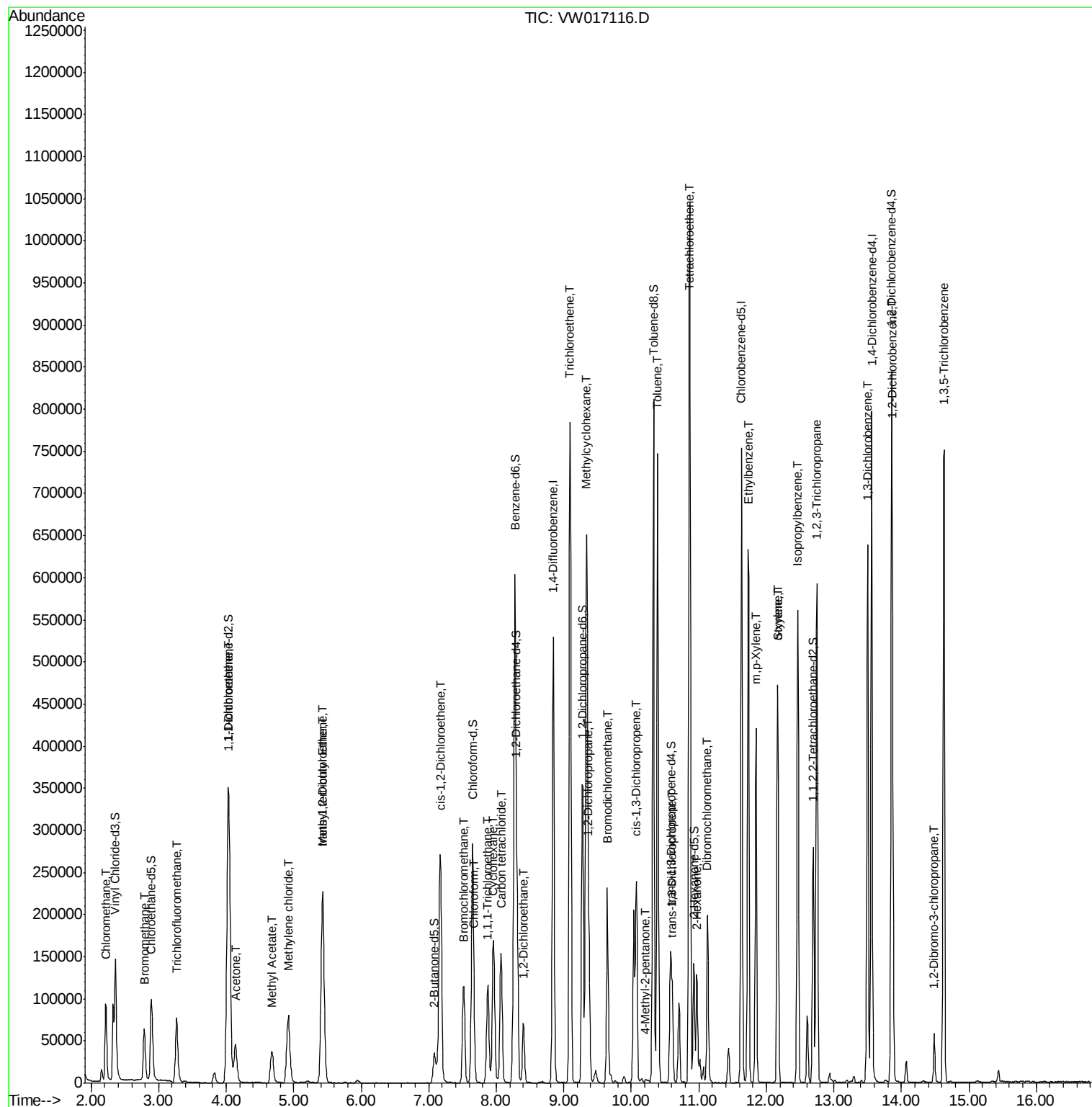
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 36) Methylcyclohexane          | 9.34  | 83   | 293526   | 28.123 | ug/L   | 100      |
| 40) 1,2-Dichloropropane        | 9.37  | 63   | 72529    | 13.400 | ug/L   | 100      |
| 41) Bromodichloromethane       | 9.65  | 83   | 156522   | 20.908 | ug/L   | 99       |
| 42) cis-1,3-Dichloropropene    | 10.07 | 75   | 148351   | 17.304 | ug/L   | 98       |
| 43) 4-Methyl-2-pentanone       | 10.21 | 43   | 2500     | 0.749  | ug/L   | 98       |
| 44) Toluene                    | 10.39 | 91   | 557260   | 21.864 | ug/L   | 98       |
| 45) trans-1,3-Dichloropropene  | 10.61 | 75   | 58925    | 8.003  | ug/L   | 99       |
| 47) Tetrachloroethene          | 10.87 | 164  | 248808   | 42.516 | ug/L   | 96       |
| 49) 2-Hexanone                 | 10.97 | 43   | 66380    | 32.971 | ug/L   | 97       |
| 50) Dibromochloromethane       | 11.13 | 129  | 110990   | 19.521 | ug/L   | 93       |
| 53) Ethylbenzene               | 11.73 | 91   | 455513   | 16.001 | ug/L   | 97       |
| 54) m,p-Xylene                 | 11.85 | 106  | 118156   | 10.610 | ug/L   | 98       |
| 55) o-xylene                   | 12.17 | 106  | 134571   | 12.731 | ug/L   | 92       |
| 56) Styrene                    | 12.17 | 104  | 7617     | 0.429  | ug/L # | 1        |
| 57) Isopropylbenzene           | 12.46 | 105  | 380412   | 13.261 | ug/L   | 99       |
| 59) 1,2,3-Trichloropropane     | 12.75 | 75   | 21372    | 5.515  | ug/L # | 1        |
| 63) 1,3-Dichlorobenzene        | 13.50 | 146  | 282237   | 21.010 | ug/L   | 98       |
| 65) 1,2-Dichlorobenzene        | 13.87 | 146  | 131799   | 10.880 | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 14.49 | 75   | 13443    | 16.784 | ug/L   | 90       |
| 67) 1,3,5-Trichlorobenzene     | 14.63 | 180  | 247920   | 25.045 | ug/L   | 97       |
| -----                          |       |      |          |        |        |          |

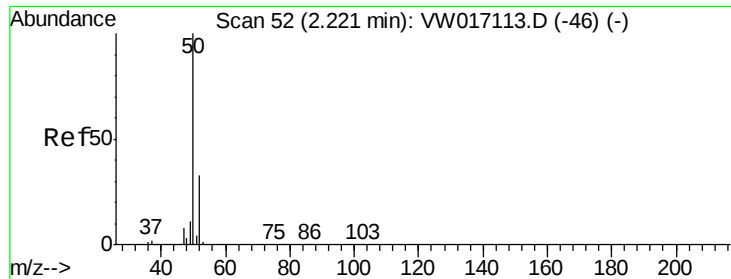
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Quant Title : VOC Analysis  
QLast Update : Tue Nov 10 07:51:56 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 21.646 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

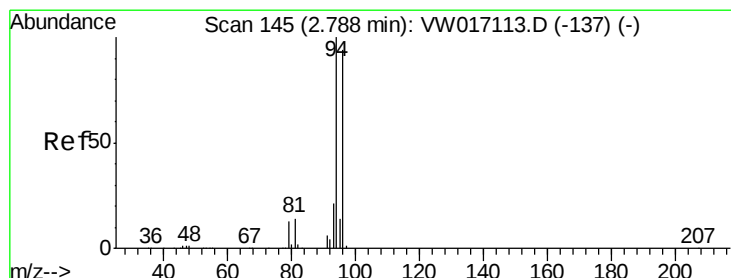
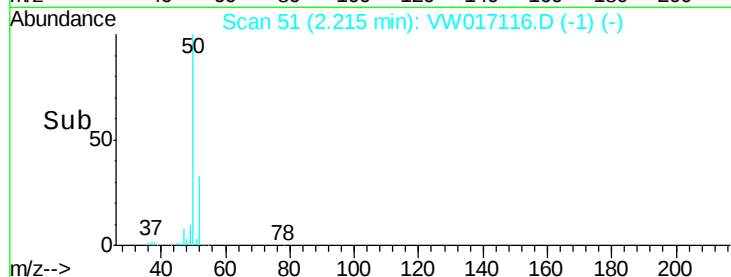
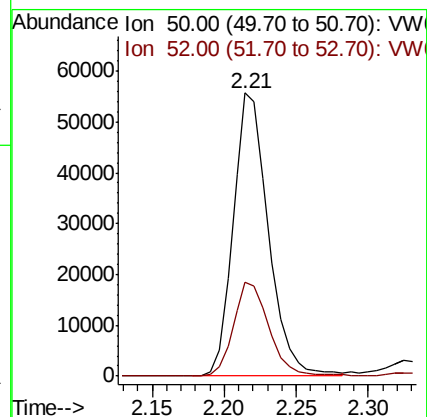
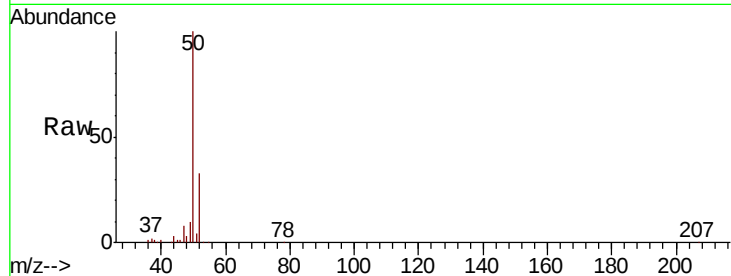
GB0S7

Tot Ion: 50 Resp: 95009

Ion Ratio Lower Upper

50 100

52 33.0 23.1 42.9



#6

Bromomethane

Concen: 9.803 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW017116.D

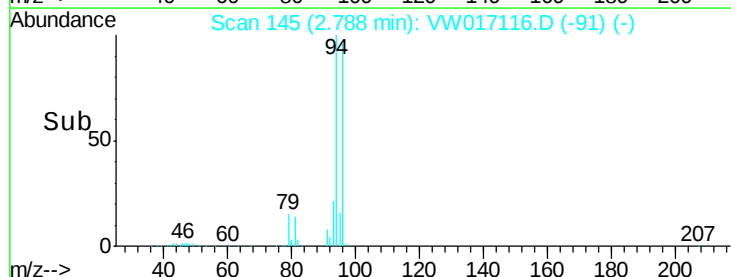
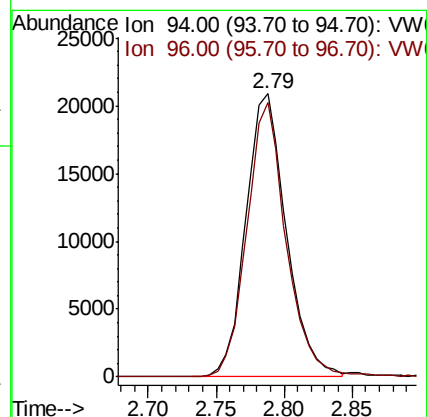
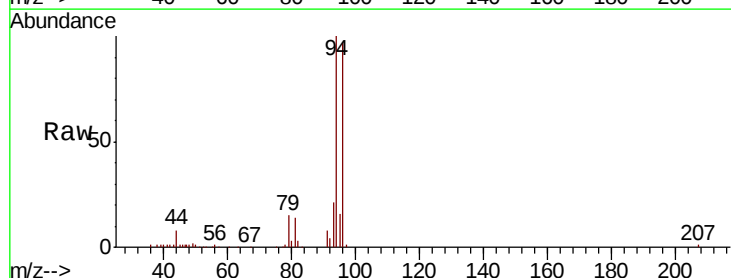
Acq: 09 Nov 2020 15:01

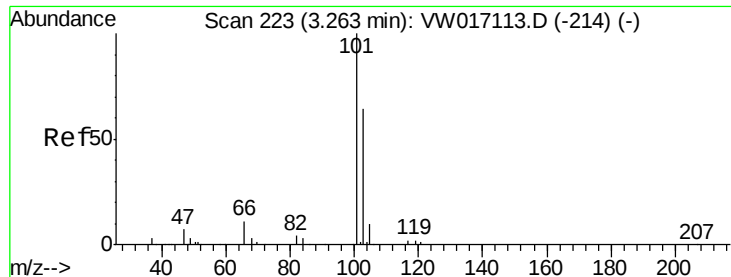
Tgt Ion: 94 Resp: 43642

Ion Ratio Lower Upper

94 100

96 93.5 9.6 181.8



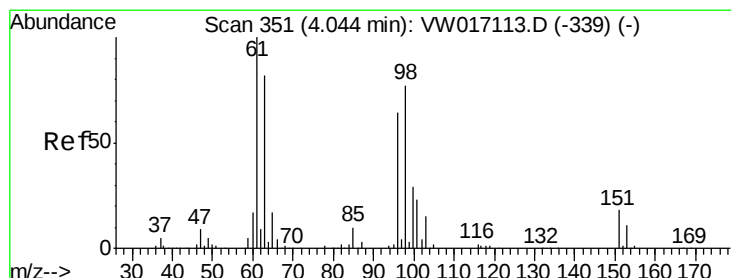
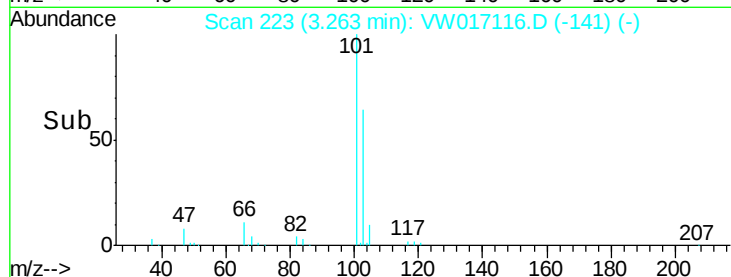
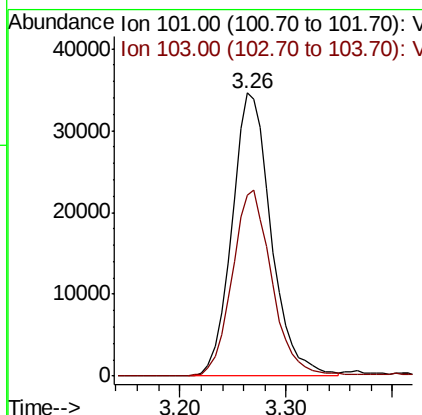
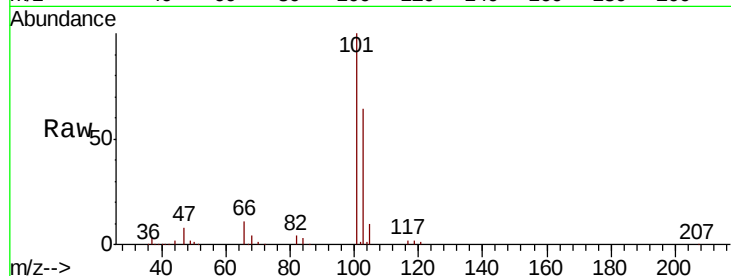


#9

Trichlorofluoromethane  
Concen: 17.044 ug/L  
RT: 3.26 min Scan# 223  
Delta R.T. 0.00 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB0S7

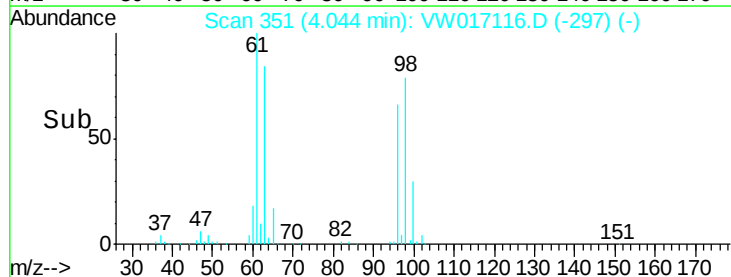
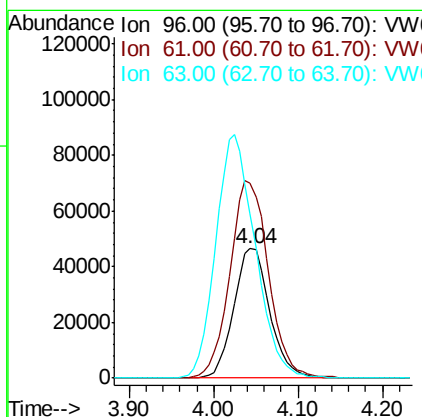
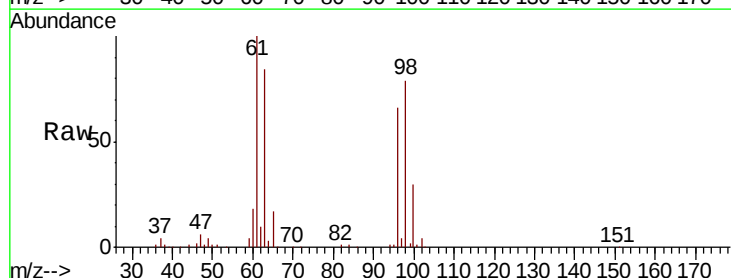
Tot Ion:101 Resp: 89237  
Ion Ratio Lower Upper  
101 100  
103 66.4 45.4 84.2

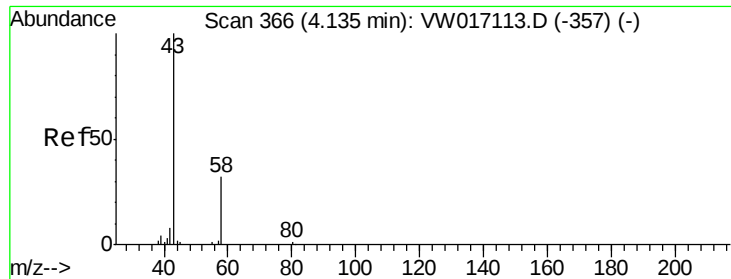


#12

1,1-Dichloroethene  
Concen: 22.473 ug/L  
RT: 4.04 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Tgt Ion: 96 Resp: 134447  
Ion Ratio Lower Upper  
96 100  
61 150.9 103.8 192.8  
63 126.9 84.4 156.7





#13

Acetone

Concen: 92.366 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

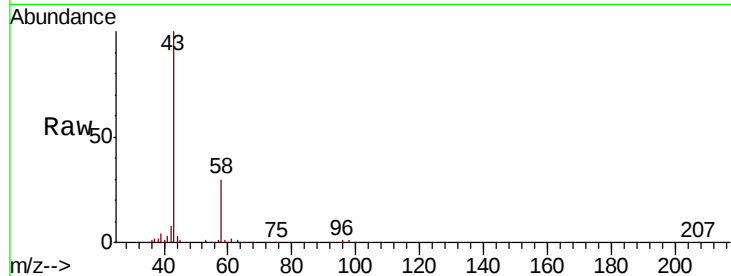
GB0S7

Tot Ion: 43 Resp: 83968

Ion Ratio Lower Upper

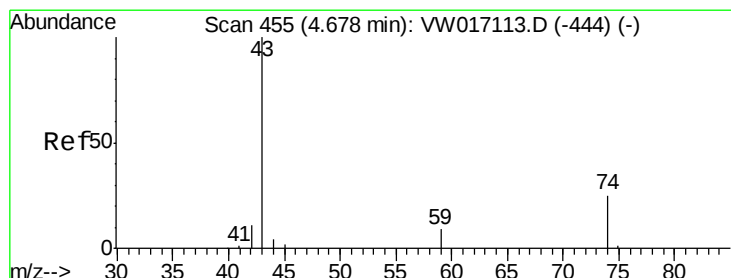
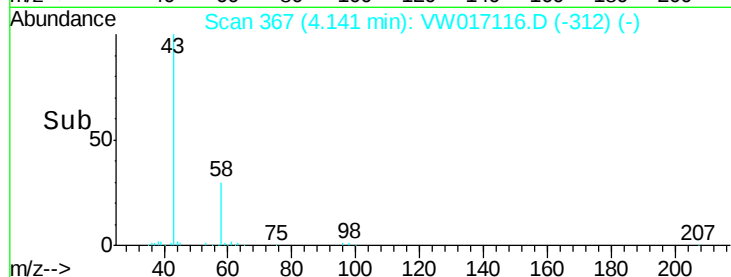
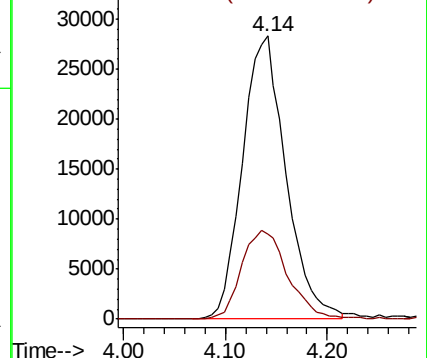
43 100

58 32.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 32.250 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW017116.D

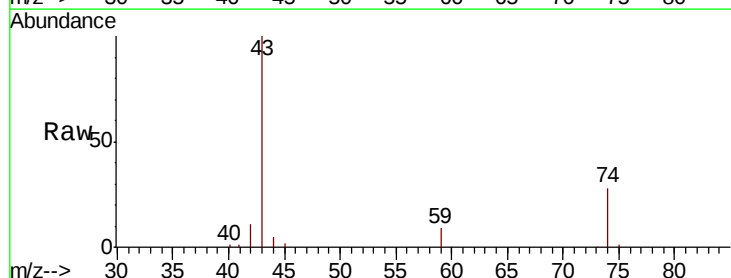
Acq: 09 Nov 2020 15:01

Tgt Ion: 43 Resp: 72667

Ion Ratio Lower Upper

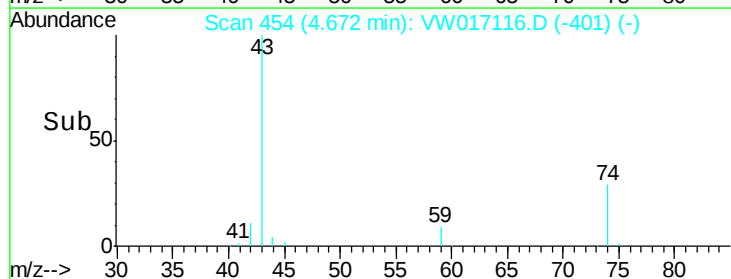
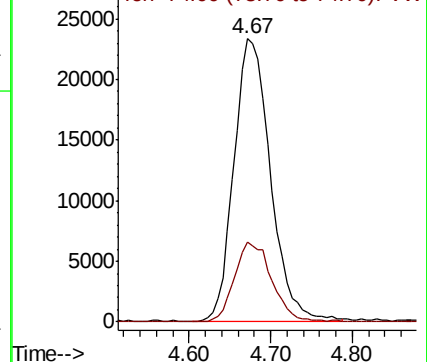
43 100

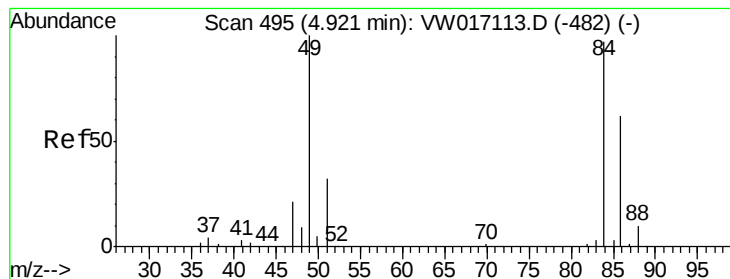
74 28.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#16

Methylene chloride

Concen: 11.150 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

GB0S7

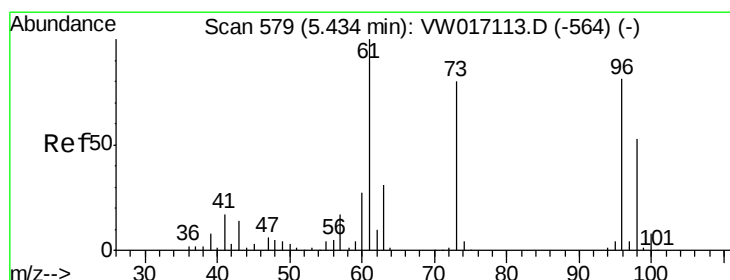
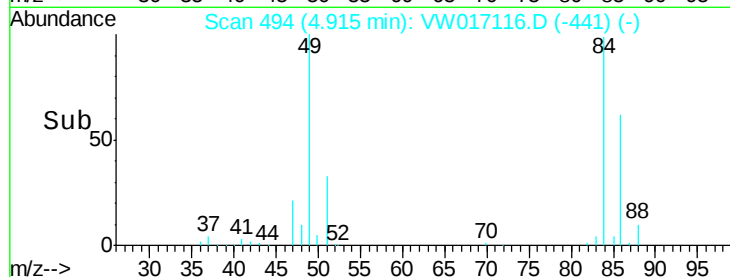
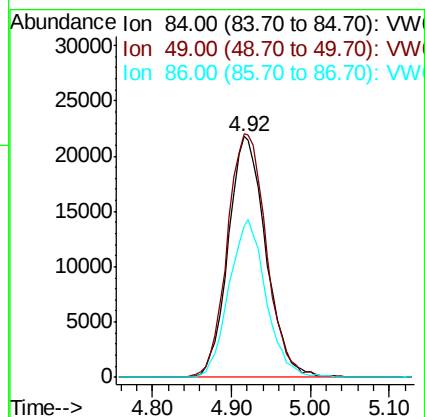
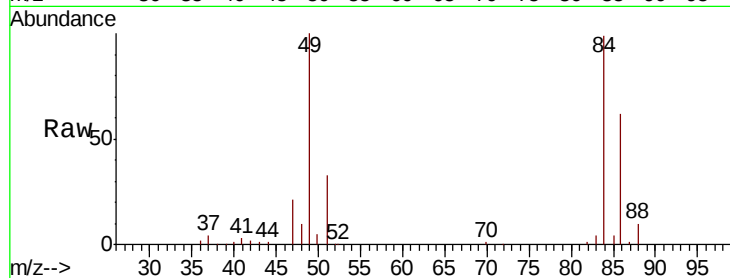
Tot Ion: 84 Resp: 72458

Ion Ratio Lower Upper

84 100

49 101.1 72.3 134.3

86 63.1 45.1 83.7



#17

Methyl tert-butyl Ether

Concen: 29.992 ug/L

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

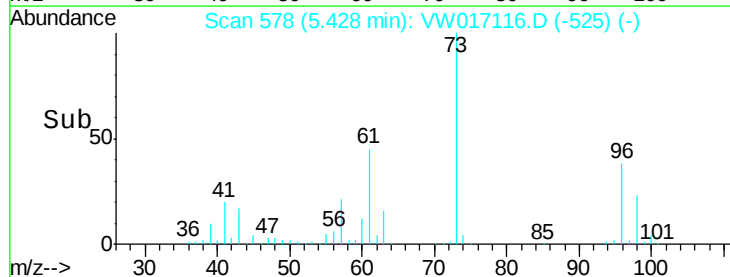
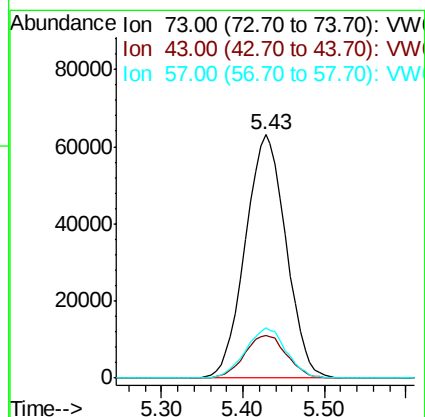
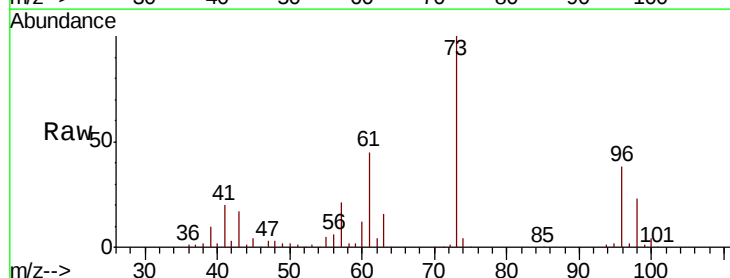
Tgt Ion: 73 Resp: 219099

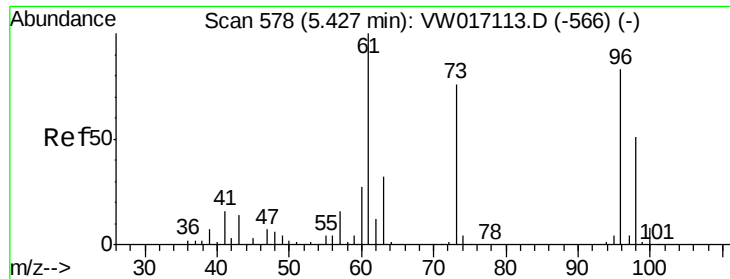
Ion Ratio Lower Upper

73 100

43 18.2 14.5 21.7

57 20.6 16.3 24.5

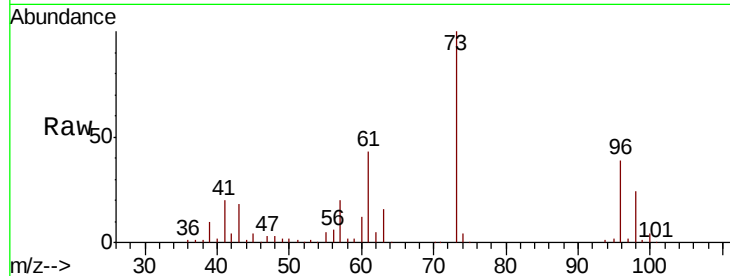




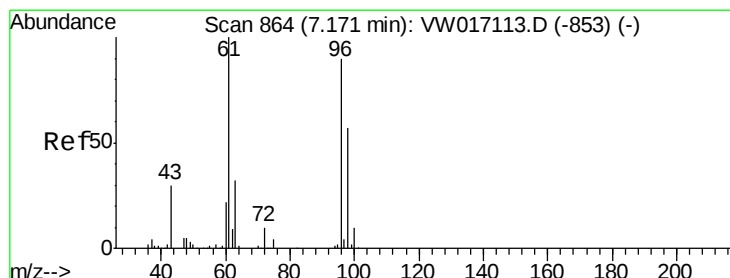
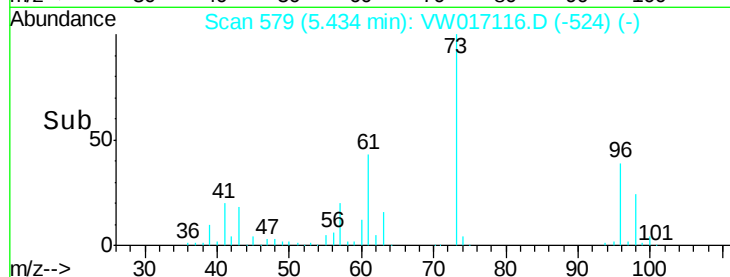
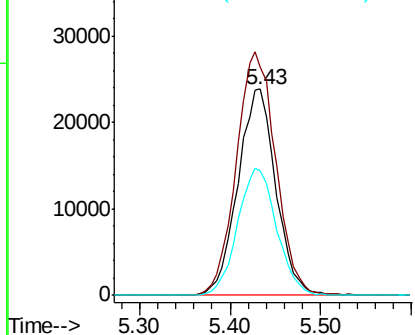
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trans-1,2-Dichloroethene  
Concen: 11.262 ug/L  
RT: 5.43 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Instrument :  
MSVOA\_W  
ClientSampled :  
GB0S7

Tot Ion: 96 Resp: 69741  
Ion Ratio Lower Upper  
96 100  
61 110.4 86.8 161.2  
98 60.4 44.4 82.4

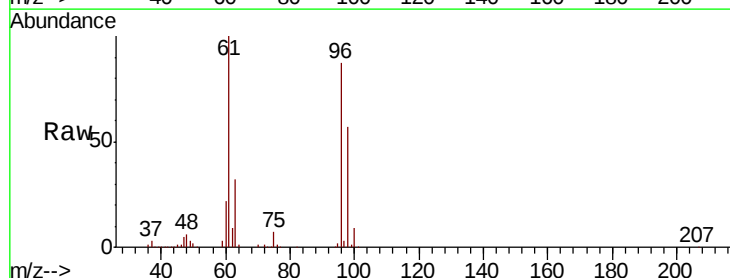


Abundance Ion 96.00 (95.70 to 96.70): VW  
Ion 61.00 (60.70 to 61.70): VW  
Ion 98.00 (97.70 to 98.70): VW

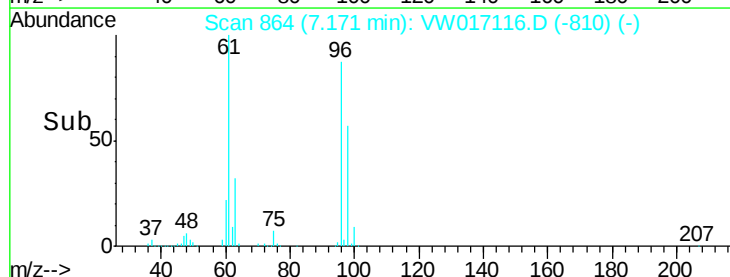
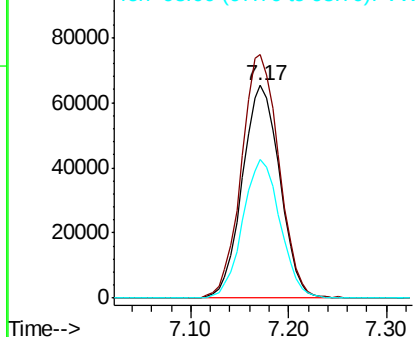


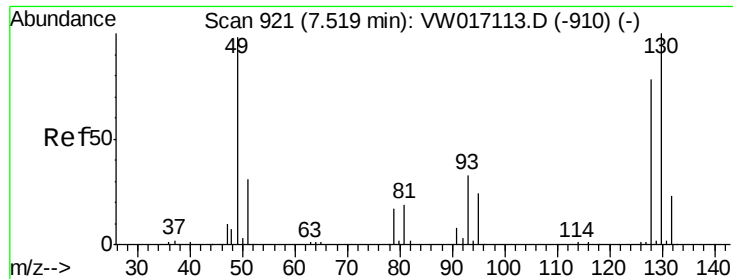
#22  
cis-1,2-Dichloroethene  
Concen: 26.579 ug/L  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Tgt Ion: 96 Resp: 174031  
Ion Ratio Lower Upper  
96 100  
61 114.5 77.4 143.8  
98 65.3 45.1 83.7



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





#23

Bromochloromethane

Concen: 15.024 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

GB0S7

Tot Ion:128 Resp: 47363

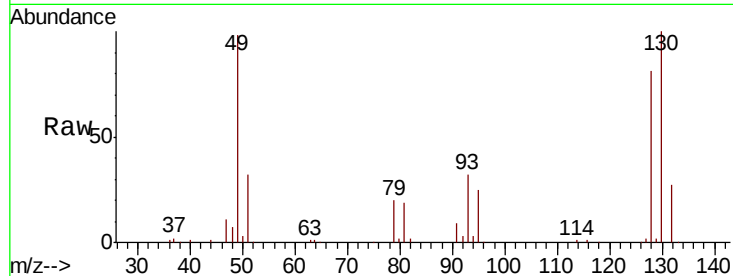
Ion Ratio Lower Upper

128 100

49 120.5 88.3 163.9

130 122.9 95.6 177.6

51 39.1 32.2 48.4

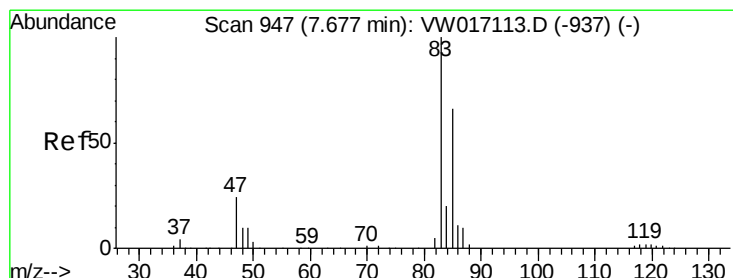
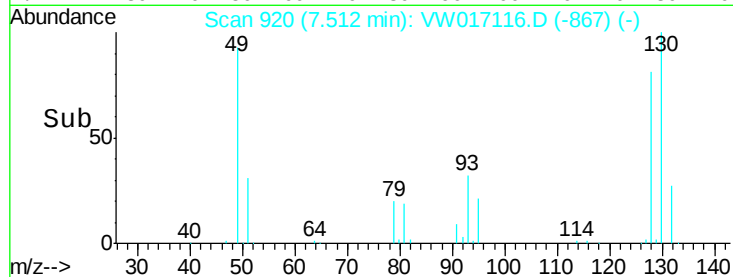
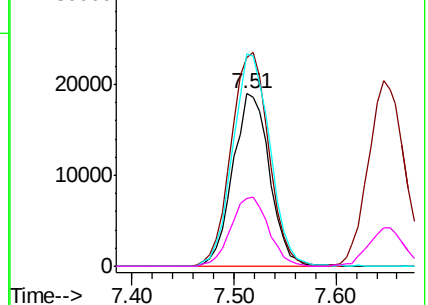


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#25

Chloroform

Concen: 0.276 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW017116.D

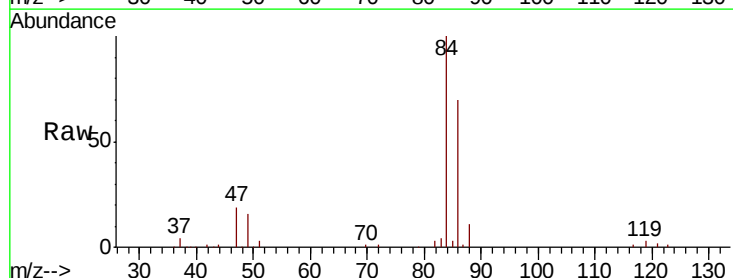
Acq: 09 Nov 2020 15:01

Tgt Ion: 83 Resp: 2945

Ion Ratio Lower Upper

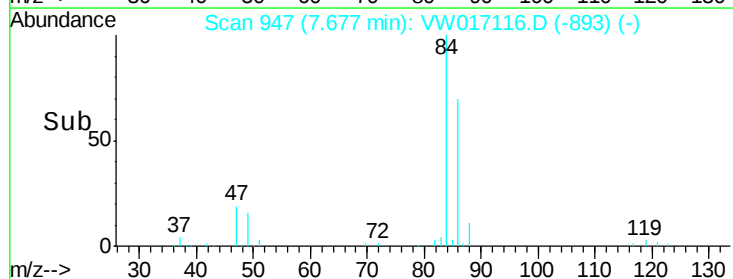
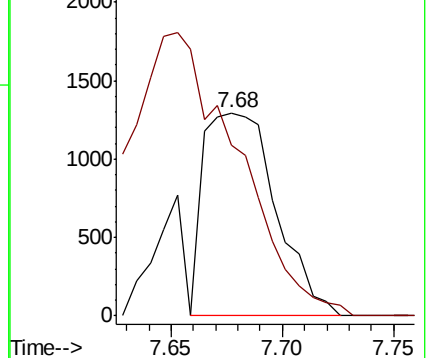
83 100

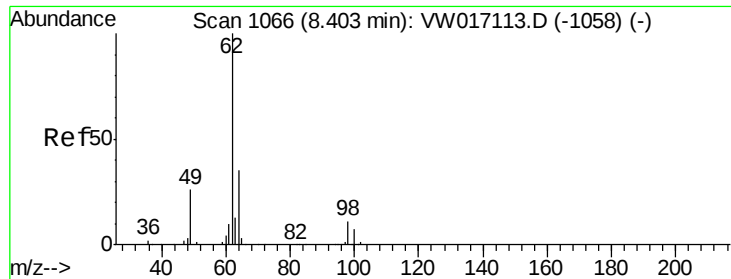
85 0.0 46.4 86.2#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#27

1,2-Dichloroethane

Concen: 10.376 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

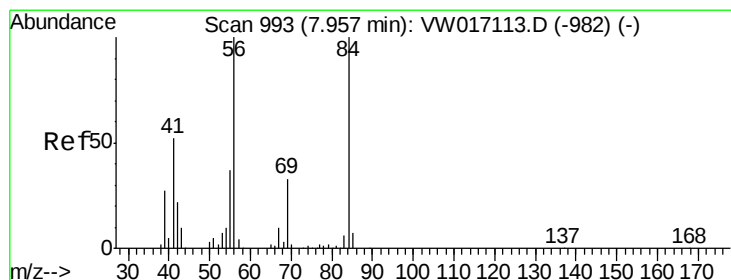
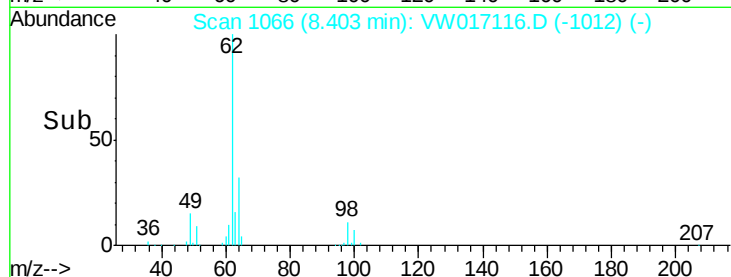
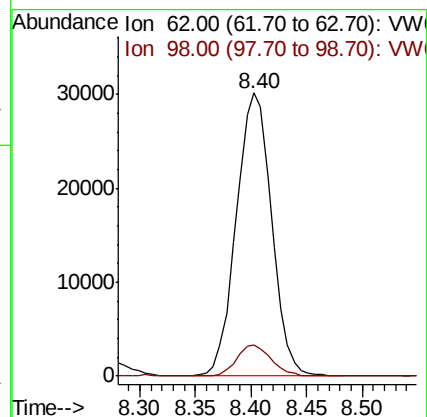
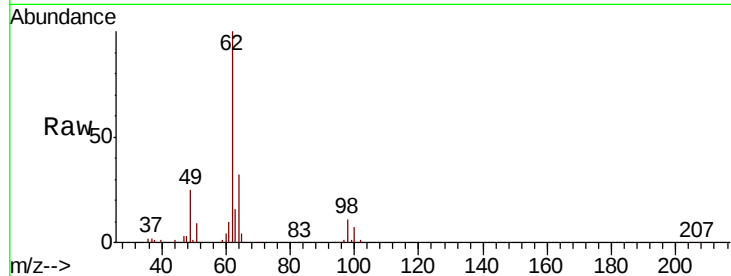
GB0S7

Tot Ion: 62 Resp: 66422

Ion Ratio Lower Upper

62 100

98 11.1 9.4 14.0



#30

Cyclohexane

Concen: 10.597 ug/L

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

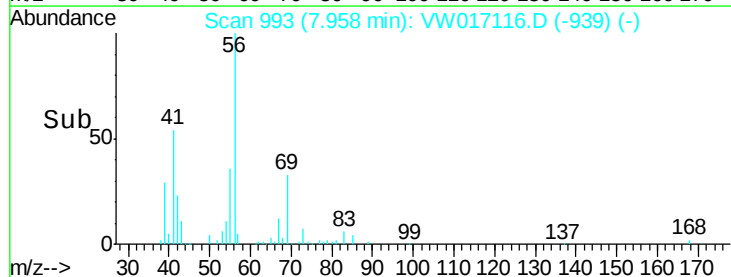
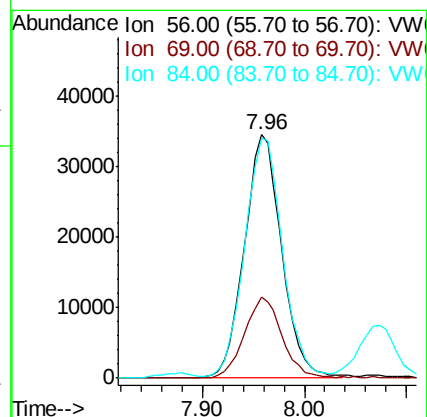
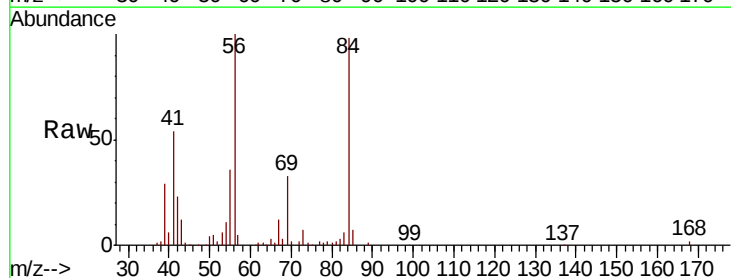
Tgt Ion: 56 Resp: 87983

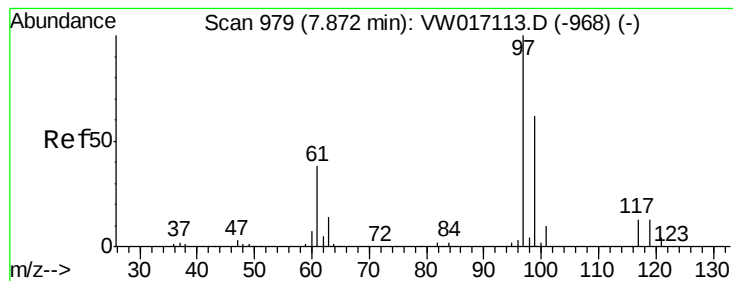
Ion Ratio Lower Upper

56 100

69 33.4 26.1 39.1

84 100.6 79.1 118.7





#31

1,1,1-Trichloroethane

Concen: 10.875 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

GB0S7

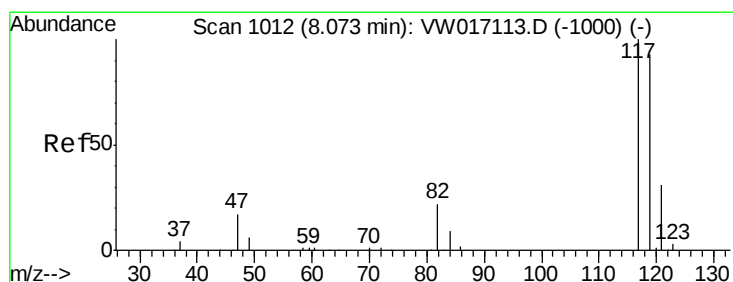
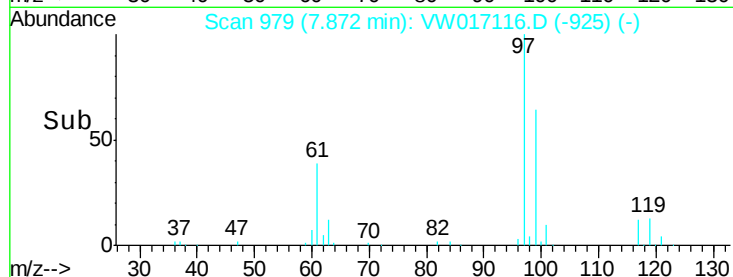
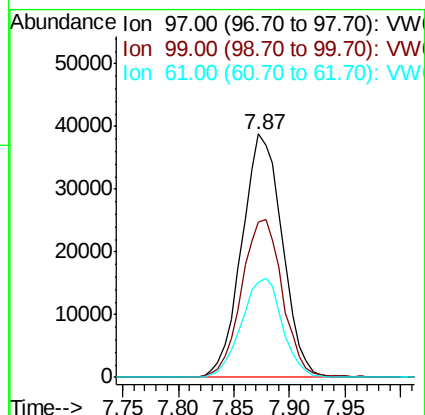
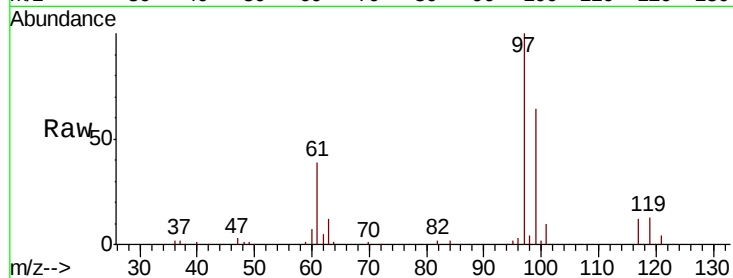
Tot Ion: 97 Resp: 98203

Ion Ratio Lower Upper

97 100

99 65.3 51.4 77.0

61 41.1 31.6 47.4



#32

Carbon tetrachloride

Concen: 13.625 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017116.D

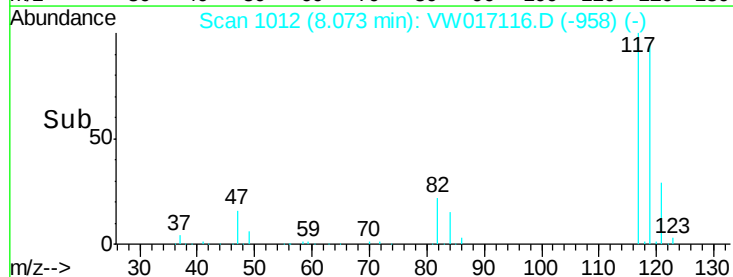
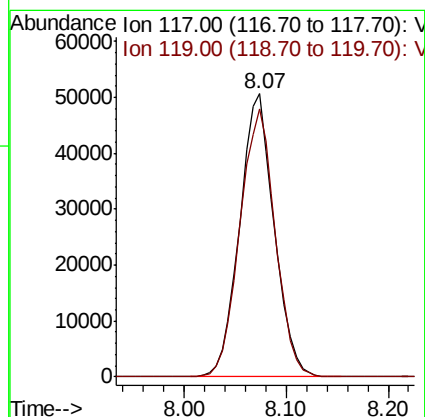
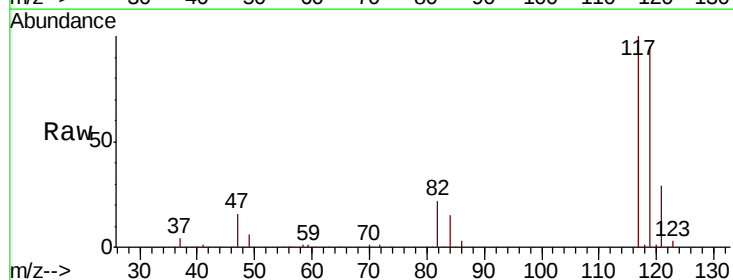
Acq: 09 Nov 2020 15:01

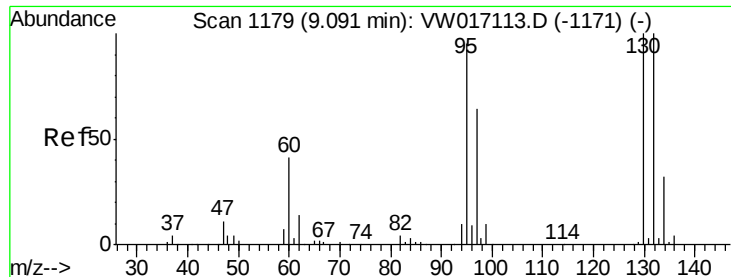
Tgt Ion: 117 Resp: 118726

Ion Ratio Lower Upper

117 100

119 97.0 77.7 116.5

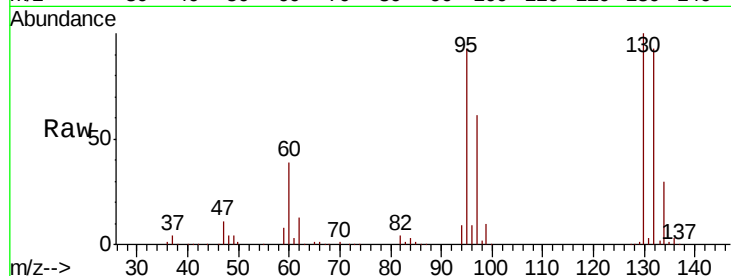




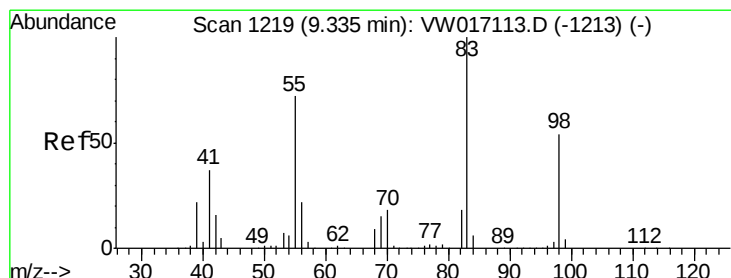
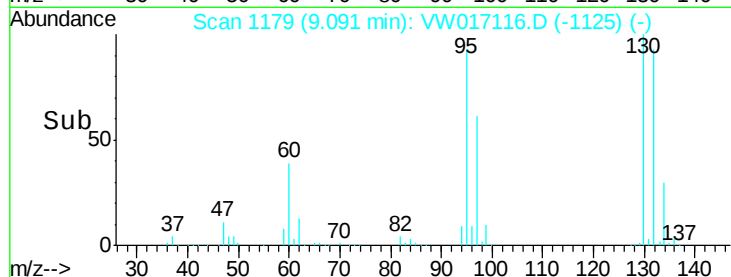
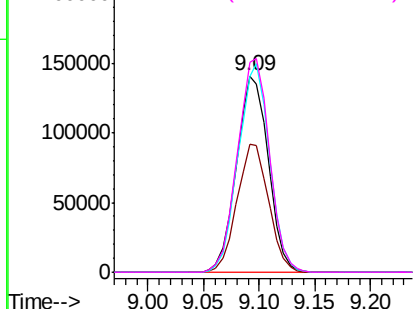
#35  
 Trichloroethene  
 Concen: 42.919 ug/L  
 RT: 9.09 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: VW017116.D  
 Acq: 09 Nov 2020 15:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB0S7

Tot Ion: 95 Resp: 278383  
 Ion Ratio Lower Upper  
 95 100  
 97 64.8 45.0 83.6  
 132 104.9 73.7 136.9  
 130 109.8 77.1 143.1

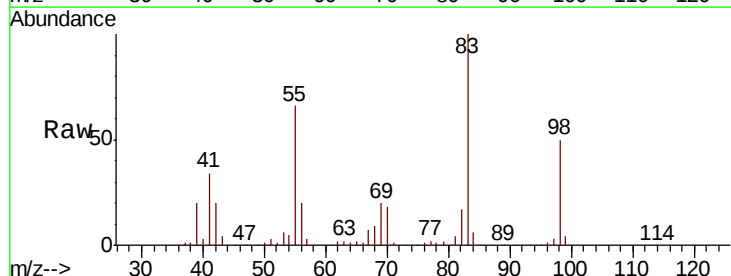


Abundance Ion 95.00 (94.70 to 95.70): VW  
 Ion 97.00 (96.70 to 97.70): VW  
 Ion 132.00 (131.70 to 132.70): V  
 Ion 130.00 (129.70 to 130.70): V

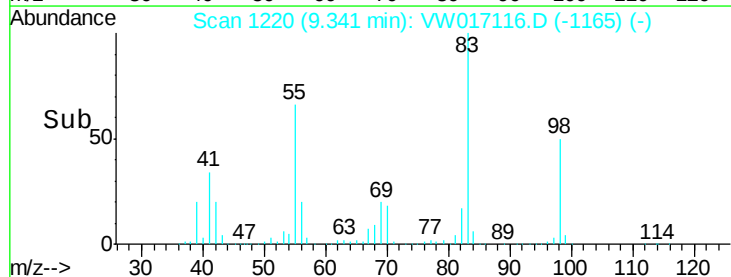
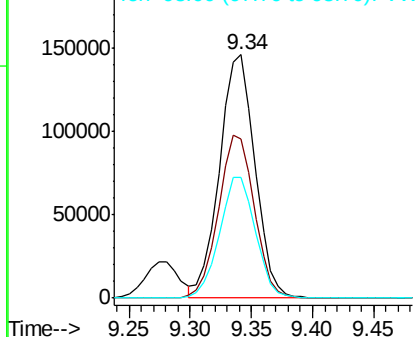


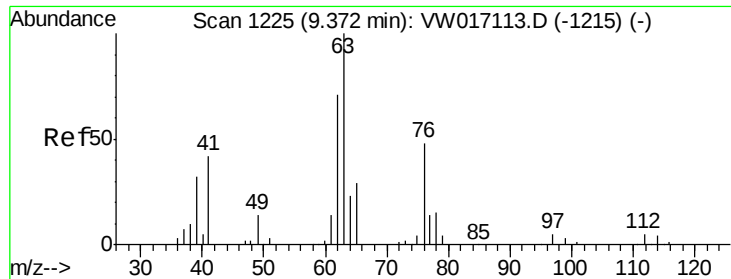
#36  
 Methylcyclohexane  
 Concen: 28.123 ug/L  
 RT: 9.34 min Scan# 1220  
 Delta R.T. 0.01 min  
 Lab File: VW017116.D  
 Acq: 09 Nov 2020 15:01

Tgt Ion: 83 Resp: 293526  
 Ion Ratio Lower Upper  
 83 100  
 55 67.9 54.4 81.6  
 98 50.0 40.5 60.7



Abundance Ion 83.00 (82.70 to 83.70): VW  
 Ion 55.00 (54.70 to 55.70): VW  
 Ion 98.00 (97.70 to 98.70): VW

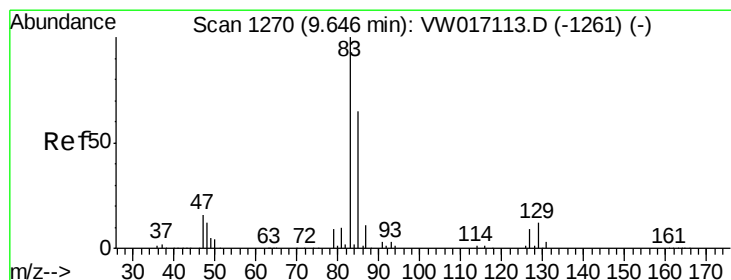
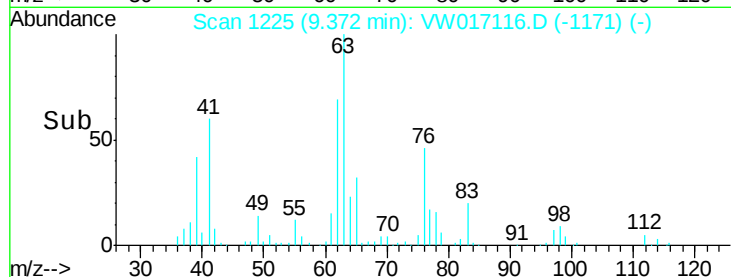
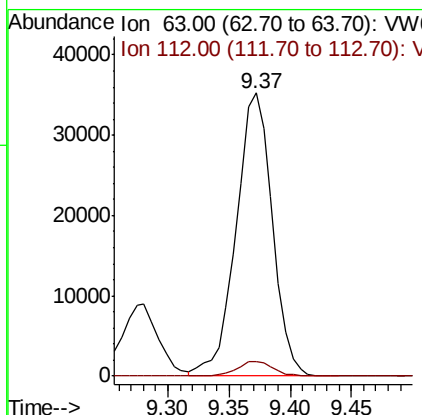
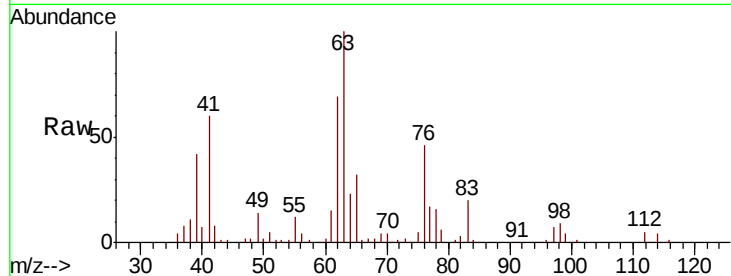




#40  
 1,2-Dichloropropane  
 Concen: 13.400 ug/L  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW017116.D  
 Acq: 09 Nov 2020 15:01

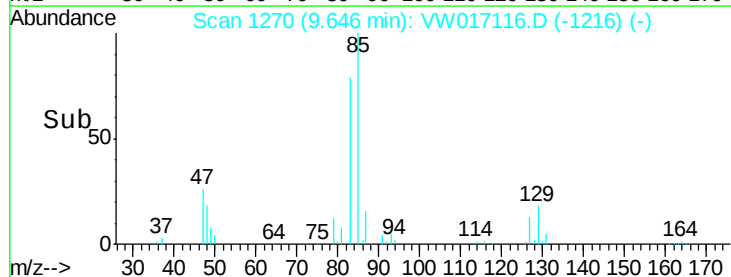
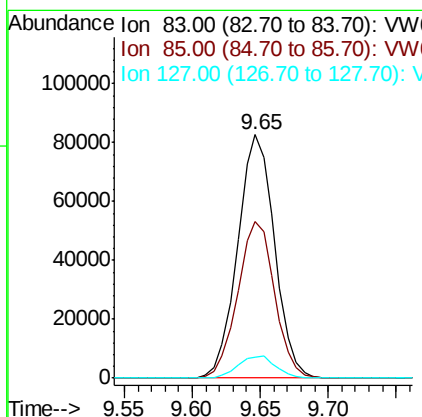
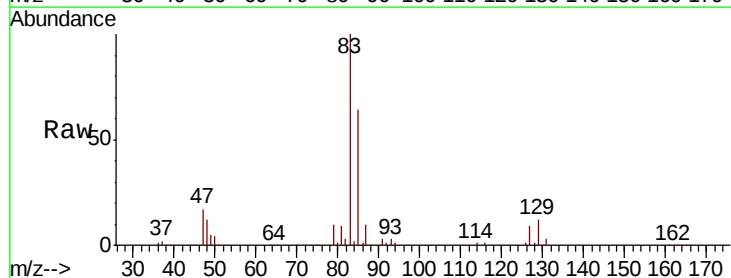
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB0S7

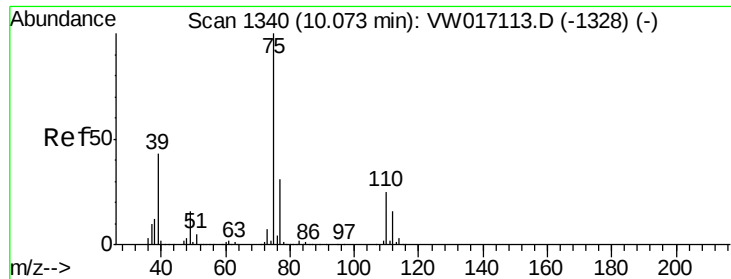
Tot Ion: 63 Resp: 72529  
 Ion Ratio Lower Upper  
 63 100  
 112 5.2 4.2 6.2



#41  
 Bromodichloromethane  
 Concen: 20.908 ug/L  
 RT: 9.65 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VW017116.D  
 Acq: 09 Nov 2020 15:01

Tgt Ion: 83 Resp: 156522  
 Ion Ratio Lower Upper  
 83 100  
 85 64.4 44.4 82.4  
 127 8.6 7.3 10.9





#42

cis-1,3-Dichloropropene

Concen: 17.304 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampled :

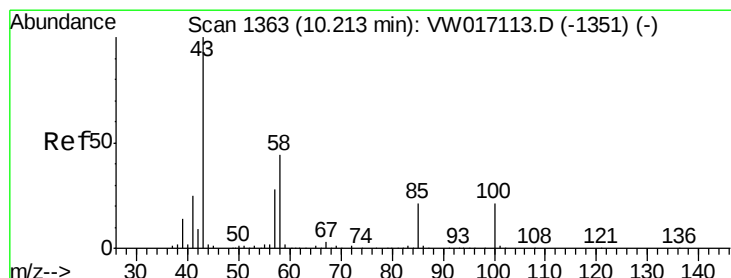
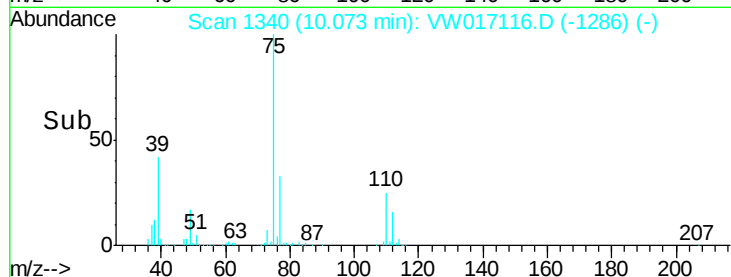
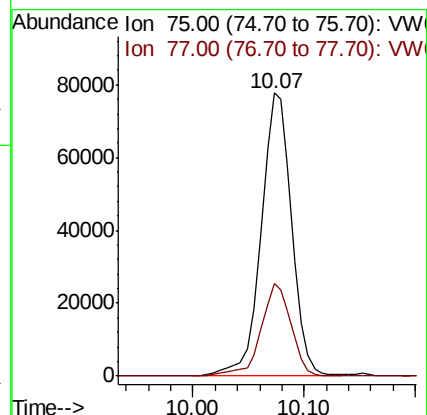
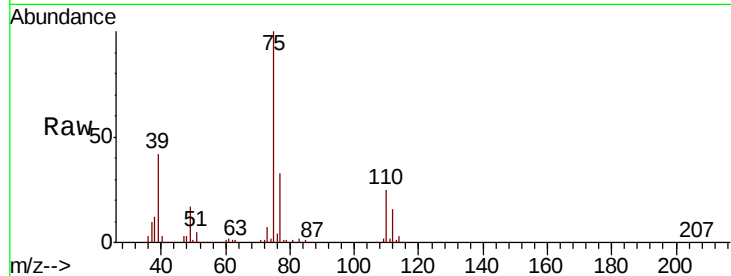
GB0S7

Tot Ion: 75 Resp: 148351

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0



#43

4-Methyl-2-pentanone

Concen: 0.749 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

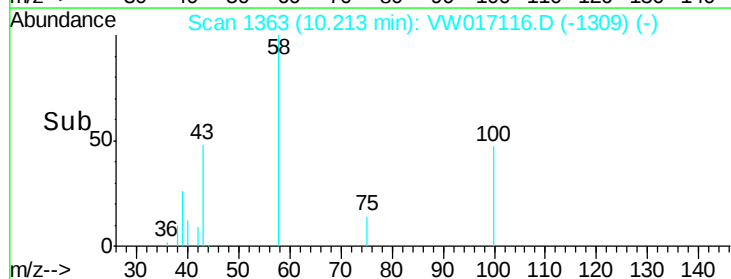
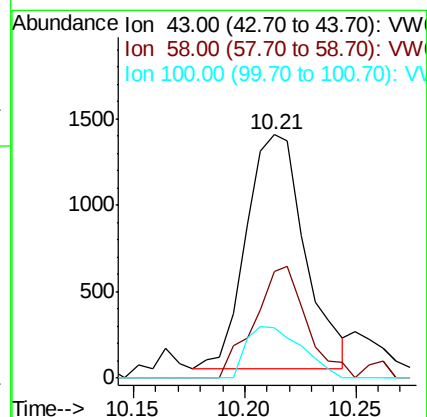
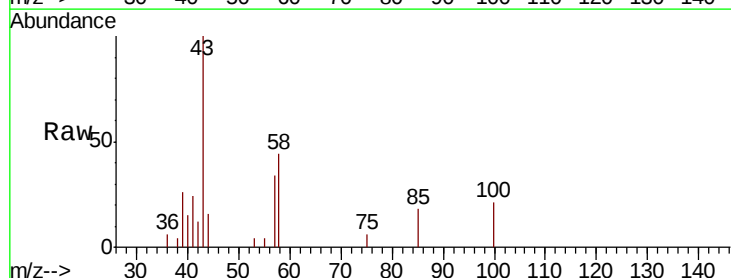
Tgt Ion: 43 Resp: 2500

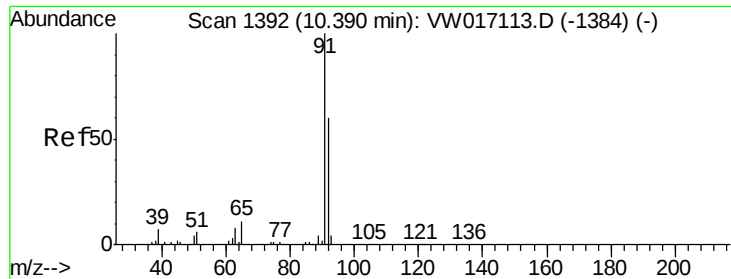
Ion Ratio Lower Upper

43 100

58 42.0 35.0 52.6

100 20.6 16.6 24.8





#44

Toluene

Concen: 21.864 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampled :

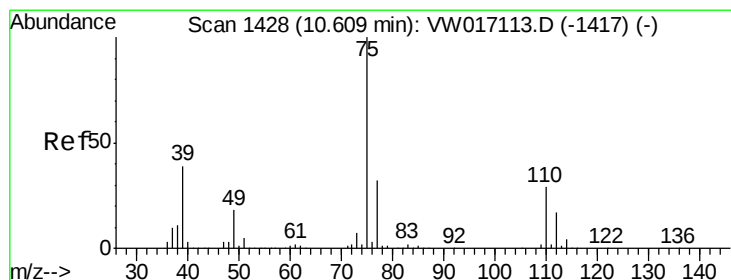
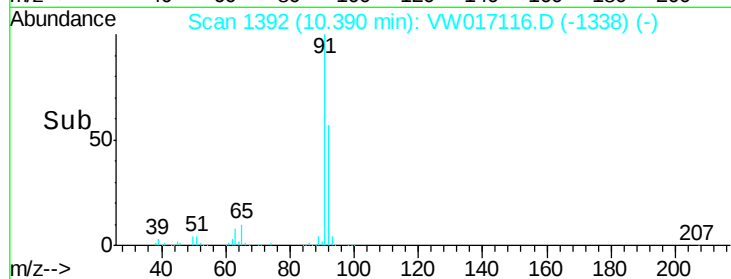
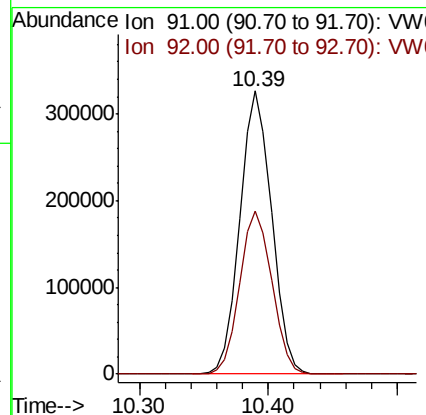
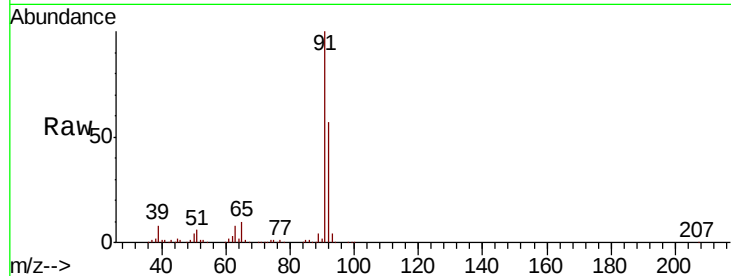
GB0S7

Tot Ion: 91 Resp: 557260

Ion Ratio Lower Upper

91 100

92 57.4 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 8.003 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017116.D

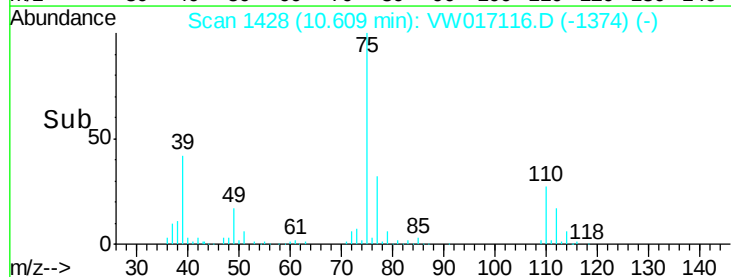
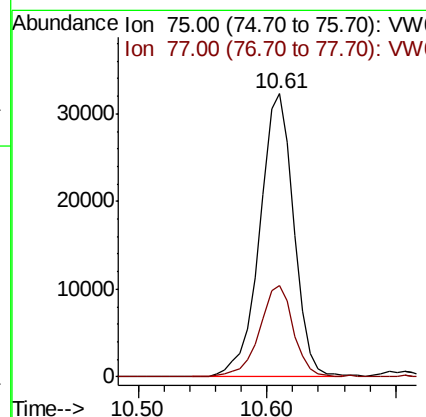
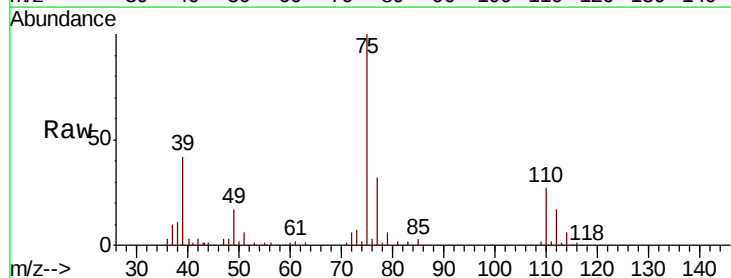
Acq: 09 Nov 2020 15:01

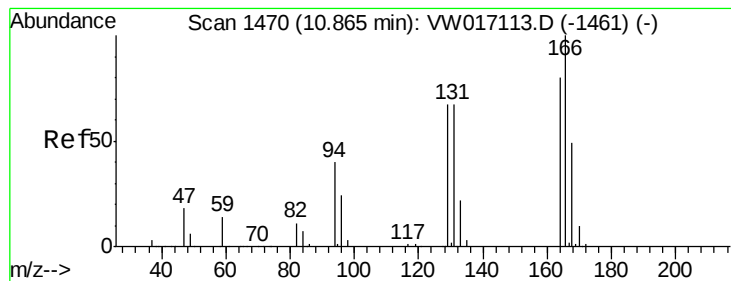
Tgt Ion: 75 Resp: 58925

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1

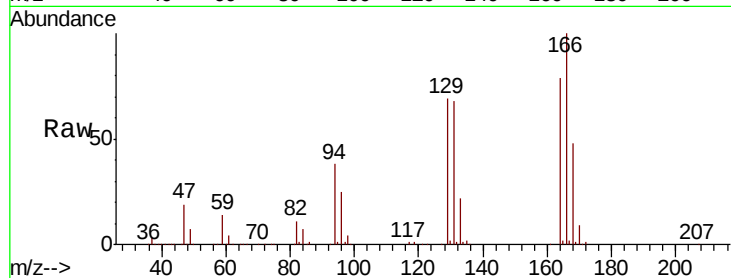




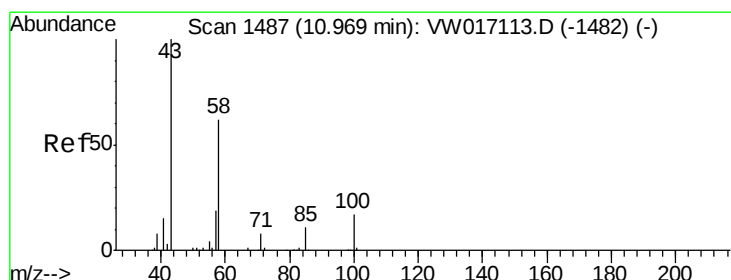
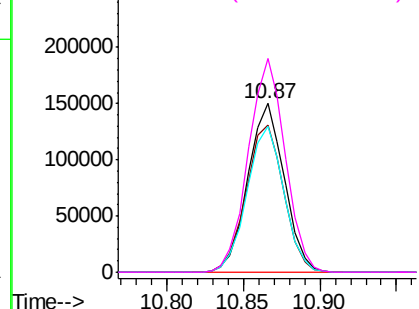
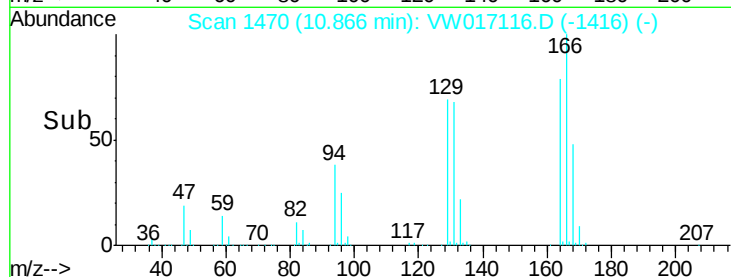
#47  
Tetrachloroethene  
Concen: 42.516 ug/L  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB0S7

Tot Ion:164 Resp: 248808  
Ion Ratio Lower Upper  
164 100  
129 87.4 62.9 116.7  
131 86.6 63.3 117.5  
166 126.4 92.0 170.8

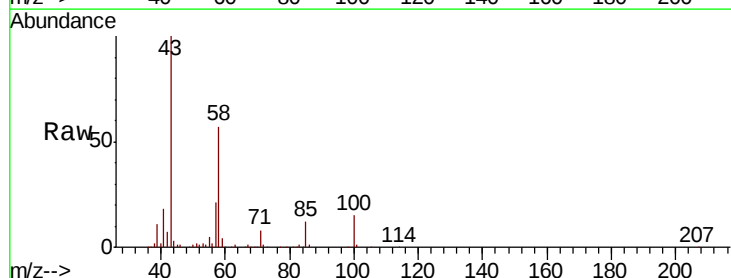


Abundance Ion 164.00 (163.70 to 164.70): V  
Ion 129.00 (128.70 to 129.70): V  
Ion 131.00 (130.70 to 131.70): V  
Ion 166.00 (165.70 to 166.70): V

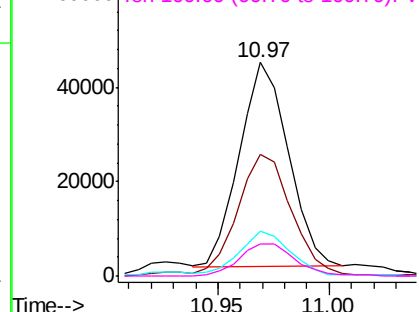
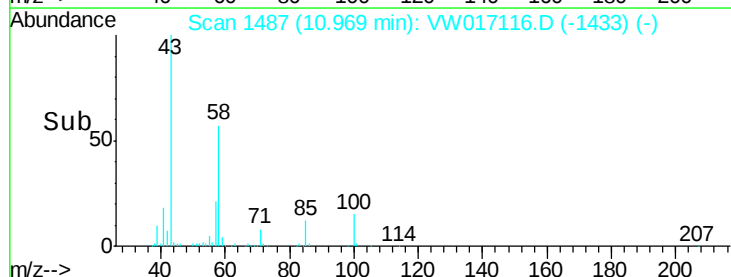


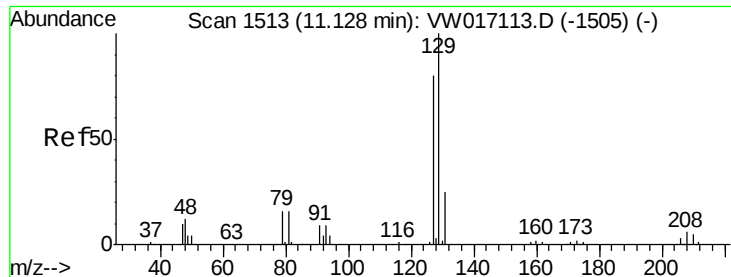
#49  
2-Hexanone  
Concen: 32.971 ug/L  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW017116.D  
Acq: 09 Nov 2020 15:01

Tgt Ion: 43 Resp: 66380  
Ion Ratio Lower Upper  
43 100  
58 66.6 50.6 75.8  
57 23.3 17.8 26.6  
100 17.8 13.9 20.9



Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 58.00 (57.70 to 58.70): VW  
Ion 57.00 (56.70 to 57.70): VW  
Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 19.521 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

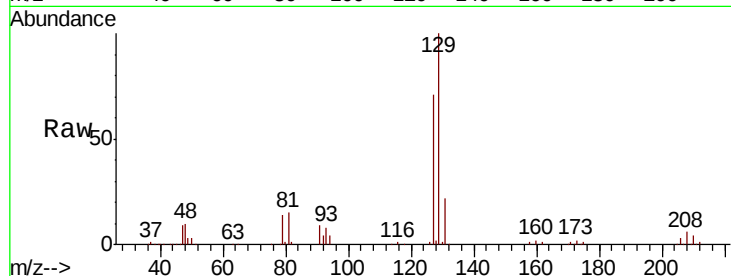
GB0S7

Tot Ion:129 Resp: 110990

Ion Ratio Lower Upper

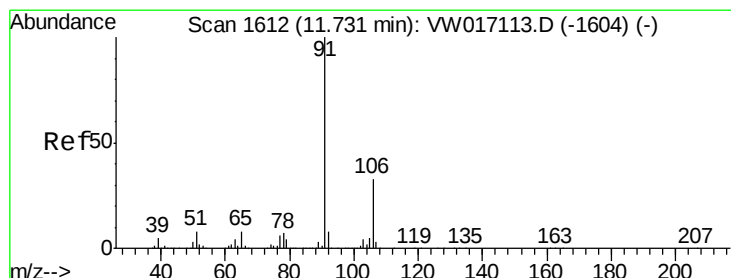
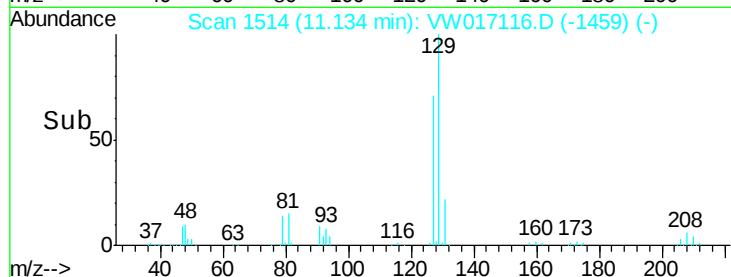
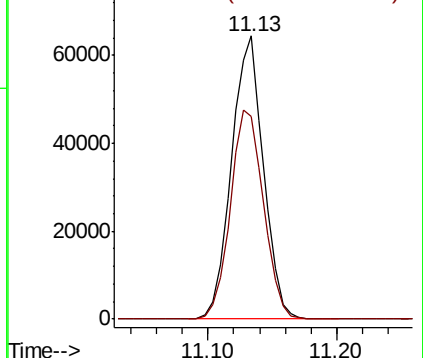
129 100

127 71.5 54.3 100.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 16.001 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW017116.D

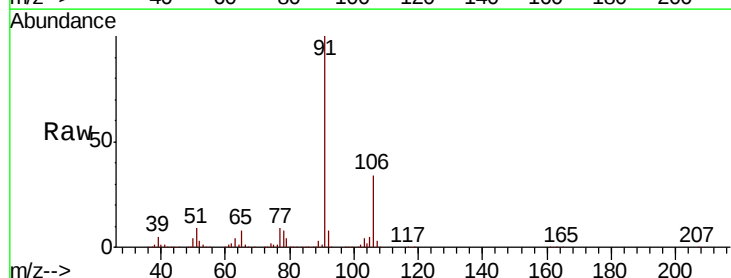
Acq: 09 Nov 2020 15:01

Tgt Ion: 91 Resp: 455513

Ion Ratio Lower Upper

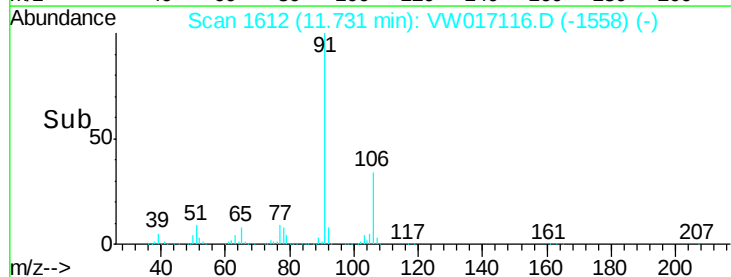
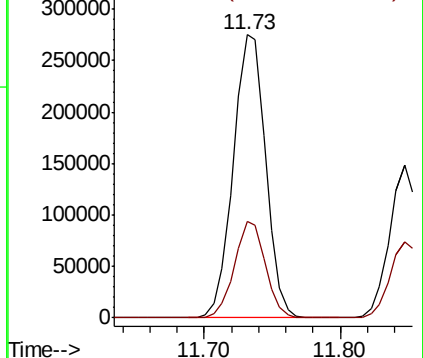
91 100

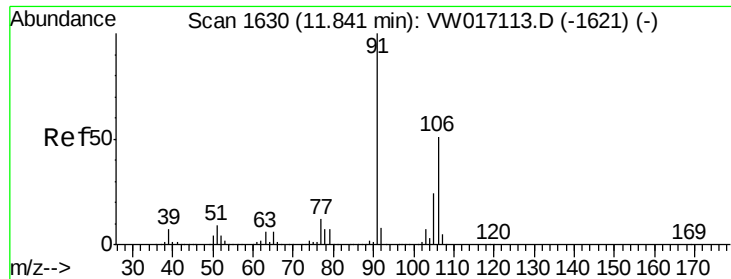
106 34.2 22.9 42.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 10.610 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampled :

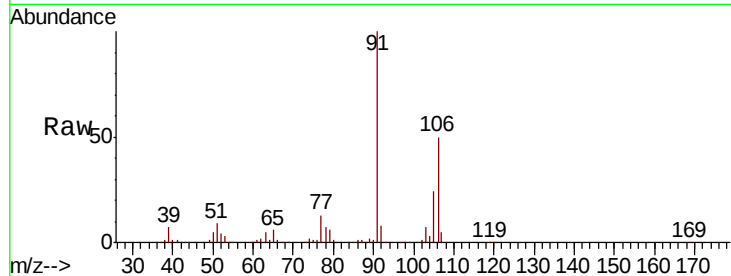
GB0S7

Tot Ion:106 Resp: 118156

Ion Ratio Lower Upper

106 100

91 200.9 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

150000

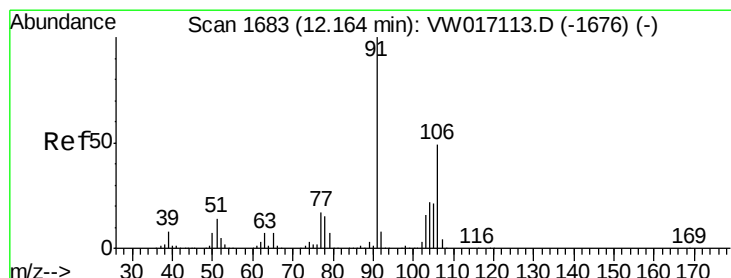
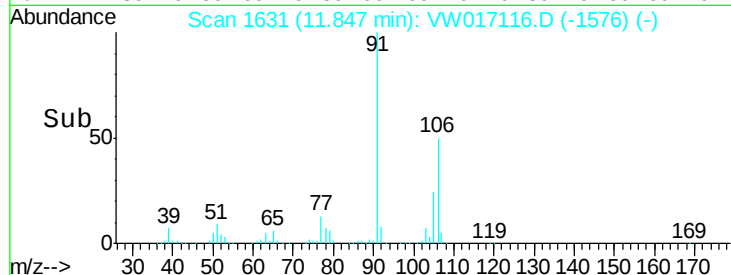
100000

50000

0

11.75 11.80 11.85 11.90

Time-->



#55

o-xylene

Concen: 12.731 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW017116.D

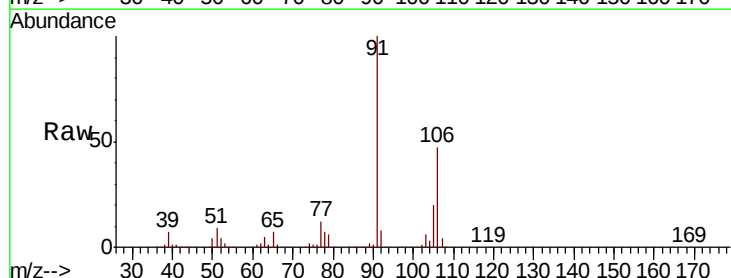
Acq: 09 Nov 2020 15:01

Tgt Ion:106 Resp: 134571

Ion Ratio Lower Upper

106 100

91 213.6 140.8 261.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

200000

150000

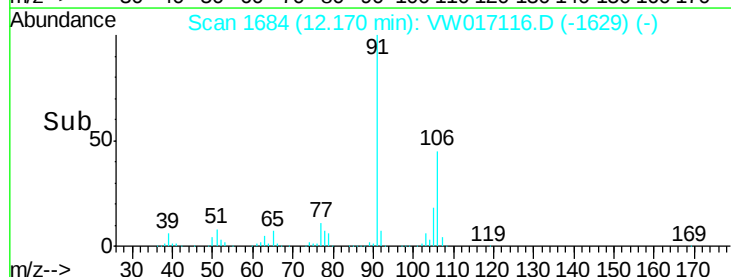
100000

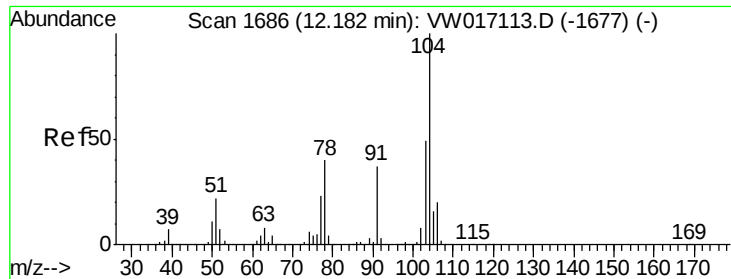
50000

0

12.10 12.15 12.20 12.25

Time-->





#56

Stvrene

Concen: 0.429 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

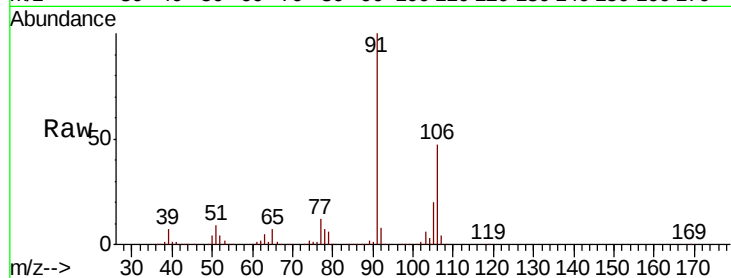
GB0S7

Tot Ion:104 Resp: 7617

Ion Ratio Lower Upper

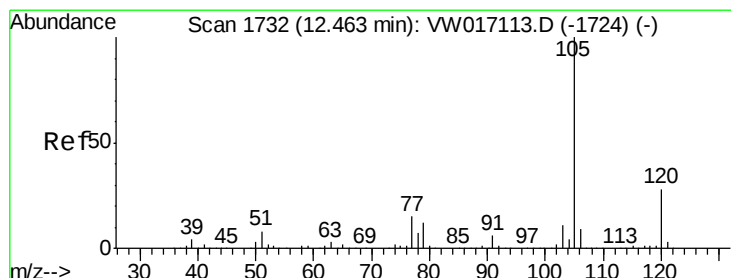
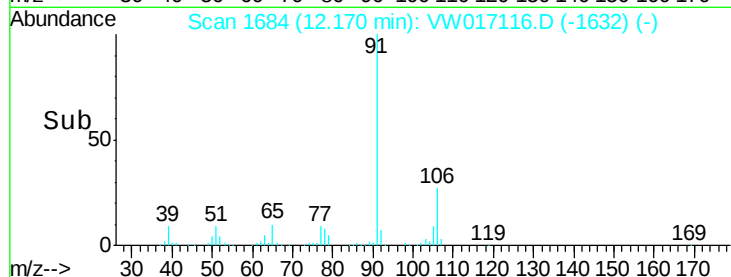
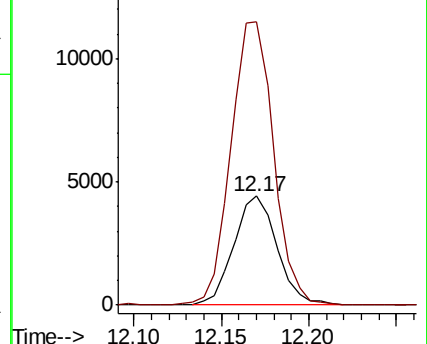
104 100

78 260.1 28.2 52.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#57

Isopropylbenzene

Concen: 13.261 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

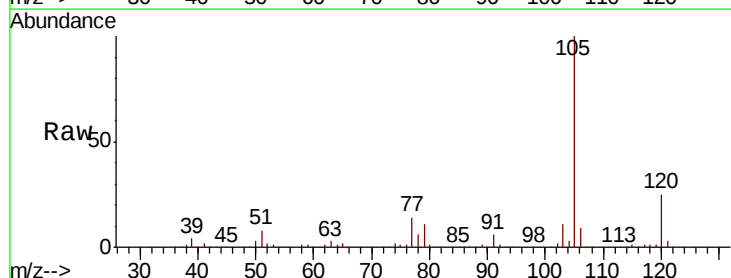
Tgt Ion:105 Resp: 380412

Ion Ratio Lower Upper

105 100

120 26.7 21.8 32.6

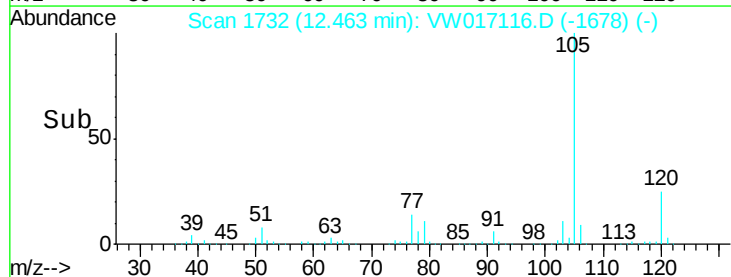
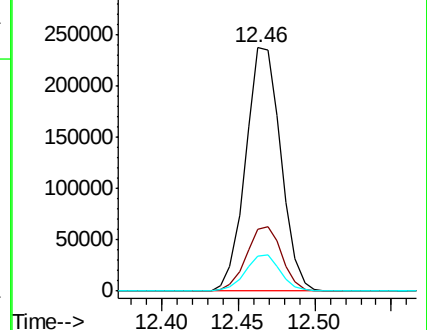
77 14.6 11.4 17.0

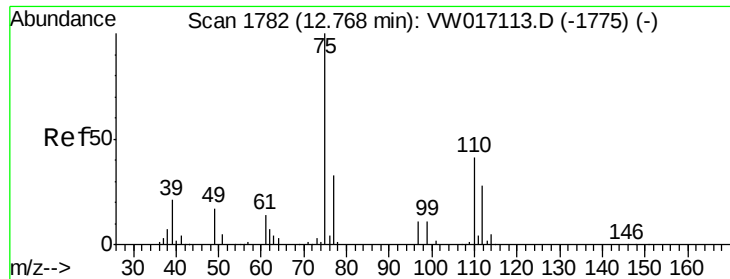


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.515 ug/L

RT: 12.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

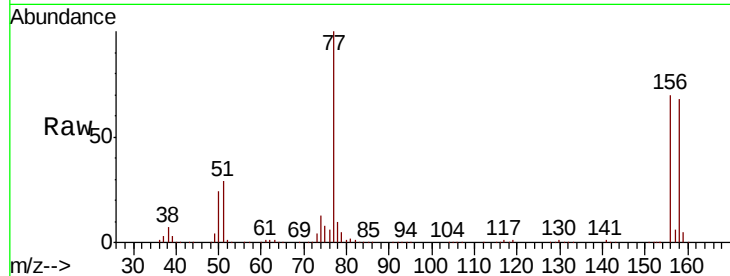
GB0S7

Tot Ion: 75 Resp: 21372

Ion Ratio Lower Upper

75 100

77 1186.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

150000

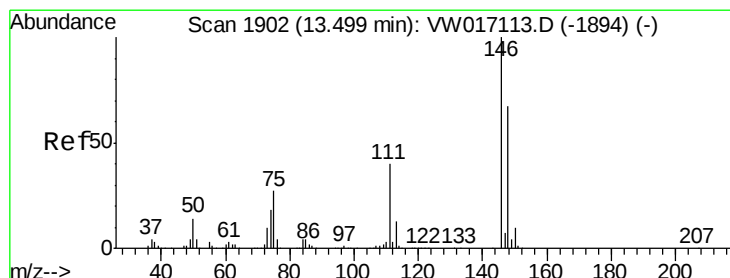
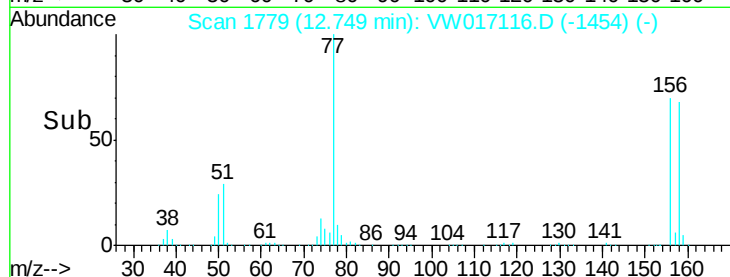
100000

50000

0

12.75

Time-->



#63

1,3-Dichlorobenzene

Concen: 21.010 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

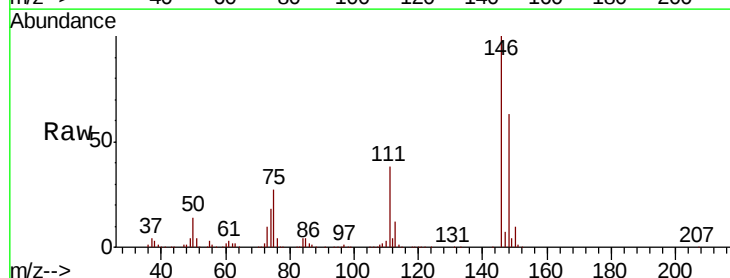
Tgt Ion: 146 Resp: 282237

Ion Ratio Lower Upper

146 100

111 37.5 26.4 49.0

148 62.8 42.1 78.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

200000

150000

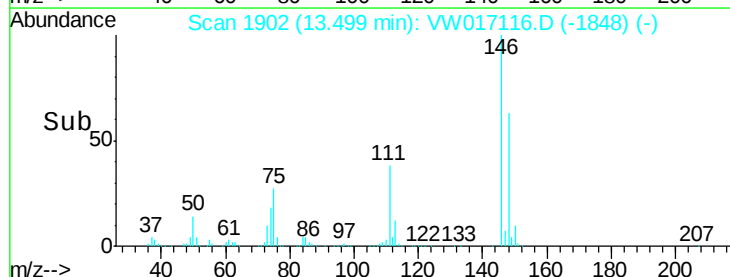
100000

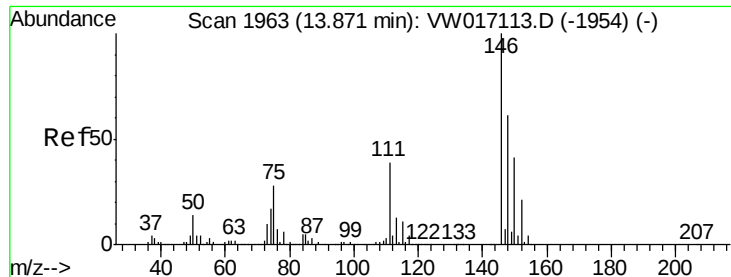
50000

0

13.50

Time-->





#65

1,2-Dichlorobenzene

Concen: 10.880 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

GB0S7

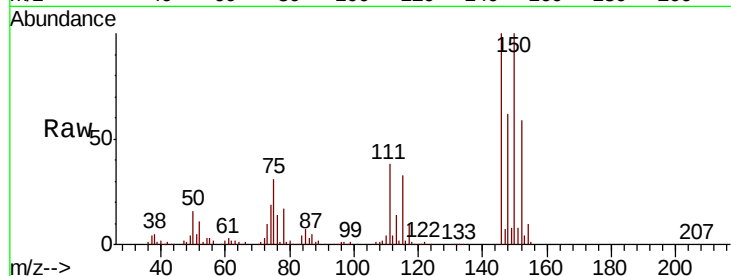
Tot Ion:146 Resp: 131799

Ion Ratio Lower Upper

146 100

111 37.8 30.5 45.7

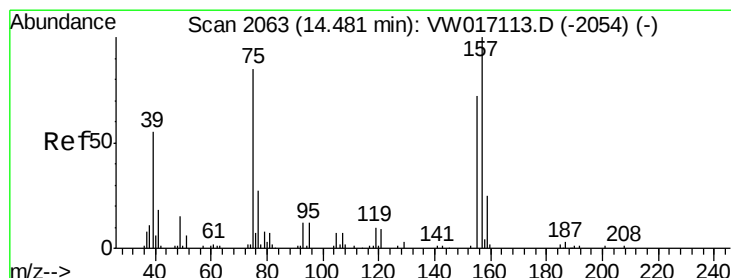
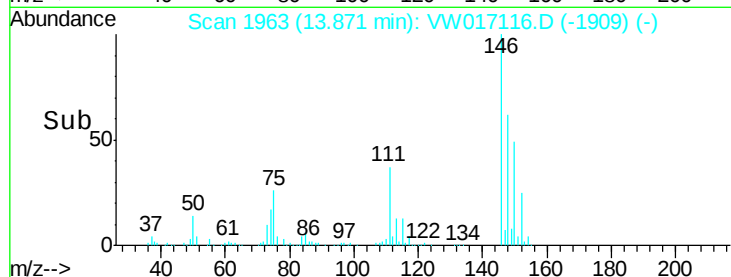
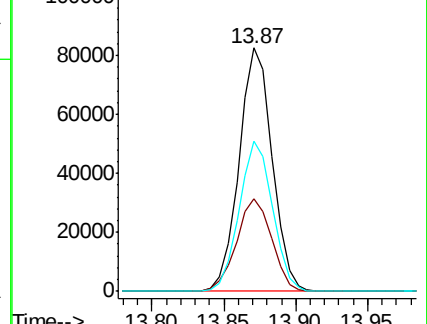
148 61.9 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 16.784 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW017116.D

Acq: 09 Nov 2020 15:01

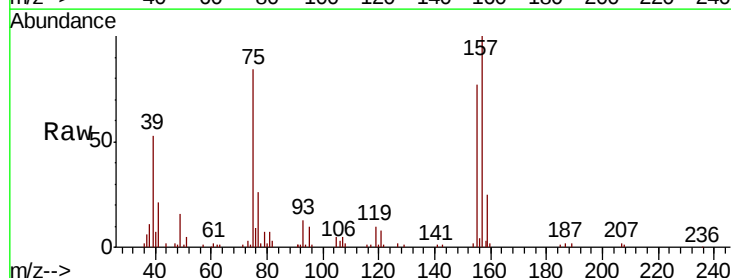
Tgt Ion: 75 Resp: 13443

Ion Ratio Lower Upper

75 100

157 119.4 108.2 162.4

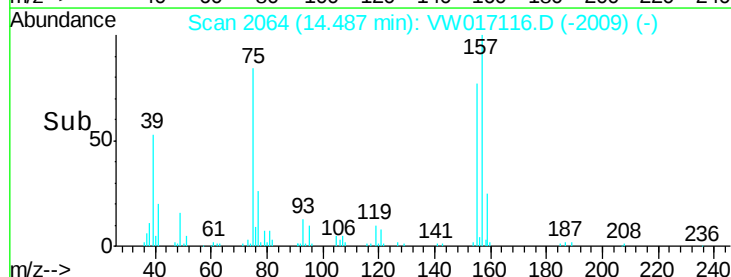
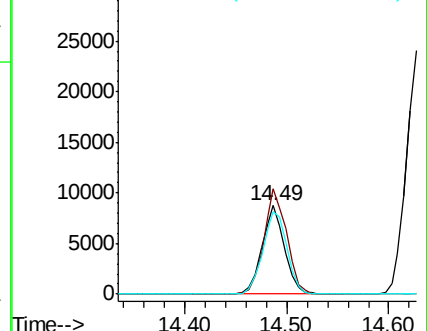
155 92.5 79.1 118.7

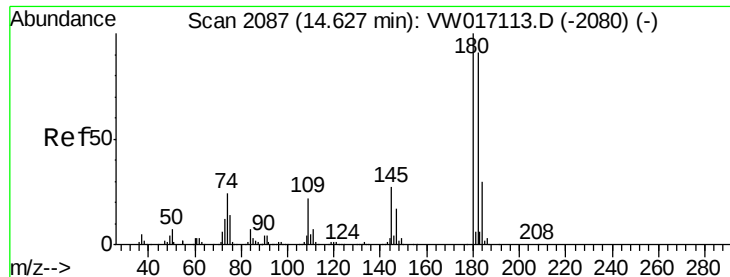


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#67

1,3,5-Trichlorobenzene

Concen: 25.045 ug/L

RT: 14.63 min Scan# 2088

Delta R.T. 0.01 min

Lab File: VW017116.D

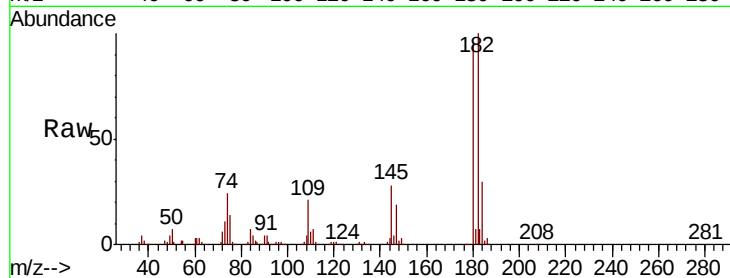
Acq: 09 Nov 2020 15:01

Instrument :

MSVOA\_W

ClientSampleId :

GB0S7



Tot Ion:180 Resp: 247920

Ion Ratio Lower Upper

180 100

182 100.2 77.2 115.8

184 31.7 24.2 36.4

145 30.2 23.5 35.3

Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

