

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\  
 Data File : VX018621.D  
 Acq On : 28 Sep 2020 17:42  
 Operator : JC/SP  
 Sample : L4135-01  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0Q5

Quant Time: Sep 29 02:38:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 29 02:30:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 279585   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 271254   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 145295   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 62625    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.60%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 62353    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.00% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 110472   | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.40%  |
| 20) 2-Butanone-d5              | 4.56   | 46    | 162293   | 43.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.00%  |
| 24) Chloroform-d               | 5.14   | 84    | 148171   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.40%  |
| 26) 1,2-Dichloroethane-d4      | 6.04   | 65    | 80712    | 4.00     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.00%  |
| 32) Benzene-d6                 | 6.06   | 84    | 277482   | 4.43     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 84795    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.80%  |
| 41) Toluene-d8                 | 8.70   | 98    | 267417   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 34695    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.80%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 137727   | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.64%  |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 71097    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 109286   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00%  |

## Target Compounds

|                              |      |    |        |               | Ovalue |
|------------------------------|------|----|--------|---------------|--------|
| 2) Dichlorodifluoromethane   | 1.19 | 85 | 1796   | 0.106 ug/L #  | 88     |
| 5) Vinyl chloride            | 1.39 | 62 | 28992  | 1.915 ug/L    | 100    |
| 6) Bromomethane              | 1.64 | 94 | 926    | 0.102 ug/L    | 99     |
| 8) Chloroethane              | 1.72 | 64 | 158566 | 19.048 ug/L   | 97     |
| 13) Acetone                  | 2.46 | 43 | 50640  | 24.524 ug/L   | 94     |
| 14) Carbon disulfide         | 2.60 | 76 | 195390 | 4.708 ug/L    | 97     |
| 15) Methyl Acetate           | 2.87 | 43 | 98789  | 17.285 ug/L # | 49     |
| 16) Methylene chloride       | 2.83 | 84 | 5474   | 0.294 ug/L    | 93     |
| 17) Methyl tert-butyl Ether  | 3.17 | 73 | 9549   | 0.314 ug/L #  | 1      |
| 18) trans-1,2-Dichloroethene | 3.14 | 96 | 24734  | 1.813 ug/L    | 89     |
| 19) 1,1-Dichloroethane       | 3.67 | 63 | 27686  | 1.132 ug/L #  | 91     |
| 21) 2-Butanone               | 4.81 | 43 | 2613   | 0.797 ug/L    | 92     |
| 22) cis-1,2-Dichloroethene   | 4.57 | 96 | 32870  | 2.309 ug/L #  | 91     |
| 27) 1,2-Dichloroethane       | 6.13 | 62 | 475084 | 28.085 ug/L # | 76     |
| 30) Cyclohexane              | 5.55 | 56 | 287582 | 13.993 ug/L   | 98     |
| 35) Methylcyclohexane        | 7.44 | 83 | 264749 | 12.577 ug/L   | 97     |
| 37) 1,2-Dichloropropane      | 7.43 | 63 | 3185   | 0.228 ug/L #  | 85     |

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 Quant Title : TRACE VOA SOM01.0  
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 Response via : Initial Calibration

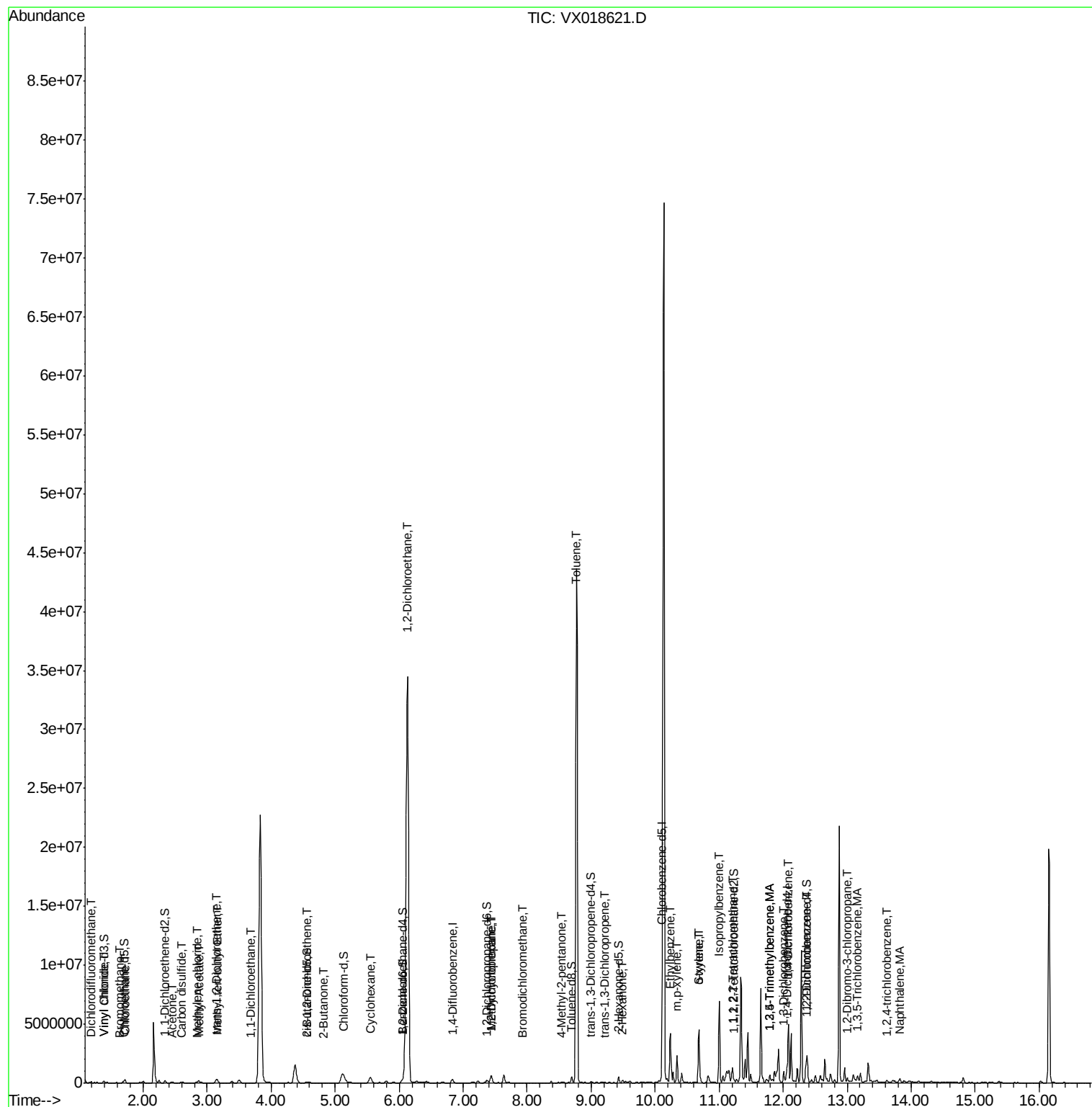
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 38) Bromodichloromethane       | 7.93  | 83   | 7370     | 0.391   | ug/L # | 35       |
| 40) 4-Methyl-2-pentanone       | 8.54  | 43   | 33278    | 4.302   | ug/L # | 51       |
| 42) Toluene                    | 8.76  | 91   | 19986012 | 353.794 | ug/L # | 75       |
| 43) 1,3,5-Trimethylbenzene     | 11.79 | 105  | 256290   | 5.189   | ug/L   | 96       |
| 44) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 256290   | 5.187   | ug/L   | 97       |
| 46) trans-1,3-Dichloropropene  | 9.22  | 75   | 8972     | 0.497   | ug/L # | 61       |
| 50) 2-Hexanone                 | 9.49  | 43   | 40093    | 7.323   | ug/L # | 26       |
| 54) Ethylbenzene               | 10.24 | 91   | 2317073  | 37.655  | ug/L   | 97       |
| 55) m,p-xylene                 | 10.34 | 106  | 511859   | 21.755  | ug/L   | 96       |
| 56) o-xylene                   | 10.68 | 106  | 897985   | 40.392  | ug/L   | 87       |
| 57) Styrene                    | 10.68 | 104  | 72728    | 1.982   | ug/L # | 1        |
| 58) Isopropylbenzene           | 11.00 | 105  | 3517065  | 59.003  | ug/L   | 100      |
| 60) 1,1,2,2-Tetrachloroethane  | 11.20 | 83   | 39191    | 3.465   | ug/L # | 30       |
| 63) 1,3-Dichlorobenzene        | 12.01 | 146  | 295852   | 9.367   | ug/L   | 98       |
| 64) 1,4-Dichlorobenzene        | 12.09 | 146  | 1529297  | 47.932  | ug/L   | 96       |
| 66) 1,2-Dichlorobenzene        | 12.38 | 146  | 636737   | 21.638  | ug/L   | 97       |
| 67) 1,2-Dibromo-3-chloropropan | 13.00 | 75   | 1118     | 0.447   | ug/L # | 20       |
| 68) 1,3,5-Trichlorobenzene     | 13.15 | 180  | 4424     | 0.187   | ug/L # | 89       |
| 69) 1,2,4-trichlorobenzene     | 13.63 | 180  | 3741     | 0.192   | ug/L # | 65       |
| 70) Naphthalene                | 13.82 | 128  | 102955   | 3.133   | ug/L # | 94       |

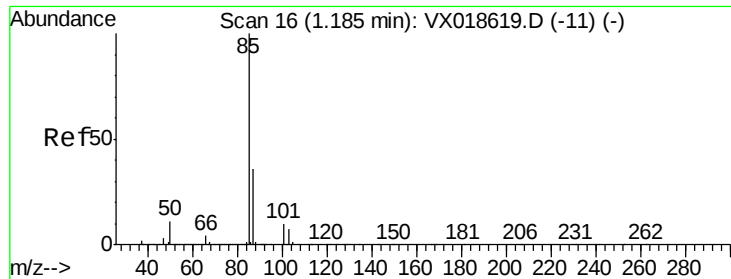
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#2

Dichlorodifluoromethane

Concen: 0.106 ug/L

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

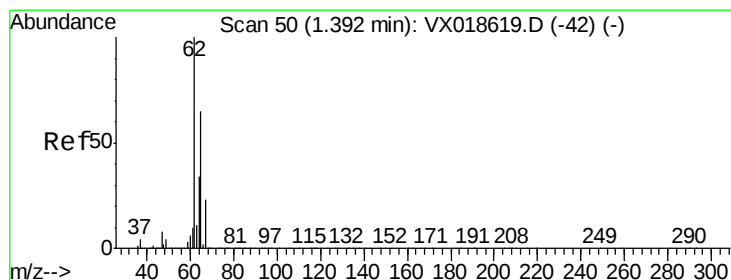
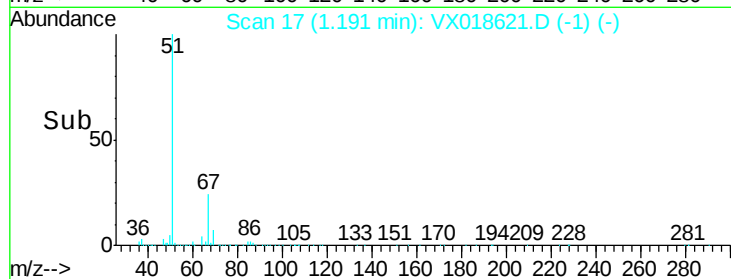
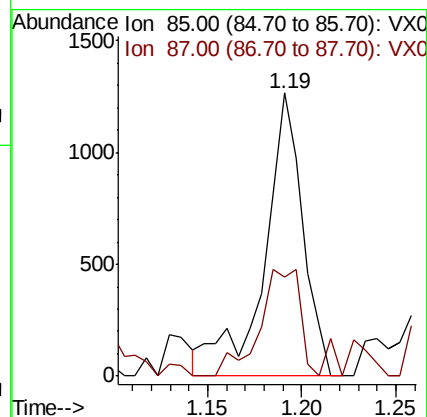
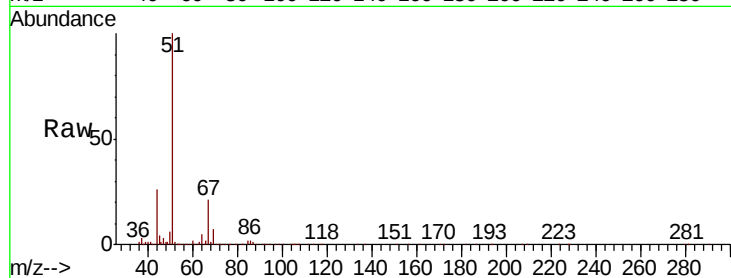
BG0Q5

Tot Ion: 85 Resp: 1796

Ion Ratio Lower Upper

85 100

87 39.6 26.1 39.1#



#5

Vinyl chloride

Concen: 1.915 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018621.D

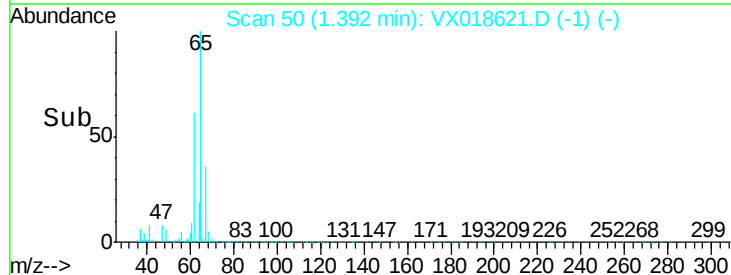
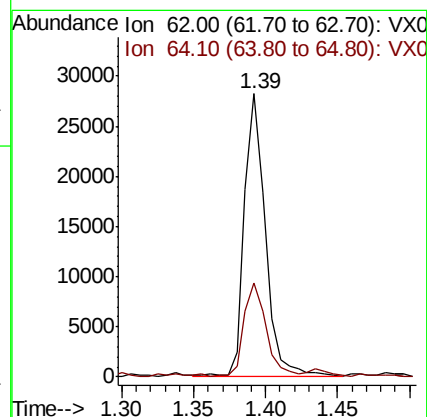
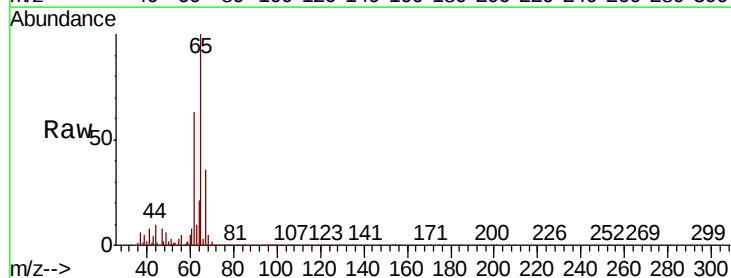
Acq: 28 Sep 2020 17:42

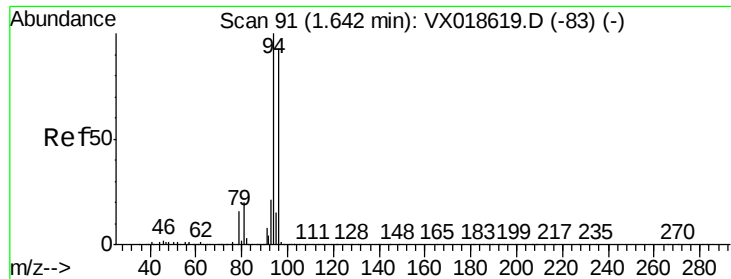
Tgt Ion: 62 Resp: 28992

Ion Ratio Lower Upper

62 100

64 33.4 23.6 43.8





#6

Bromomethane

Concen: 0.102 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

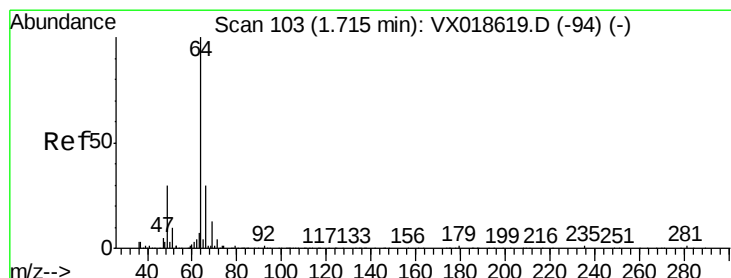
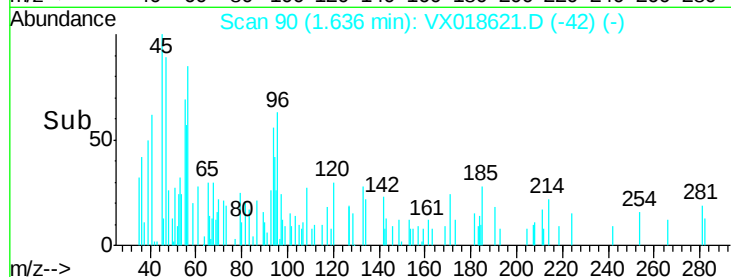
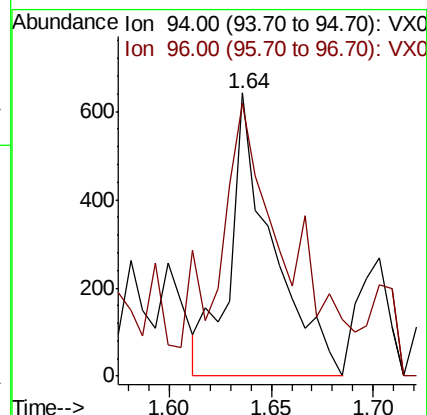
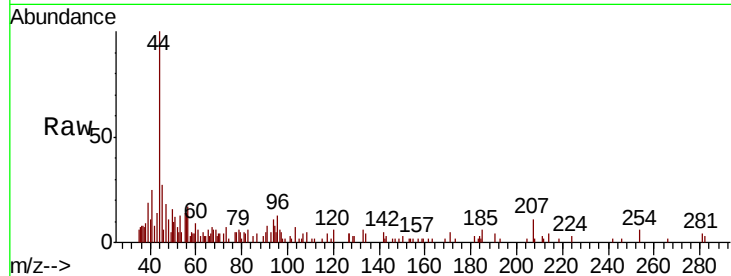
BG0Q5

Tot Ion: 94 Resp: 926

Ion Ratio Lower Upper

94 100

96 96.3 67.8 125.8



#8

Chloroethane

Concen: 19.048 ug/L

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018621.D

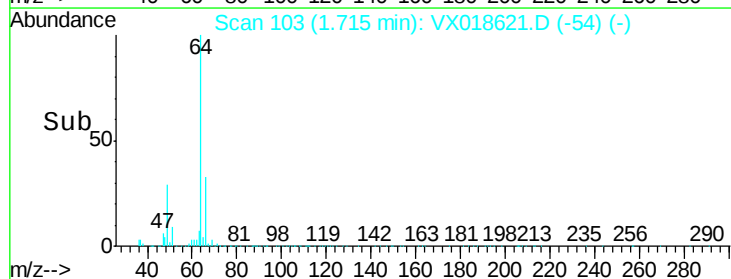
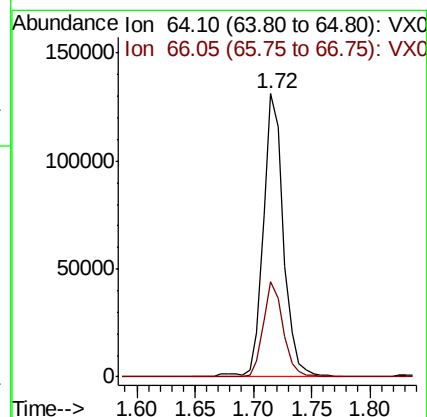
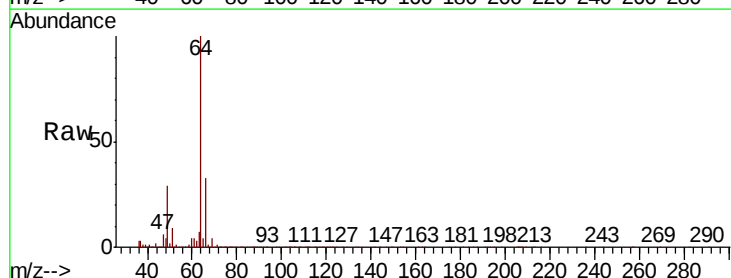
Acq: 28 Sep 2020 17:42

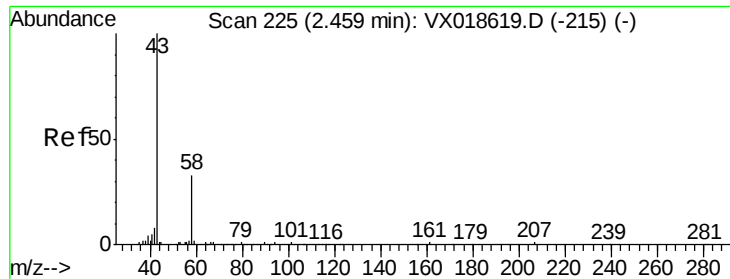
Tgt Ion: 64 Resp: 158566

Ion Ratio Lower Upper

64 100

66 33.4 22.3 41.3





#13

Acetone

Concen: 24.524 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampled :

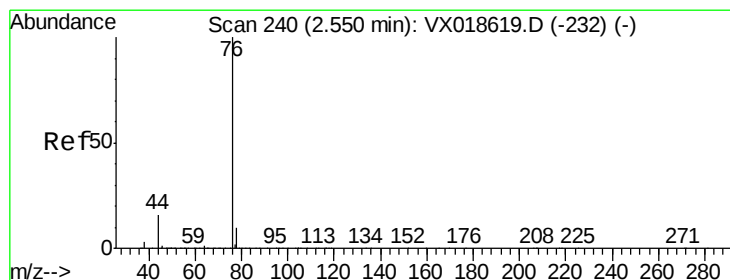
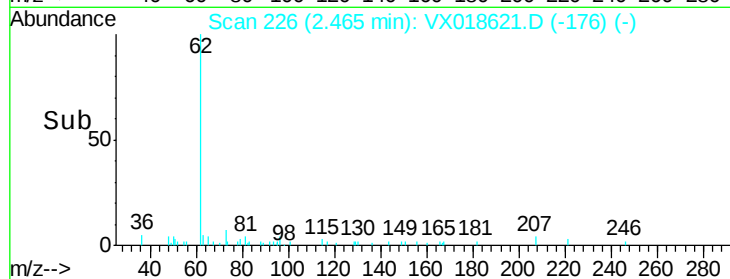
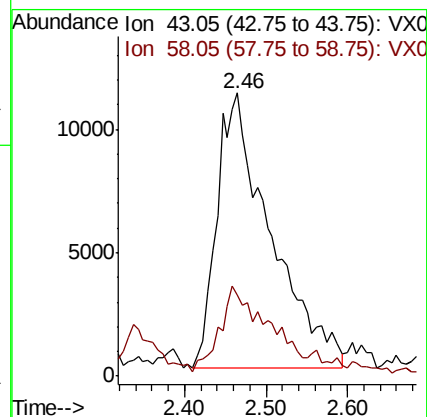
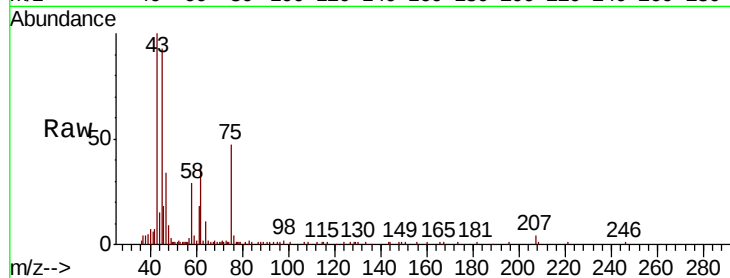
BG0Q5

Tot Ion: 43 Resp: 50640

Ion Ratio Lower Upper

43 100

58 27.5 0.0 61.6



#14

Carbon disulfide

Concen: 4.708 ug/L

RT: 2.60 min Scan# 248

Delta R.T. 0.05 min

Lab File: VX018621.D

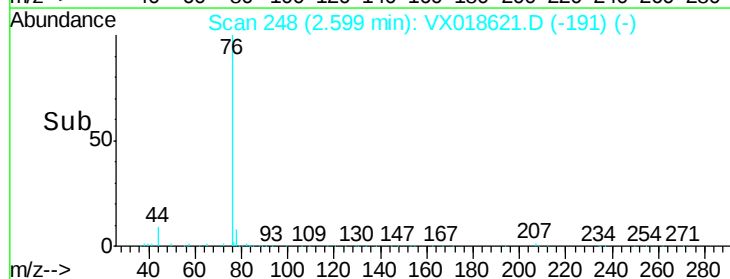
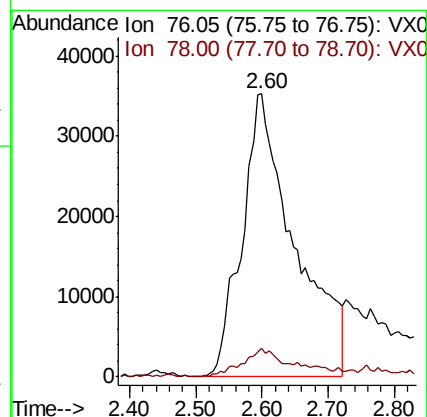
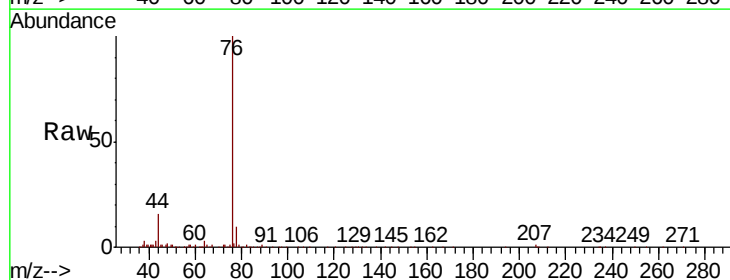
Acq: 28 Sep 2020 17:42

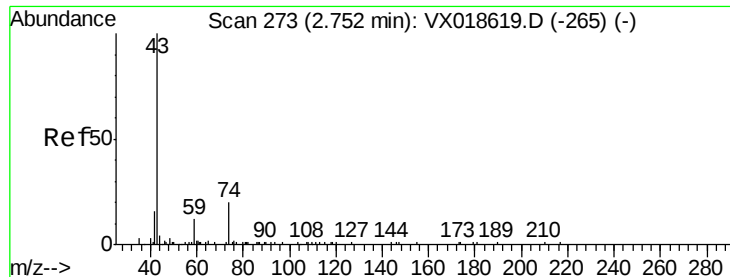
Tgt Ion: 76 Resp: 195390

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0

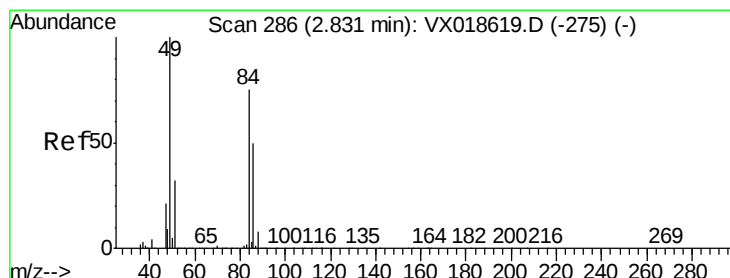
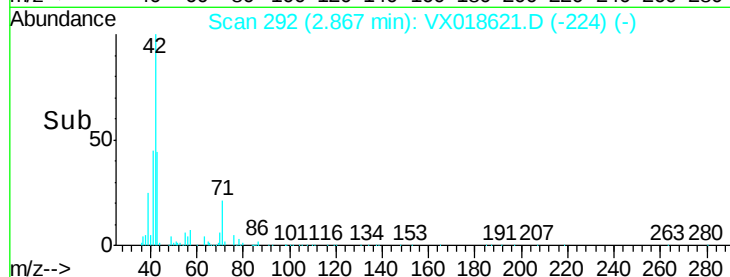
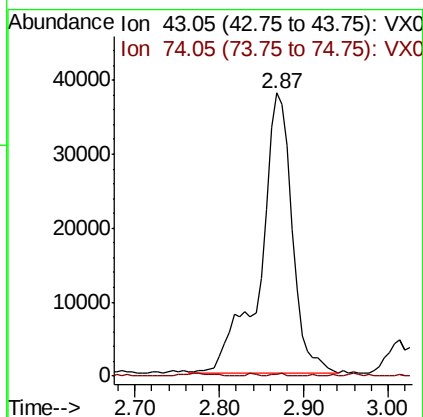
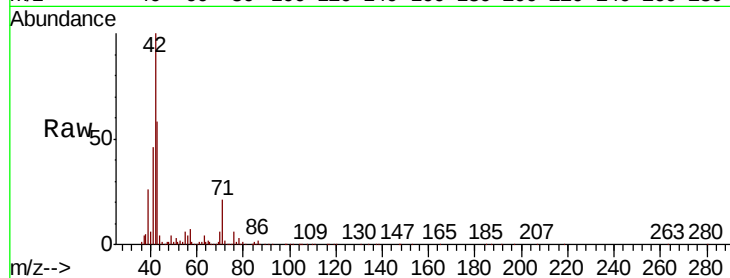




#15  
Methyl Acetate  
Concen: 17.285 ug/L  
RT: 2.87 min Scan# 292  
Delta R.T. 0.12 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

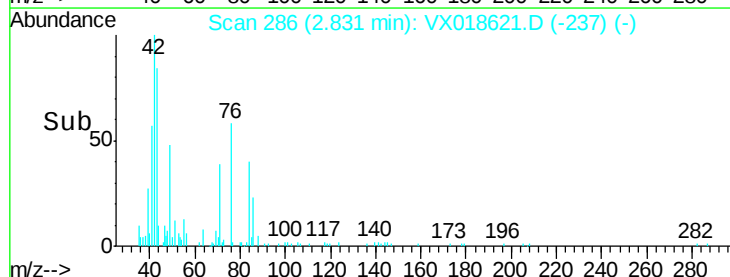
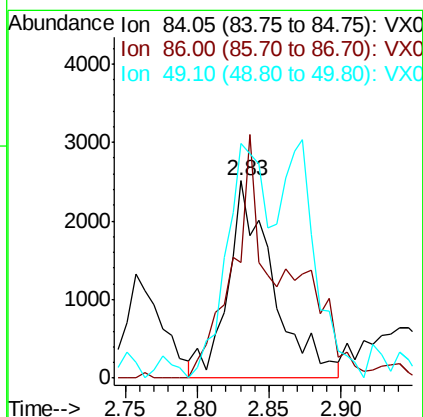
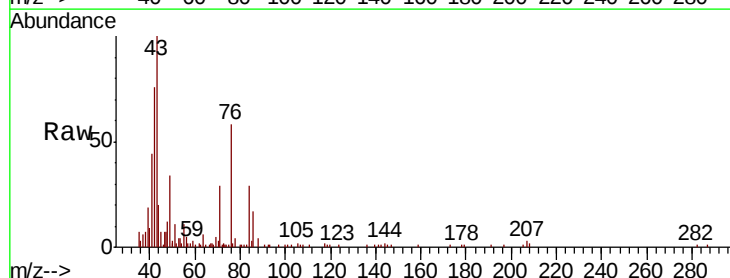
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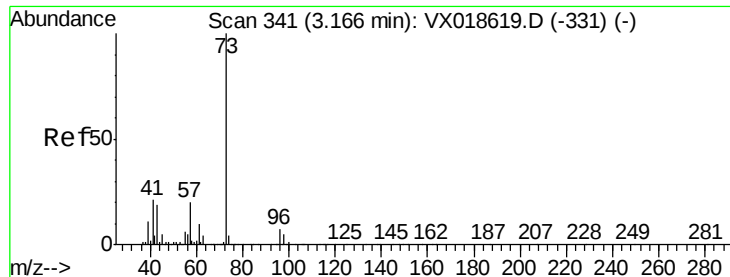
Tot Ion: 43 Resp: 98789  
Ion Ratio Lower Upper  
43 100  
74 0.3 21.2 31.8#



#16  
Methylene chloride  
Concen: 0.294 ug/L  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

Tgt Ion: 84 Resp: 5474  
Ion Ratio Lower Upper  
84 100  
86 58.4 41.9 77.7  
49 126.1 80.8 150.2

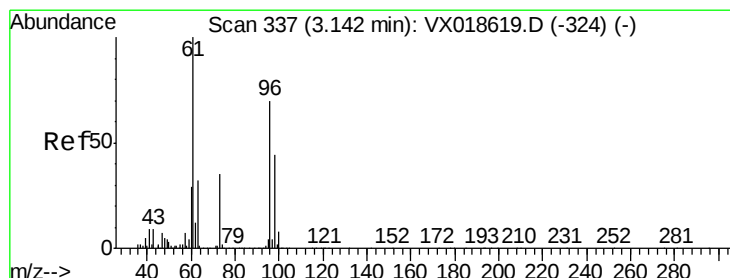
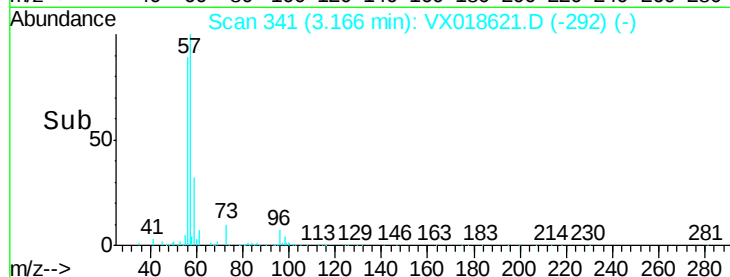
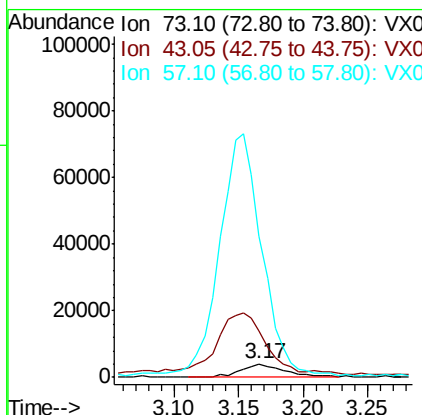
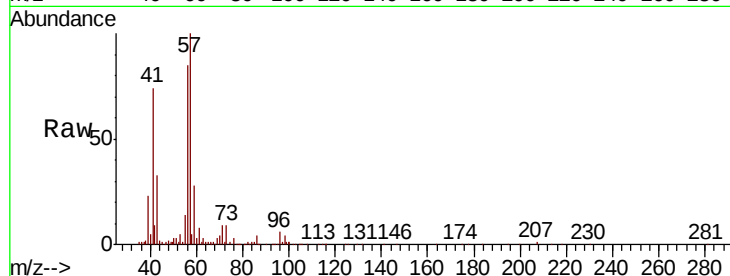




#17  
Methvl tert-butvl Ether  
Concen: 0.314 ug/L  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

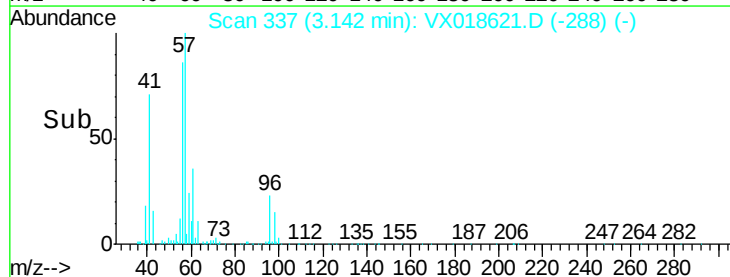
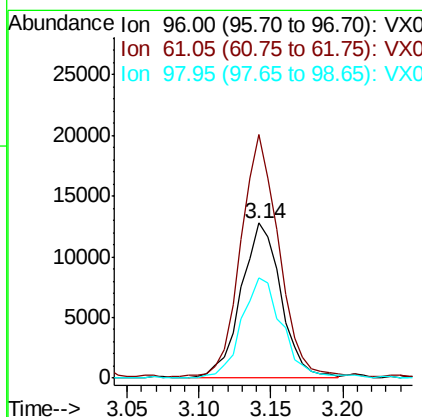
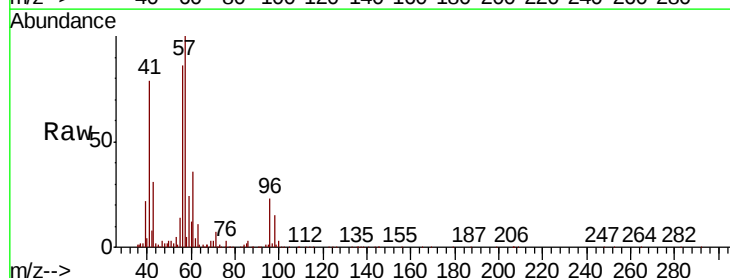
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BG0Q5

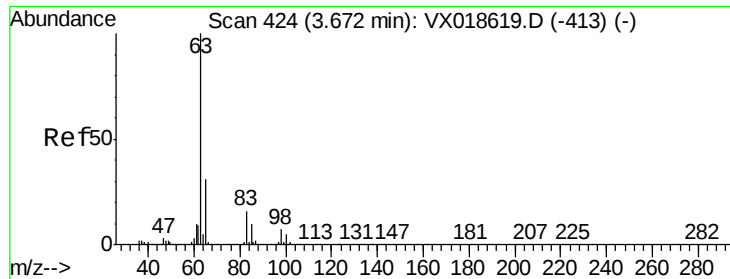
Tot Ion: 73 Resp: 9549  
Ion Ratio Lower Upper  
73 100  
43 447.8 18.6 27.8#  
57 1776.8 17.3 25.9#



#18  
trans-1,2-Dichloroethene  
Concen: 1.813 ug/L  
RT: 3.14 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

Tgt Ion: 96 Resp: 24734  
Ion Ratio Lower Upper  
96 100  
61 157.0 97.3 180.7  
98 65.0 46.6 86.6





#19

1,1-Dichloroethane

Concen: 1.132 ug/L

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

BG0Q5

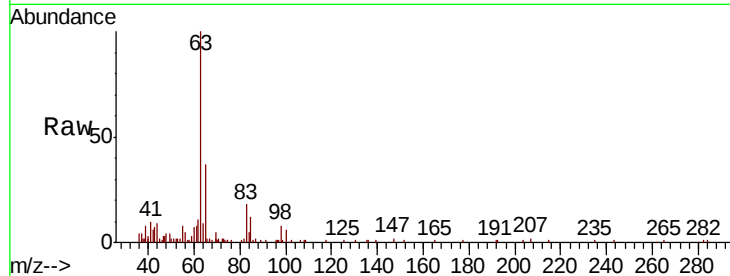
Tot Ion: 63 Resp: 27686

Ion Ratio Lower Upper

63 100

65 36.7 22.7 42.1

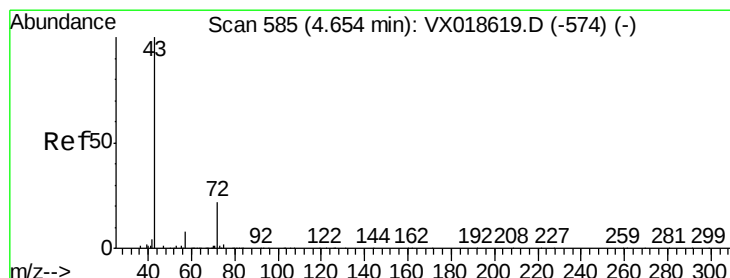
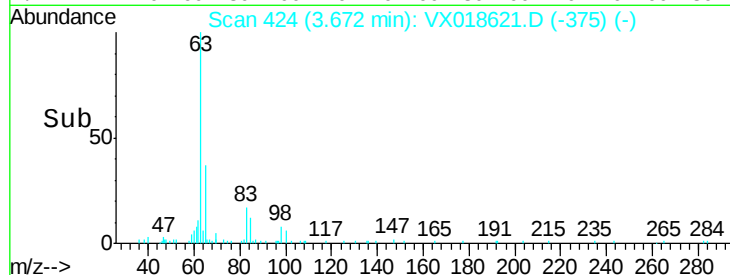
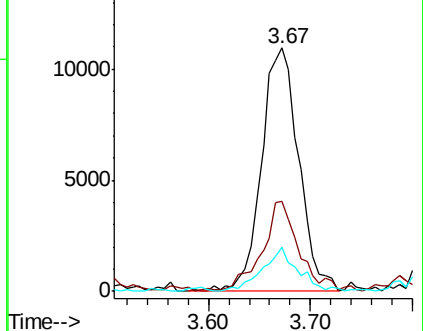
83 17.9 9.3 17.3#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 0.797 ug/L

RT: 4.81 min Scan# 611

Delta R.T. 0.16 min

Lab File: VX018621.D

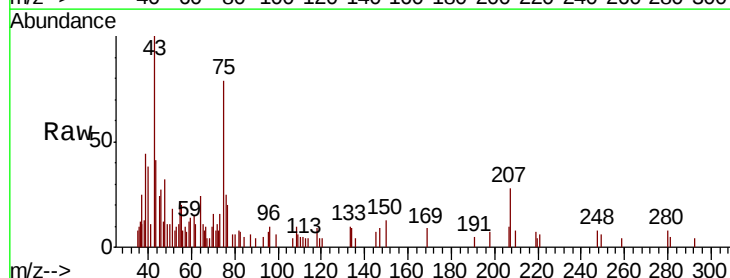
Acq: 28 Sep 2020 17:42

Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

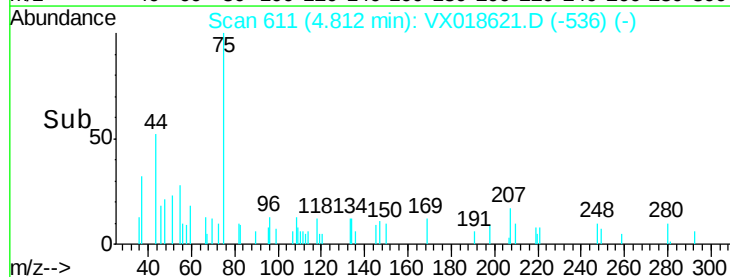
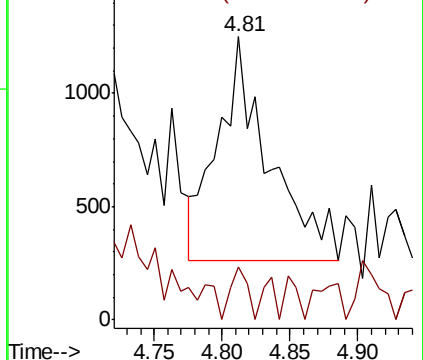
43 100

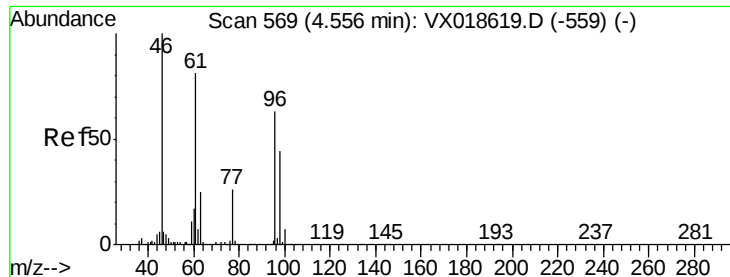
72 7.5 5.2 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#22

cis-1,2-Dichloroethene

Concen: 2.309 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

BG0Q5

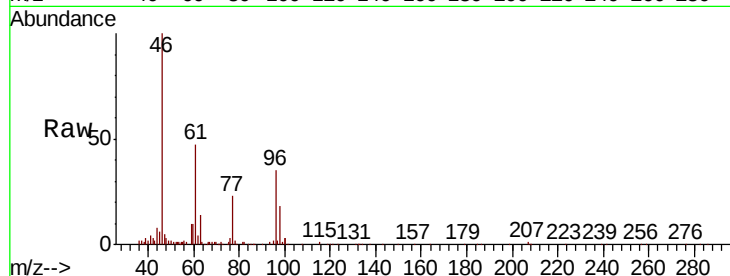
Tot Ion: 96 Resp: 32870

Ion Ratio Lower Upper

96 100

61 135.5 87.7 162.9

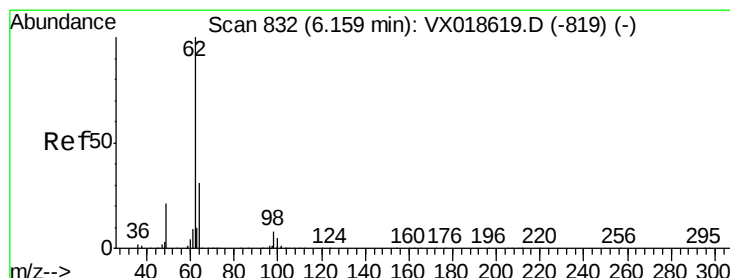
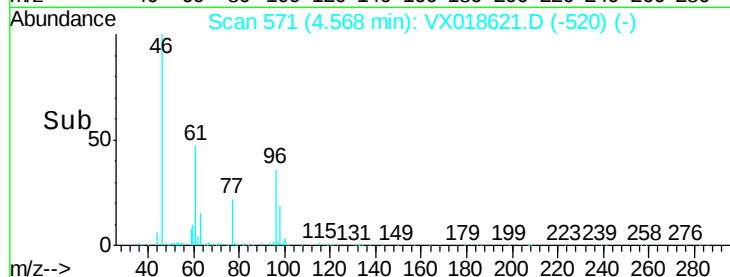
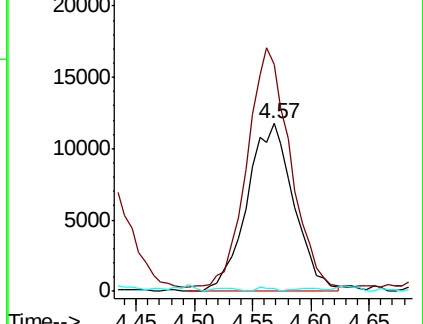
68 1.9 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#27

1,2-Dichloroethane

Concen: 28.085 ug/L

RT: 6.13 min Scan# 827

Delta R.T. -0.03 min

Lab File: VX018621.D

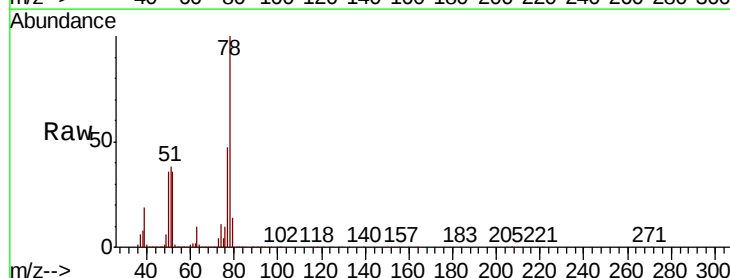
Acq: 28 Sep 2020 17:42

Tgt Ion: 62 Resp: 475084

Ion Ratio Lower Upper

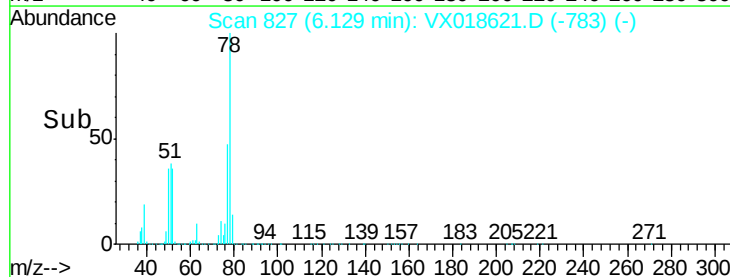
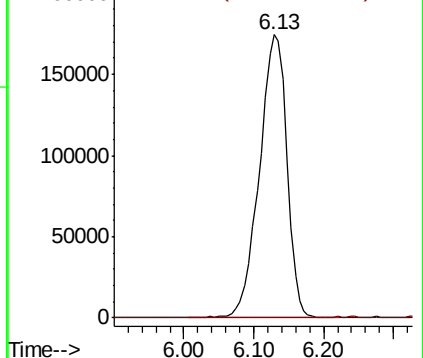
62 100

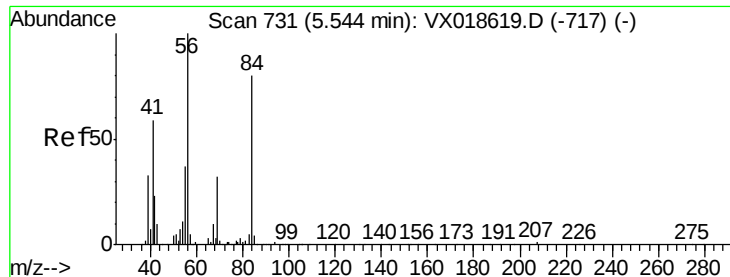
98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

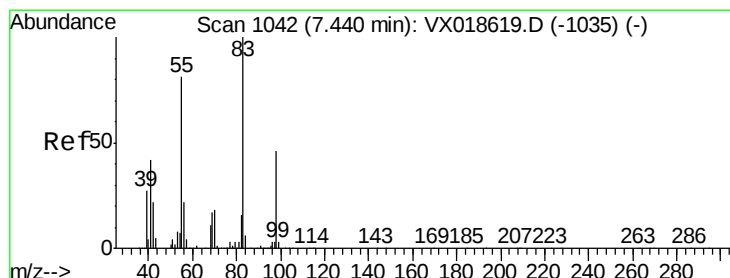
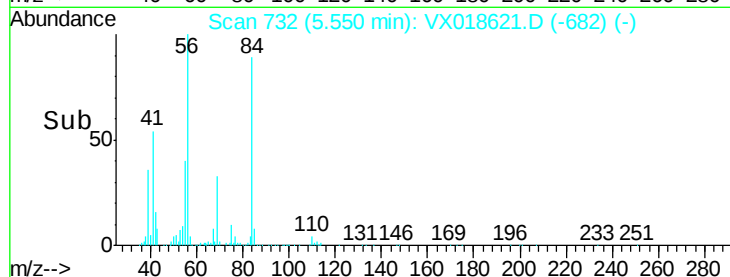
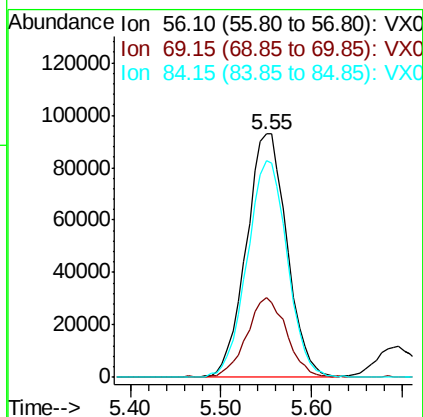
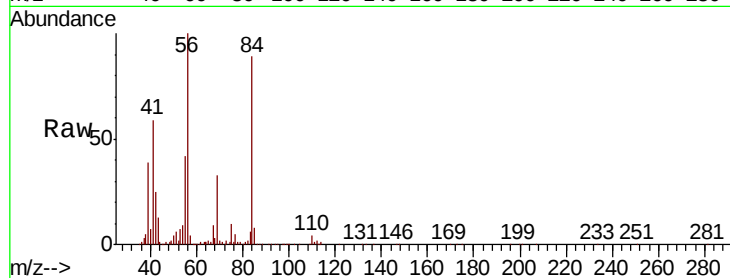




#30  
Cyclohexane  
Concen: 13.993 ug/L  
RT: 5.55 min Scan# 732  
Delta R.T. 0.01 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

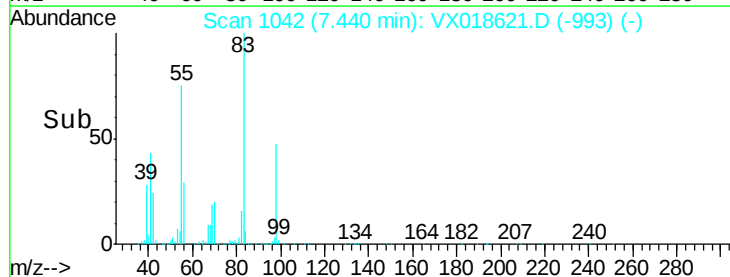
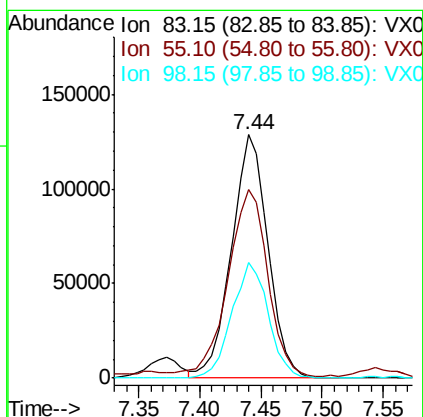
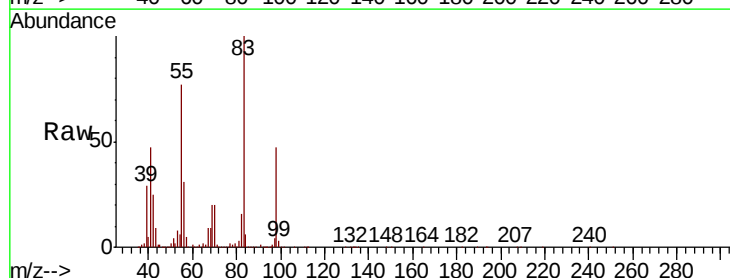
Instrument :  
MSVOA\_X  
ClientSampleId :  
BG0Q5

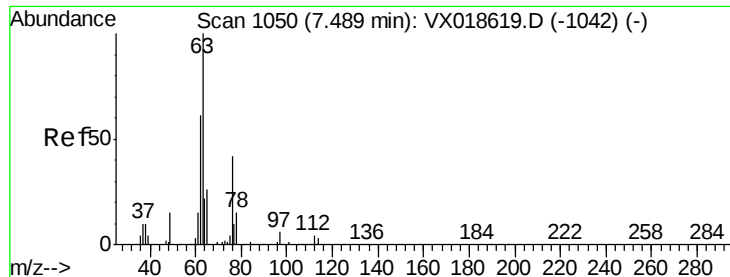
Tot Ion: 56 Resp: 287582  
Ion Ratio Lower Upper  
56 100  
69 32.2 26.4 39.6  
84 88.3 72.7 109.1



#35  
Methylcyclohexane  
Concen: 12.577 ug/L  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

Tgt Ion: 83 Resp: 264749  
Ion Ratio Lower Upper  
83 100  
55 85.4 67.4 101.0  
98 47.7 41.1 61.7





#37

1,2-Dichloropropane

Concen: 0.228 ug/L

RT: 7.43 min Scan# 1040

Delta R.T. -0.06 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

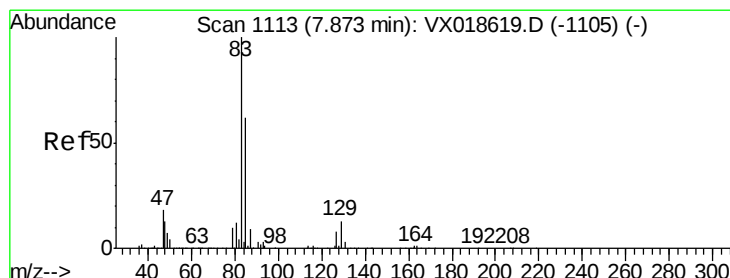
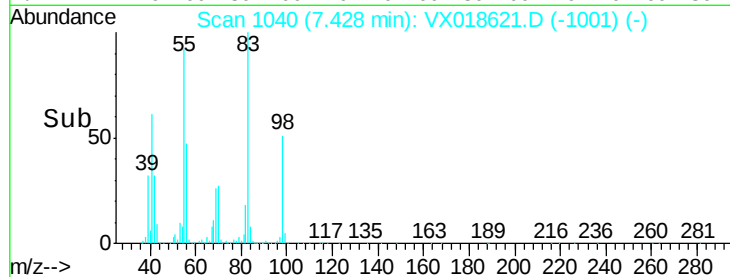
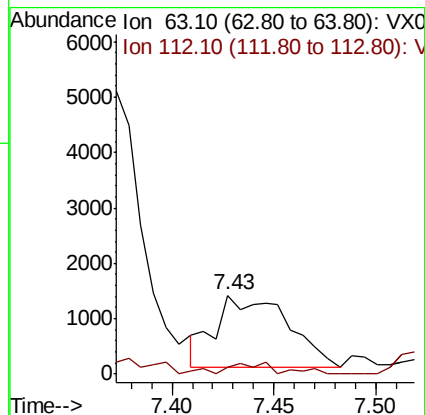
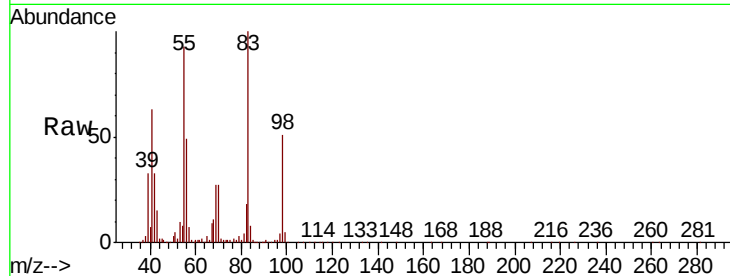
BG0Q5

Tot Ion: 63 Resp: 3185

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.391 ug/L

RT: 7.93 min Scan# 1122

Delta R.T. 0.05 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

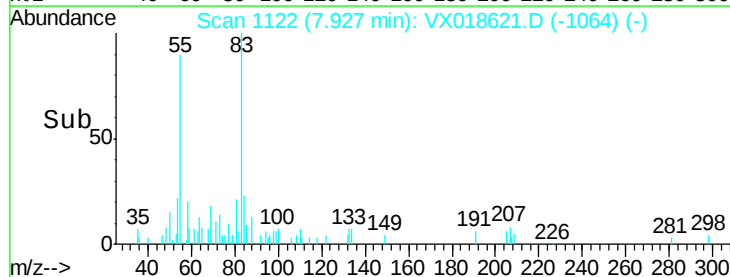
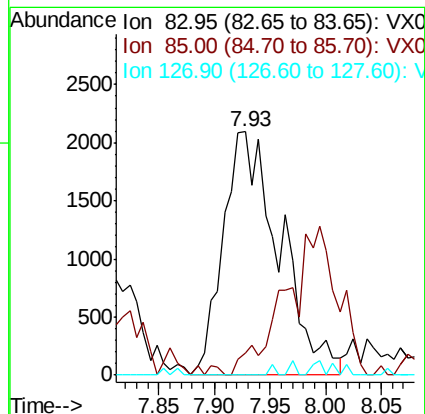
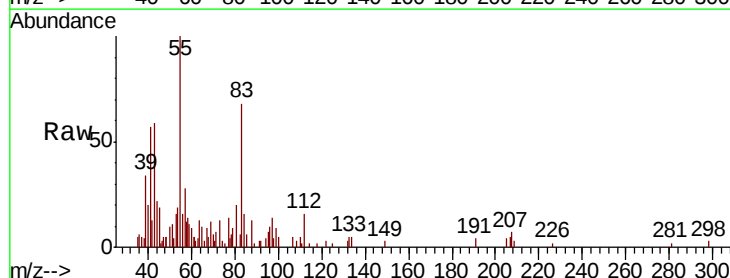
Tgt Ion: 83 Resp: 7370

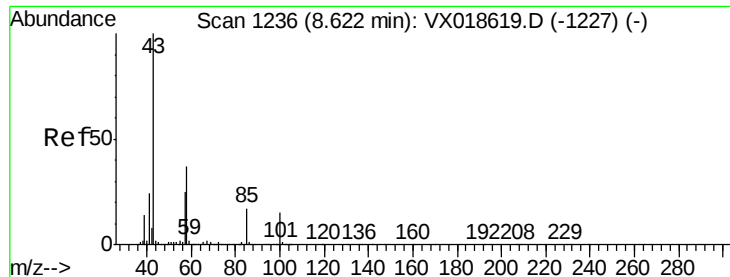
Ion Ratio Lower Upper

83 100

85 9.0 45.2 84.0#

127 0.0 8.2 12.2#

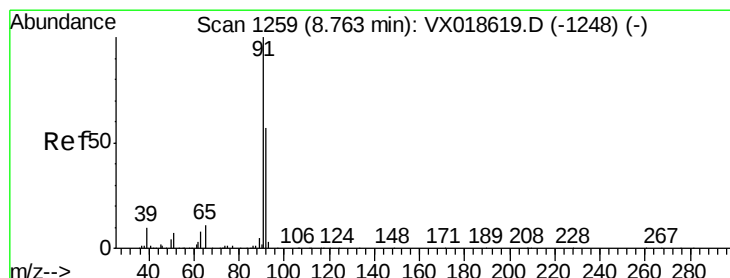
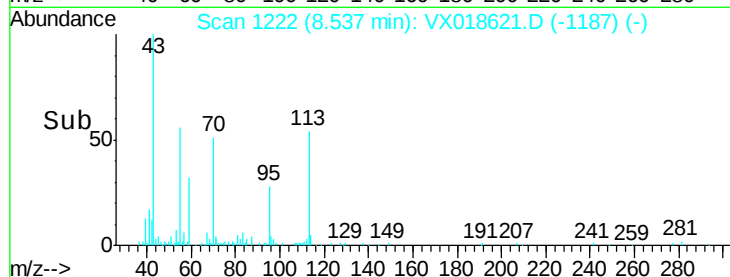
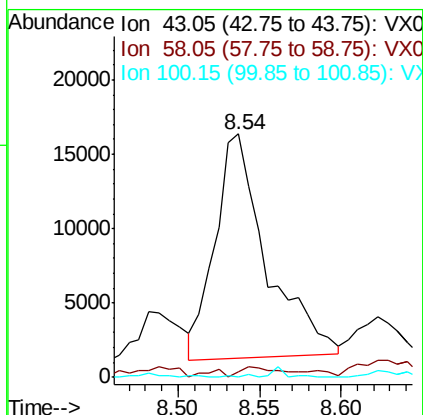
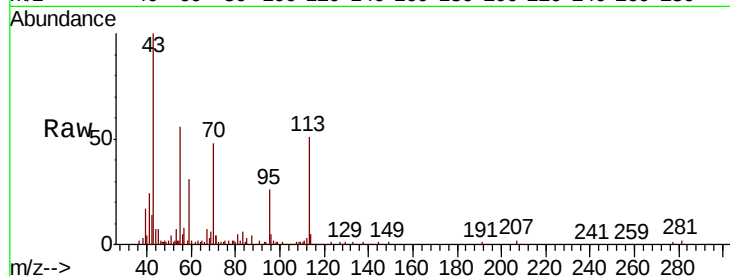




#40  
4-Methyl-2-pentanone  
Concen: 4.302 ug/L  
RT: 8.54 min Scan# 1222  
Delta R.T. -0.09 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

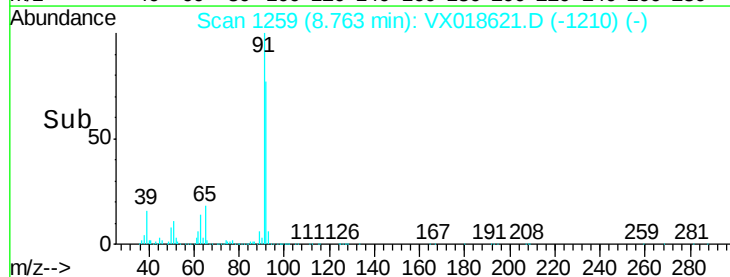
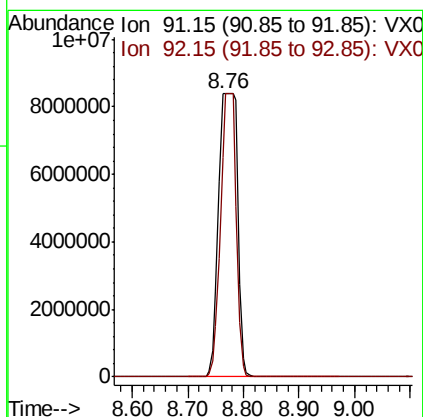
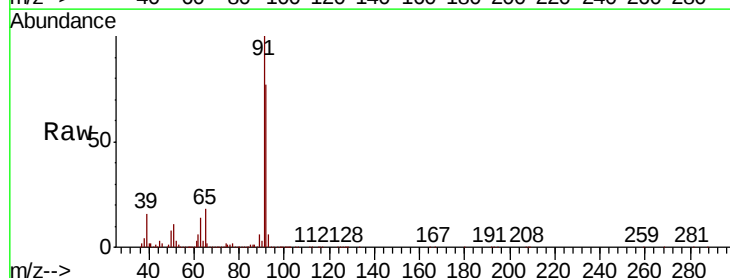
Instrument :  
MSVOA\_X  
ClientSampled :  
BG0Q5

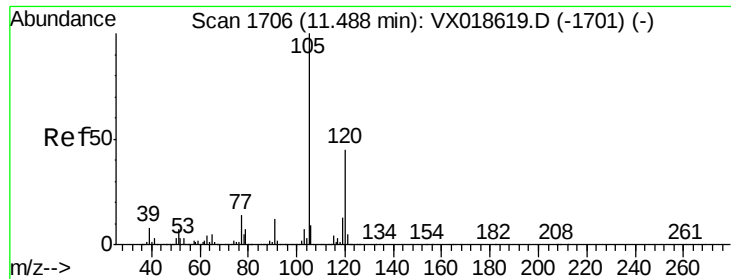
Tot Ion: 43 Resp: 33278  
Ion Ratio Lower Upper  
43 100  
58 5.3 30.2 45.4#  
100 0.0 11.8 17.8#



#42  
Toluene  
Concen: 353.794 ug/L  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

Tgt Ion: 91 Resp: 19986012  
Ion Ratio Lower Upper  
91 100  
92 77.3 41.1 76.3#





#43

1,3,5-Trimethylbenzene

Concen: 5.189 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.30 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

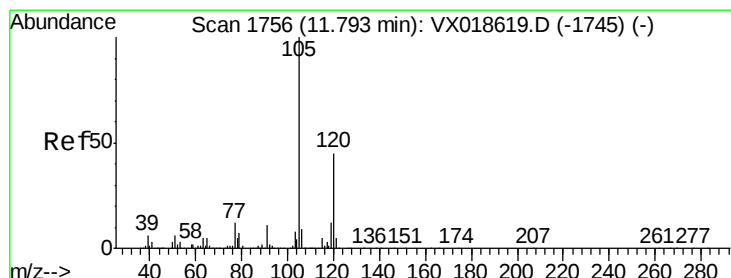
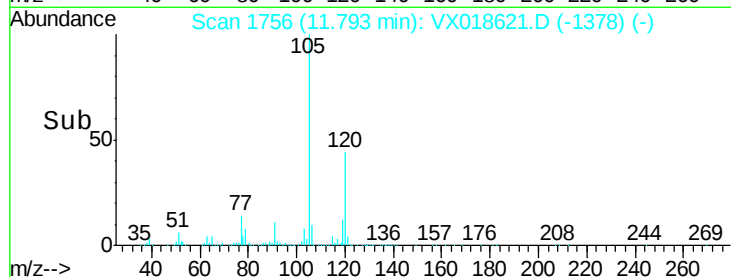
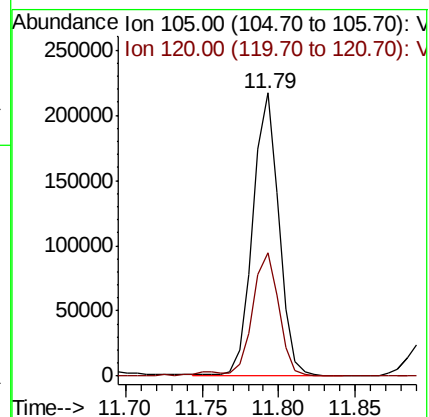
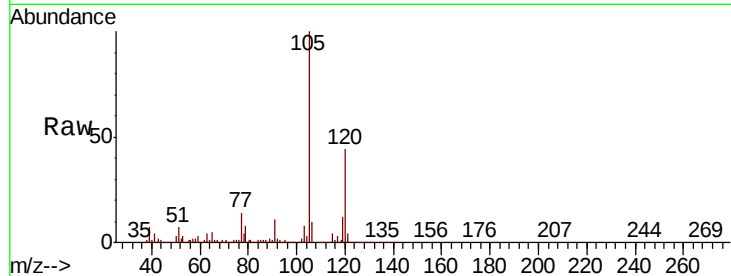
BG0Q5

Tot Ion:105 Resp: 256290

Ion Ratio Lower Upper

105 100

120 43.9 37.2 55.8



#44

1,2,4-Trimethylbenzene

Concen: 5.187 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018621.D

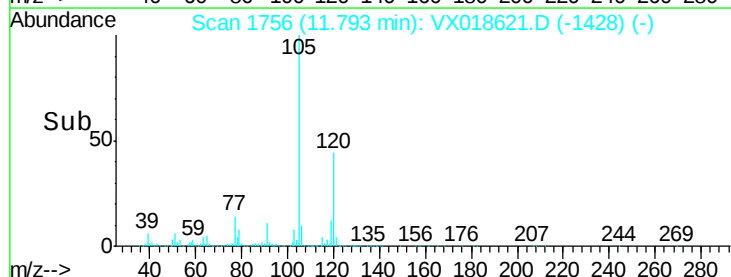
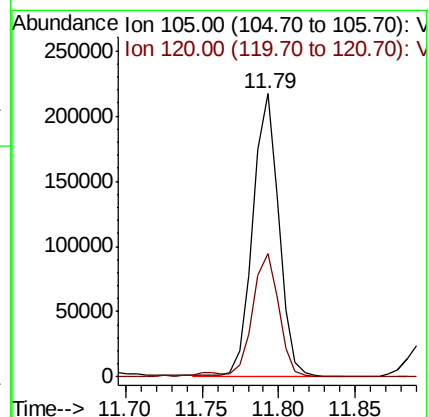
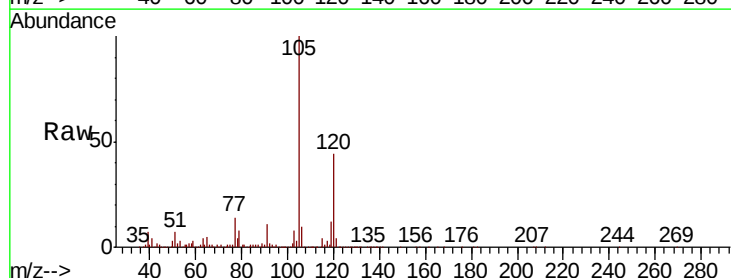
Acq: 28 Sep 2020 17:42

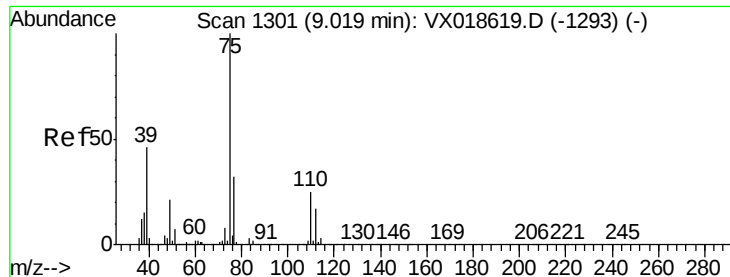
Tgt Ion:105 Resp: 256290

Ion Ratio Lower Upper

105 100

120 43.9 36.8 55.2





#46

trans-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 9.22 min Scan# 1334

Delta R.T. 0.20 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

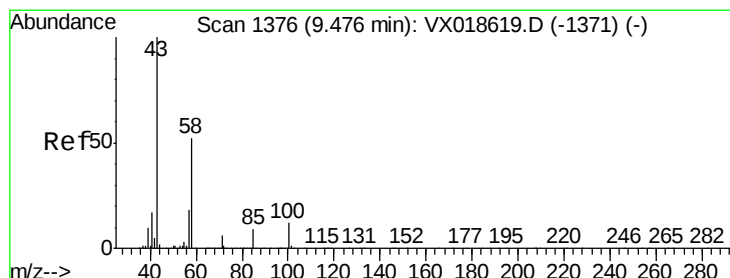
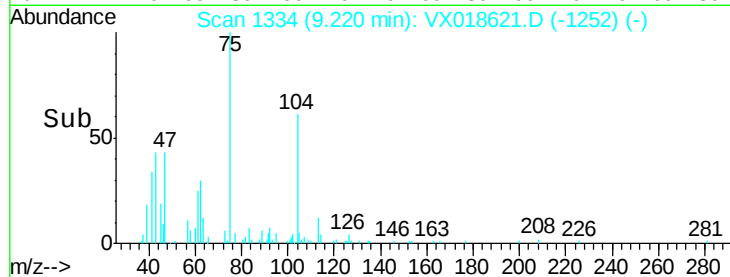
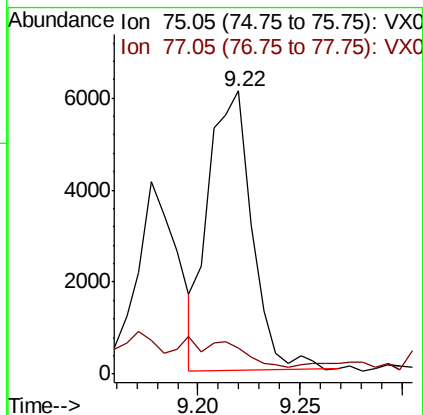
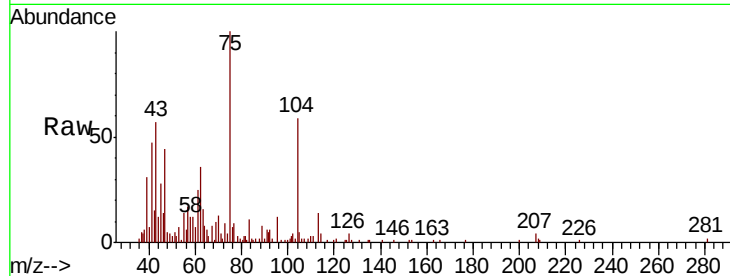
BG0Q5

Tot Ion: 75 Resp: 8972

Ion Ratio Lower Upper

75 100

77 9.3 21.2 39.4#



#50

2-Hexanone

Concen: 7.323 ug/L

RT: 9.49 min Scan# 1378

Delta R.T. 0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Tgt Ion: 43 Resp: 40093

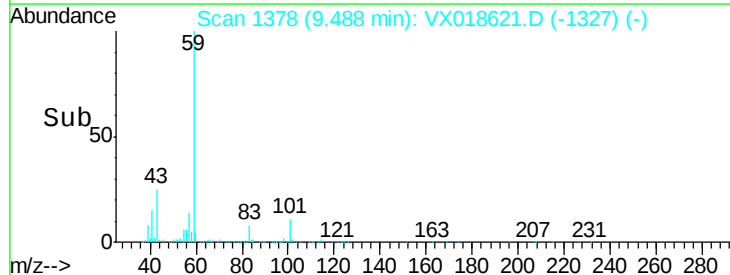
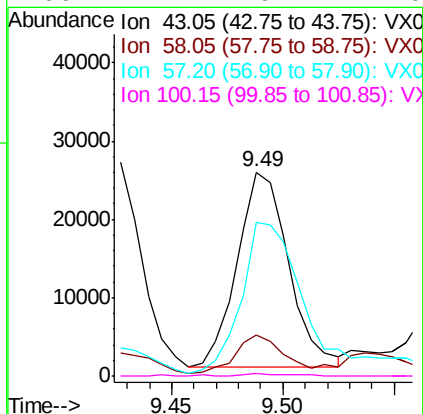
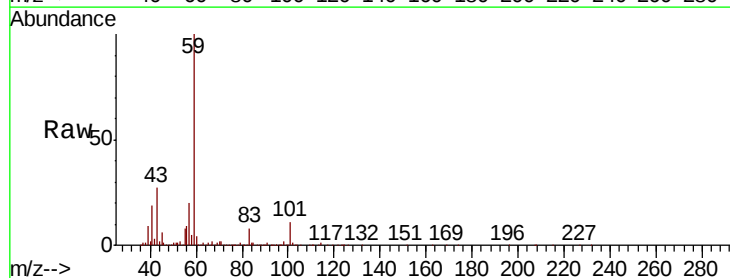
Ion Ratio Lower Upper

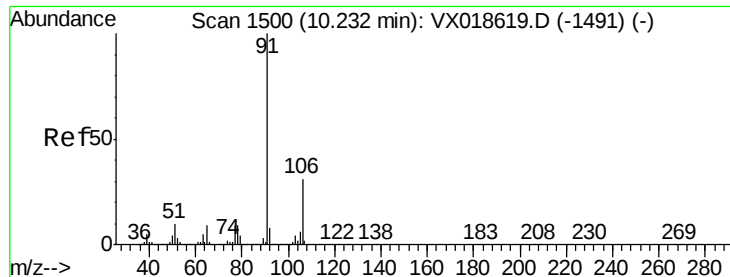
43 100

58 20.1 42.5 63.7#

57 100.1 15.9 23.9#

100 1.2 9.4 14.0#





#54

Ethylbenzene

Concen: 37.655 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

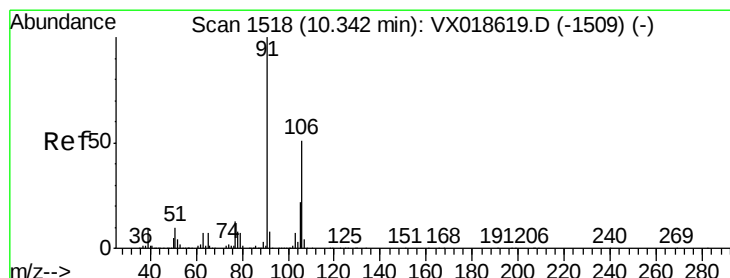
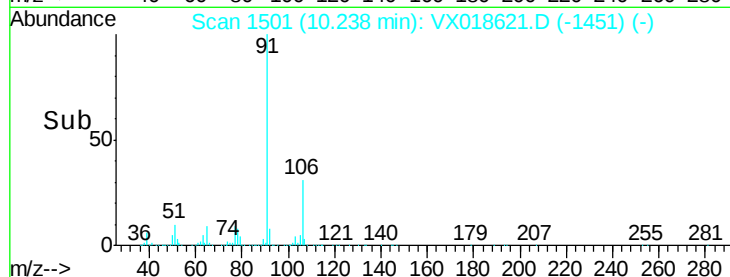
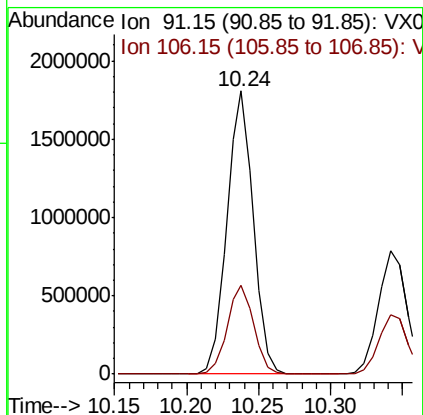
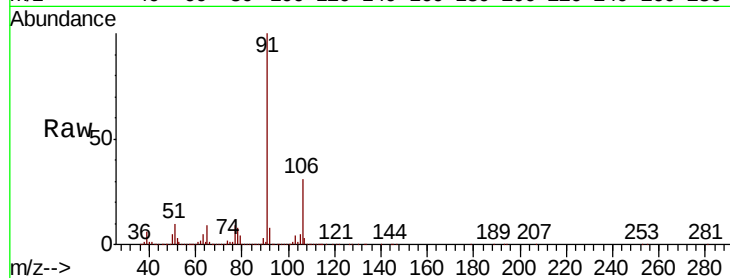
BG0Q5

Tot Ion: 91 Resp: 2317073

Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0



#55

m,p-xylene

Concen: 21.755 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018621.D

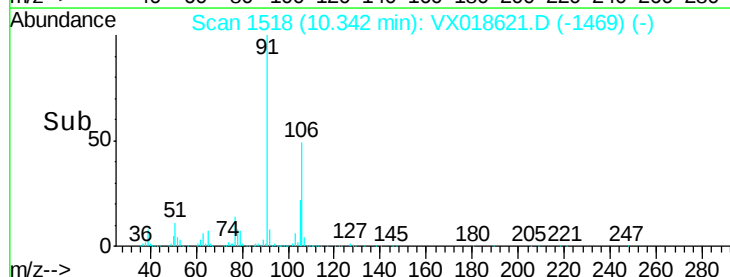
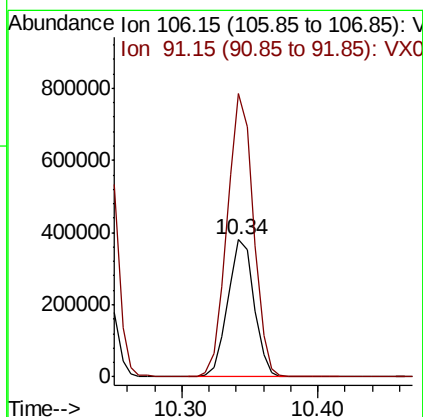
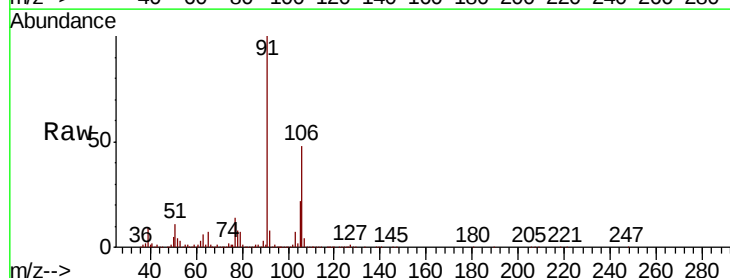
Acq: 28 Sep 2020 17:42

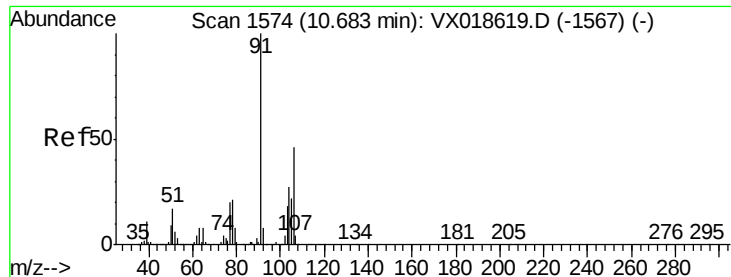
Tgt Ion: 106 Resp: 511859

Ion Ratio Lower Upper

106 100

91 206.3 140.3 260.6





#56

o-xylene

Concen: 40.392 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

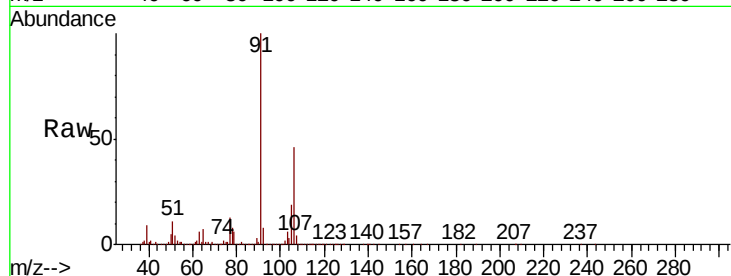
BG0Q5

Tot Ion:106 Resp: 897985

Ion Ratio Lower Upper

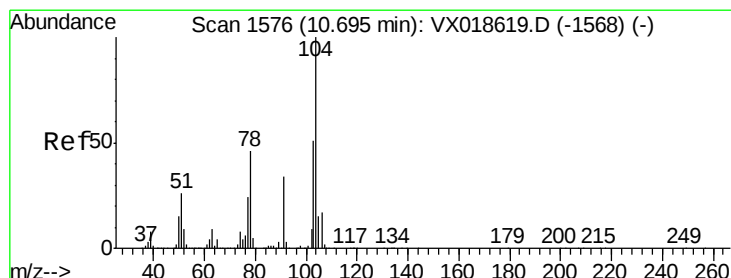
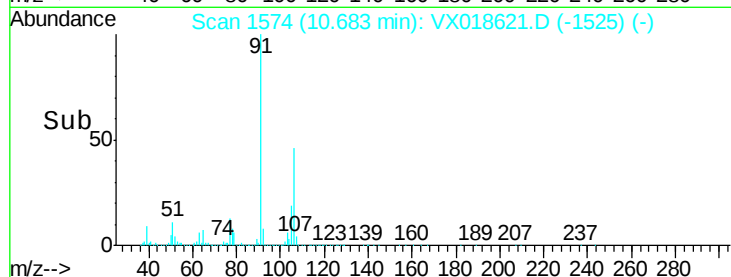
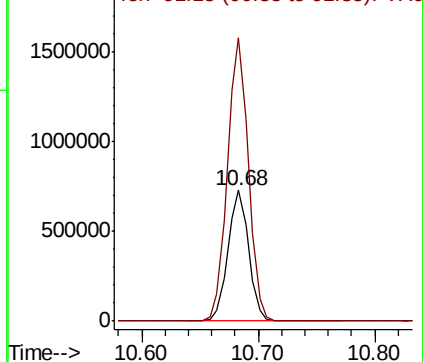
106 100

91 216.5 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 1.982 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX018621.D

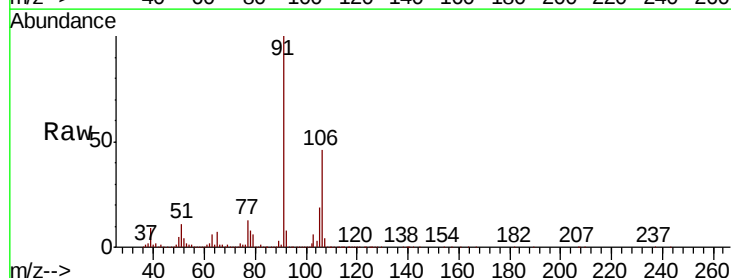
Acq: 28 Sep 2020 17:42

Tgt Ion:104 Resp: 72728

Ion Ratio Lower Upper

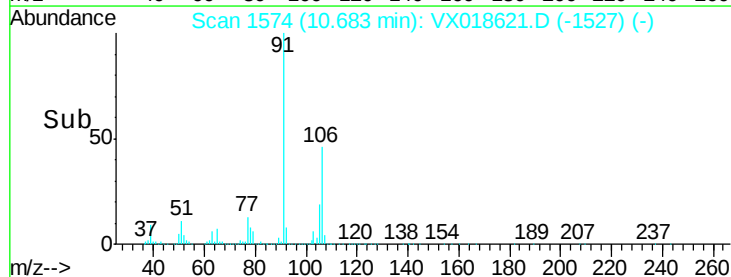
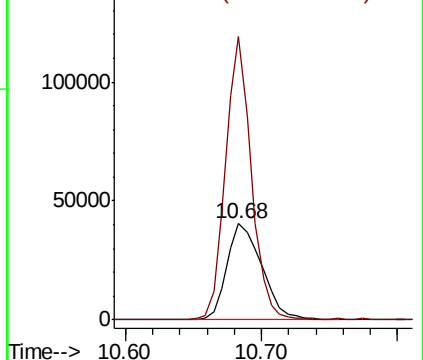
104 100

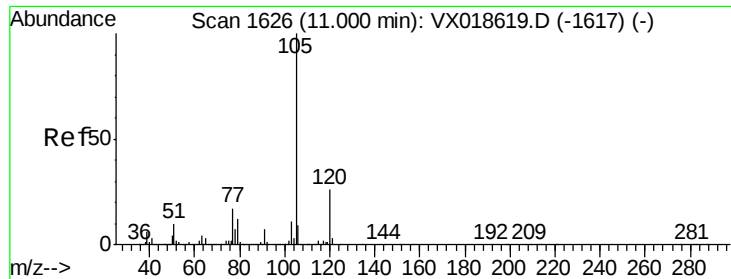
78 294.3 33.3 61.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 59.003 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

Instrument :

MSVOA\_X

ClientSampleId :

BG0Q5

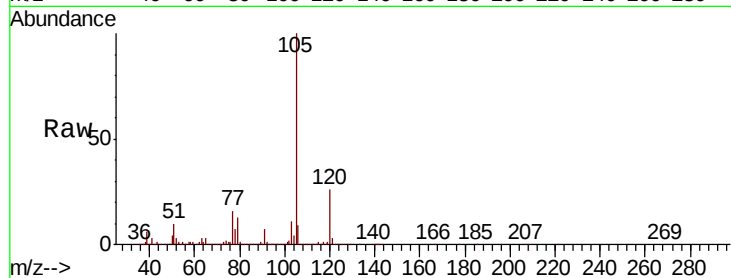
Tot Ion:105 Resp: 3517065

Ion Ratio Lower Upper

105 100

120 26.6 21.2 31.8

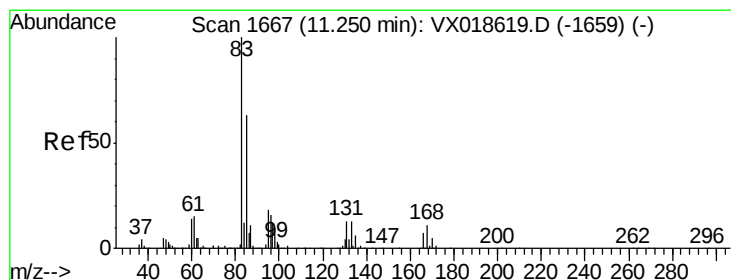
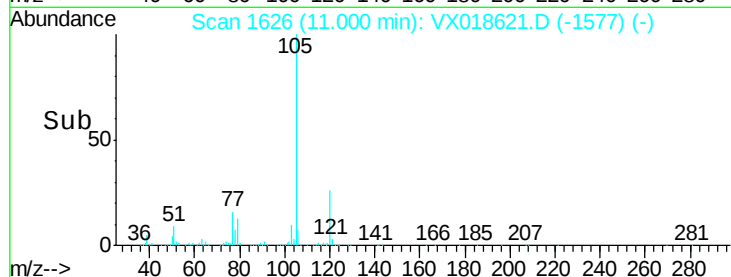
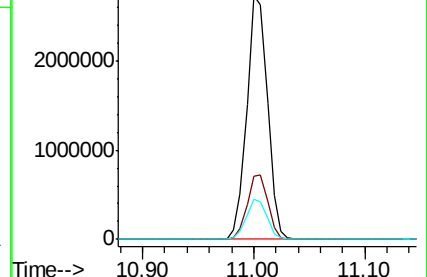
77 16.4 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 3.465 ug/L

RT: 11.20 min Scan# 1659

Delta R.T. -0.05 min

Lab File: VX018621.D

Acq: 28 Sep 2020 17:42

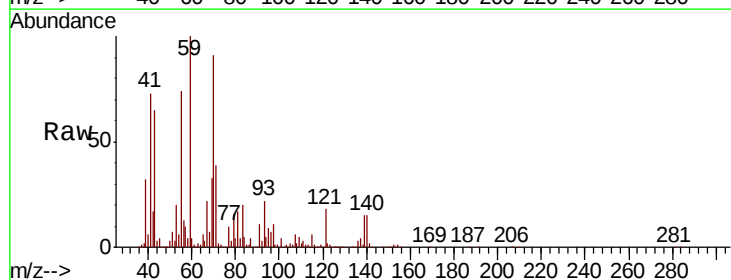
Tgt Ion: 83 Resp: 39191

Ion Ratio Lower Upper

83 100

85 7.3 48.5 90.1#

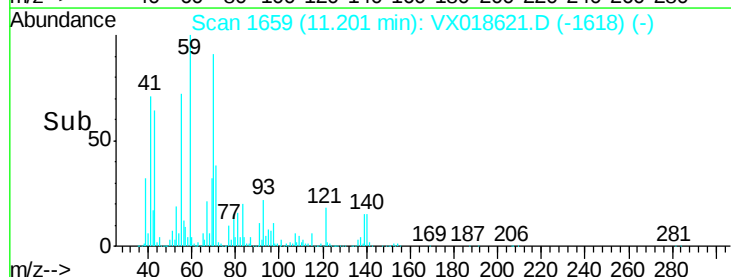
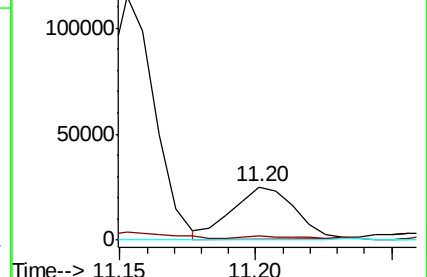
131 0.0 7.8 11.6#

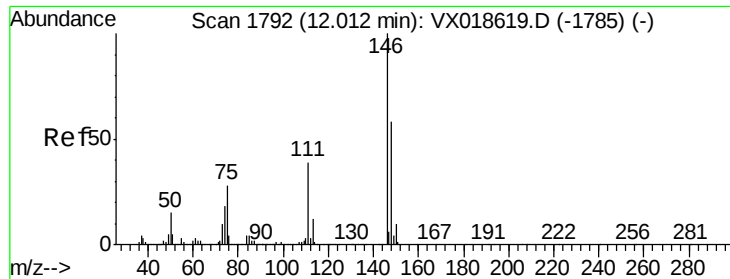


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

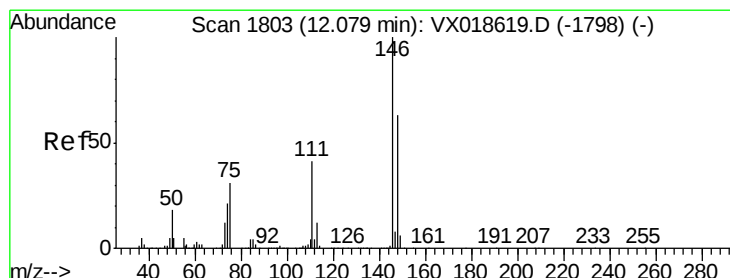
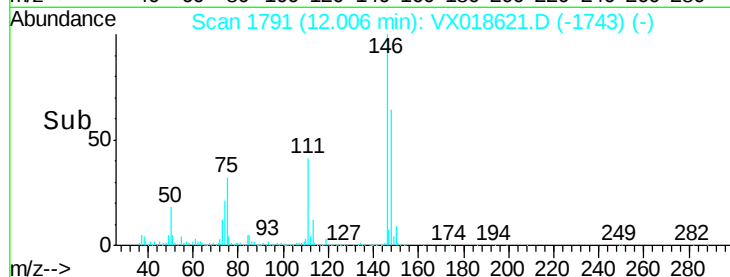
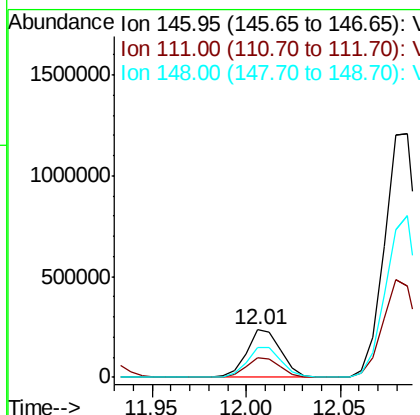
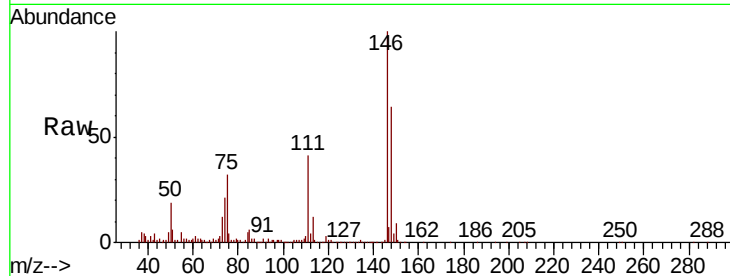




#63  
 1,3-Dichlorobenzene  
 Concen: 9.367 ug/L  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

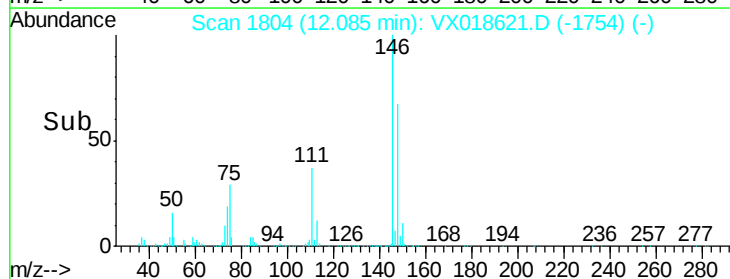
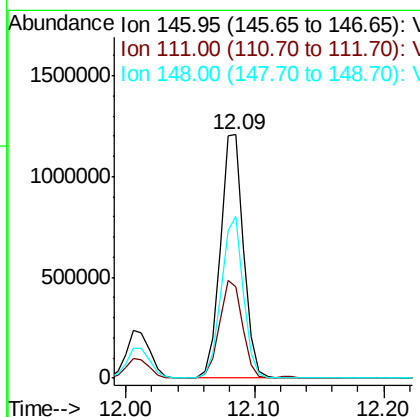
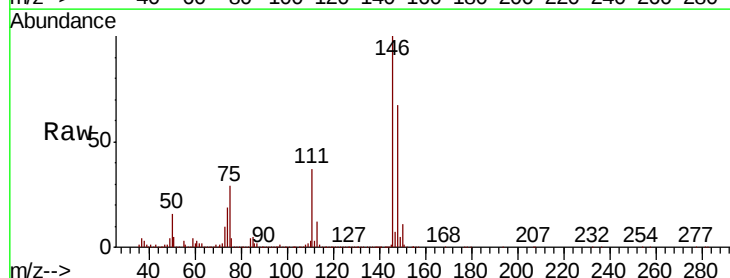
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0Q5

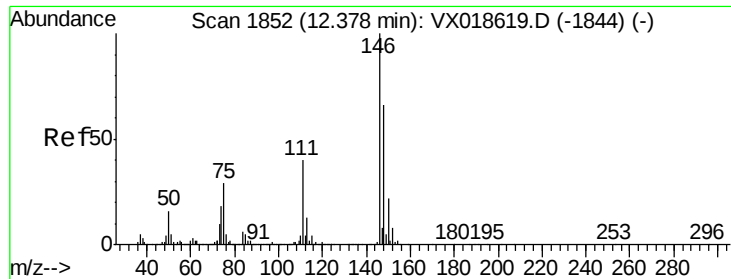
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 26.7  | 49.7  |
| 148     | 63.8  | 44.4  | 82.5  |



#64  
 1,4-Dichlorobenzene  
 Concen: 47.932 ug/L  
 RT: 12.09 min Scan# 1804  
 Delta R.T. 0.01 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 28.8  | 53.4  |
| 148     | 66.6  | 44.9  | 83.3  |

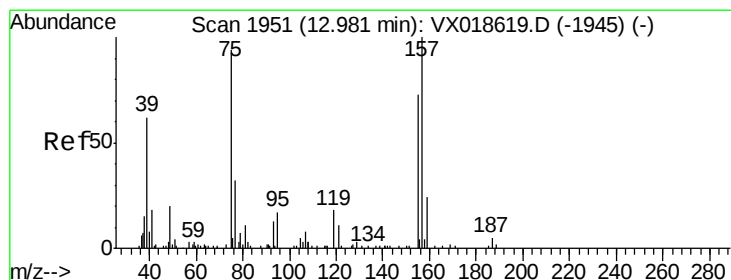
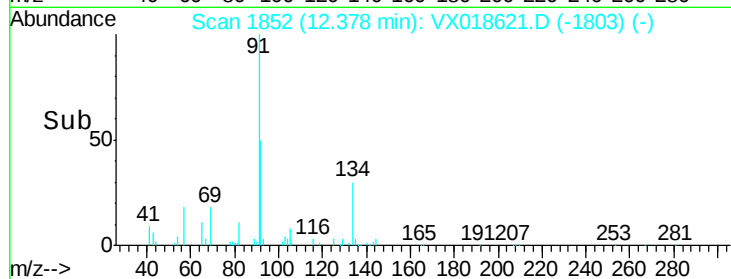
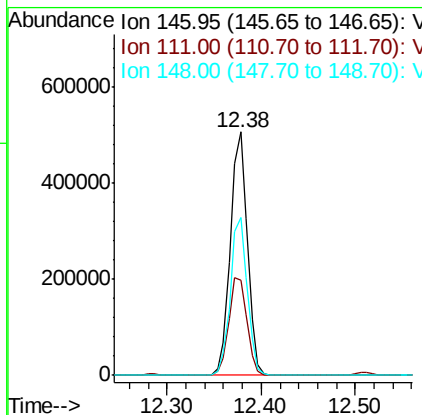
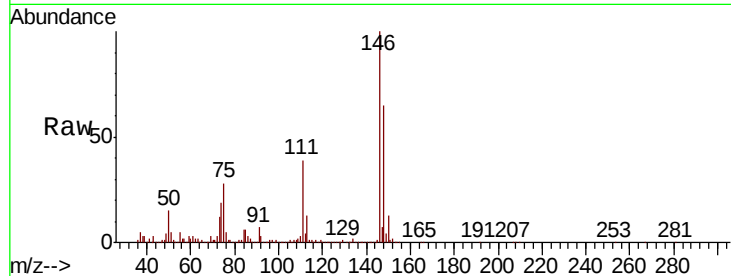




#66  
 1,2-Dichlorobenzene  
 Concen: 21.638 ug/L  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

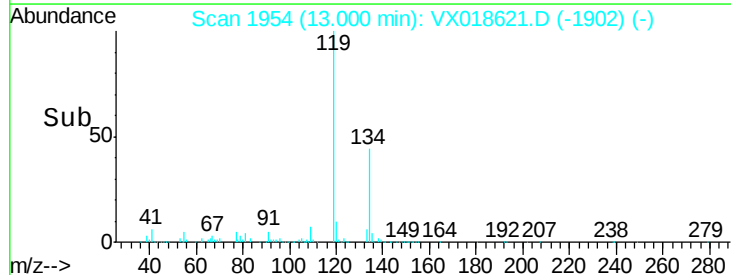
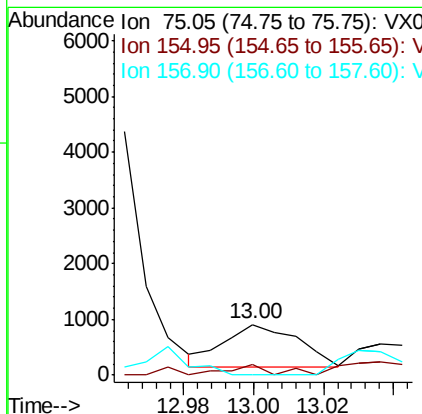
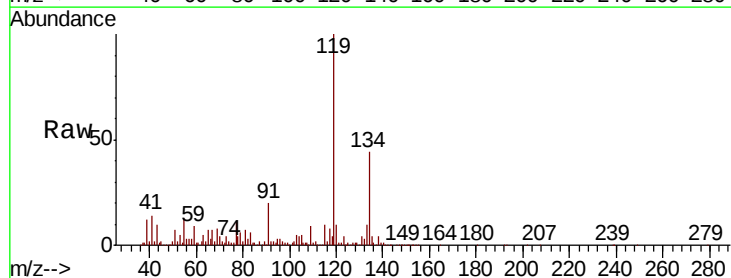
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0Q5

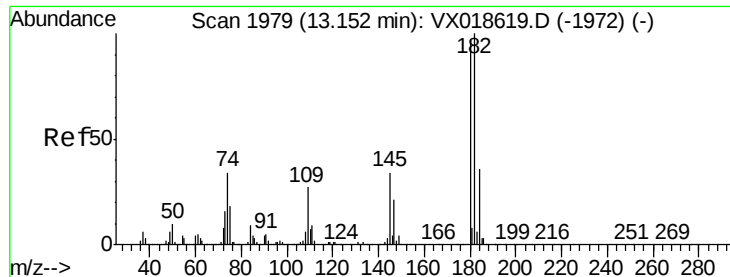
Tot Ion:146 Resp: 636737  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 33.6 50.4  
 148 64.7 53.4 80.2



#67  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.447 ug/L  
 RT: 13.00 min Scan# 1954  
 Delta R.T. 0.02 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

Tgt Ion: 75 Resp: 1118  
 Ion Ratio Lower Upper  
 75 100  
 155 21.4 54.6 81.8#  
 157 0.0 73.5 110.3#

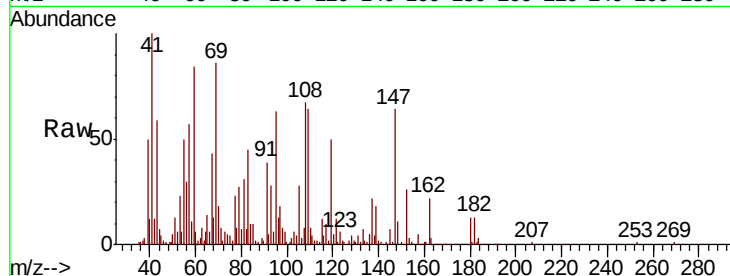




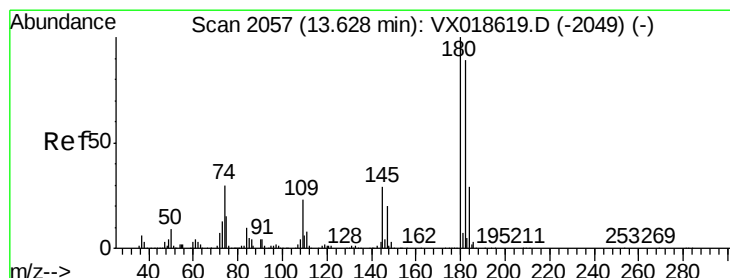
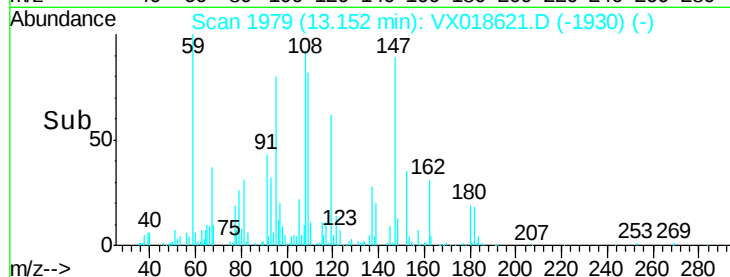
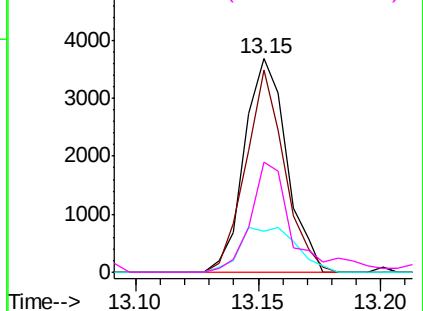
#68  
 1,3,5-Trichlorobenzene  
 Concen: 0.187 ug/L  
 RT: 13.15 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG0Q5

Tot Ion:180 Resp: 4424  
 Ion Ratio Lower Upper  
 180 100  
 182 86.7 72.4 108.6  
 184 28.2 25.3 37.9  
 145 52.6 25.6 38.4#

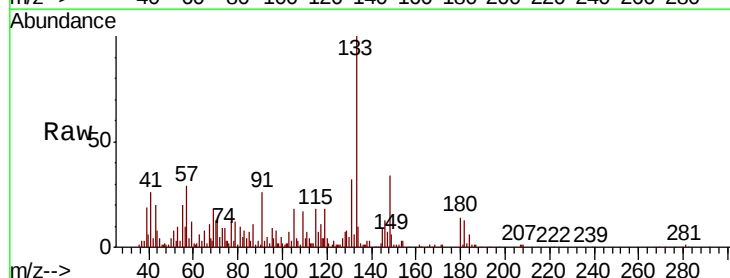


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 184.00 (183.70 to 184.70): V  
 Ion 145.00 (144.70 to 145.70): V

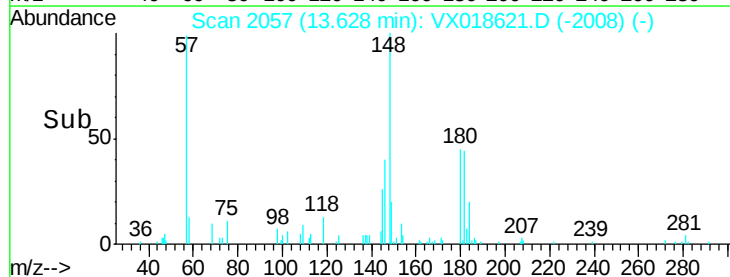
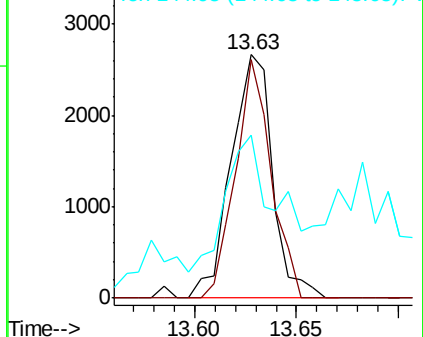


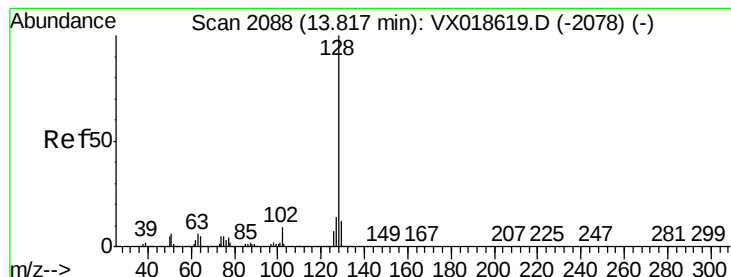
#69  
 1,2,4-trichlorobenzene  
 Concen: 0.192 ug/L  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018621.D  
 Acq: 28 Sep 2020 17:42

Tgt Ion:180 Resp: 3741  
 Ion Ratio Lower Upper  
 180 100  
 182 84.1 74.6 112.0  
 145 91.7 25.0 37.6#



Abundance Ion 179.90 (179.60 to 180.60): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 144.95 (144.65 to 145.65): V

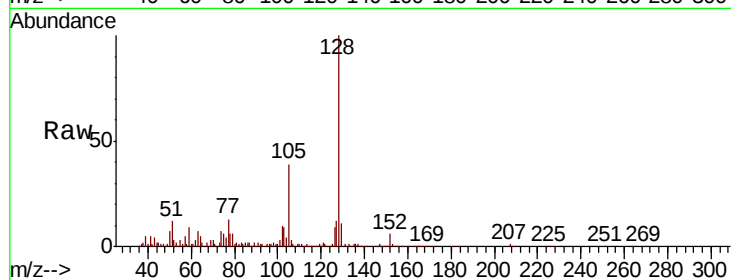




#70  
Naphthalene  
Concen: 3.133 ug/L  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018621.D  
Acq: 28 Sep 2020 17:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
BG0Q5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 14.2  | 8.8   | 13.2# |
| 127     | 15.0  | 10.7  | 16.1  |



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

