

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\  
 Data File : VX018764.D  
 Acq On : 05 Oct 2020 14:26  
 Operator : JC/SP  
 Sample : L4239-02DL 40X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3N0DL

Quant Time: Oct 06 01:44:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 06 01:36:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 165295   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 156341   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 79300    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 41514    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.00%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 35278    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 70050    | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40%  |
| 20) 2-Butanone-d5              | 4.55   | 46    | 136472   | 53.88    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.76% |
| 24) Chloroform-d               | 5.14   | 84    | 97835    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.80%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 55259    | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.40%  |
| 32) Benzene-d6                 | 6.04   | 84    | 188164   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 56472    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 8.70   | 98    | 169308   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 25561    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.60%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 110685   | 54.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.30% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 45440    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.40%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 74953    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

## Target Compounds

| Target Compounds             | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|------------------------------|-------|------|----------|---------|--------|--------|
| 12) 1,1-Dichloroethene       | 2.36  | 96   | 3835     | 0.466   | ug/L # | 1      |
| 14) Carbon disulfide         | 2.54  | 76   | 1591     | 0.062   | ug/L # | 74     |
| 15) Methyl Acetate           | 2.82  | 43   | 49452    | 14.551  | ug/L # | 48     |
| 16) Methylene chloride       | 2.83  | 84   | 5856     | 0.587   | ug/L # | 76     |
| 18) trans-1,2-Dichloroethene | 3.14  | 96   | 945      | 0.107   | ug/L   | 97     |
| 19) 1,1-Dichloroethane       | 3.67  | 63   | 28529    | 1.820   | ug/L   | 97     |
| 21) 2-Butanone               | 4.65  | 43   | 1885     | 0.936   | ug/L   | 99     |
| 22) cis-1,2-Dichloroethene   | 4.56  | 96   | 212189   | 23.337  | ug/L # | 96     |
| 29) 1,1,1-Trichloroethane    | 5.46  | 97   | 511404   | 27.651  | ug/L   | 100    |
| 30) Cyclohexane              | 5.55  | 56   | 79654    | 6.210   | ug/L   | 98     |
| 34) Trichloroethene          | 7.18  | 95   | 8922     | 0.923   | ug/L   | 97     |
| 35) Methylcyclohexane        | 7.37  | 83   | 14240    | 1.040   | ug/L # | 20     |
| 37) 1,2-Dichloropropane      | 7.37  | 63   | 7184     | 0.876   | ug/L # | 84     |
| 42) Toluene                  | 8.76  | 91   | 4742724  | 132.387 | ug/L   | 97     |
| 43) 1,3,5-Trimethylbenzene   | 11.49 | 105  | 394155   | 11.625  | ug/L   | 98     |
| 44) 1,2,4-Trimethylbenzene   | 11.79 | 105  | 1378060  | 40.043  | ug/L   | 97     |
| 53) Chlorobenzene            | 10.12 | 112  | 9385     | 0.383   | ug/L   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\  
 Data File : VX018764.D  
 Acq On : 05 Oct 2020 14:26  
 Operator : JC/SP  
 Sample : L4239-02DL 40X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3N0DL

Quant Time: Oct 06 01:44:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 06 01:36:50 2020  
 Response via : Initial Calibration

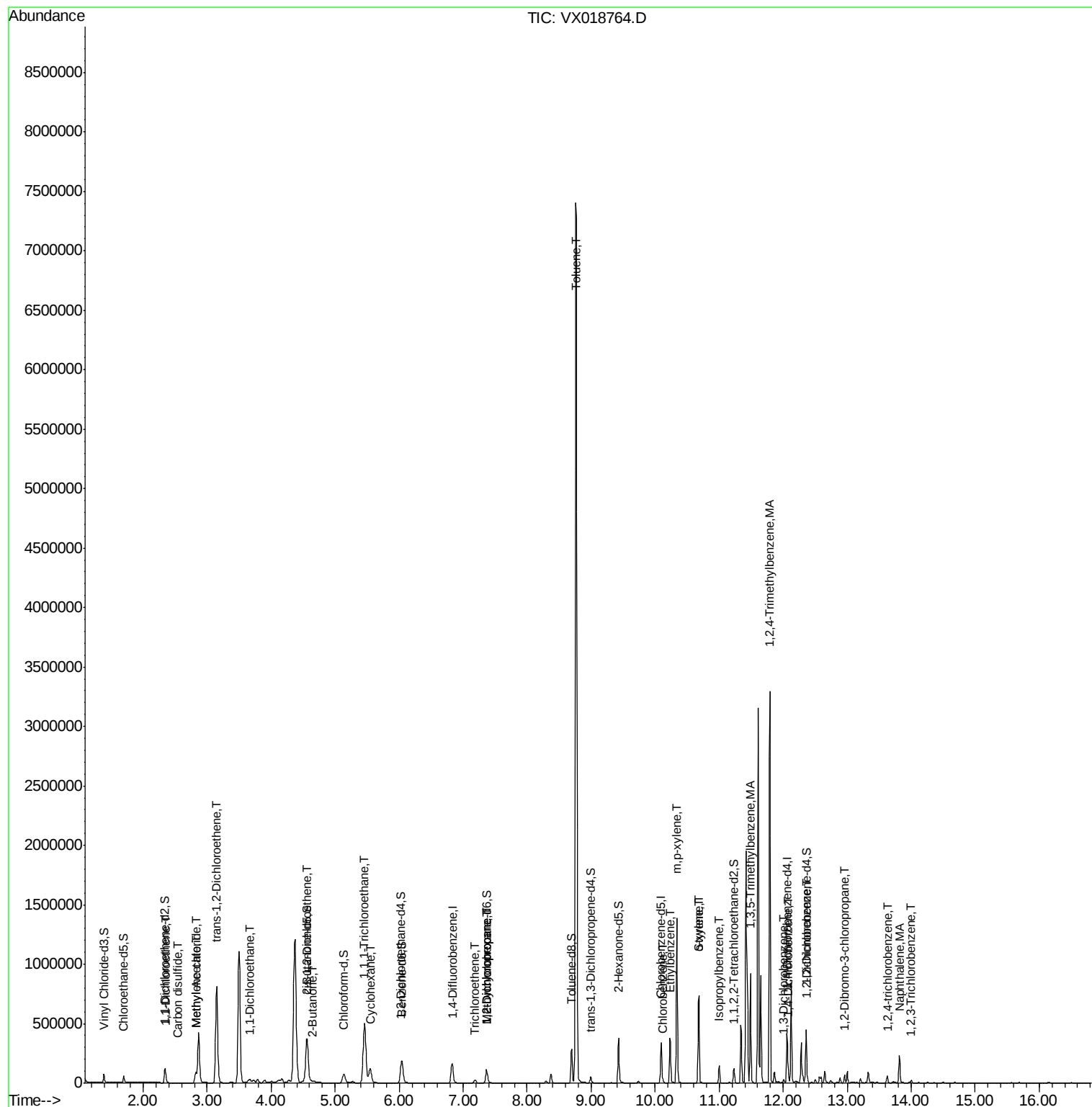
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 54) Ethylbenzene               | 10.23 | 91   | 214042   | 5.330  | ug/L   | 99       |
| 55) m,p-xylene                 | 10.34 | 106  | 320323   | 20.449 | ug/L   | 91       |
| 56) o-xylene                   | 10.68 | 106  | 160377   | 11.079 | ug/L   | 91       |
| 57) Styrene                    | 10.68 | 104  | 8066     | 0.327  | ug/L # | 1        |
| 58) Isopropylbenzene           | 11.00 | 105  | 74772    | 1.845  | ug/L   | 98       |
| 63) 1,3-Dichlorobenzene        | 12.01 | 146  | 3837     | 0.199  | ug/L   | 91       |
| 64) 1,4-Dichlorobenzene        | 12.08 | 146  | 20137    | 1.048  | ug/L   | 97       |
| 66) 1,2-Dichlorobenzene        | 12.37 | 146  | 10415    | 0.579  | ug/L # | 91       |
| 67) 1,2-Dibromo-3-chloropropan | 12.96 | 75   | 381      | 0.248  | ug/L # | 7        |
| 69) 1,2,4-trichlorobenzene     | 13.63 | 180  | 12361    | 1.004  | ug/L   | 96       |
| 70) Naphthalene                | 13.82 | 128  | 137541   | 6.832  | ug/L   | 99       |
| 71) 1,2,3-Trichlorobenzene     | 14.00 | 180  | 4626     | 0.417  | ug/L   | 96       |
| -----                          |       |      |          |        |        |          |

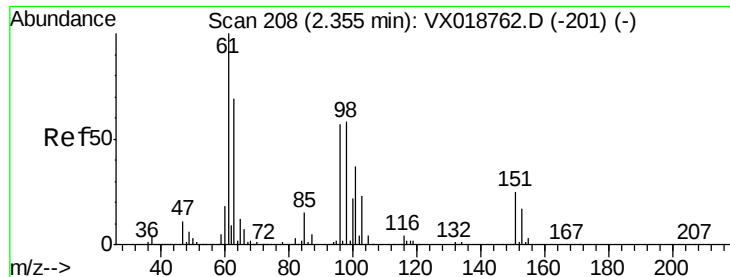
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\  
Data File : VX018764.D  
Acq On : 05 Oct 2020 14:26  
Operator : JC/SP  
Sample : L4239-02DL 40X  
Misc : 25.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BG3N0DL

Quant Time: Oct 06 01:44:31 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Oct 06 01:36:50 2020  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.466 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampleId :

BG3N0DL

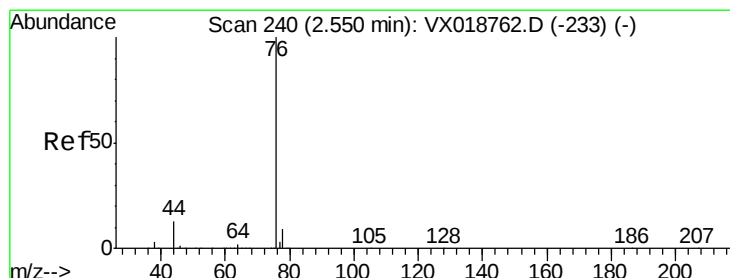
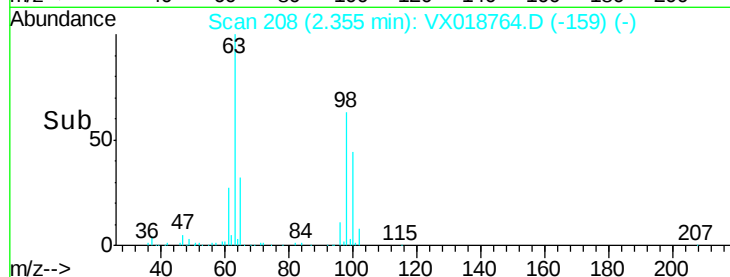
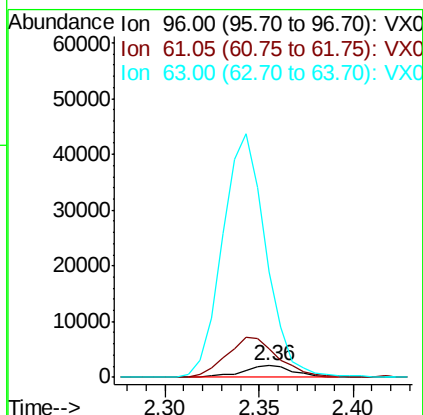
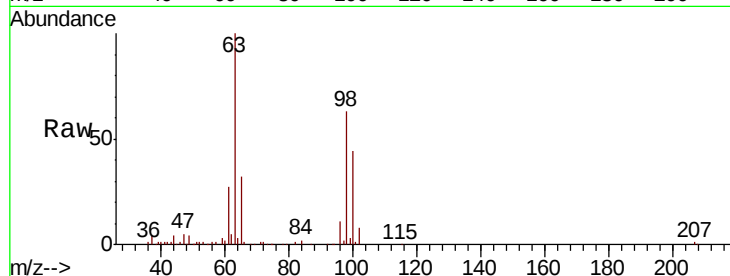
Tot Ion: 96 Resp: 3835

Ion Ratio Lower Upper

96 100

61 245.8 133.2 247.4

63 909.6 115.1 213.7#



#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018764.D

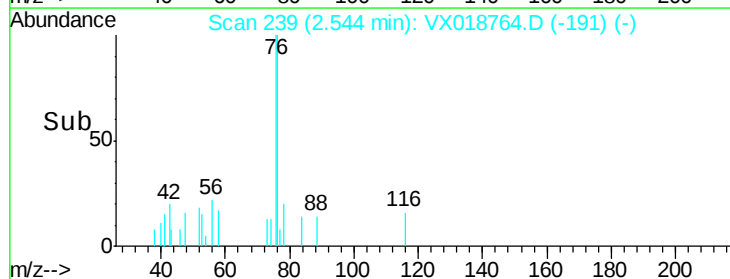
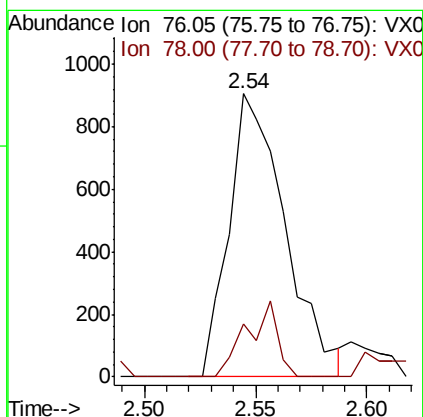
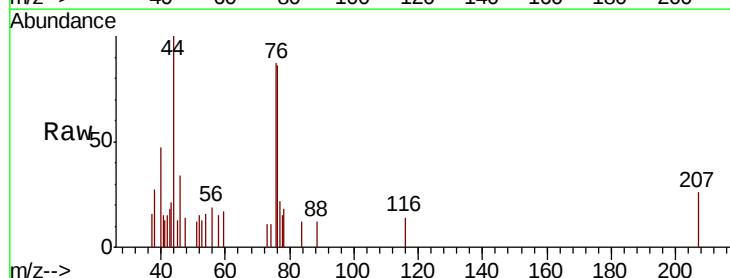
Acq: 05 Oct 2020 14:26

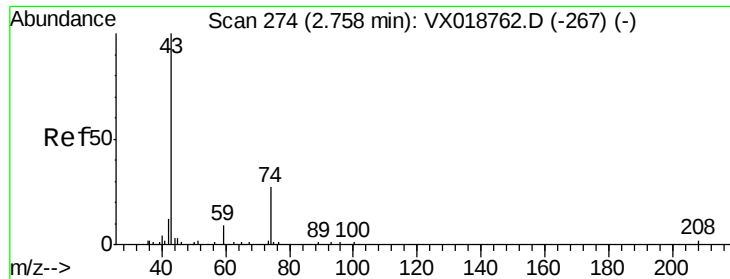
Tgt Ion: 76 Resp: 1591

Ion Ratio Lower Upper

76 100

78 18.8 7.4 11.2#

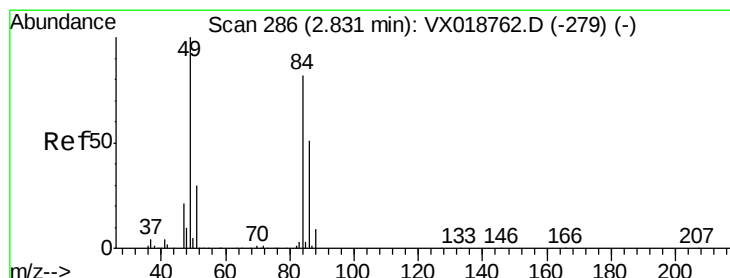
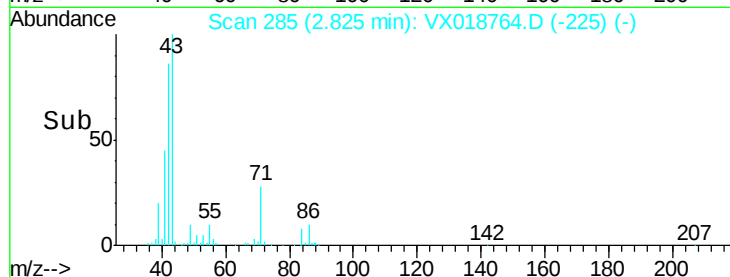
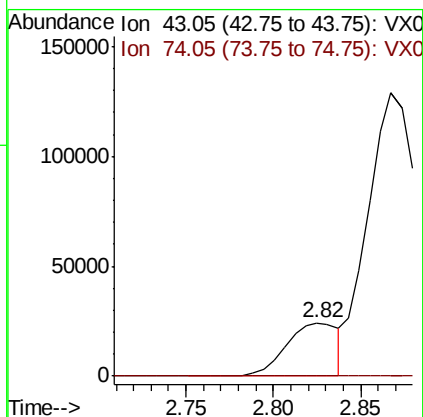
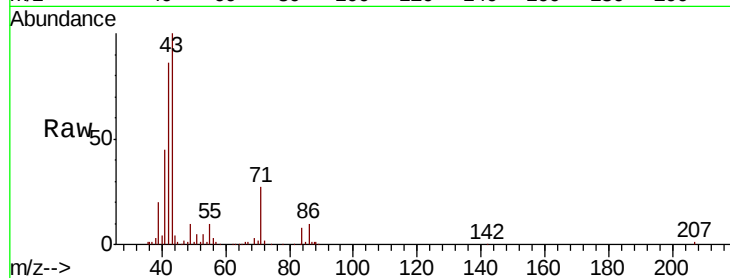




#15  
Methyl Acetate  
Concen: 14.551 ug/L  
RT: 2.82 min Scan# 285  
Delta R.T. 0.07 min  
Lab File: VX018764.D  
Acq: 05 Oct 2020 14:26

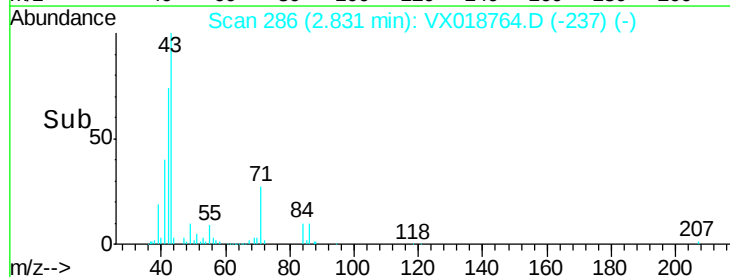
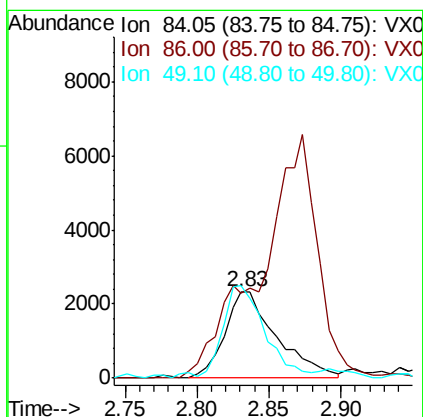
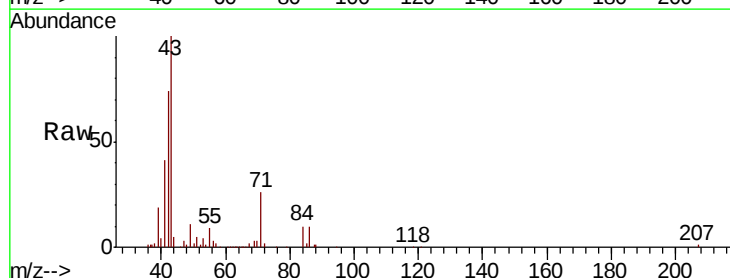
Instrument :  
MSVOA\_X  
ClientSampled :  
BG3N0DL

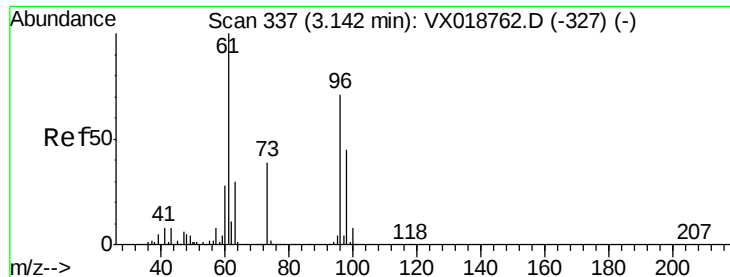
Tot Ion: 43 Resp: 49452  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.9 32.9#



#16  
Methylene chloride  
Concen: 0.587 ug/L  
RT: 2.83 min Scan# 286  
Delta R.T. 0.00 min  
Lab File: VX018764.D  
Acq: 05 Oct 2020 14:26

Tgt Ion: 84 Resp: 5856  
Ion Ratio Lower Upper  
84 100  
86 98.6 45.6 84.8#  
49 107.1 85.8 159.3

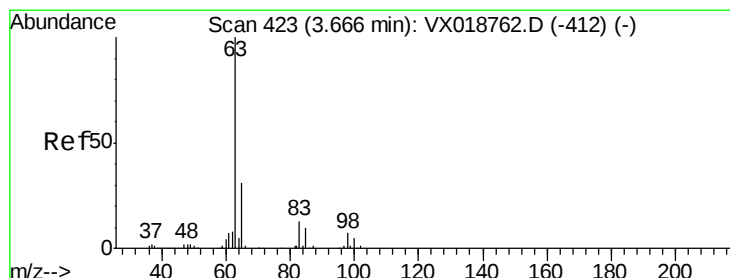
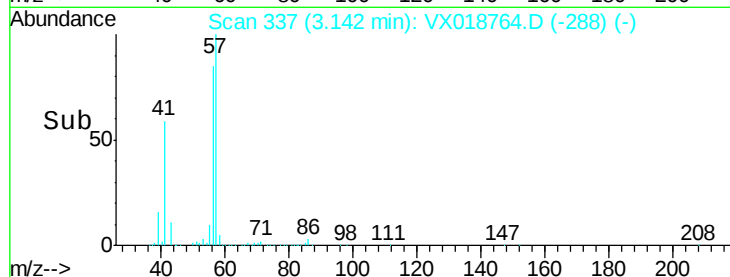
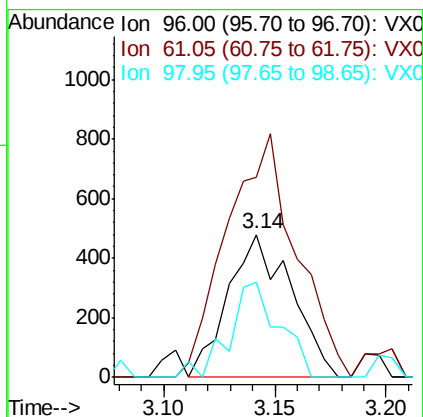
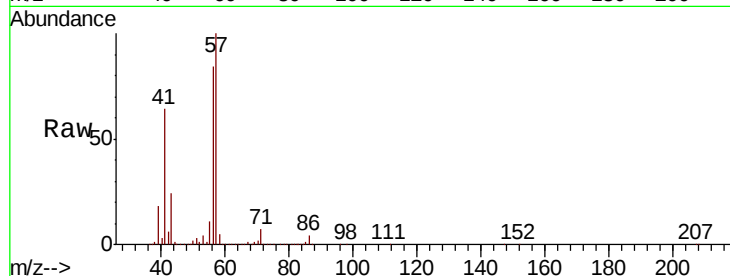




#18  
trans-1,2-Dichloroethene  
Concen: 0.107 ug/L  
RT: 3.14 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VX018764.D  
Acq: 05 Oct 2020 14:26

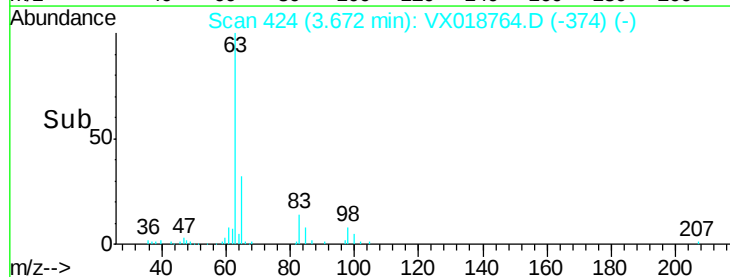
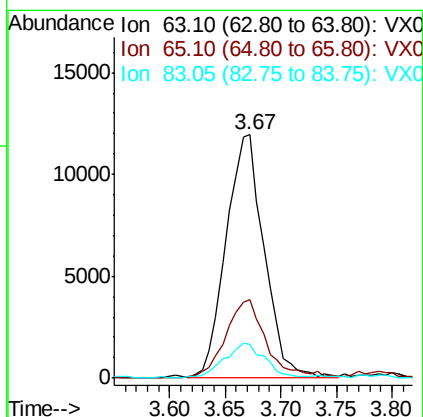
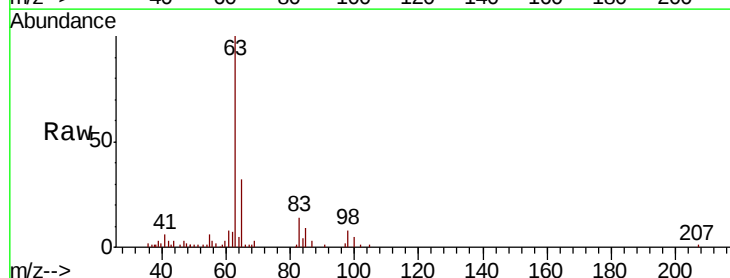
Instrument :  
MSVOA\_X  
ClientSampled :  
BG3N0DL

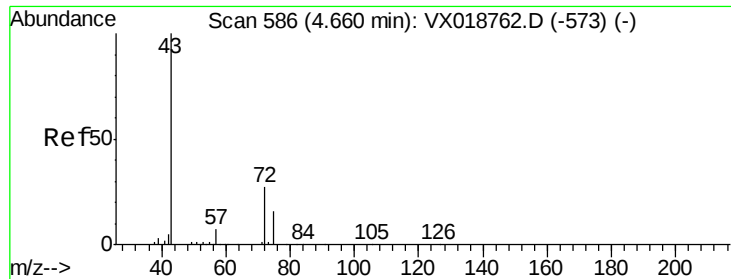
Tot Ion: 96 Resp: 945  
Ion Ratio Lower Upper  
96 100  
61 140.5 97.6 181.4  
98 66.6 43.1 80.1



#19  
1,1-Dichloroethane  
Concen: 1.820 ug/L  
RT: 3.67 min Scan# 424  
Delta R.T. 0.01 min  
Lab File: VX018764.D  
Acq: 05 Oct 2020 14:26

Tgt Ion: 63 Resp: 28529  
Ion Ratio Lower Upper  
63 100  
65 32.2 21.6 40.2  
83 13.9 8.7 16.1





#21

2-Butanone

Concen: 0.936 ug/L

RT: 4.65 min Scan# 585

Delta R.T. -0.01 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampled :

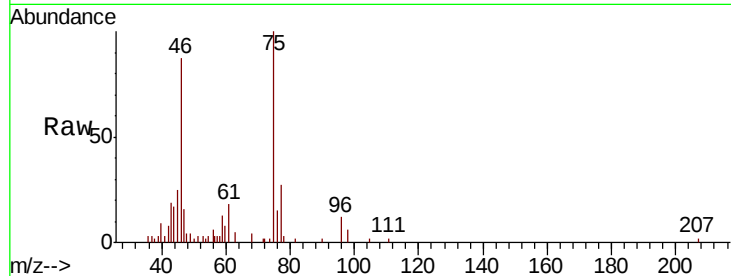
BG3N0DL

Tot Ion: 43 Resp: 1885

Ion Ratio Lower Upper

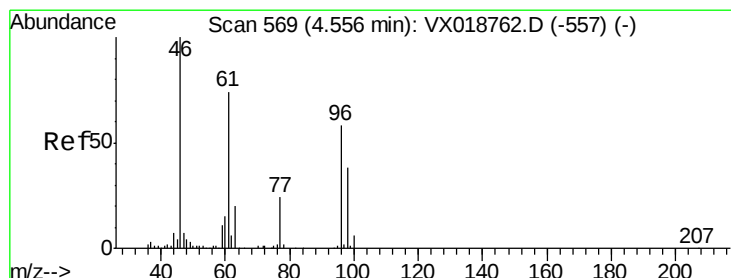
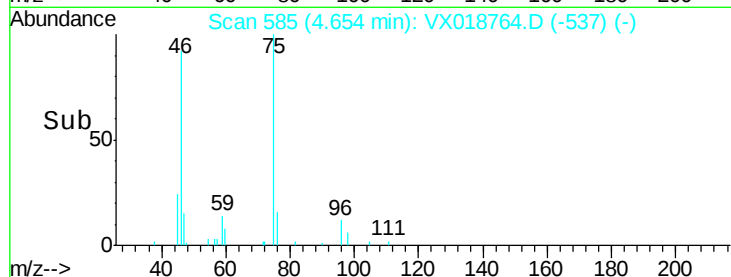
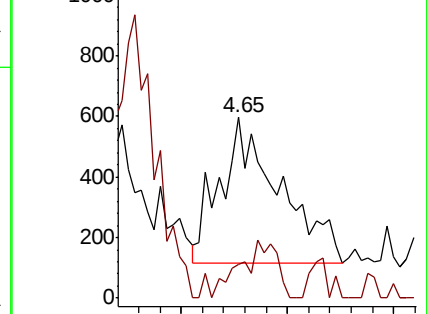
43 100

72 24.4 12.4 37.2



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: 23.337 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

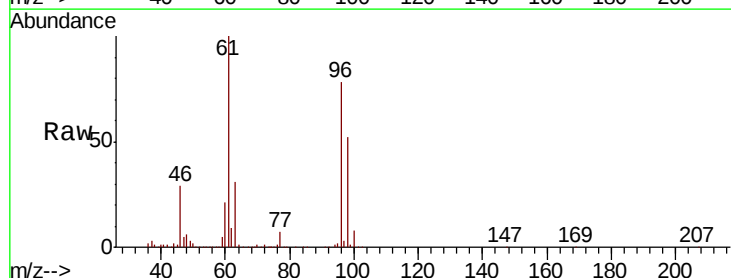
Tgt Ion: 96 Resp: 212189

Ion Ratio Lower Upper

96 100

61 127.7 86.2 160.0

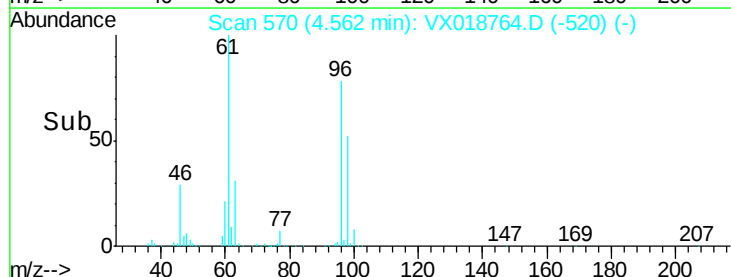
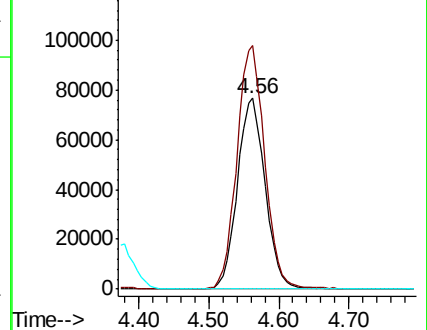
68 0.1 0.3 0.7#

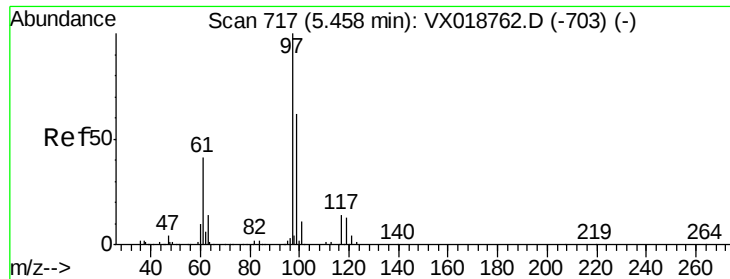


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0

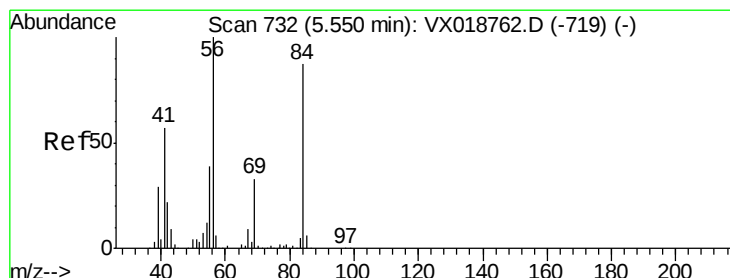
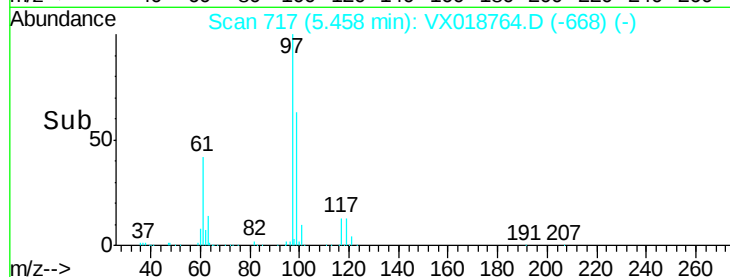
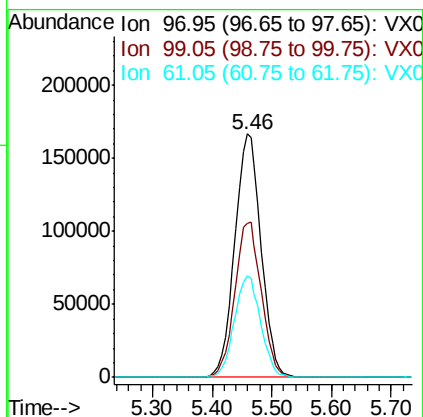
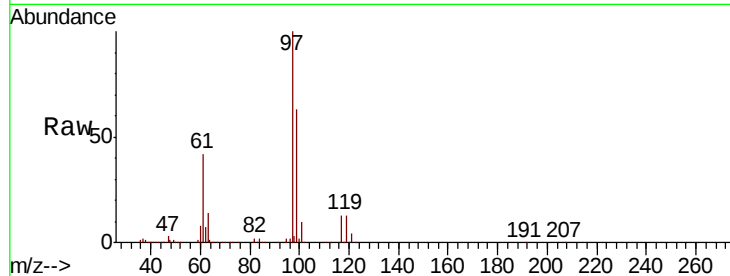




#29  
 1,1,1-Trichloroethane  
 Concen: 27.651 ug/L  
 RT: 5.46 min Scan# 717  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

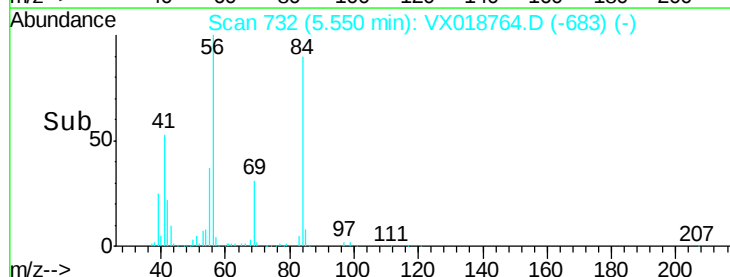
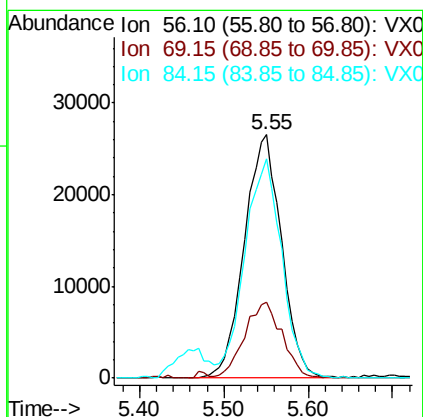
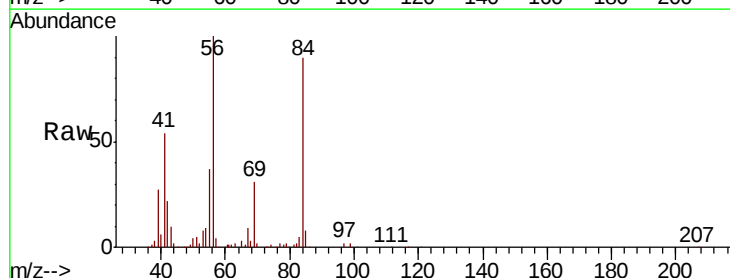
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3N0DL

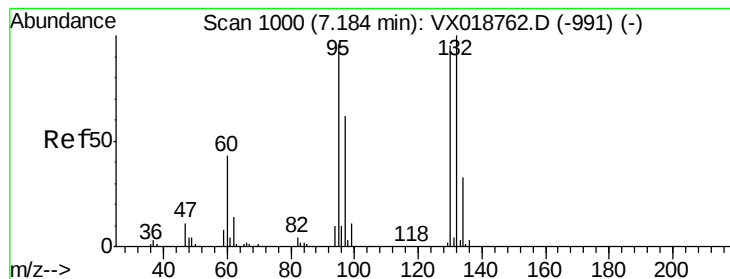
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.0  | 51.3  | 76.9  |
| 61      | 41.5  | 33.3  | 49.9  |



#30  
 Cyclohexane  
 Concen: 6.210 ug/L  
 RT: 5.55 min Scan# 732  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.3  | 26.0  | 39.0  |
| 84      | 89.8  | 73.8  | 110.6 |





#34

Trichloroethene

Concen: 0.923 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampleId :

BG3N0DL

Tot Ion: 95 Resp: 8922

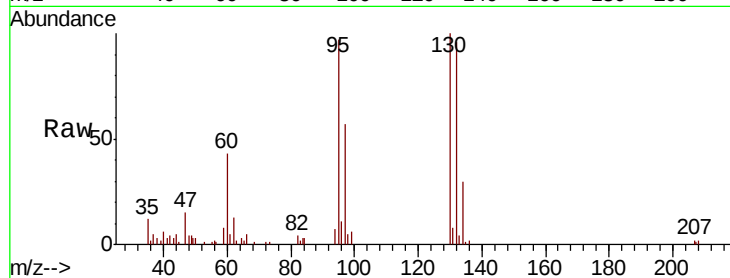
Ion Ratio Lower Upper

95 100

97 58.5 45.3 84.1

132 98.6 68.6 127.4

130 102.9 74.5 138.3

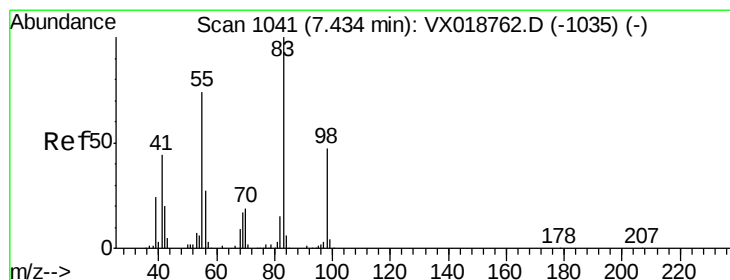
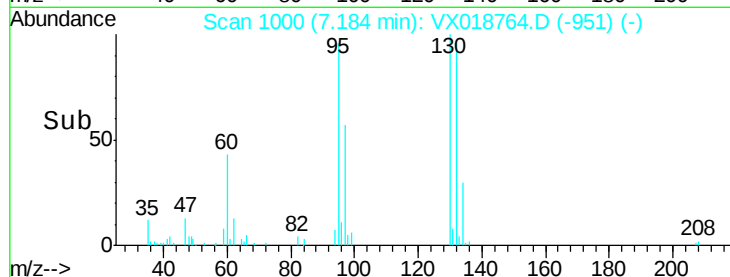
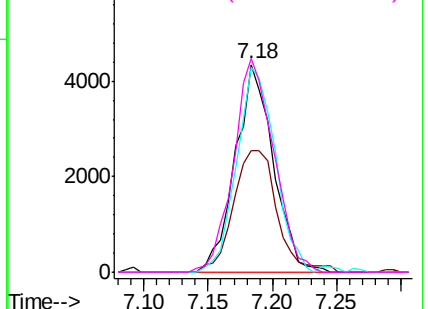


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.040 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

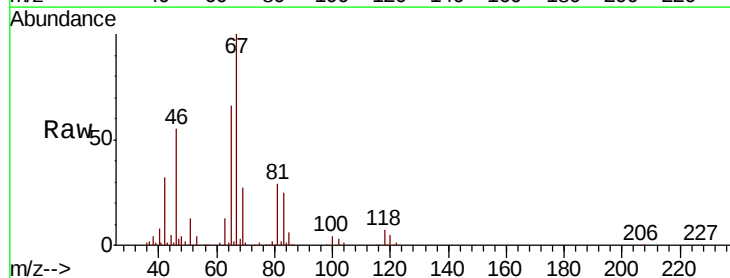
Tgt Ion: 83 Resp: 14240

Ion Ratio Lower Upper

83 100

55 1.2 60.3 90.5#

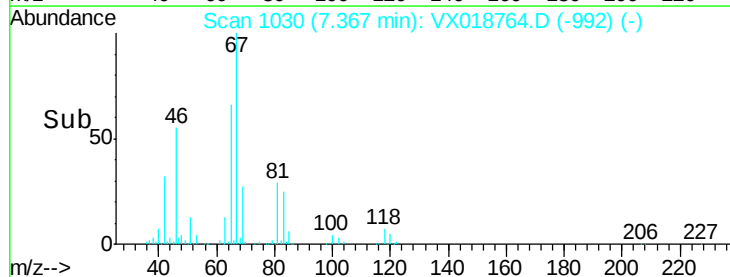
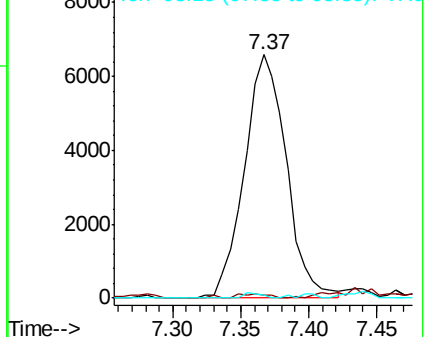
98 0.9 39.4 59.0#

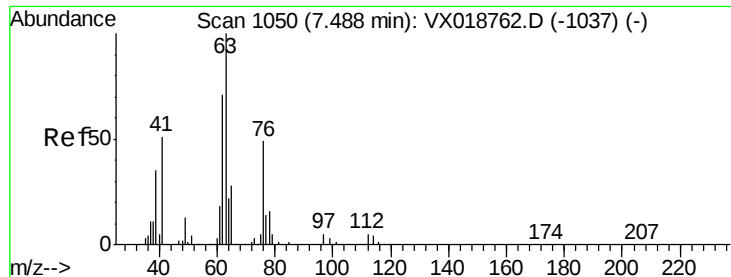


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 0.876 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampleId :

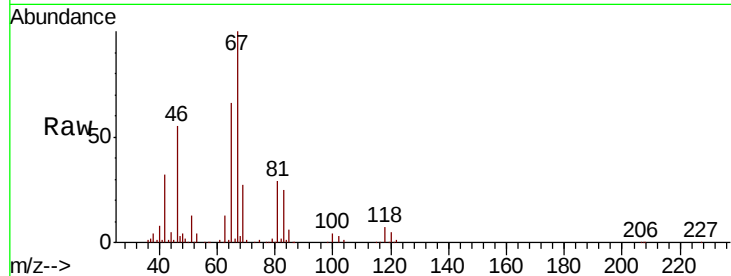
BG3N0DL

Tot Ion: 63 Resp: 7184

Ion Ratio Lower Upper

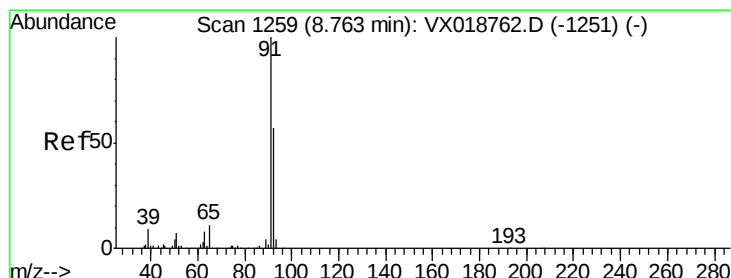
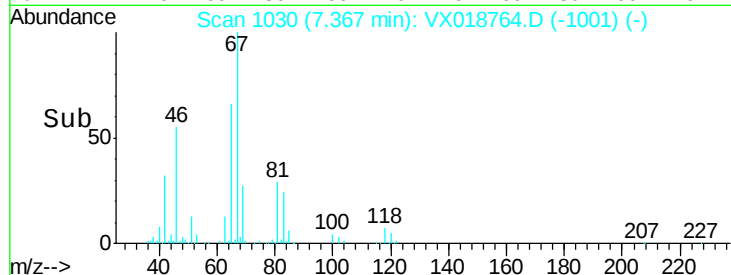
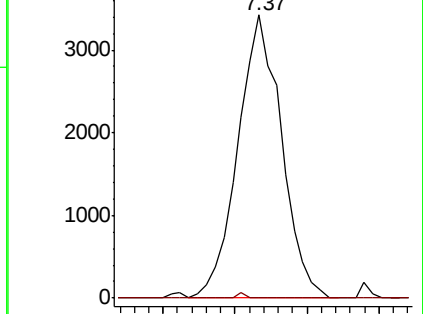
63 100

112 0.4 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#42

Toluene

Concen: 132.387 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018764.D

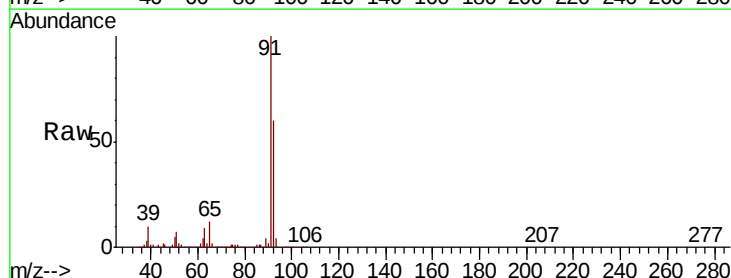
Acq: 05 Oct 2020 14:26

Tgt Ion: 91 Resp: 4742724

Ion Ratio Lower Upper

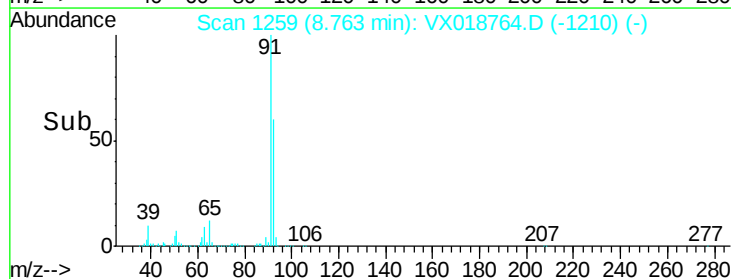
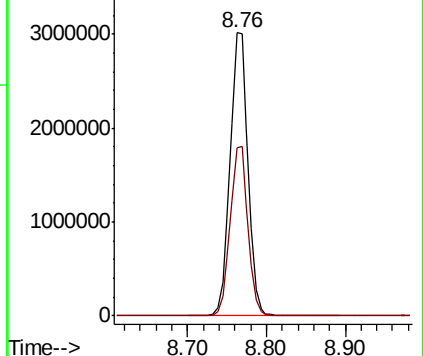
91 100

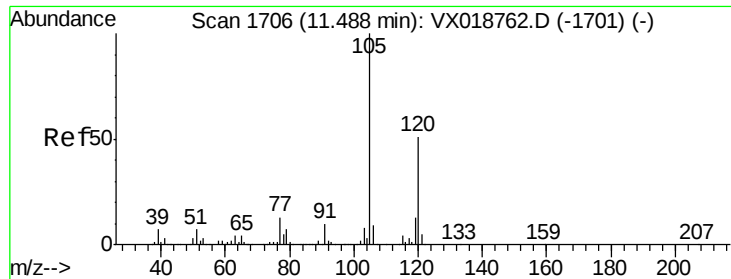
92 59.6 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

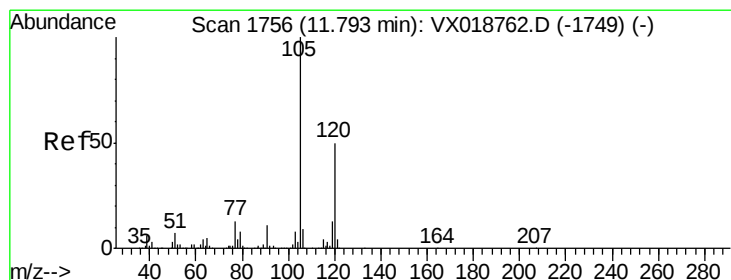
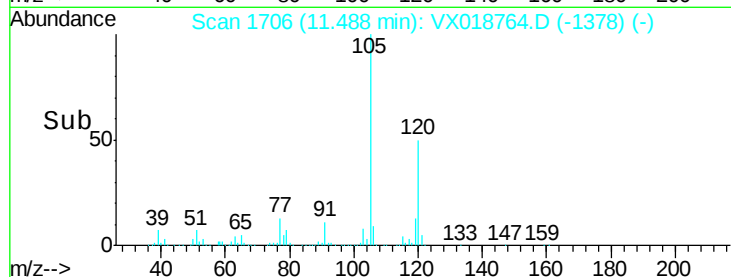
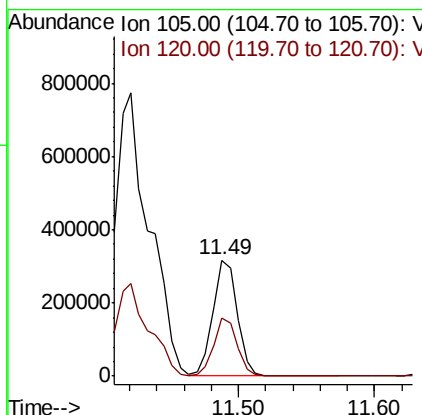
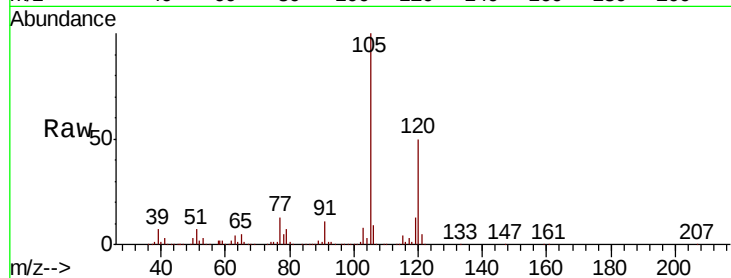




#43  
 1,3,5-Trimethylbenzene  
 Concen: 11.625 ug/L  
 RT: 11.49 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

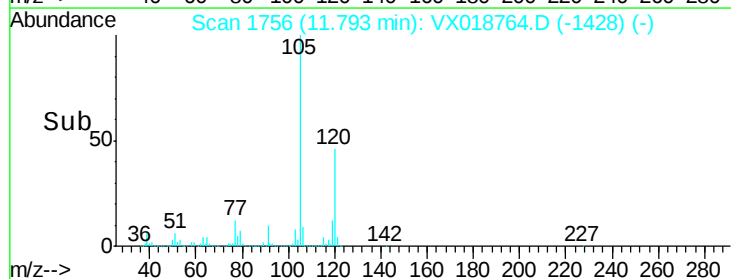
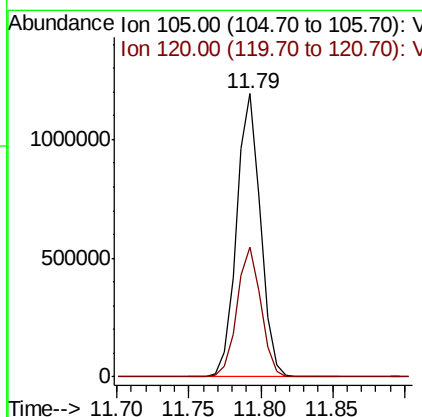
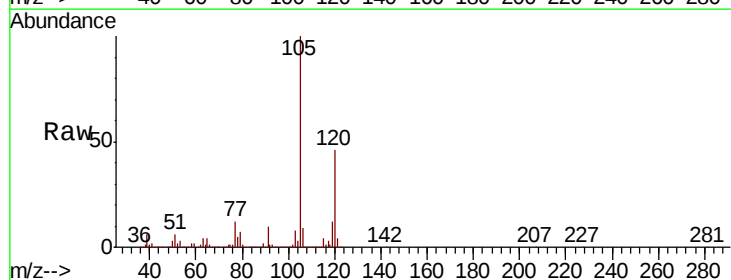
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG3N0DL

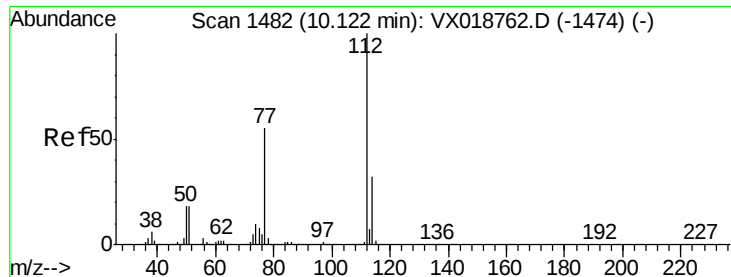
Tot Ion:105 Resp: 394155  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 37.7 56.5



#44  
 1,2,4-Trimethylbenzene  
 Concen: 40.043 ug/L  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

Tgt Ion:105 Resp: 1378060  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 35.1 52.7





#53

Chlorobenzene

Concen: 0.383 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampleId :

BG3N0DL

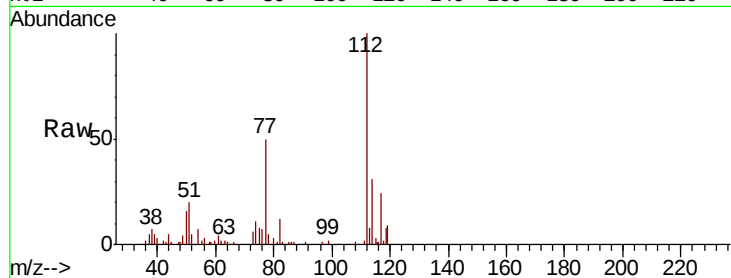
Tot Ion:112 Resp: 9385

Ion Ratio Lower Upper

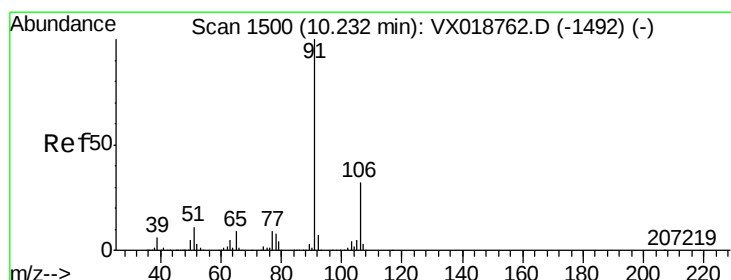
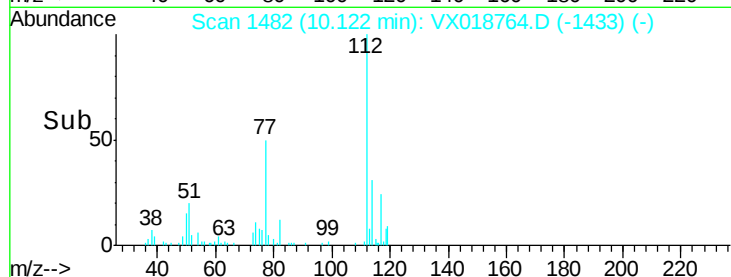
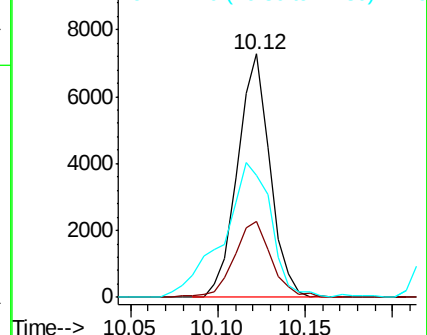
112 100

114 31.0 21.3 39.5

77 49.9 42.4 63.6



Abundance Ion 112.10 (111.80 to 112.80): V  
Ion 114.05 (113.75 to 114.75): V  
Ion 77.10 (76.80 to 77.80): V



#54

Ethylbenzene

Concen: 5.330 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018764.D

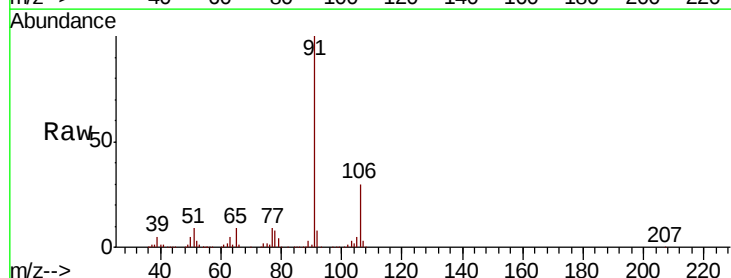
Acq: 05 Oct 2020 14:26

Tgt Ion: 91 Resp: 214042

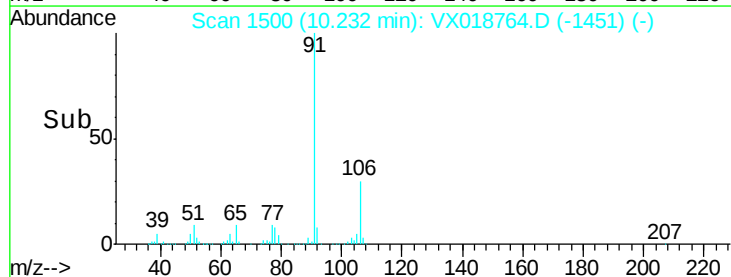
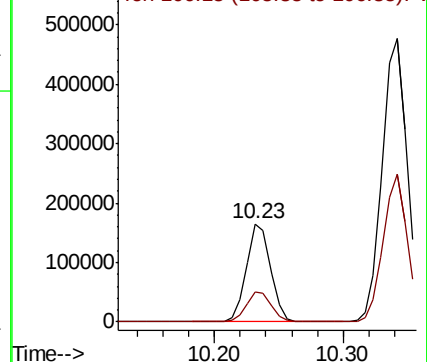
Ion Ratio Lower Upper

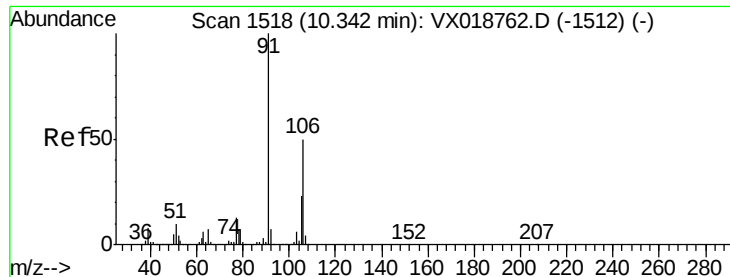
91 100

106 30.0 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0  
Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 20.449 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampleId :

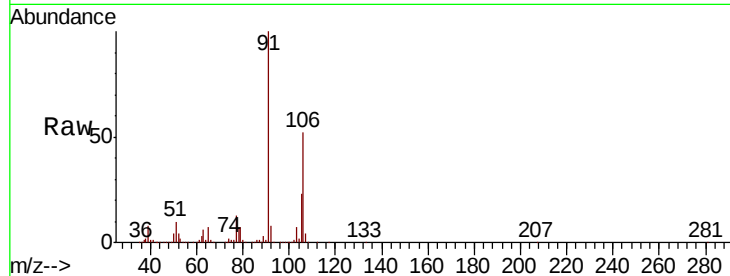
BG3N0DL

Tot Ion:106 Resp: 320323

Ion Ratio Lower Upper

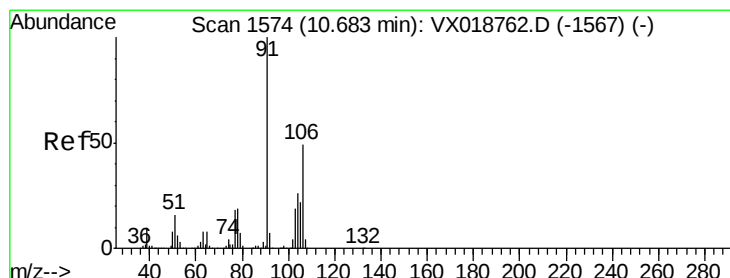
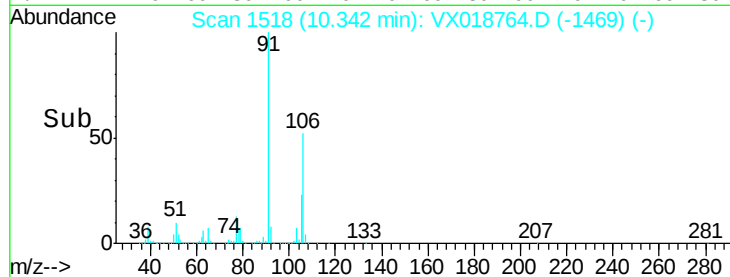
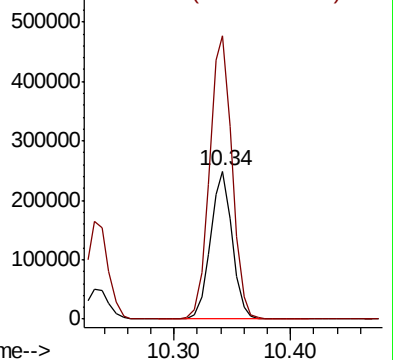
106 100

91 191.5 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 11.079 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018764.D

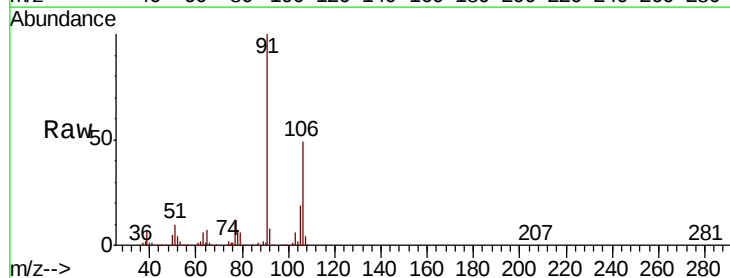
Acq: 05 Oct 2020 14:26

Tgt Ion:106 Resp: 160377

Ion Ratio Lower Upper

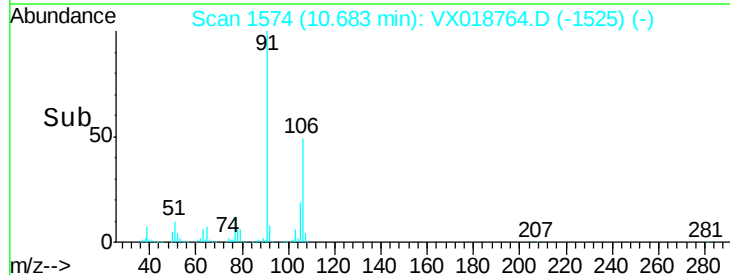
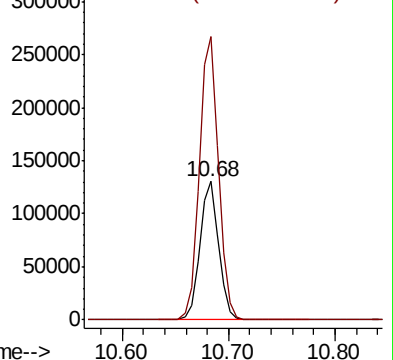
106 100

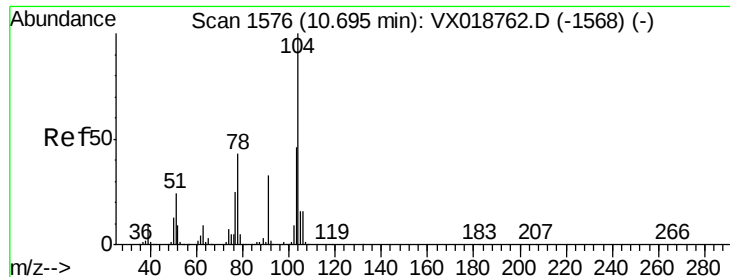
91 204.8 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#57

Stvrene

Concen: 0.327 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

Instrument :

MSVOA\_X

ClientSampled :

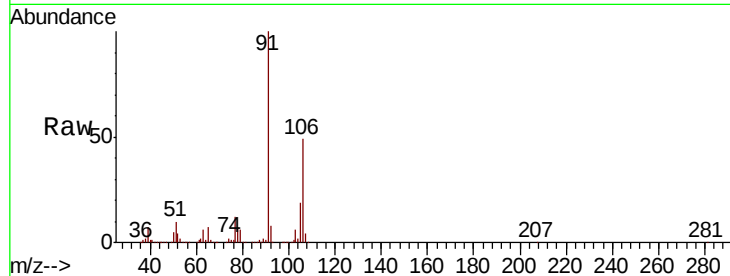
BG3N0DL

Tot Ion:104 Resp: 8066

Ion Ratio Lower Upper

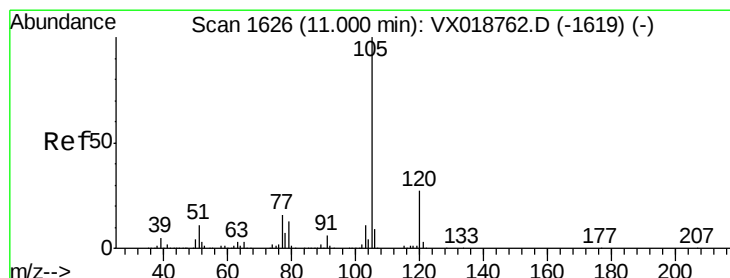
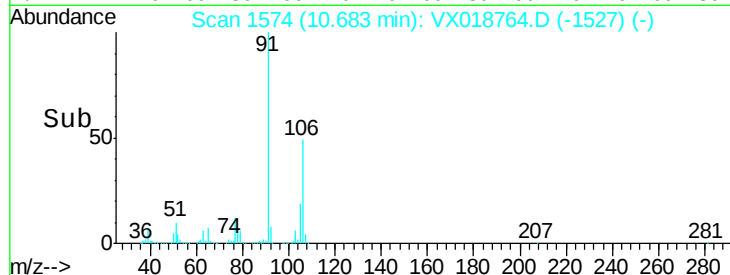
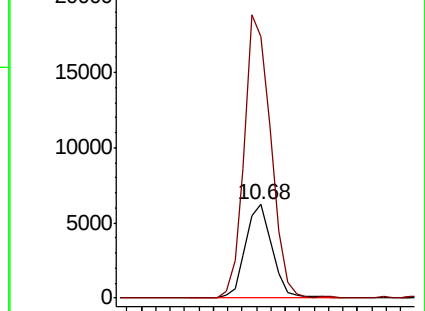
104 100

78 279.1 37.1 68.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0



#58

Isopropylbenzene

Concen: 1.845 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018764.D

Acq: 05 Oct 2020 14:26

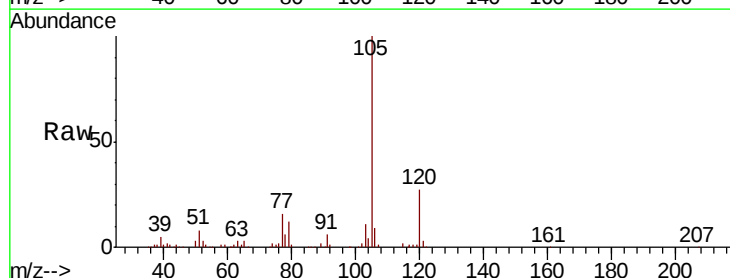
Tgt Ion:105 Resp: 74772

Ion Ratio Lower Upper

105 100

120 26.2 20.2 30.2

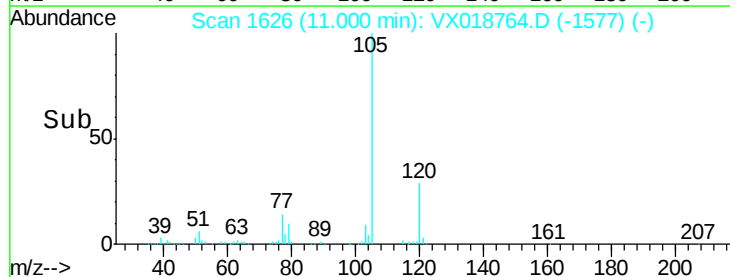
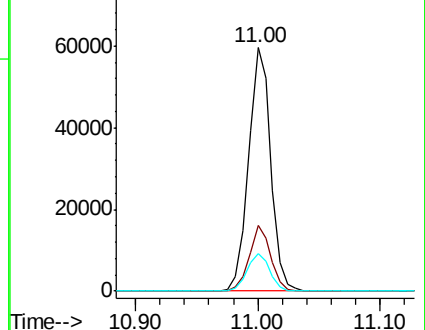
77 16.0 13.3 19.9

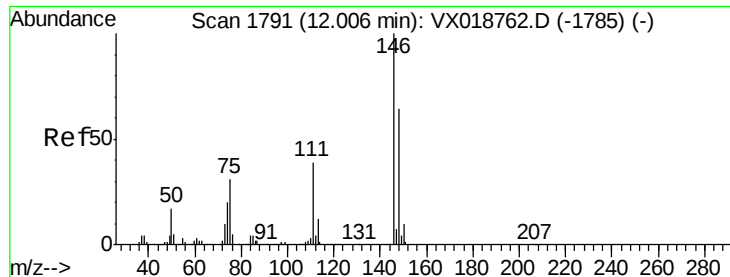


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0

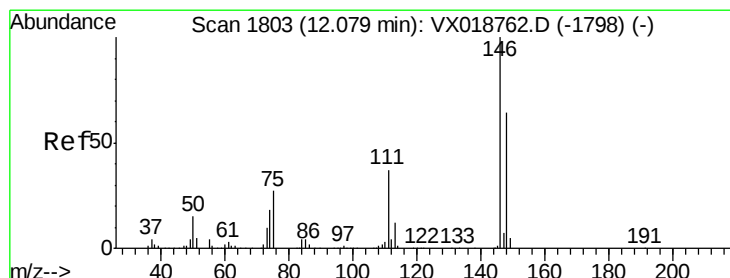
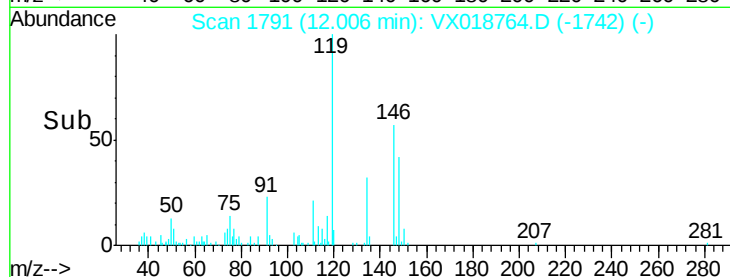
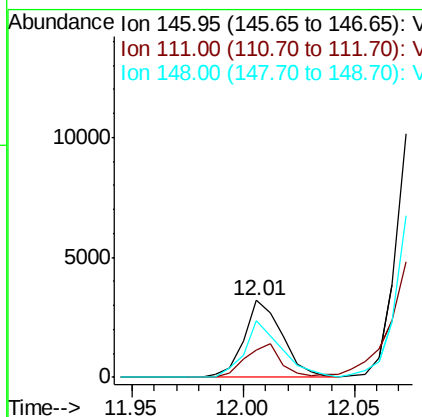
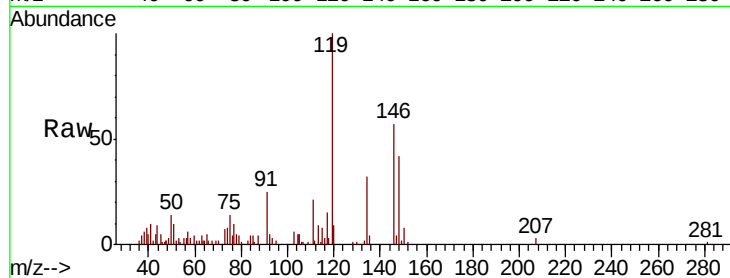




#63  
 1,3-Dichlorobenzene  
 Concen: 0.199 ug/L  
 RT: 12.01 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

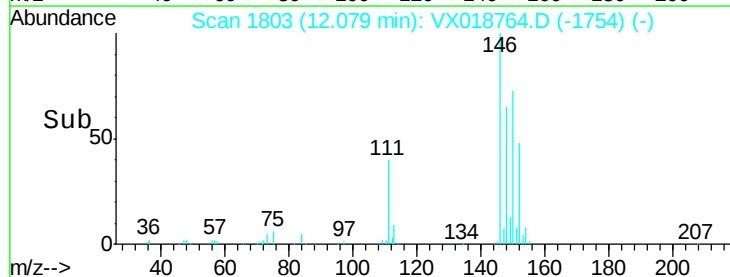
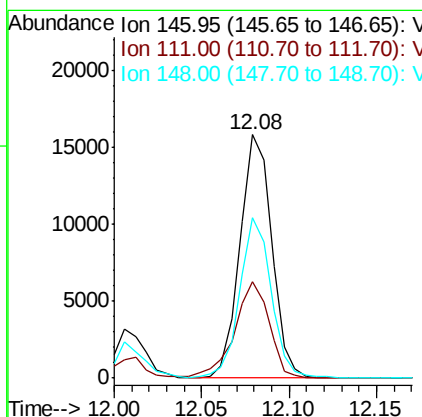
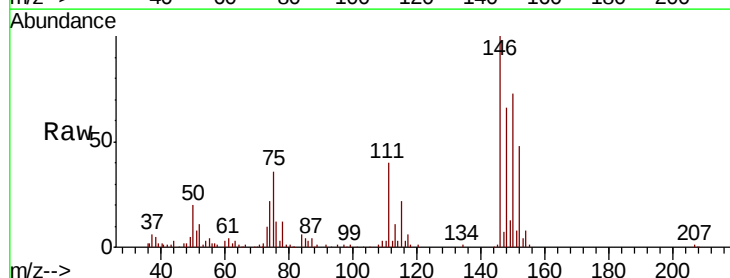
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3N0DL

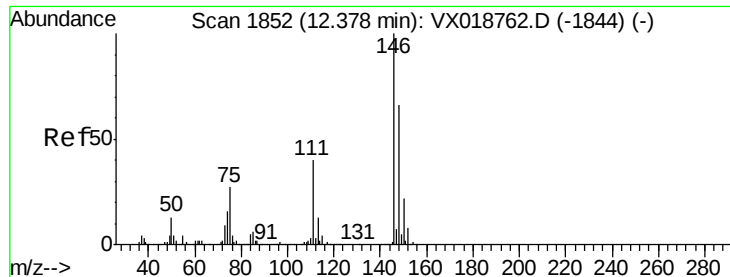
Tot Ion:146 Resp: 3837  
 Ion Ratio Lower Upper  
 146 100  
 111 36.1 28.4 52.8  
 148 73.2 45.9 85.3



#64  
 1,4-Dichlorobenzene  
 Concen: 1.048 ug/L  
 RT: 12.08 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

Tgt Ion:146 Resp: 20137  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 28.6 53.2  
 148 66.0 44.2 82.0

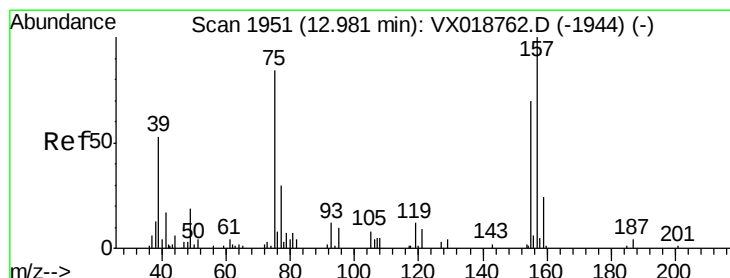
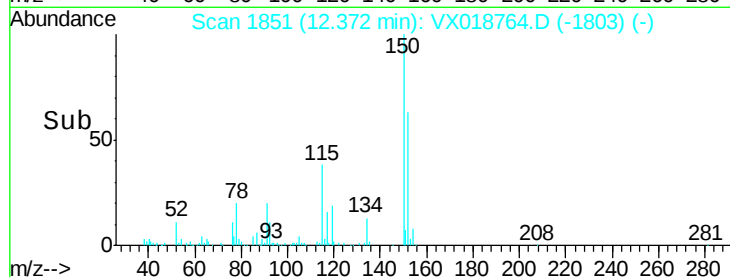
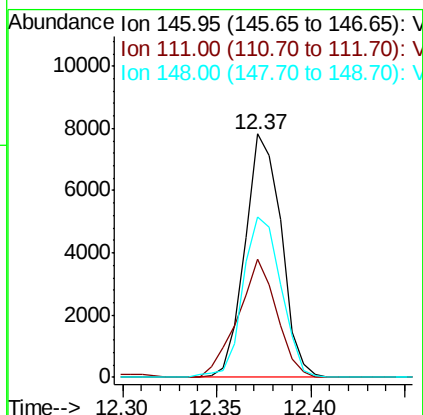
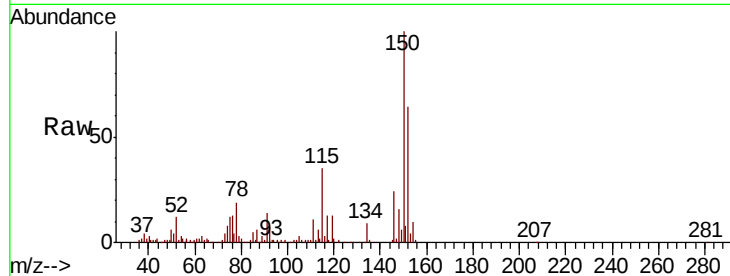




#66  
 1,2-Dichlorobenzene  
 Concen: 0.579 ug/L  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

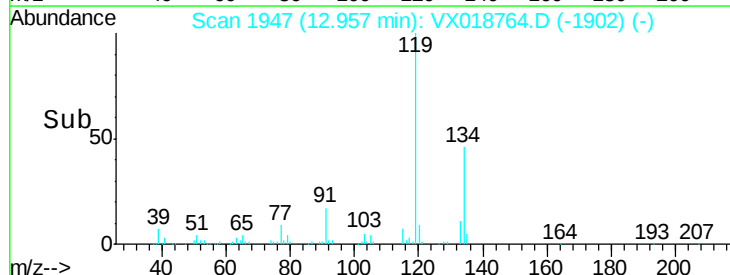
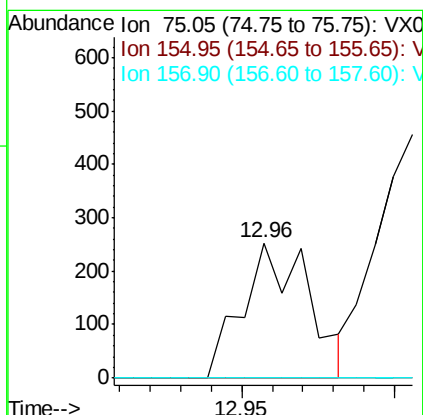
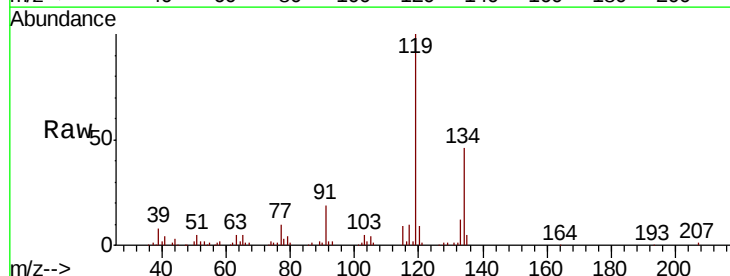
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BG3N0DL

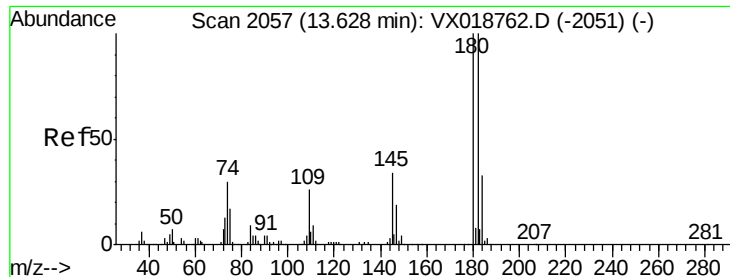
Tot Ion:146 Resp: 10415  
 Ion Ratio Lower Upper  
 146 100  
 111 48.4 31.7 47.5#  
 148 65.7 49.0 73.6



#67  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.248 ug/L  
 RT: 12.96 min Scan# 1947  
 Delta R.T. -0.02 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

Tgt Ion: 75 Resp: 381  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 61.1 91.7#  
 157 0.0 74.2 111.2#

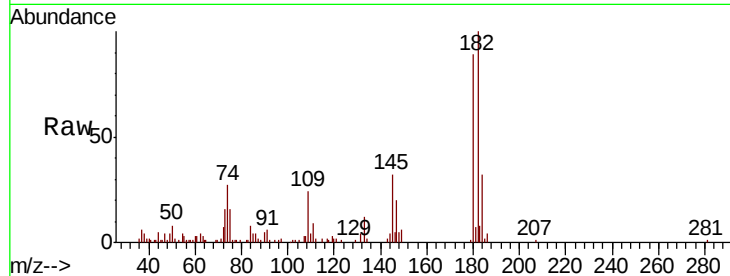




#69  
 1,2,4-trichlorobenzene  
 Concen: 1.004 ug/L  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 BG3N0DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 80.2  | 120.4 |
| 145     | 32.7  | 25.2  | 37.8  |

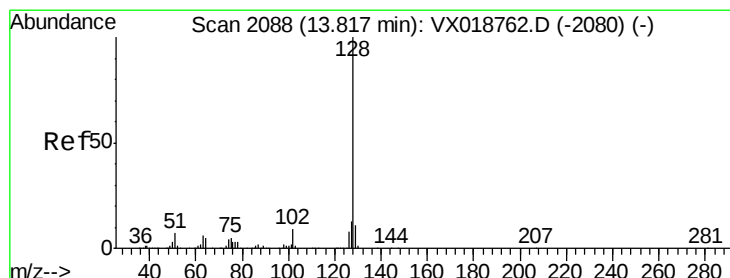
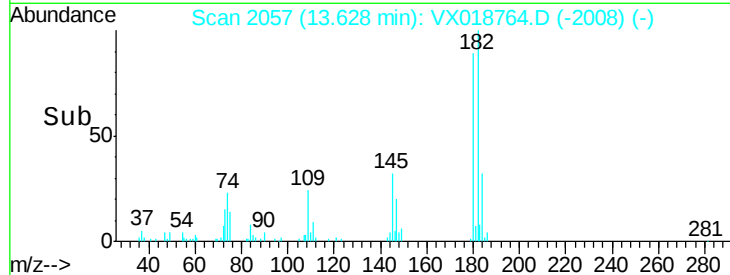
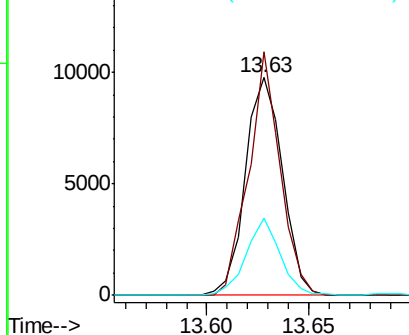


Abundance

Ion 179.90 (179.60 to 180.60): V

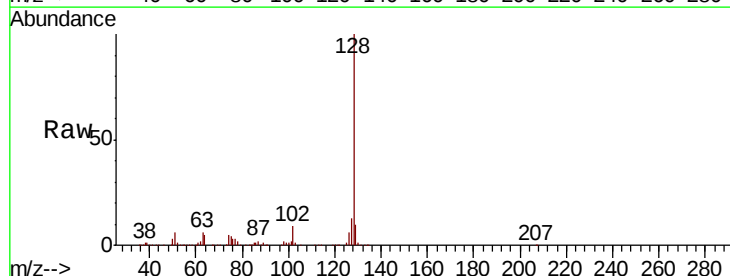
Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70  
 Naphthalene  
 Concen: 6.832 ug/L  
 RT: 13.82 min Scan# 2088  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.0   | 13.4  |
| 127     | 12.9  | 10.5  | 15.7  |

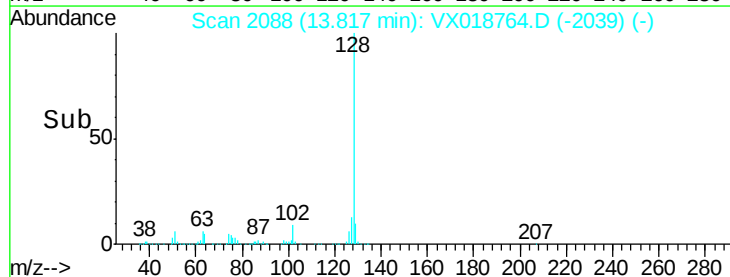
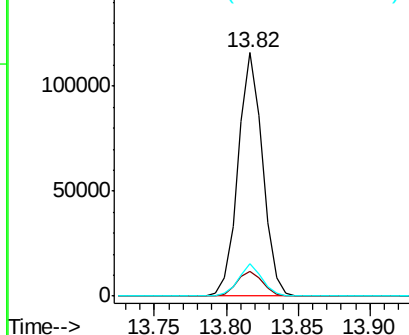


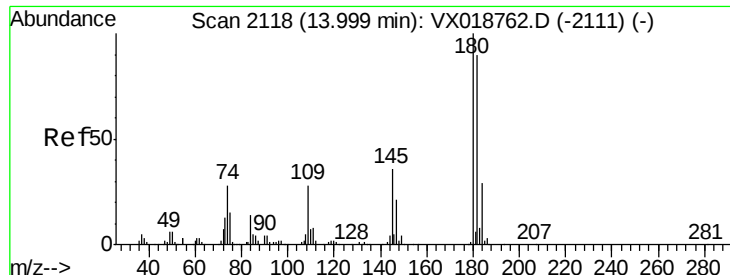
Abundance

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





#71  
 1,2,3-Trichlorobenzene  
 Concen: 0.417 ug/L  
 RT: 14.00 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VX018764.D  
 Acq: 05 Oct 2020 14:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3N0DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 88.4  | 73.6  | 110.4 |
| 145     | 36.3  | 26.6  | 40.0  |

