

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072220\  
 Data File : VX017471.D  
 Acq On : 22 Jul 2020 17:30  
 Operator : JC/SP  
 Sample : L3395-12  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GAY20

Quant Time: Jul 23 04:09:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR072120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 23 02:59:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 455089   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 429286   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 219041   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 138470   | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.20%  |
| 7) Chloroethane-d5             | 1.69   | 69    | 104529   | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 209326   | 3.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.80%  |
| 20) 2-Butanone-d5              | 4.53   | 46    | 359580   | 54.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.76% |
| 24) Chloroform-d               | 5.14   | 84    | 273445   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.60%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 152589   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 6.05   | 84    | 542145   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 165719   | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 107.00% |
| 41) Toluene-d8                 | 8.70   | 98    | 496861   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 70572    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 103.80% |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 279138   | 57.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.86% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 117403   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.20%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 192386   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.80% |

## Target Compounds

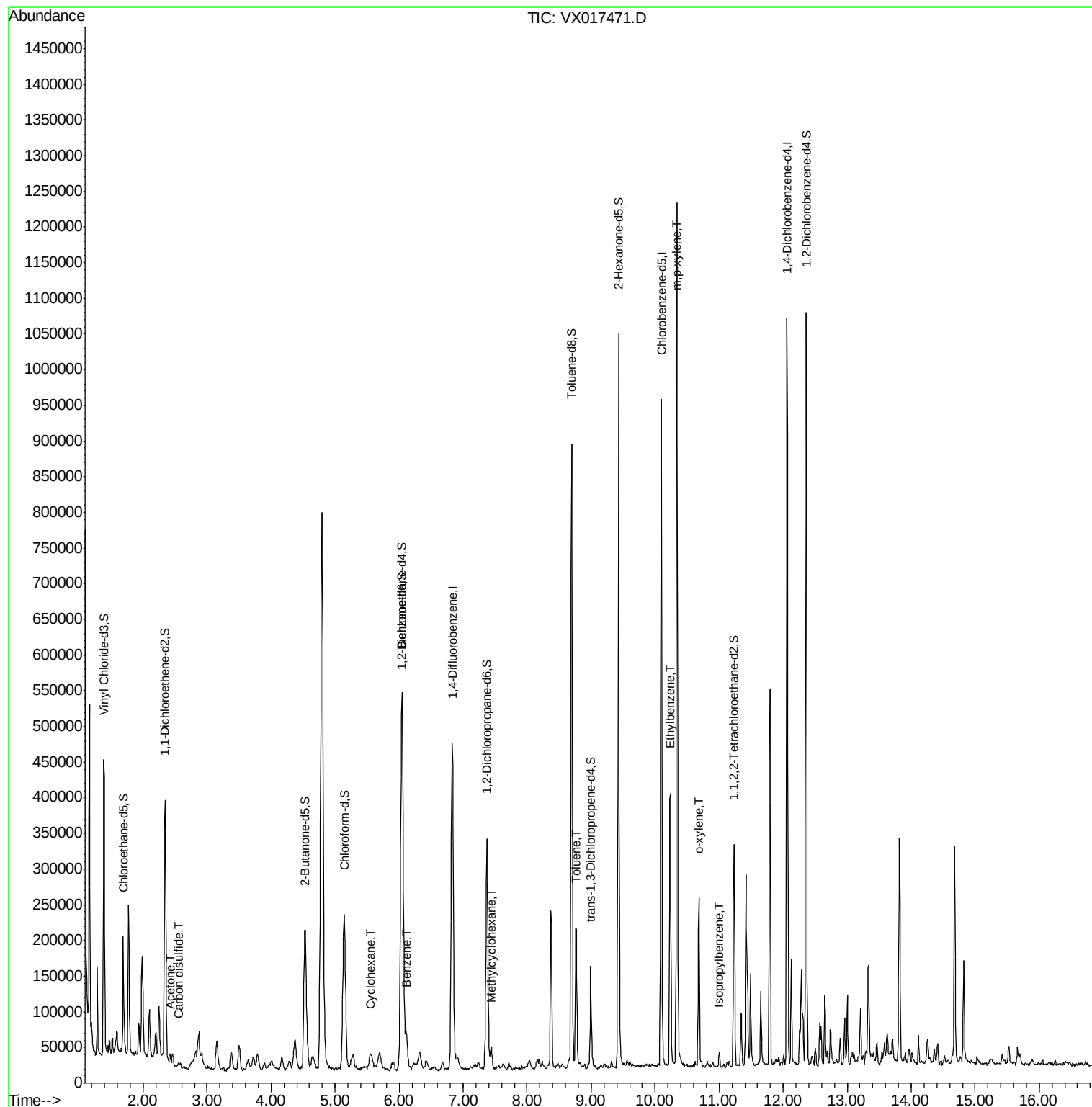
|                       |       |     |        |              | Ovalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 13) Acetone           | 2.42  | 43  | 17599  | 3.298 ug/L   | 96     |
| 14) Carbon disulfide  | 2.55  | 76  | 8127   | 0.074 ug/L   | 100    |
| 30) Cyclohexane       | 5.55  | 56  | 15182  | 0.326 ug/L   | 94     |
| 33) Benzene           | 6.12  | 78  | 58381  | 0.462 ug/L   | 100    |
| 35) Methylcyclohexane | 7.43  | 83  | 11199  | 0.243 ug/L # | 77     |
| 42) Toluene           | 8.76  | 91  | 130755 | 1.032 ug/L   | 97     |
| 54) Ethylbenzene      | 10.24 | 91  | 227176 | 1.652 ug/L   | 99     |
| 55) m,p-xylene        | 10.34 | 106 | 274493 | 5.001 ug/L   | 99     |
| 56) o-xylene          | 10.68 | 106 | 50711  | 0.952 ug/L   | 91     |
| 58) Isopropylbenzene  | 11.00 | 105 | 11048  | 0.080 ug/L   | 96     |

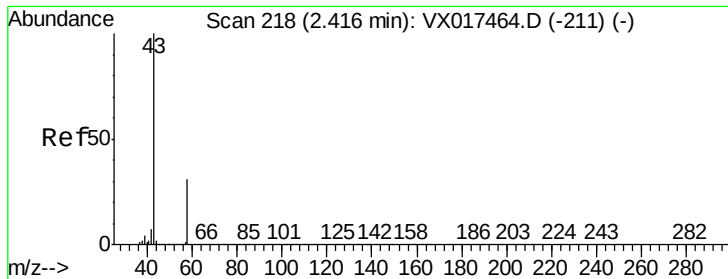
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
GAY20

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QLast Update : Thu Jul 23 02:59:48 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 3.298 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017471.D

Acq: 22 Jul 2020 17:30

Instrument :

MSVOA\_X

ClientSampleId :

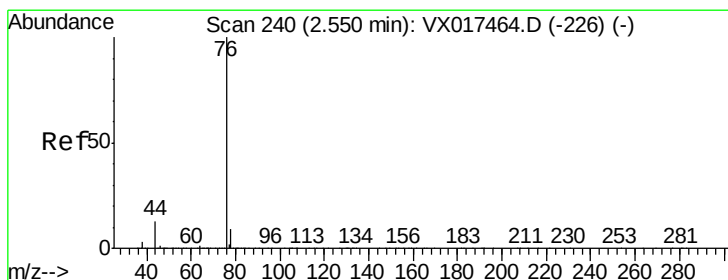
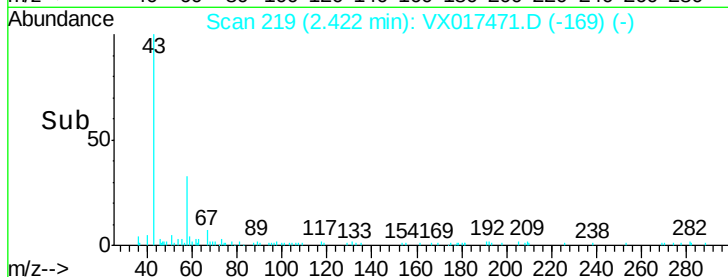
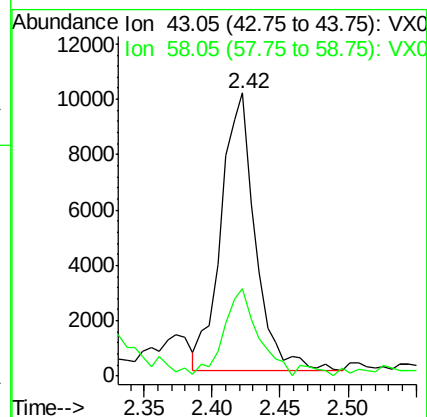
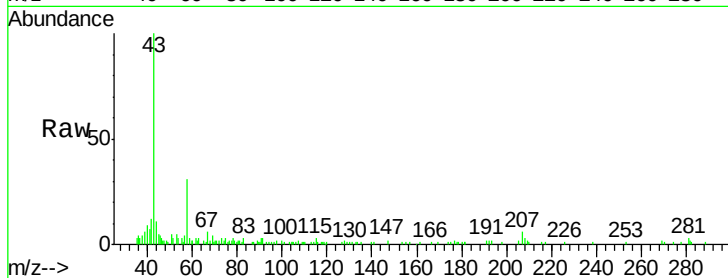
GAY20

Tot Ion: 43 Resp: 17599

Ion Ratio Lower Upper

43 100

58 31.2 0.0 58.6



#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017471.D

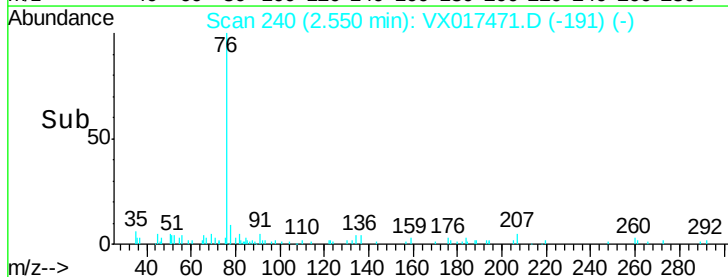
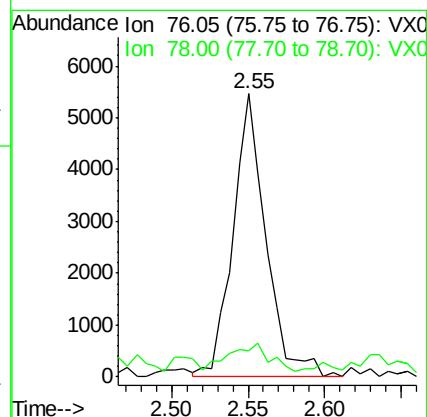
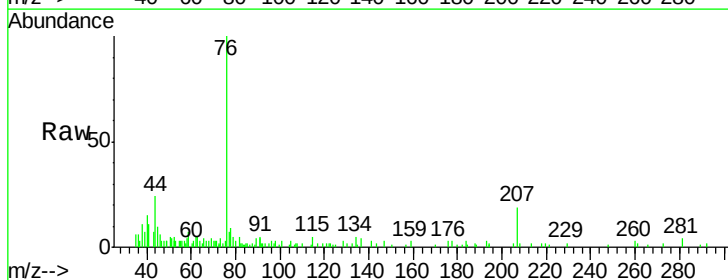
Acq: 22 Jul 2020 17:30

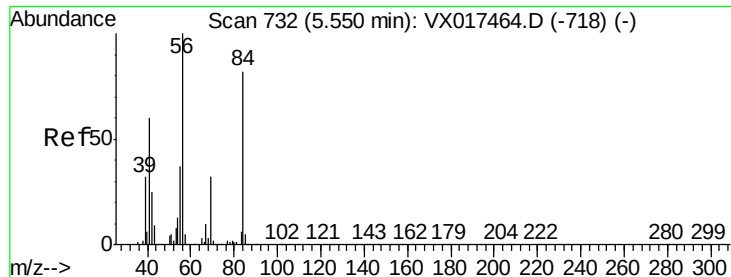
Tgt Ion: 76 Resp: 8127

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

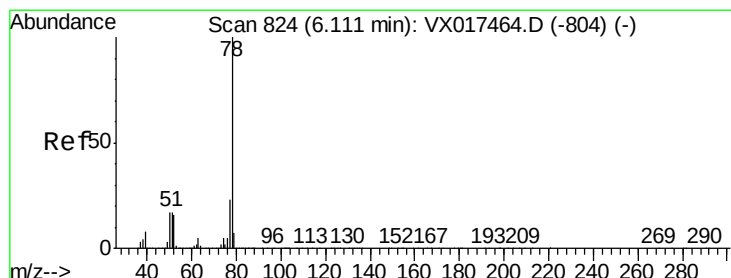
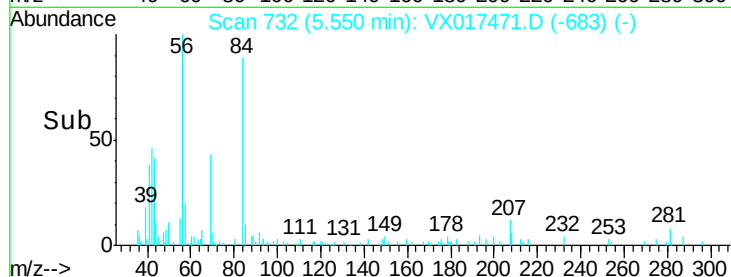
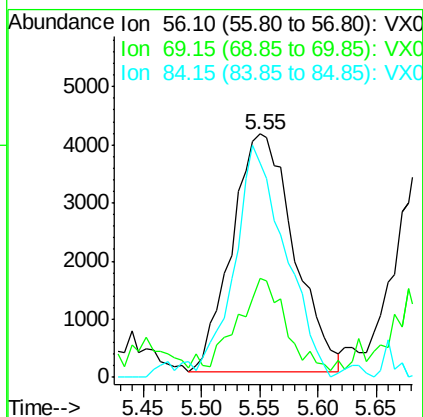
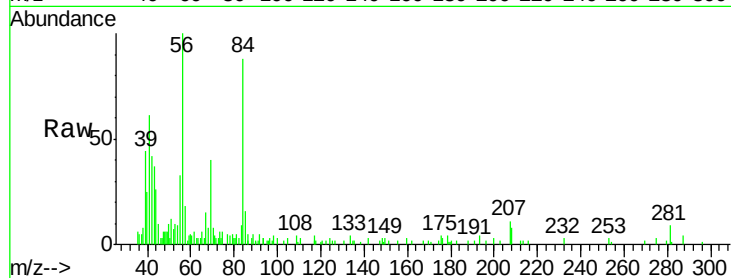




#30  
Cyclohexane  
Concen: 0.326 ug/L  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

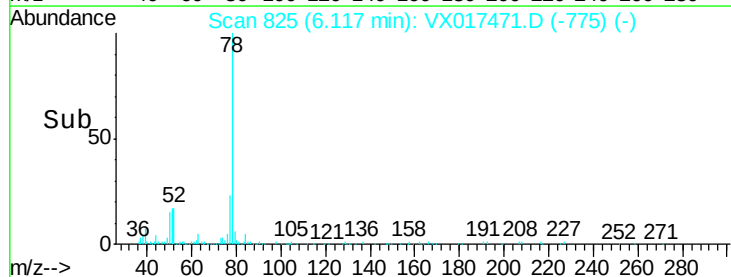
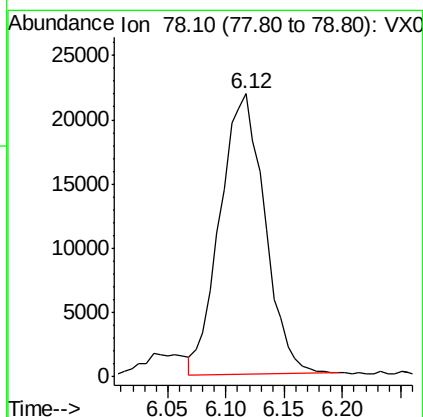
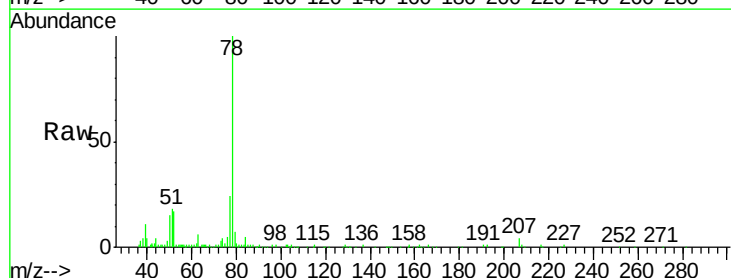
Instrument :  
MSVOA\_X  
ClientSampled :  
GAY20

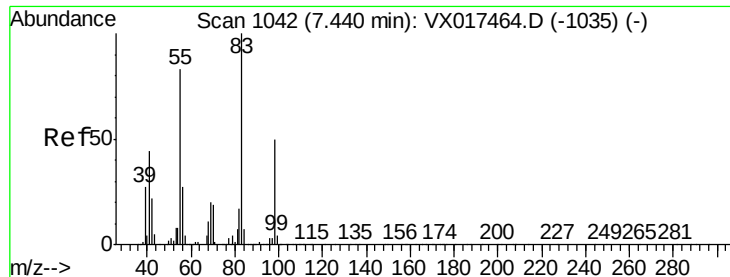
Tot Ion: 56 Resp: 15182  
Ion Ratio Lower Upper  
56 100  
69 29.1 25.4 38.2  
84 80.9 69.3 103.9



#33  
Benzene  
Concen: 0.462 ug/L  
RT: 6.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

Tgt Ion: 78 Resp: 58381

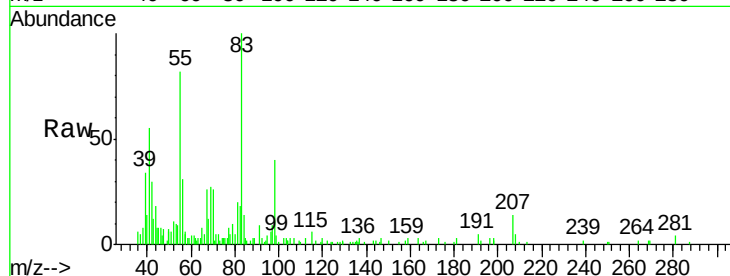




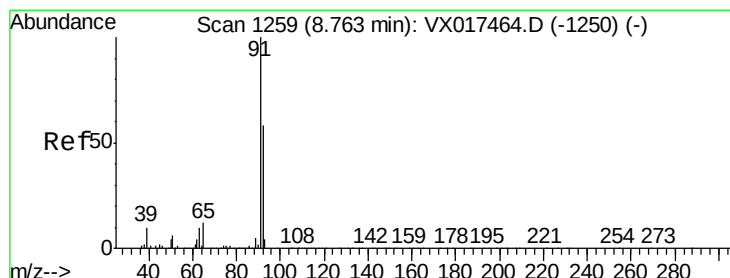
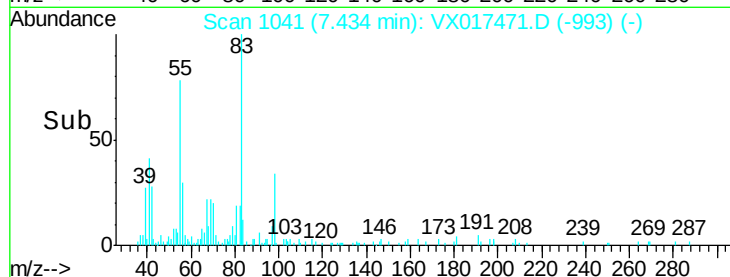
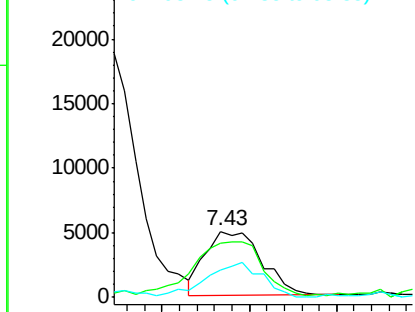
#35  
Methylvlcyclohexane  
Concen: 0.243 ug/L  
RT: 7.43 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
GAY20

Tot Ion: 83 Resp: 11199  
Ion Ratio Lower Upper  
83 100  
55 112.2 65.4 98.2#  
98 53.2 39.8 59.8

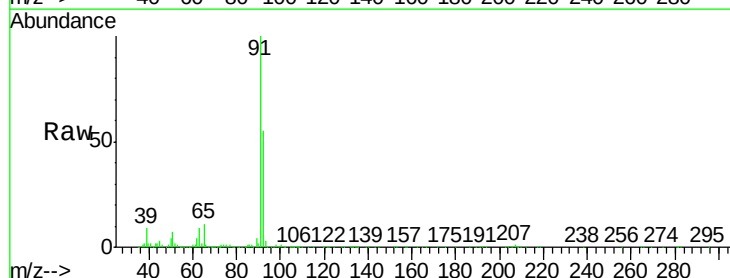


Abundance Ion 83.15 (82.85 to 83.85): VX0  
Ion 55.10 (54.80 to 55.80): VX0  
Ion 98.15 (97.85 to 98.85): VX0

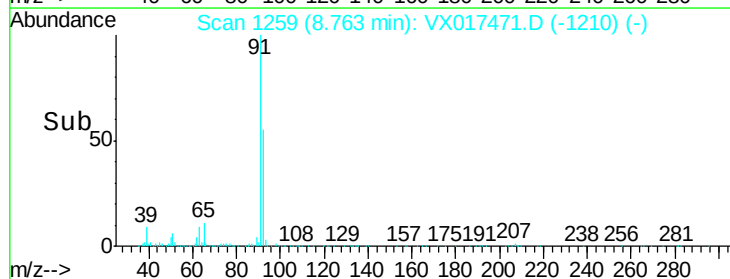
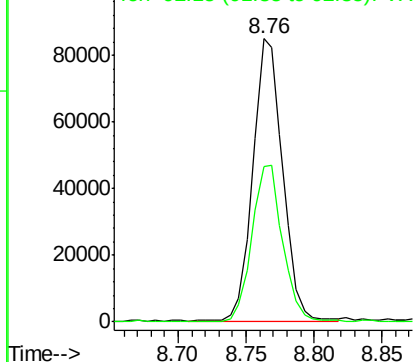


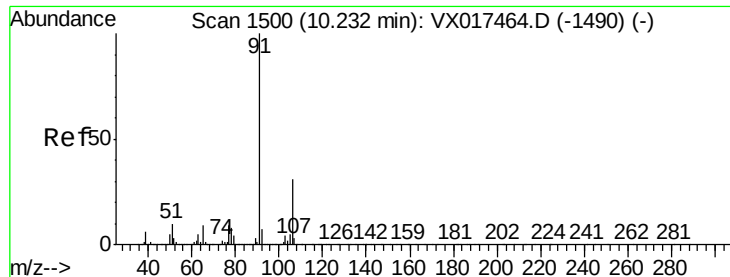
#42  
Toluene  
Concen: 1.032 ug/L  
RT: 8.76 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

Tgt Ion: 91 Resp: 130755  
Ion Ratio Lower Upper  
91 100  
92 55.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX0  
Ion 92.15 (91.85 to 92.85): VX0





#54

Ethylbenzene

Concen: 1.652 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017471.D

Acq: 22 Jul 2020 17:30

Instrument :

MSVOA\_X

ClientSampleId :

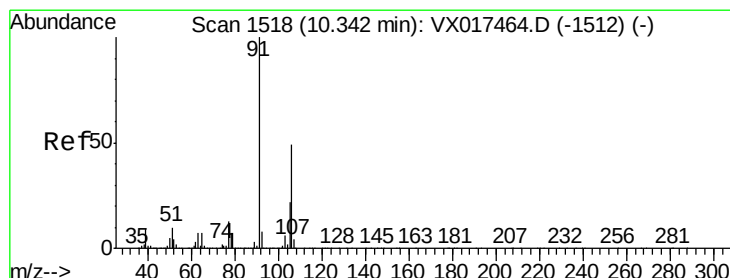
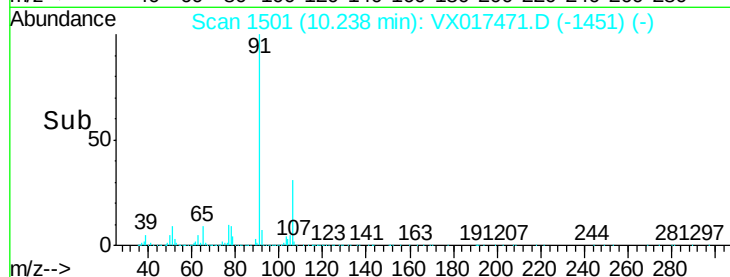
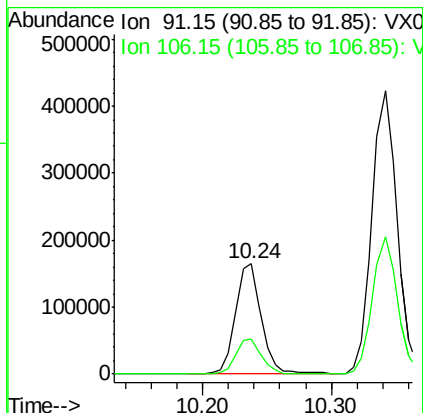
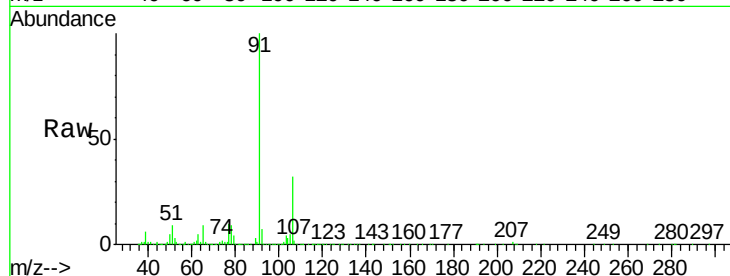
GAY20

Tot Ion: 91 Resp: 227176

Ion Ratio Lower Upper

91 100

106 31.6 22.5 41.7



#55

m,p-xylene

Concen: 5.001 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017471.D

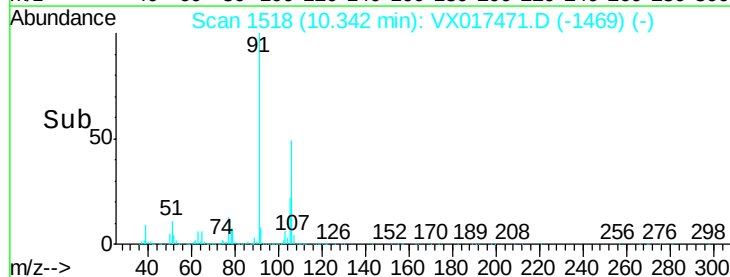
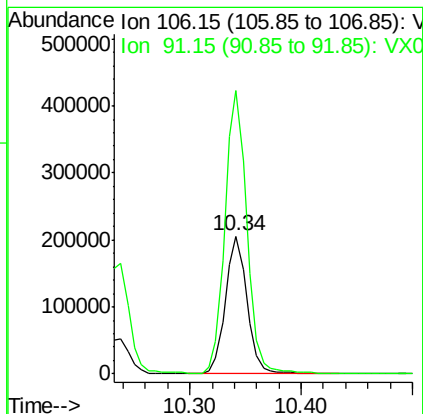
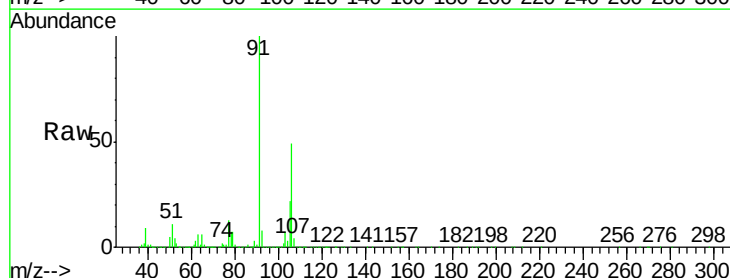
Acq: 22 Jul 2020 17:30

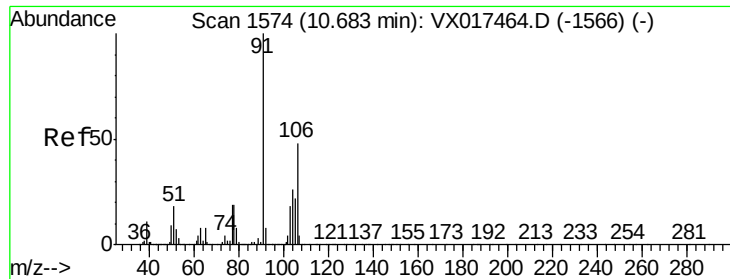
Tgt Ion: 106 Resp: 274493

Ion Ratio Lower Upper

106 100

91 205.6 142.7 264.9

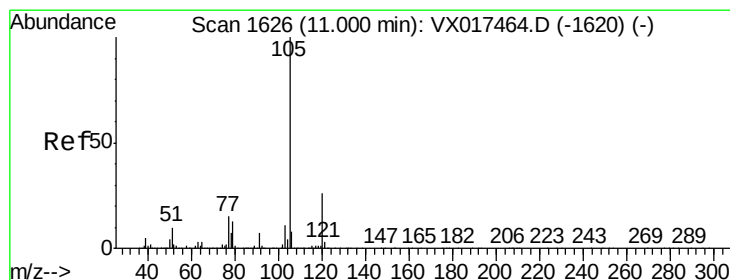
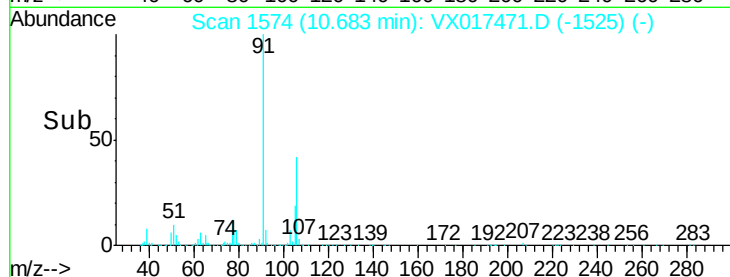
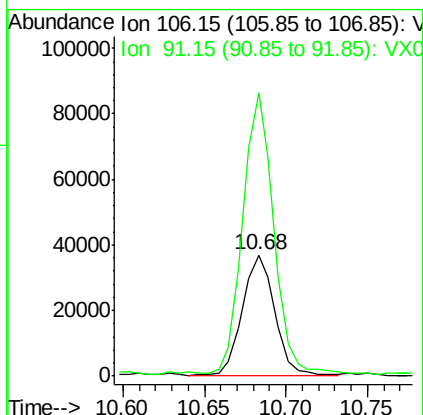
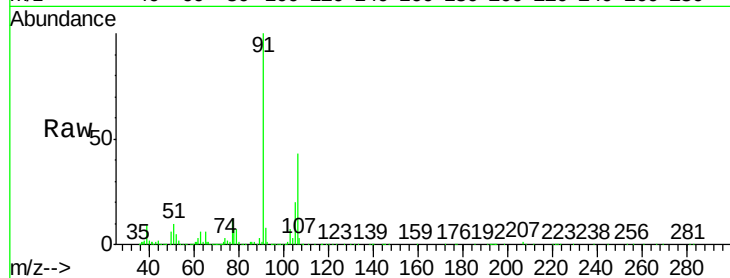




#56  
o-xylene  
Concen: 0.952 ug/L  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
GAY20

Tot Ion:106 Resp: 50711  
Ion Ratio Lower Upper  
106 100  
91 233.4 153.4 284.8



#58  
Isopropylbenzene  
Concen: 0.080 ug/L  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX017471.D  
Acq: 22 Jul 2020 17:30

Tgt Ion:105 Resp: 11048  
Ion Ratio Lower Upper  
105 100  
120 25.6 21.4 32.2  
77 18.8 13.0 19.6

