

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081820\  
 Data File : VX017954.D  
 Acq On : 18 Aug 2020 10:57  
 Operator : JC/SP  
 Sample : VX0818WBL01  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VBLK70

Quant Time: Aug 19 01:30:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 19 01:29:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 239286   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 249629   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 98130    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 70666    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.40%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 65591    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.00% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 109360   | 3.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.20%  |
| 20) 2-Butanone-d5              | 4.54   | 46    | 264826   | 60.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.62% |
| 24) Chloroform-d               | 5.14   | 84    | 185382   | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.40% |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 106225   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.20% |
| 32) Benzene-d6                 | 6.05   | 84    | 312420   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 106598   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 8.70   | 98    | 258030   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.00%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 39279    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.60%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 200649   | 52.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.24% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 85342    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.00% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 103189   | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.20% |

## Target Compounds

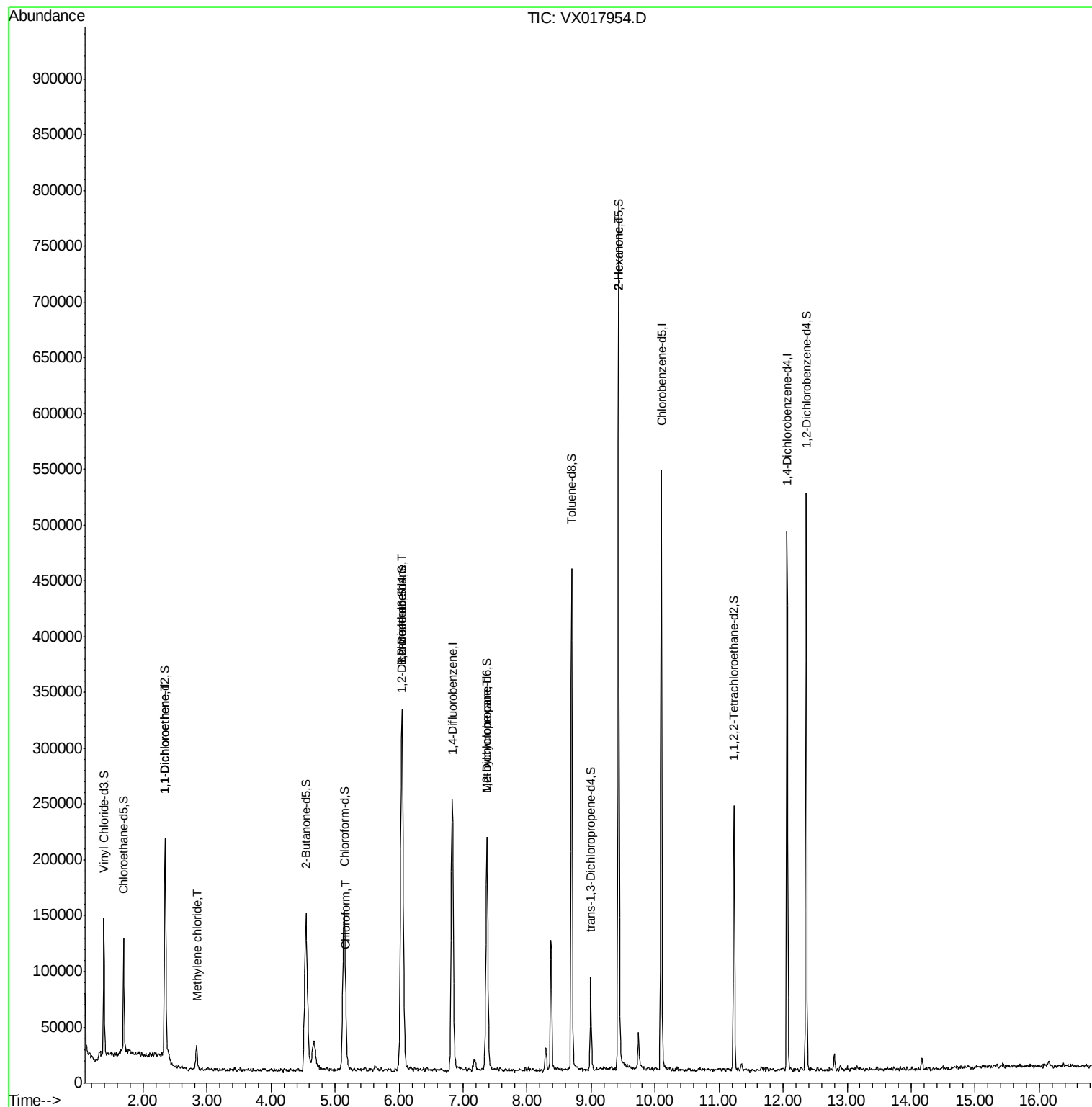
|                        |      |    |       |              | Ovalue |
|------------------------|------|----|-------|--------------|--------|
| 12) 1,1-Dichloroethene | 2.35 | 96 | 2145  | 0.117 ug/L # | 1      |
| 16) Methylene chloride | 2.84 | 84 | 9071  | 0.358 ug/L   | 87     |
| 25) Chloroform         | 5.17 | 83 | 8308  | 0.208 ug/L   | 82     |
| 27) 1,2-Dichloroethane | 6.04 | 62 | 2708  | 0.106 ug/L   | 98     |
| 35) Methylcyclohexane  | 7.37 | 83 | 26184 | 0.722 ug/L # | 20     |
| 50) 2-Hexanone         | 9.43 | 43 | 27743 | 2.675 ug/L # | 68     |

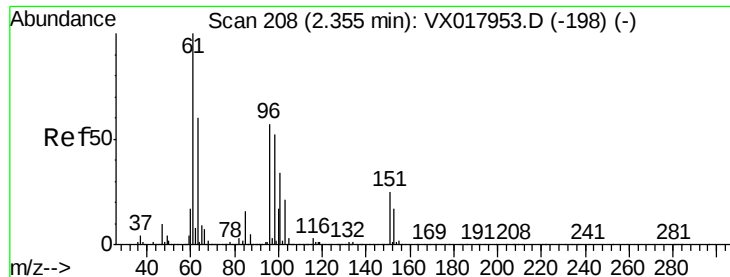
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017954.D

Acq: 18 Aug 2020 10:57

Instrument :

MSVOA\_X

ClientSampled :

VBLK70

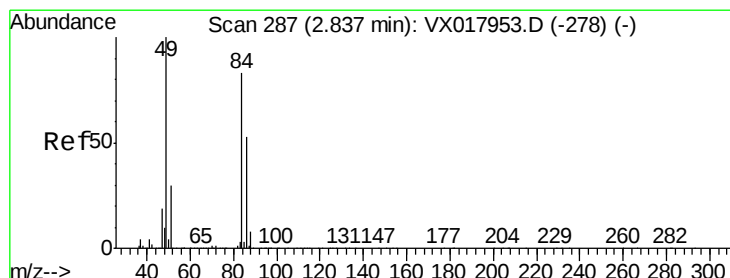
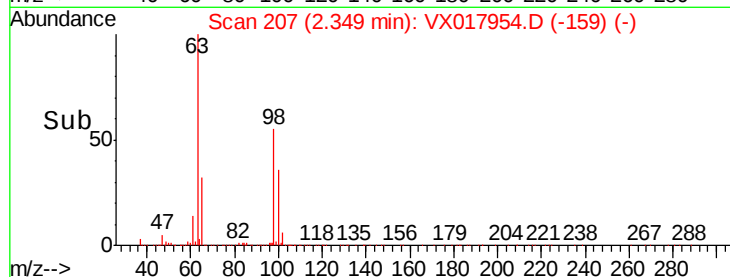
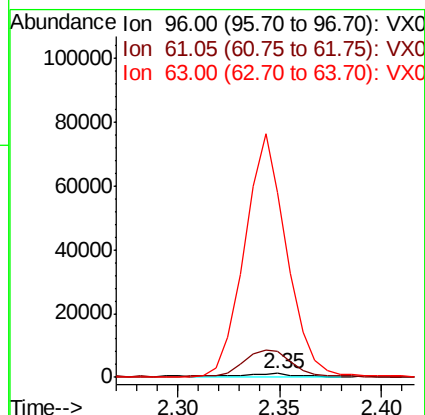
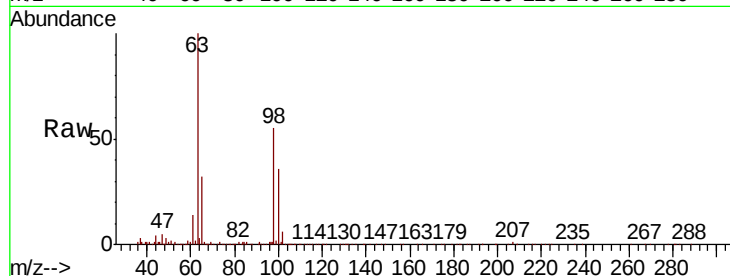
Tot Ion: 96 Resp: 2145

Ion Ratio Lower Upper

96 100

61 697.6 123.5 229.3#

63 4993.3 67.0 124.4#



#16

Methylene chloride

Concen: 0.358 ug/L

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX017954.D

Acq: 18 Aug 2020 10:57

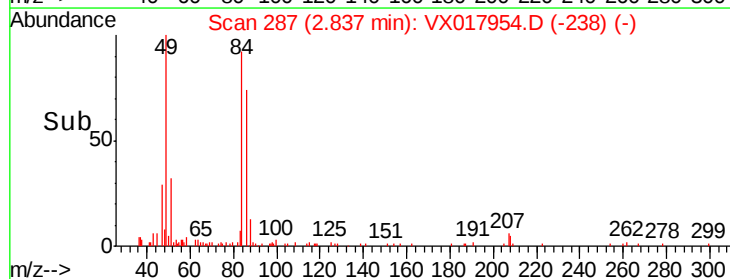
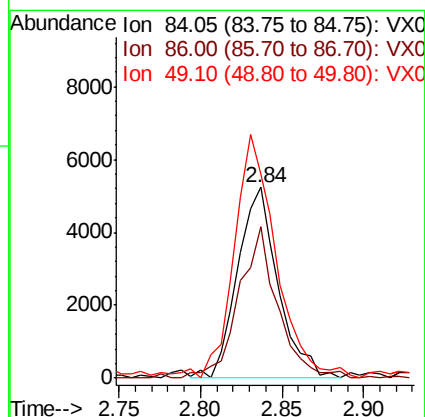
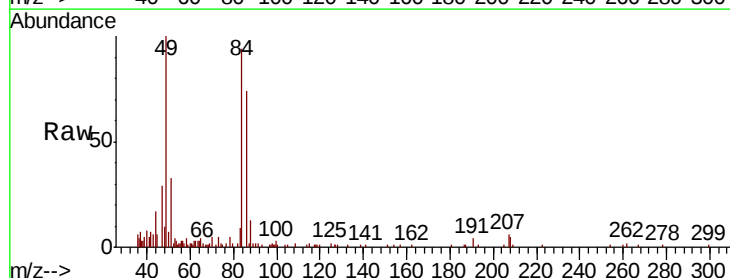
Tgt Ion: 84 Resp: 9071

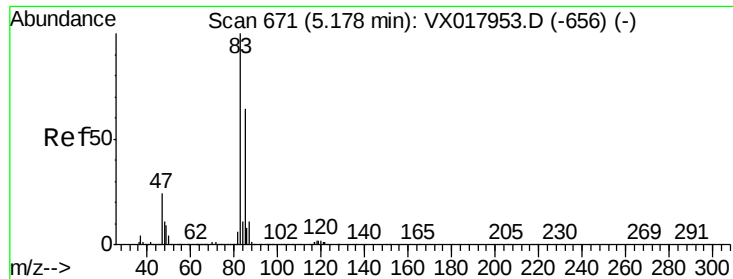
Ion Ratio Lower Upper

84 100

86 79.3 43.0 80.0

49 114.7 86.9 161.3





#25

Chloroform

Concen: 0.208 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017954.D

Acq: 18 Aug 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

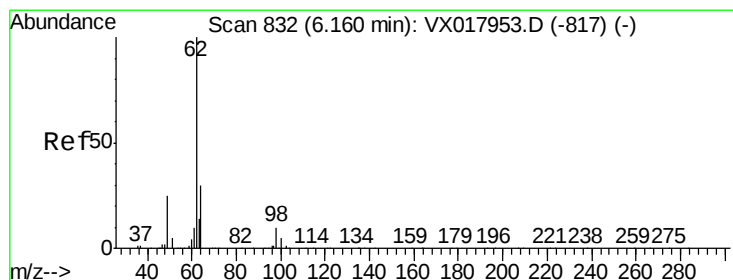
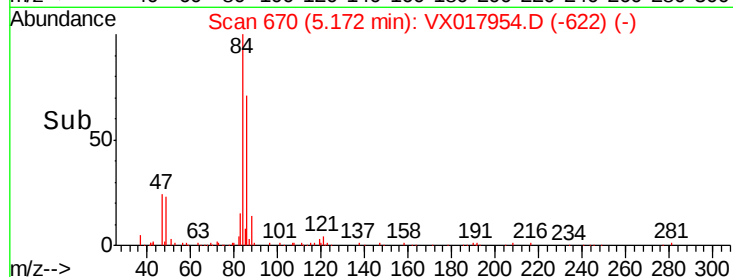
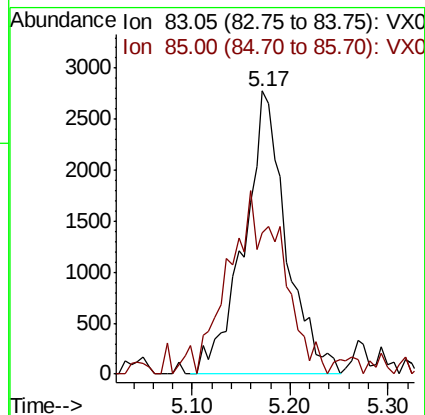
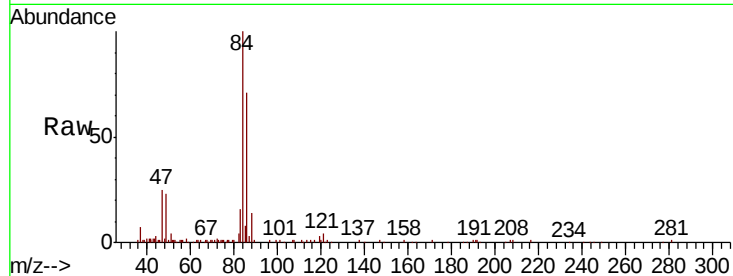
VBLK70

Tot Ion: 83 Resp: 8308

Ion Ratio Lower Upper

83 100

85 49.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 6.04 min Scan# 813

Delta R.T. -0.12 min

Lab File: VX017954.D

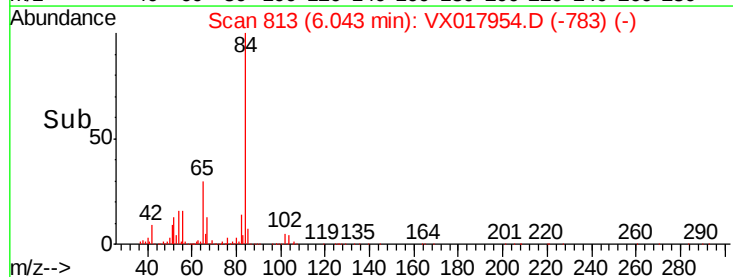
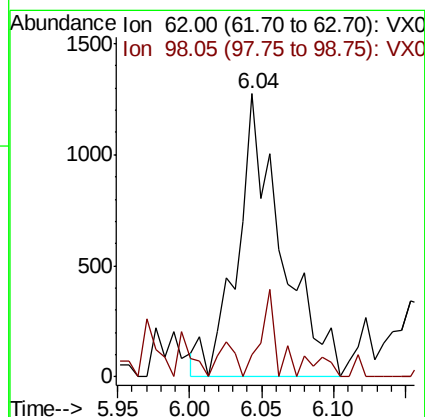
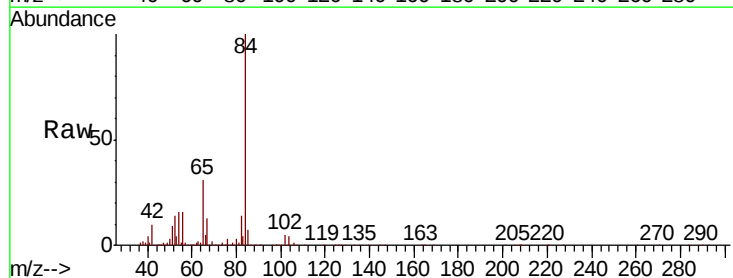
Acq: 18 Aug 2020 10:57

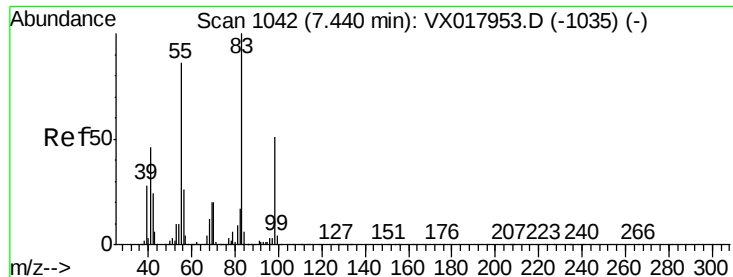
Tgt Ion: 62 Resp: 2708

Ion Ratio Lower Upper

62 100

98 7.8 6.7 10.1

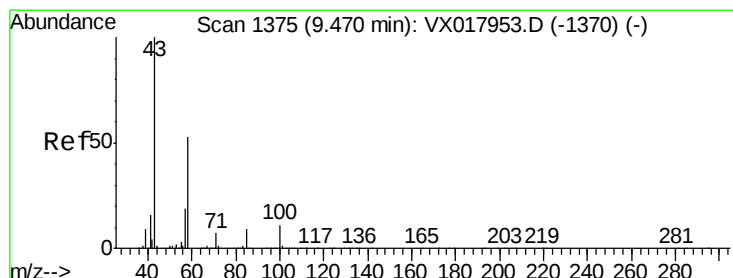
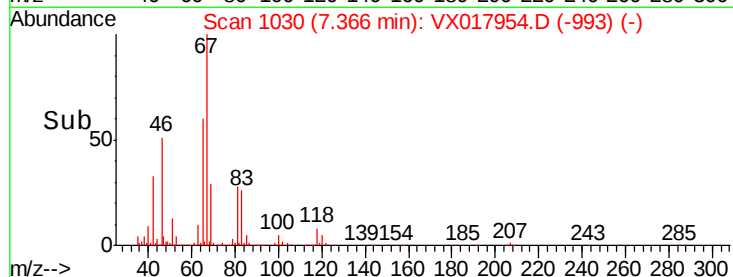
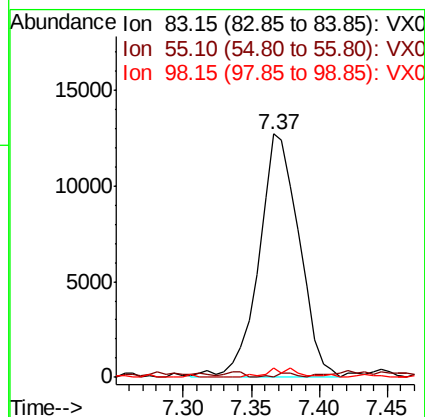
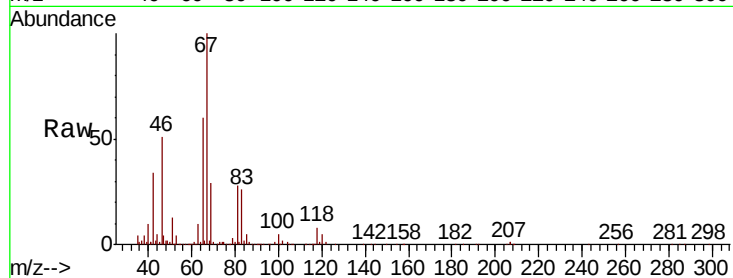




#35  
Methylcyclohexane  
Concen: 0.722 ug/L  
RT: 7.37 min Scan# 1030  
Delta R.T. -0.07 min  
Lab File: VX017954.D  
Acq: 18 Aug 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VBLK70

Tot Ion: 83 Resp: 26184  
Ion Ratio Lower Upper  
83 100  
55 1.0 62.4 93.6#  
98 3.0 38.0 57.0#



#50  
2-Hexanone  
Concen: 2.675 ug/L  
RT: 9.43 min Scan# 1368  
Delta R.T. -0.04 min  
Lab File: VX017954.D  
Acq: 18 Aug 2020 10:57

Tgt Ion: 43 Resp: 27743  
Ion Ratio Lower Upper  
43 100  
58 29.2 43.0 64.6#  
57 32.6 15.0 22.4#  
100 3.8 9.2 13.8#

