

Data File : VR026373.D  
Acq On : 25 Feb 2019 13:47  
Operator : SY/MD  
Sample : K1585-01  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
C0AN9

Quant Time: Feb 26 06:21:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR022219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Feb 26 06:18:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 518543   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 436751   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 139088   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 172599   | 3.40     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 160016   | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 77.00%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 345104   | 2.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.00%# |
| 20) 2-Butanone-d5              | 6.58   | 46    | 187600   | 50.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.34% |
| 24) Chloroform-d               | 7.20   | 84    | 354383   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 147642   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 32) Benzene-d6                 | 7.85   | 84    | 637592   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.60%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 173542   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 553491   | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.80%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 41231    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.00%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 156018   | 56.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.62% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 67664    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 120041   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.00% |

#### Target Compounds

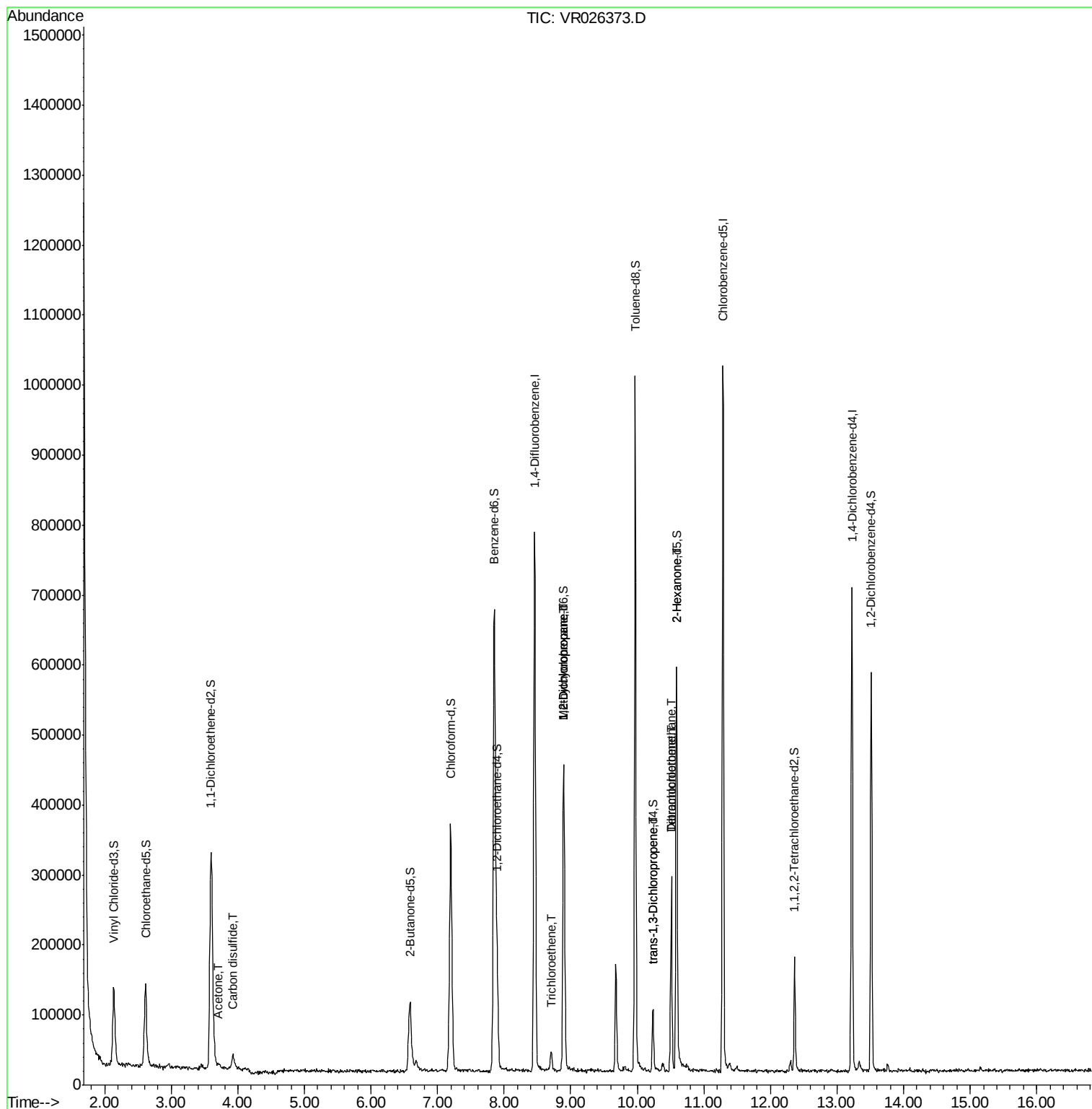
|                               |       |     |       |              | Qvalue |
|-------------------------------|-------|-----|-------|--------------|--------|
| 13) Acetone                   | 3.70  | 43  | 8908  | 2.674 ug/L   | 94     |
| 14) Carbon disulfide          | 3.92  | 76  | 25743 | 0.178 ug/L # | 92     |
| 34) Trichloroethene           | 8.70  | 95  | 7933  | 0.188 ug/L   | 93     |
| 35) Methylcyclohexane         | 8.89  | 83  | 43423 | 0.725 ug/L # | 15     |
| 37) 1,2-Dichloropropane       | 8.90  | 63  | 23638 | 0.663 ug/L # | 92     |
| 44) trans-1,3-Dichloropropene | 10.24 | 75  | 2963  | 0.104 ug/L   | 83     |
| 47) Tetrachloroethene         | 10.51 | 164 | 50589 | 1.652 ug/L   | 95     |
| 48) 2-Hexanone                | 10.59 | 43  | 25740 | 3.822 ug/L # | 66     |
| 49) Dibromochloromethane      | 10.51 | 129 | 44738 | 2.444 ug/L # | 13     |

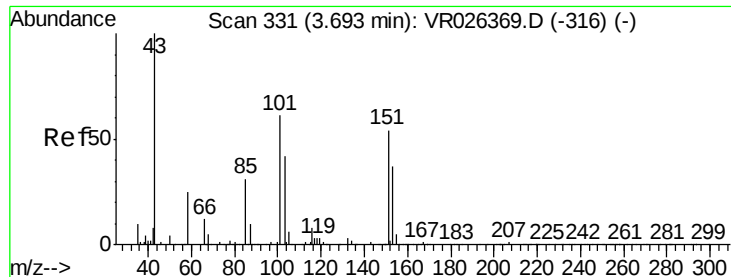
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.674 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

Instrument :

MSVOA\_R

ClientSampleId :

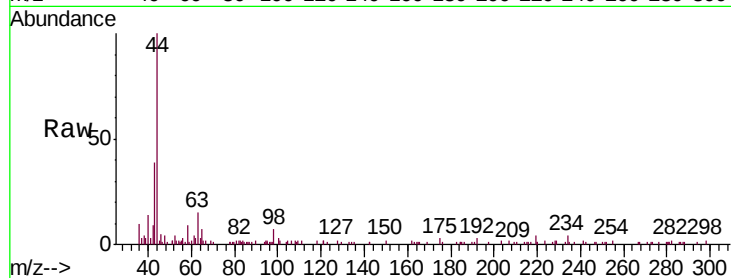
C0AN9

Tgt Ion: 43 Resp: 8908

Ion Ratio Lower Upper

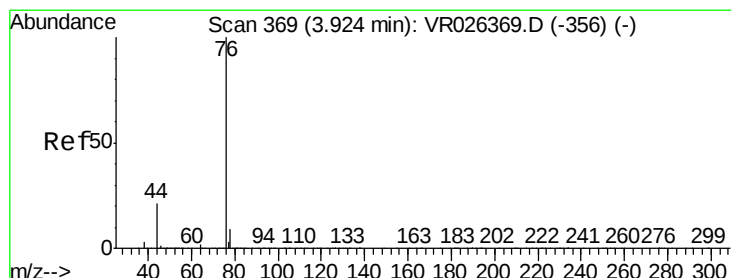
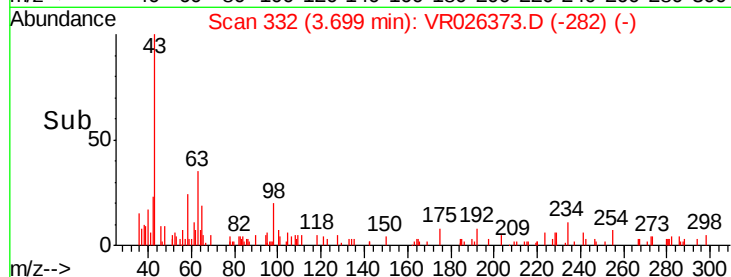
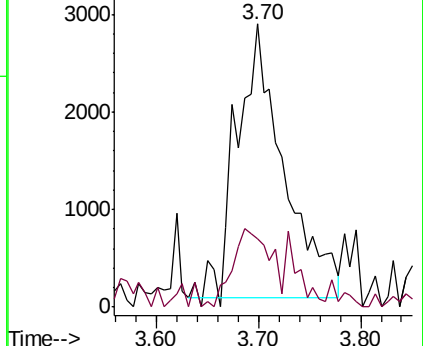
43 100

58 22.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 0.178 ug/L

RT: 3.92 min Scan# 369

Delta R.T. -0.00 min

Lab File: VR026373.D

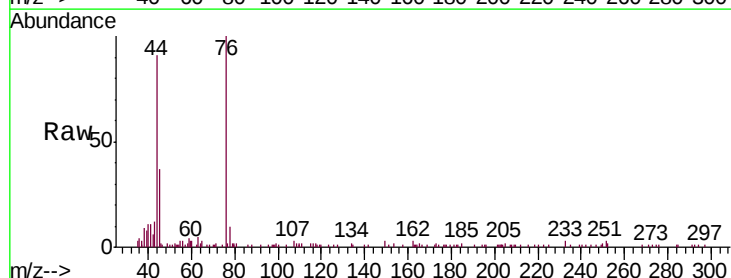
Acq: 25 Feb 2019 13:47

Tgt Ion: 76 Resp: 25743

Ion Ratio Lower Upper

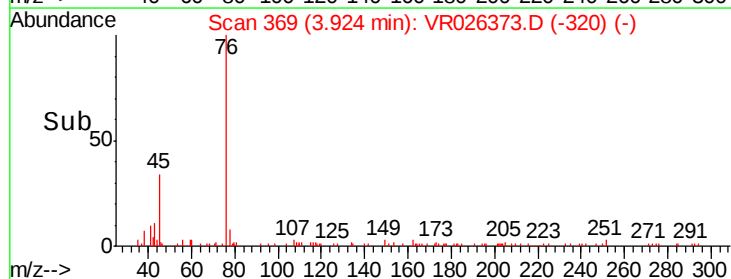
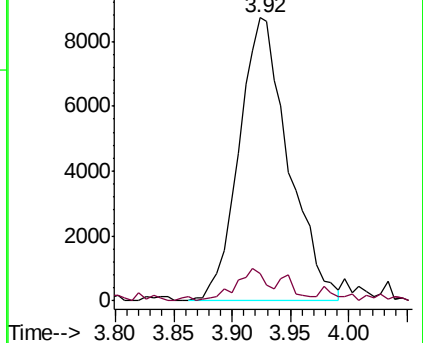
76 100

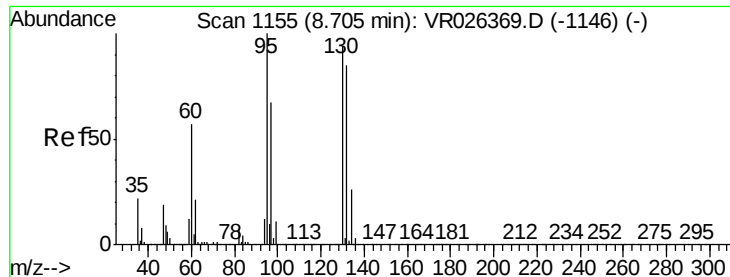
78 11.4 6.7 10.1#



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0





#34

Trichloroethene

Concen: 0.188 ug/L

RT: 8.70 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

Instrument :

MSVOA\_R

ClientSampleId :

C0AN9

Tgt Ion: 95 Resp: 7933

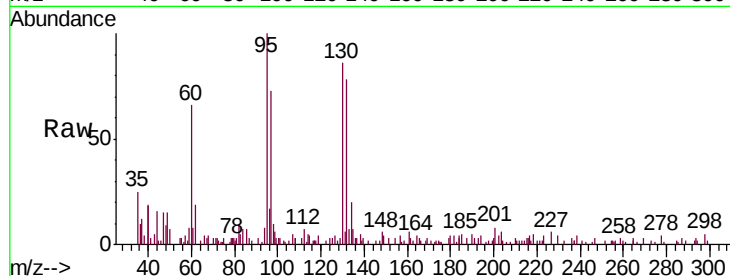
Ion Ratio Lower Upper

95 100

97 73.2 43.5 80.7

132 77.7 58.6 108.8

130 86.5 59.4 110.2

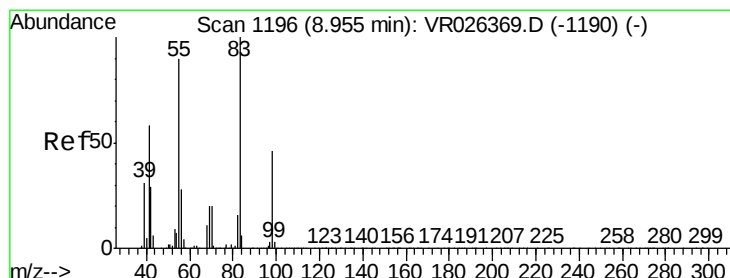
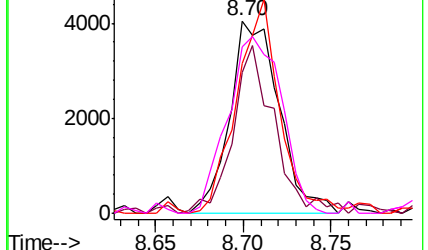
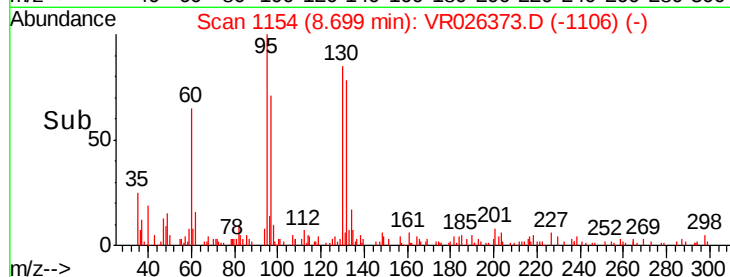


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

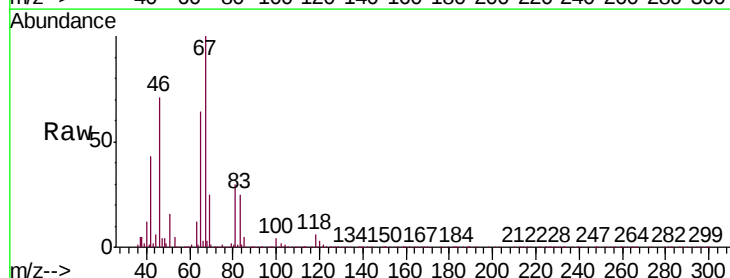
Tgt Ion: 83 Resp: 43423

Ion Ratio Lower Upper

83 100

55 1.6 72.2 108.2#

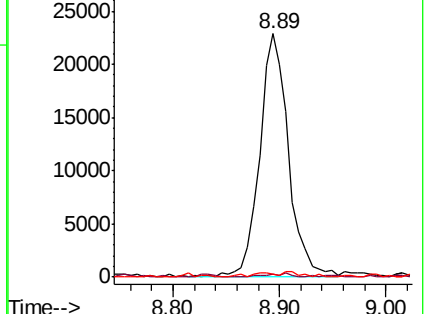
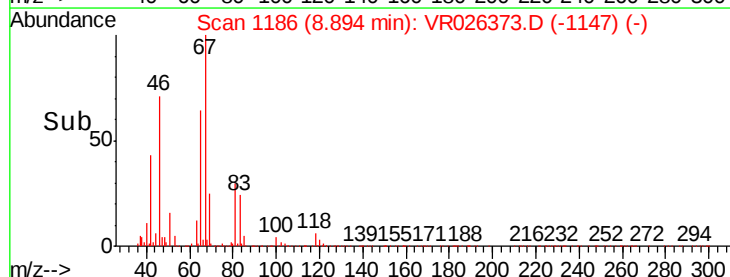
98 1.6 35.0 52.4#

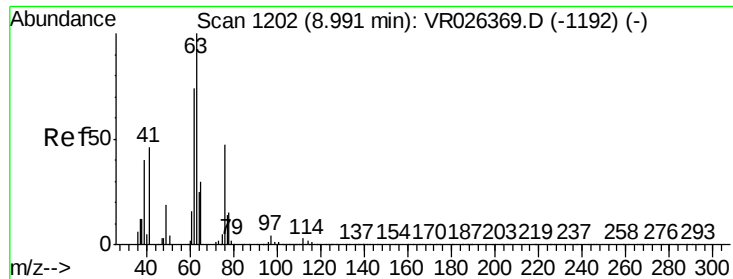


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

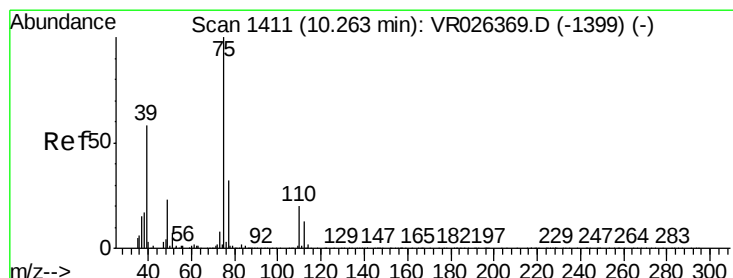
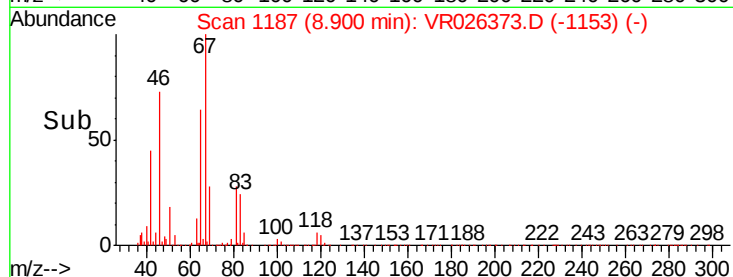
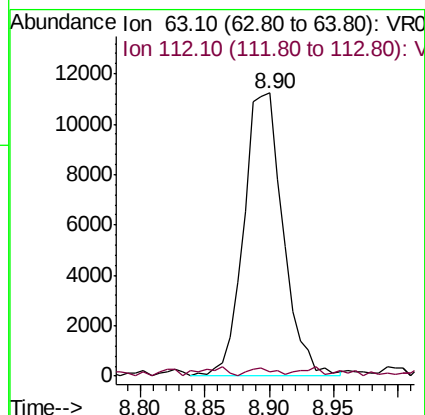
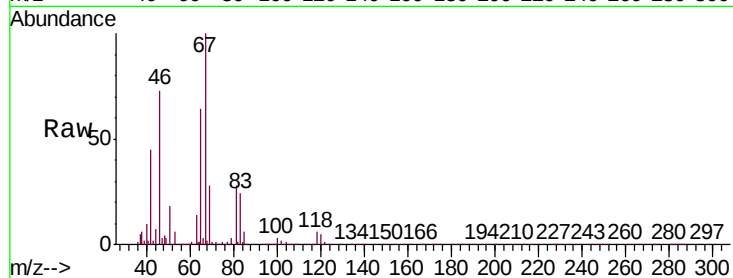




#37  
 1,2-Dichloropropane  
 Concen: 0.663 ug/L  
 RT: 8.90 min Scan# 1187  
 Delta R.T. -0.09 min  
 Lab File: VR026373.D  
 Acq: 25 Feb 2019 13:47

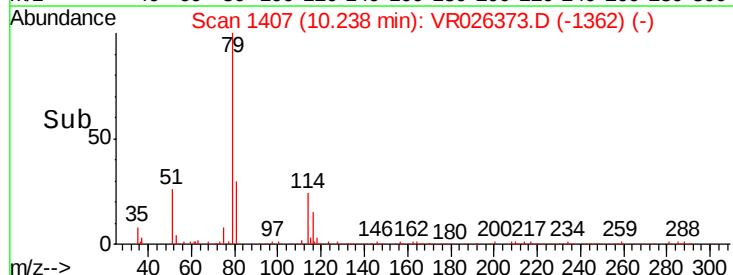
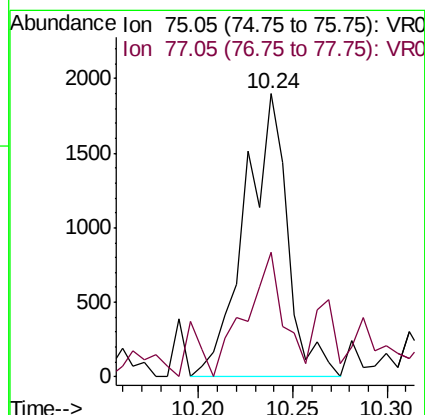
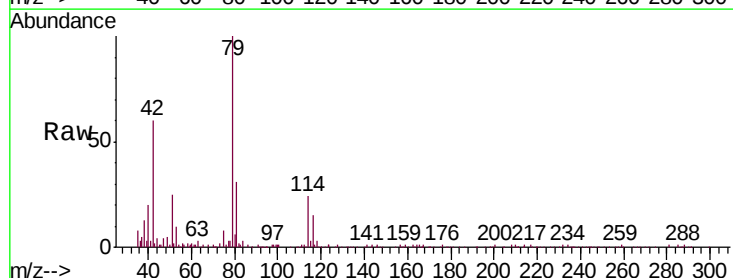
Instrument :  
 MSVOA\_R  
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 C0AN9

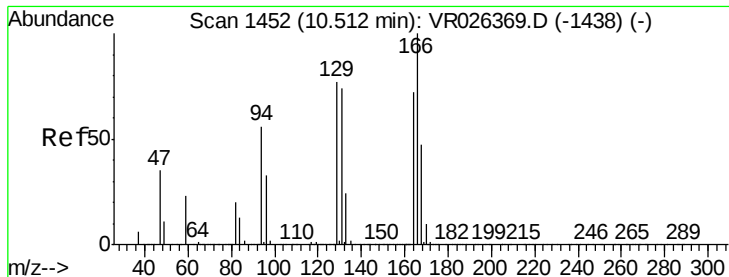
Tgt Ion: 63 Resp: 23638  
 Ion Ratio Lower Upper  
 63 100  
 112 1.9 3.6 5.4#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.104 ug/L  
 RT: 10.24 min Scan# 1407  
 Delta R.T. -0.02 min  
 Lab File: VR026373.D  
 Acq: 25 Feb 2019 13:47

Tgt Ion: 75 Resp: 2963  
 Ion Ratio Lower Upper  
 75 100  
 77 43.8 23.9 44.3





#47

Tetrachloroethene

Concen: 1.652 ug/L

RT: 10.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

Instrument :

MSVOA\_R

ClientSampleId :

C0AN9

Tgt Ion:164 Resp: 50589

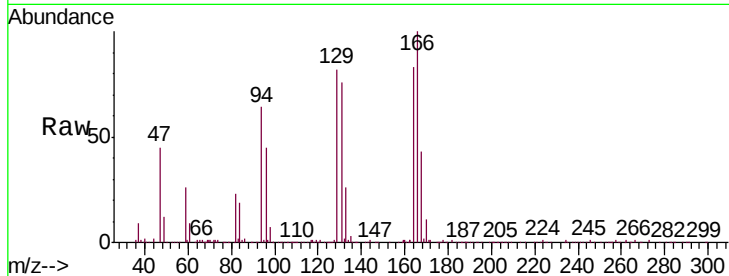
Ion Ratio Lower Upper

164 100

129 98.7 67.2 124.8

131 91.5 67.3 125.1

166 120.4 90.4 167.8



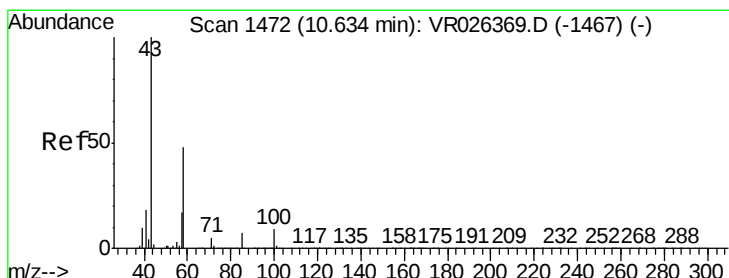
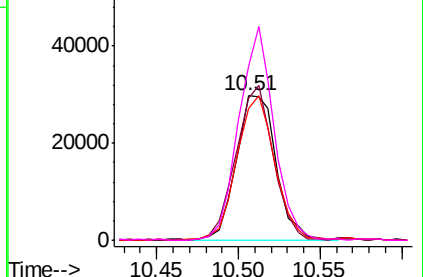
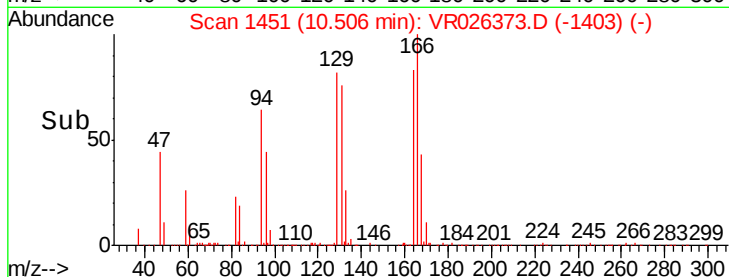
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



#48

2-Hexanone

Concen: 3.822 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

Tgt Ion: 43 Resp: 25740

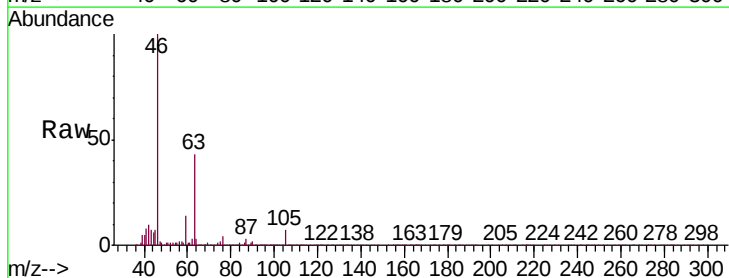
Ion Ratio Lower Upper

43 100

58 24.3 38.4 57.6#

57 34.7 13.2 19.8#

100 4.9 6.3 9.5#



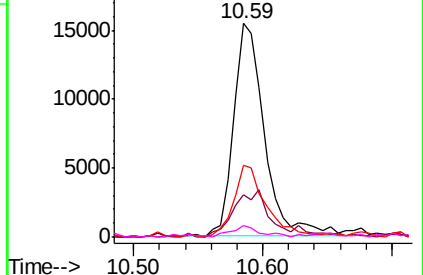
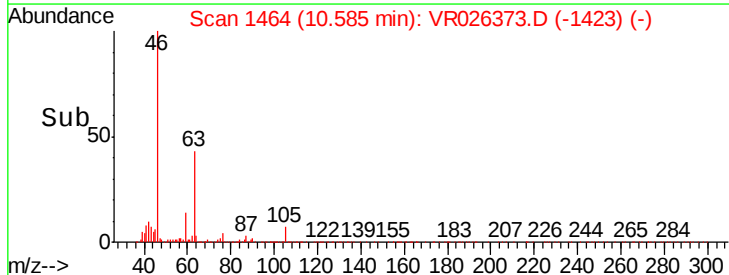
Abundance Ion 43.05 (42.75 to 43.75): VR0

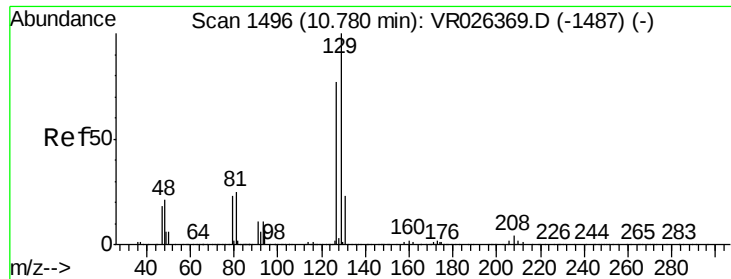
Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

Time-->





#49

Dibromochloromethane

Concen: 2.444 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.27 min

Lab File: VR026373.D

Acq: 25 Feb 2019 13:47

Instrument :

MSVOA\_R

ClientSampleId :

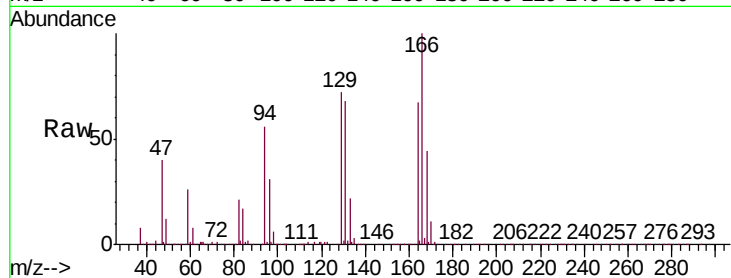
C0AN9

Tgt Ion:129 Resp: 44738

Ion Ratio Lower Upper

129 100

127 0.6 52.1 96.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

