

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\  
 Data File : VV018552.D  
 Acq On : 30 Sep 2020 05:41  
 Operator : SY/MD  
 Sample : L4144-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COAMO

Quant Time: Sep 30 06:06:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 30 04:50:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 345878   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 337793   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 167736   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

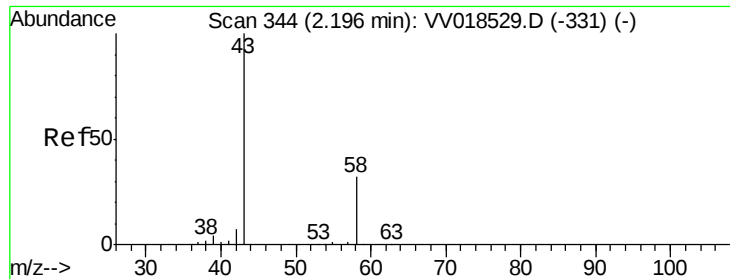
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 88413    | 43.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.18%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 87735    | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.62% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 149752   | 36.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.46%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 147544   | 97.51    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.51%  |
| 24) Chloroform-d               | 4.38    | 84    | 202331   | 46.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 136193   | 48.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.82%  |
| 32) Benzene-d6                 | 5.07    | 84    | 407833   | 47.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.34%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 129089   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.86%  |
| 41) Toluene-d8                 | 7.34    | 98    | 381312   | 47.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.74%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60143    | 43.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.12%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 78407    | 79.85    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.85%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 144588   | 42.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 166305   | 51.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.10% |

## Target Compounds

|                             |       |     |       |       | Ovalue    |
|-----------------------------|-------|-----|-------|-------|-----------|
| 13) Acetone                 | 2.21  | 43  | 12536 | 9.590 | ug/L 98   |
| 34) Trichloroethene         | 5.94  | 95  | 3153  | 1.094 | ug/L 92   |
| 39) cis-1,3-Dichloropropene | 7.01  | 75  | 3729  | 0.933 | ug/L # 76 |
| 46) Tetrachloroethene       | 8.00  | 164 | 1878  | 0.803 | ug/L 93   |
| 48) 2-Hexanone              | 8.16  | 43  | 13400 | 5.227 | ug/L # 76 |
| 49) Dibromochloromethane    | 8.00  | 129 | 1635  | 0.567 | ug/L # 11 |
| 59) 1,2,3-Trichloropropane  | 11.27 | 75  | 18830 | 6.080 | ug/L 90   |

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





#13

Acetone

Concen: 9.590 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Instrument :

MSVOA\_V

ClientSampleId :

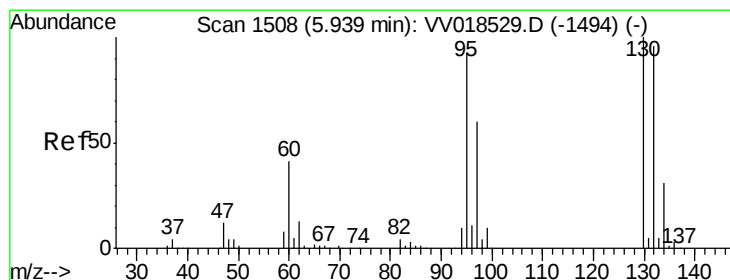
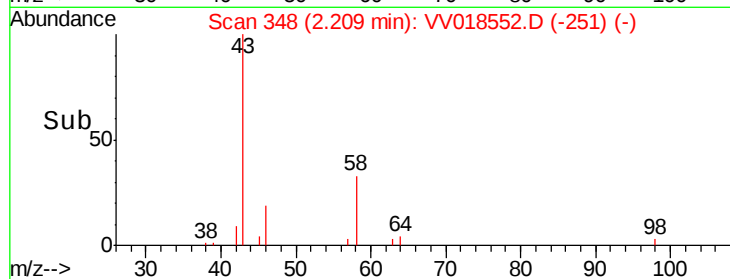
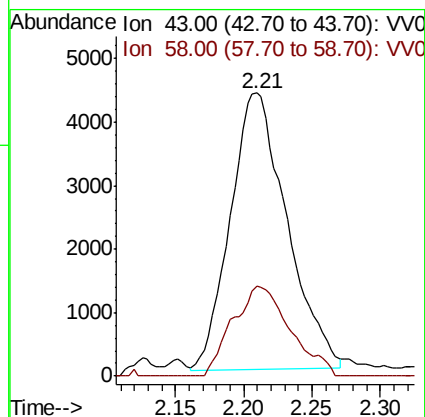
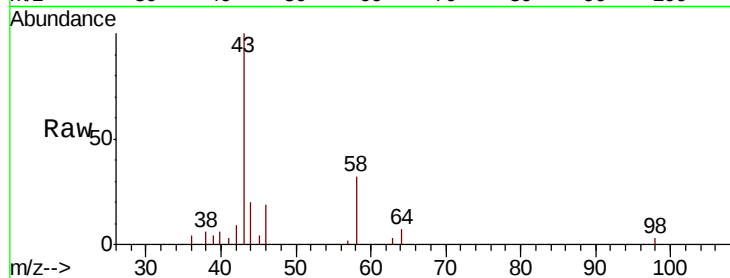
COAM0

Tot Ion: 43 Resp: 12536

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.0



#34

Trichloroethene

Concen: 1.094 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Tgt Ion: 95 Resp: 3153

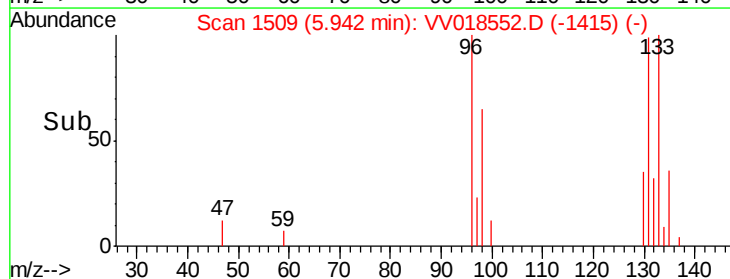
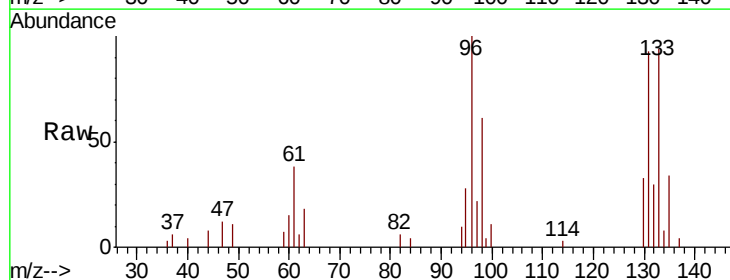
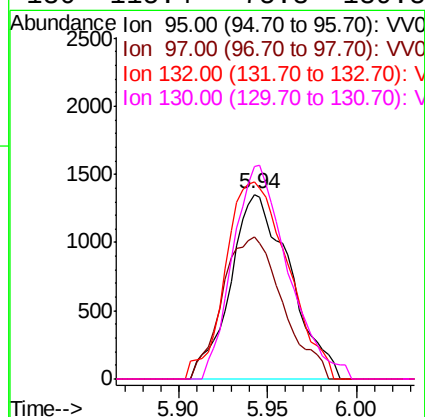
Ion Ratio Lower Upper

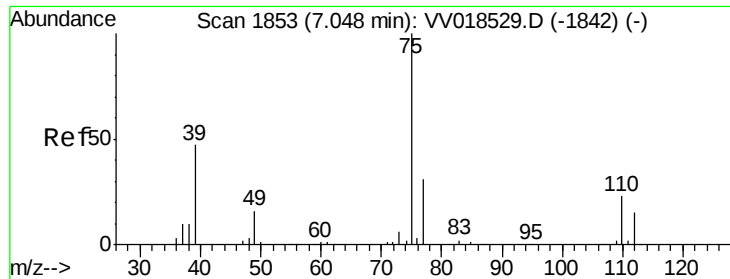
95 100

97 77.1 45.9 85.3

132 106.5 70.8 131.4

130 115.4 75.3 139.8

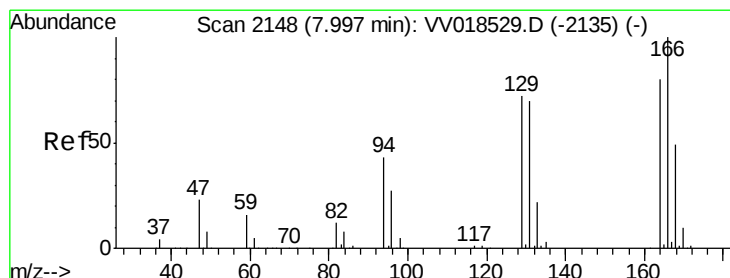
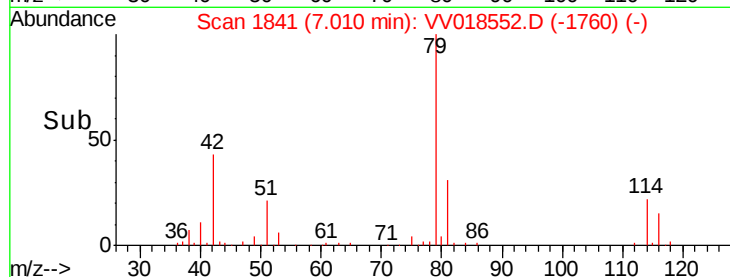
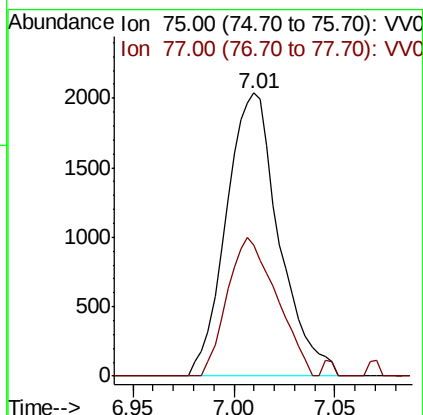
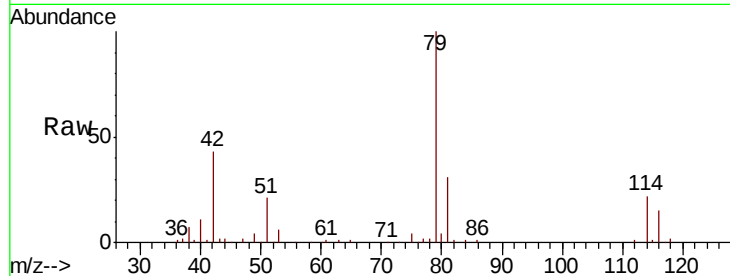




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.933 ug/L  
 RT: 7.01 min Scan# 1841  
 Delta R.T. -0.04 min  
 Lab File: VV018552.D  
 Acq: 30 Sep 2020 05:41

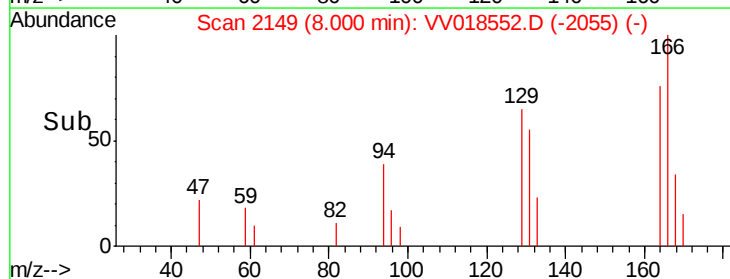
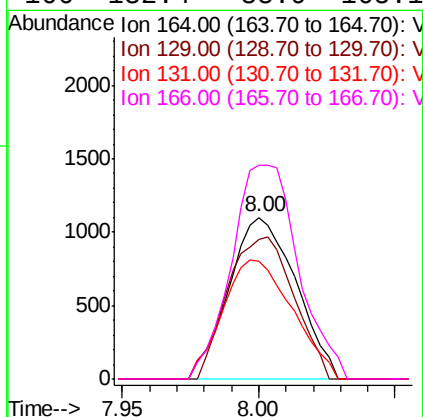
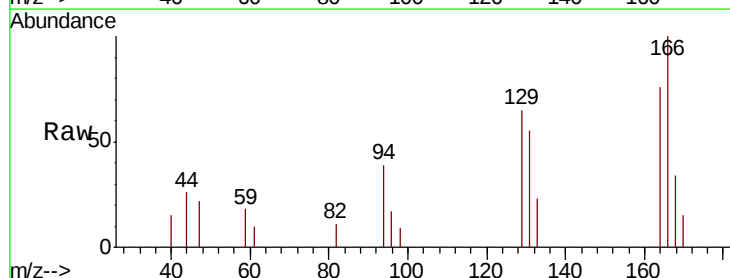
Instrument :  
 MSVOA\_V  
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 COAMO

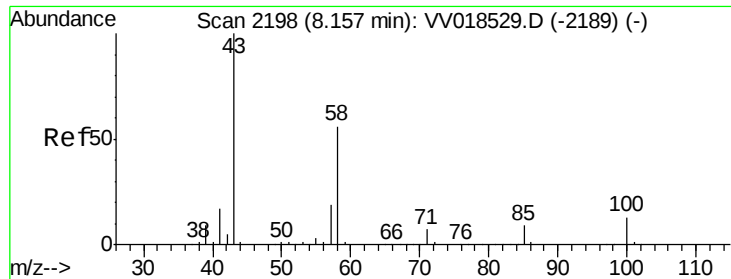
Tot Ion: 75 Resp: 3729  
 Ion Ratio Lower Upper  
 75 100  
 77 46.4 23.0 42.6#



#46  
 Tetrachloroethene  
 Concen: 0.803 ug/L  
 RT: 8.00 min Scan# 2149  
 Delta R.T. 0.00 min  
 Lab File: VV018552.D  
 Acq: 30 Sep 2020 05:41

Tgt Ion: 164 Resp: 1878  
 Ion Ratio Lower Upper  
 164 100  
 129 86.3 62.8 116.6  
 131 72.9 60.8 112.8  
 166 132.4 88.9 165.1

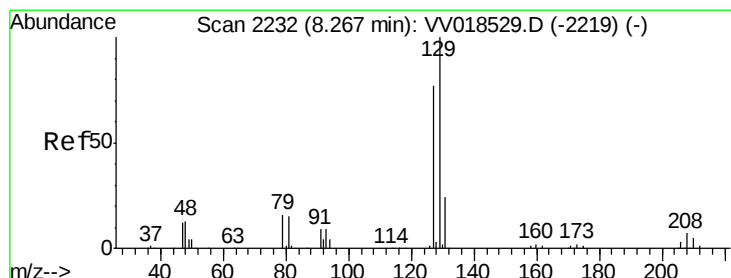
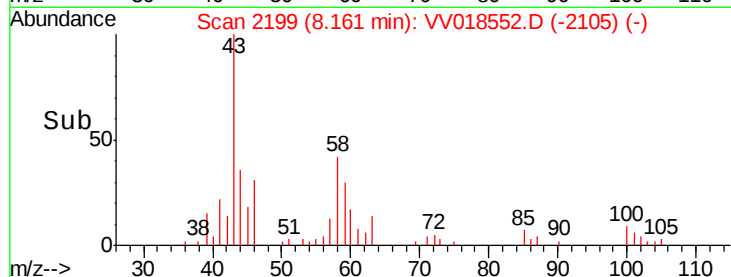
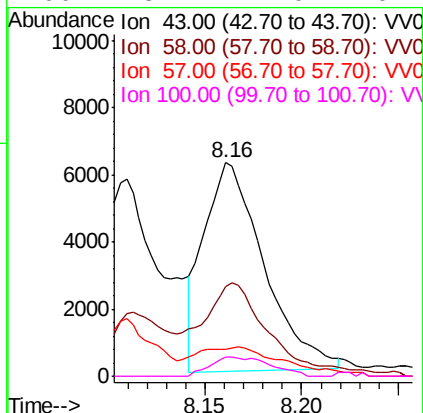
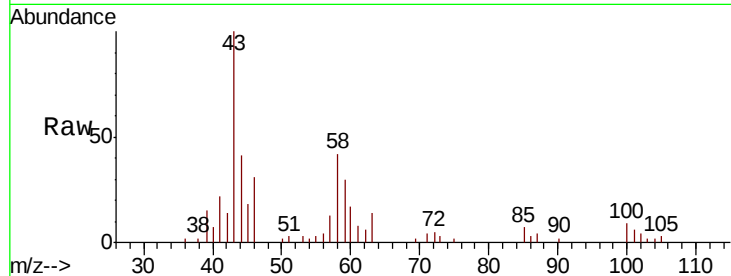




#48  
2-Hexanone  
Concen: 5.227 ug/L  
RT: 8.16 min Scan# 2199  
Delta R.T. 0.00 min  
Lab File: VV018552.D  
Acq: 30 Sep 2020 05:41

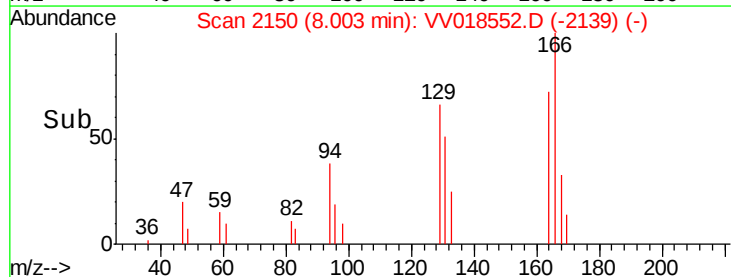
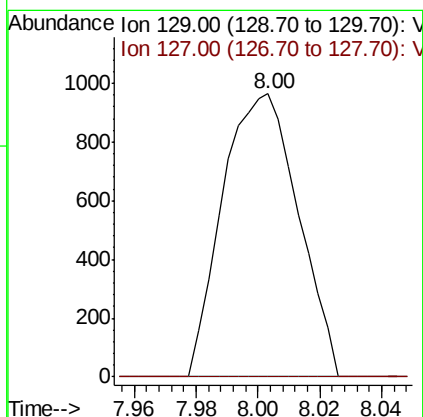
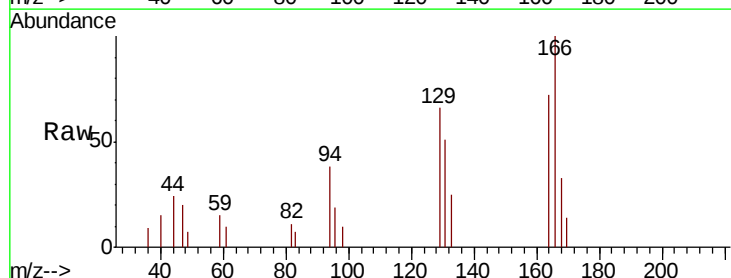
Instrument :  
MSVOA\_V  
ClientSampleId :  
COAM0

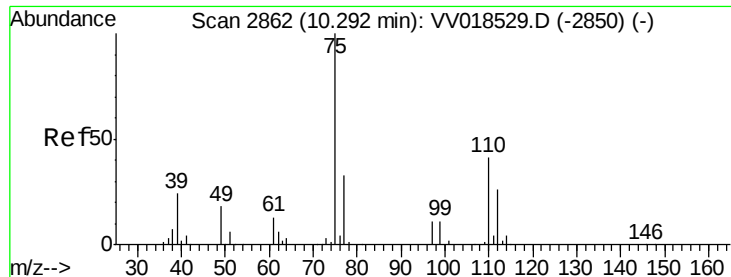
Tot Ion: 43 Resp: 13400  
Ion Ratio Lower Upper  
43 100  
58 42.6 45.1 67.7#  
57 1.9 15.7 23.5#  
100 5.2 11.0 16.4#



#49  
Dibromochloromethane  
Concen: 0.567 ug/L  
RT: 8.00 min Scan# 2150  
Delta R.T. -0.26 min  
Lab File: VV018552.D  
Acq: 30 Sep 2020 05:41

Tgt Ion: 129 Resp: 1635  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 6.080 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Instrument :

MSVOA\_V

ClientSampleId :

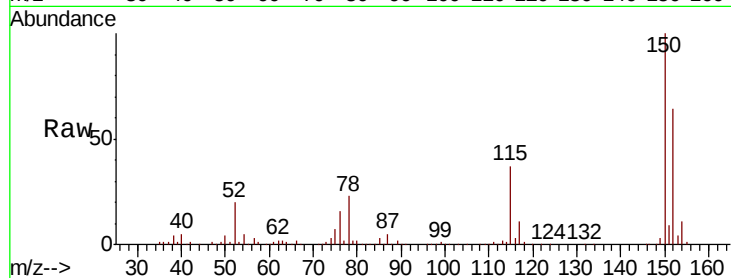
COAMO

Tot Ion: 75 Resp: 18830

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

