

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\  
 Data File : VV015686.D  
 Acq On : 24 Apr 2020 20:01  
 Operator : SY/MD  
 Sample : L2388-17  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSC9

Quant Time: Apr 25 04:47:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 25 00:15:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 125713   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 121153   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 58484    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 29169    | 4.44     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28980    | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 45580    | 3.17     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40% |
| 20) 2-Butanone-d5              | 3.90   | 46    | 103777   | 49.20    | ug/L | -0.03  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.40% |
| 24) Chloroform-d               | 4.38   | 84    | 72597    | 4.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 42383    | 4.95     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.00% |
| 32) Benzene-d6                 | 5.08   | 84    | 135698   | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 43425    | 4.70     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.00% |
| 41) Toluene-d8                 | 7.34   | 98    | 123090   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.60% |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 12229    | 3.42     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 68.40% |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 79990    | 45.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.82% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 32099    | 4.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 48477    | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60% |

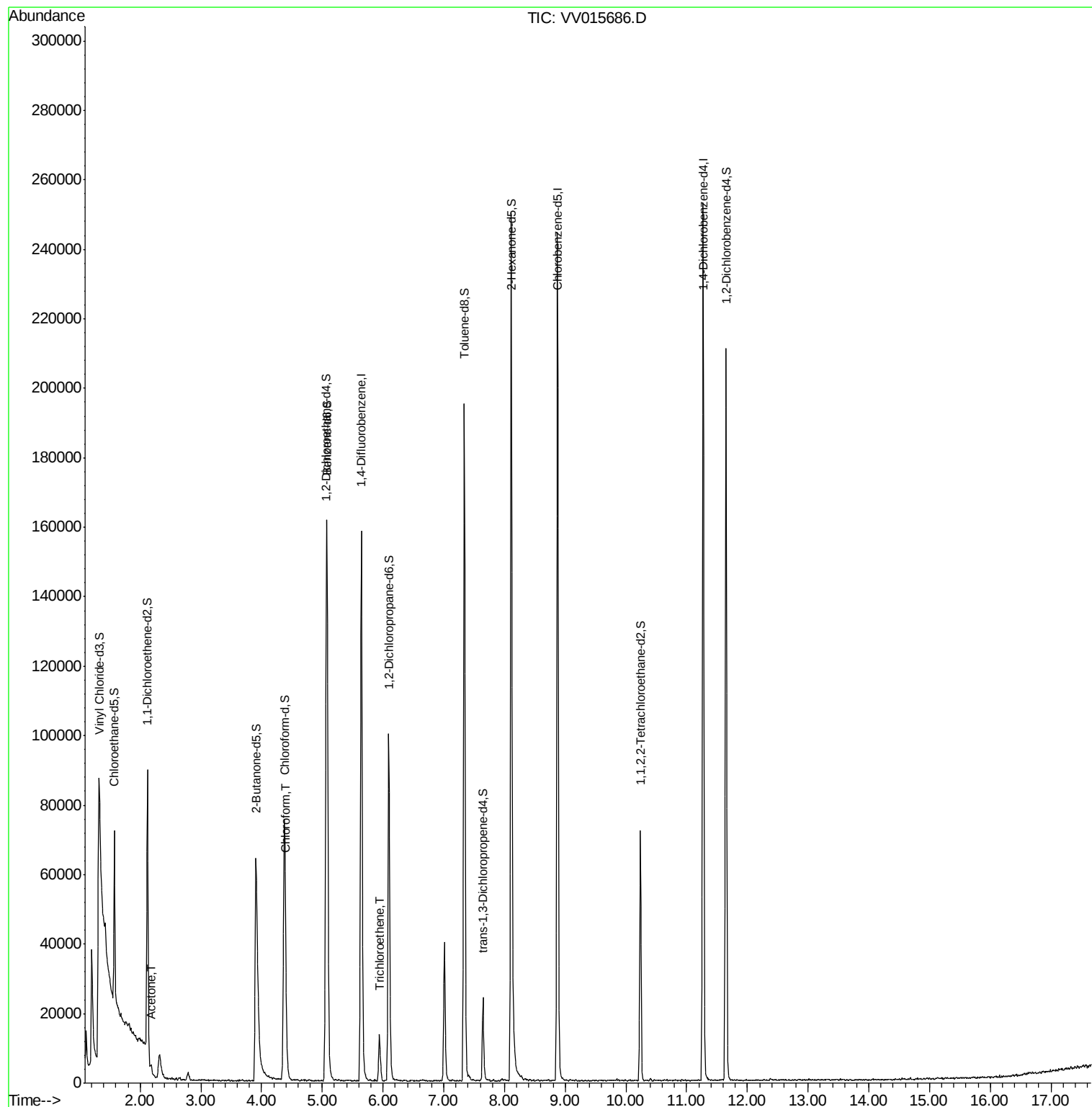
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 13) Acetone         | 2.18 | 43 | 3335 | 2.277 ug/L | 96     |
| 25) Chloroform      | 4.40 | 83 | 8930 | 0.523 ug/L | 94     |
| 34) Trichloroethene | 5.94 | 95 | 4490 | 0.470 ug/L | 94     |

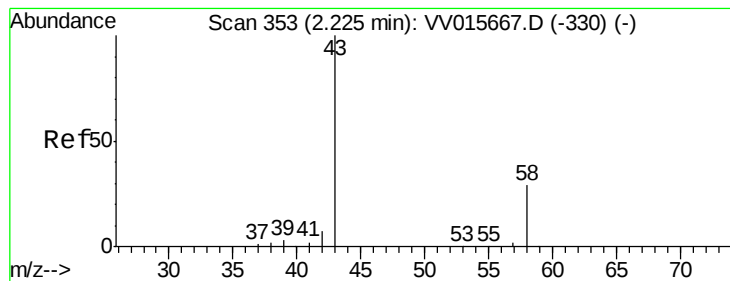
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.277 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015686.D

Acq: 24 Apr 2020 20:01

Instrument :

MSVOA\_V

ClientSampled :

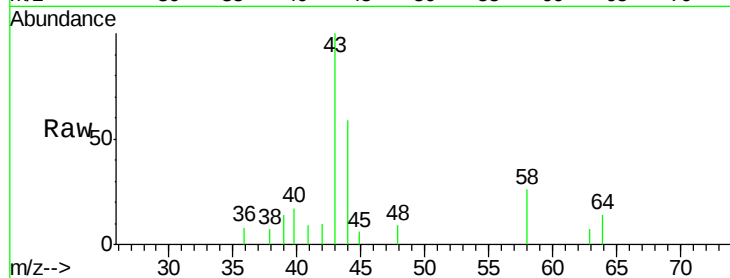
BFSC9

Tot Ion: 43 Resp: 3335

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015686.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015686.D (-260) (-)

2.18

1500

1000

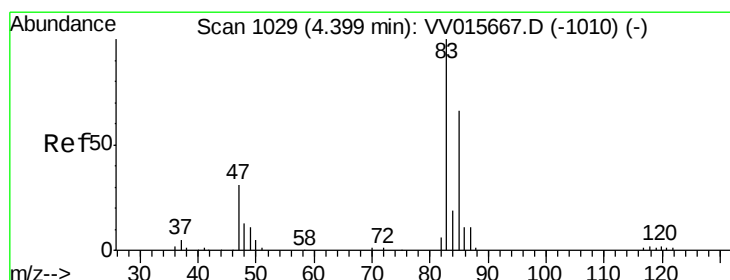
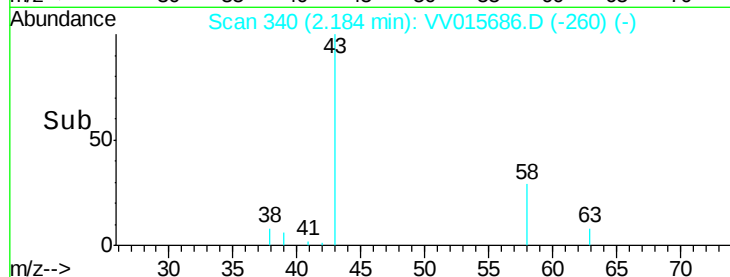
500

0

2.15

2.20

Time-->



#25

Chloroform

Concen: 0.523 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015686.D

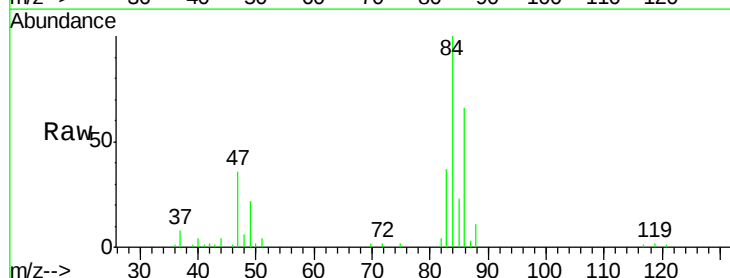
Acq: 24 Apr 2020 20:01

Tgt Ion: 83 Resp: 8930

Ion Ratio Lower Upper

83 100

85 61.1 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015686.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015686.D (-936) (-)

4.40

4000

3000

2000

1000

0

4.30

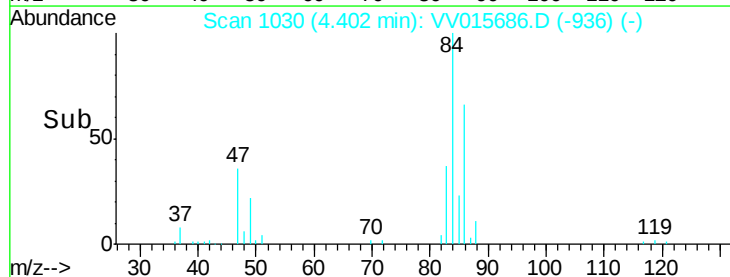
4.35

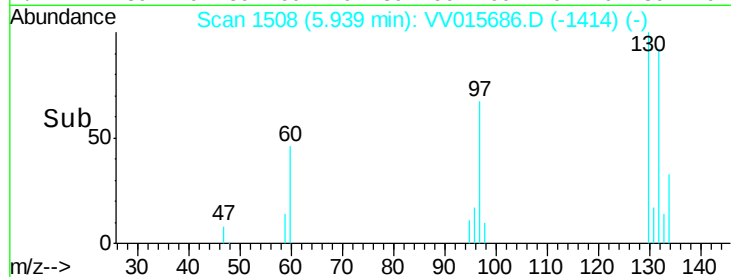
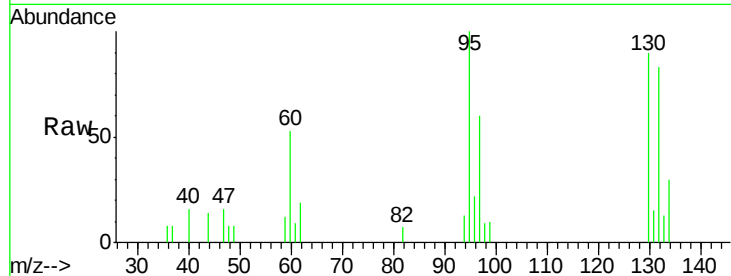
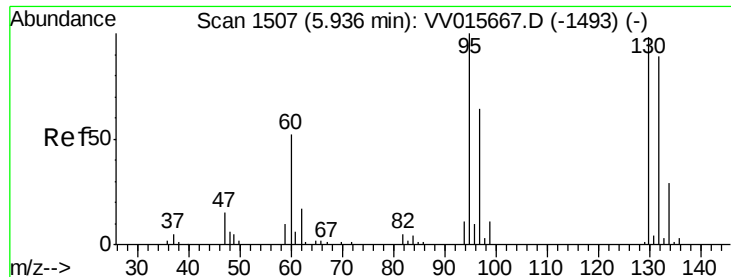
4.40

4.45

4.50

Time-->





#34

Trichloroethene

Concen: 0.470 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015686.D

Acq: 24 Apr 2020 20:01

Instrument :

MSVOA\_V

ClientSampleId :

BFSC9

Tot Ion: 95 Resp: 4490

Ion Ratio Lower Upper

95 100

97 60.4 44.7 82.9

132 83.1 65.2 121.0

130 90.1 65.0 120.6

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

