

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040121\  
 Data File : VW018528.D  
 Acq On : 01 Apr 2021 11:44  
 Operator : SY/VA  
 Sample : M1881-01  
 Misc : 5.55G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ESQF5

Quant Time: Apr 02 03:29:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 02 03:28:33 2021  
 Response via : Initial Calibration

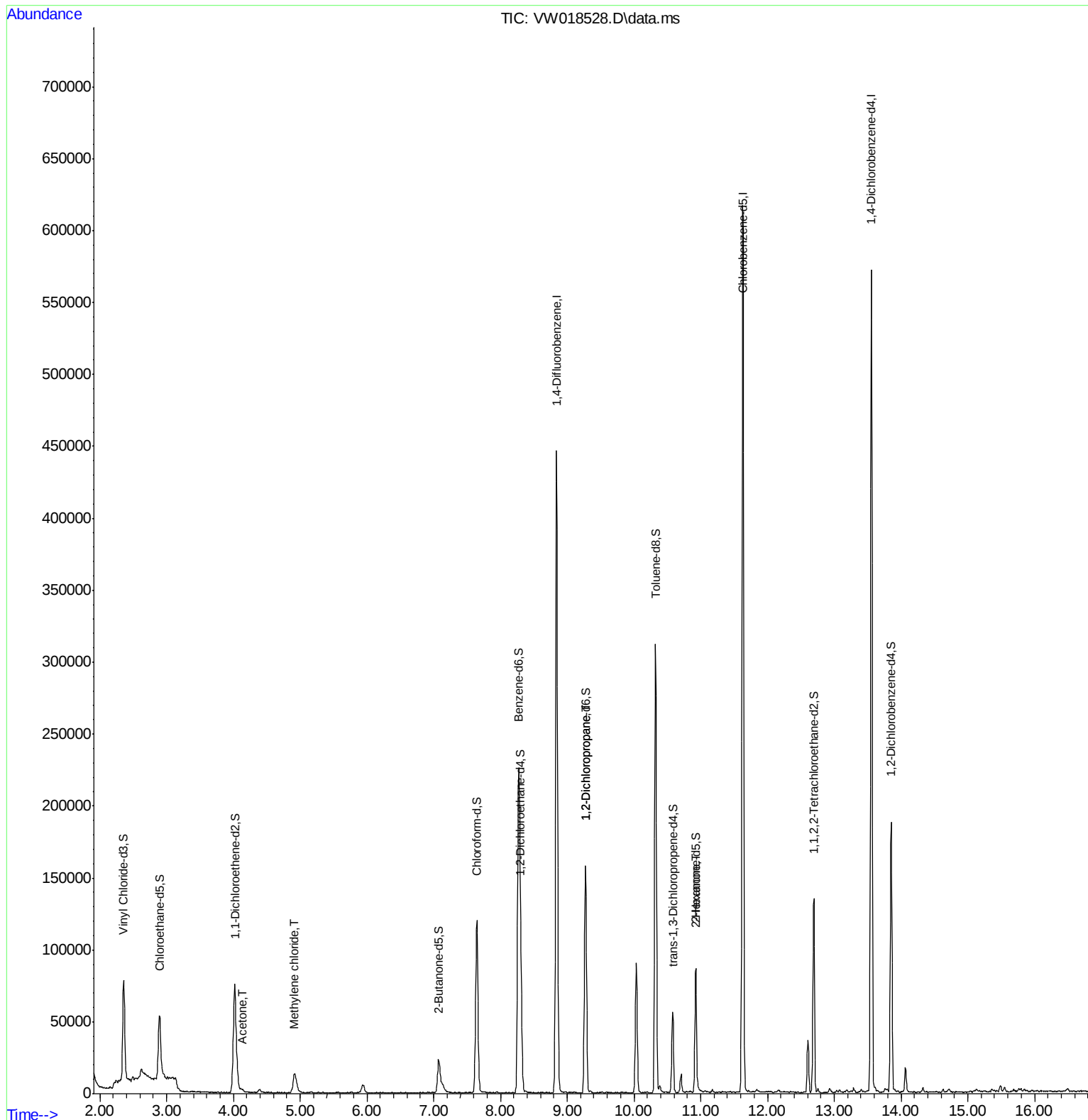
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 372120     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 330741     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 140260     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 82838      | 16.00   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 64.00%  |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 63663      | 14.04   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 56.16%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 84798      | 9.48    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 37.92%# |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 38372      | 33.28   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 66.56%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 121241     | 12.79   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 51.16%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 81345      | 14.70   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 58.80%# |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 227515     | 12.94   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 51.76%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 69370      | 13.68   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 54.72%# |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 202563     | 11.96   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 47.84%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 31212      | 11.93   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 47.72%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 30627      | 30.86   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.72%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 64824      | 14.29   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 57.16%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 45767      | 9.18    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 36.72%# |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 13) Acetone                   | 4.129          | 43   | 2689       | 3.25    | ug/L   | 84       |
| 16) Methylene chloride        | 4.915          | 84   | 6172       | 1.01    | ug/L   | 95       |
| 40) 1,2-Dichloropropane       | 9.274          | 63   | 8962       | 1.91    | ug/L # | 84       |
| 49) 2-Hexanone                | 10.920         | 43   | 4278       | 2.15    | ug/L # | 61       |
| -----                         |                |      |            |         |        |          |

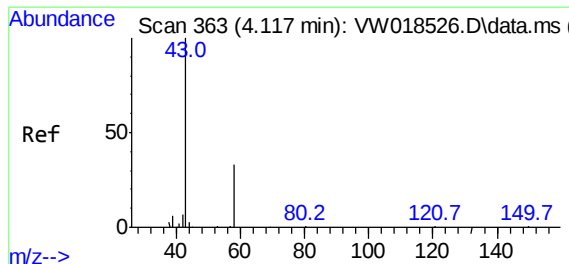
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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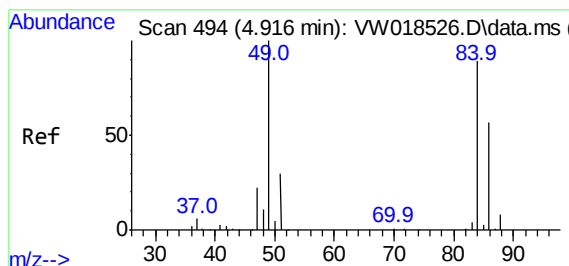
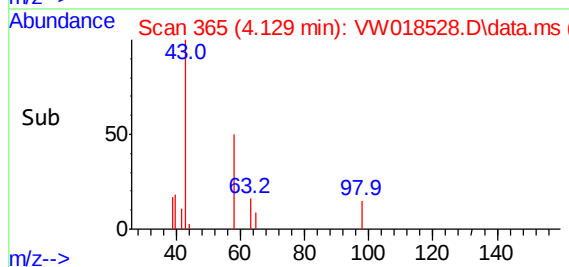
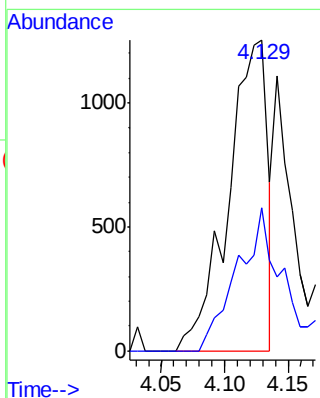
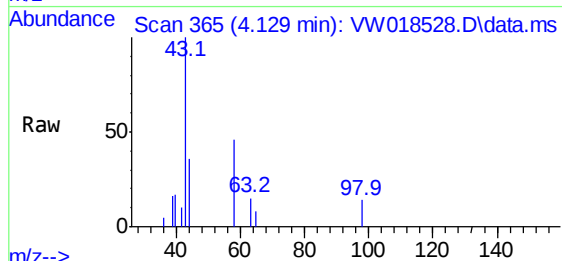




#13  
Acetone  
Concen: 3.25 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018528.D  
Acq: 01 Apr 2021 11:44

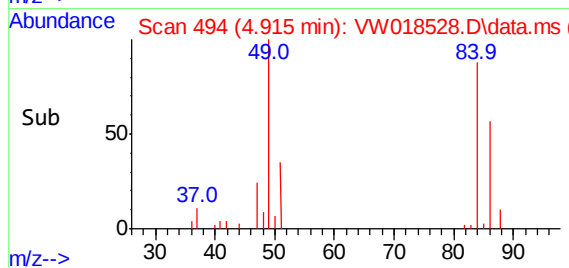
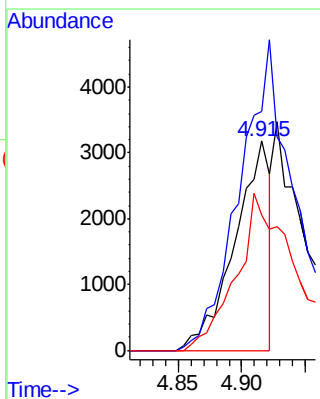
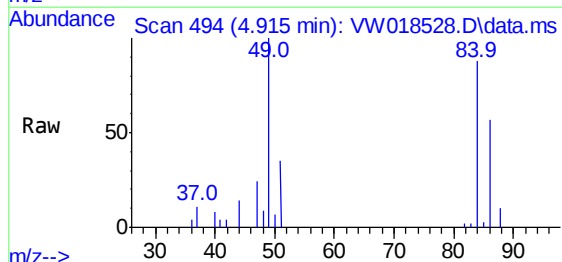
Instrument :  
MSVOA\_W  
ClientSampled :  
ESQF5

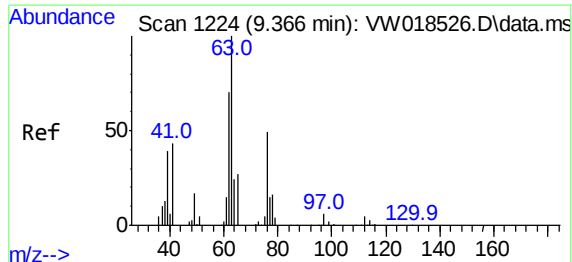
Tgt Ion: 43 Resp: 2689  
Ion Ratio Lower Upper  
43 100  
58 22.1 0.0 62.2



#16  
Methylene chloride  
Concen: 1.01 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW018528.D  
Acq: 01 Apr 2021 11:44

Tgt Ion: 84 Resp: 6172  
Ion Ratio Lower Upper  
84 100  
49 114.2 74.4 138.2  
86 64.9 46.1 85.7

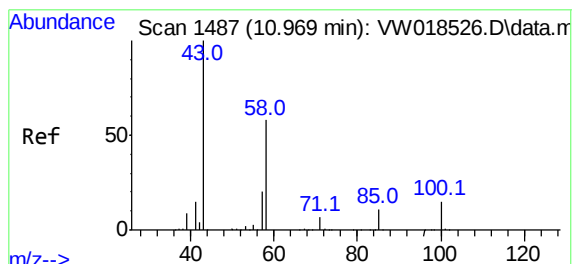
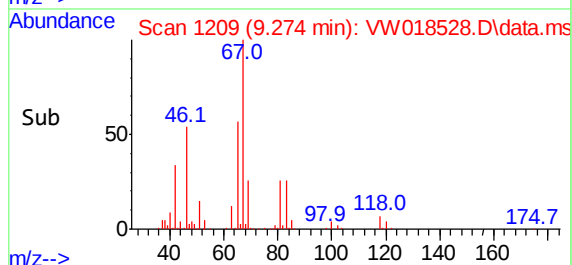
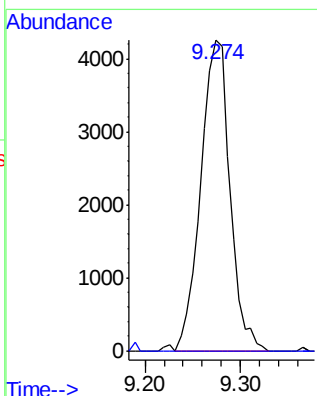
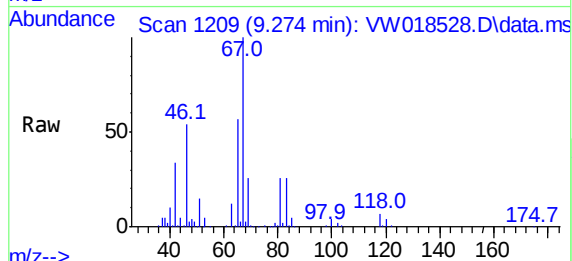




#40  
1,2-Dichloropropane  
Concen: 1.91 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.092 min  
Lab File: VW018528.D  
Acq: 01 Apr 2021 11:44

Instrument :  
MSVOA\_W  
ClientSampled :  
ESQF5

Tgt Ion: 63 Resp: 8962  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.2 6.4#



#49  
2-Hexanone  
Concen: 2.15 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW018528.D  
Acq: 01 Apr 2021 11:44

Tgt Ion: 43 Resp: 4278  
Ion Ratio Lower Upper  
43 100  
58 18.4 47.3 70.9#  
57 21.6 17.3 25.9  
100 0.0 12.9 19.3#

