

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010829.D
 Acq On : 17 Jun 2019 15:58
 Operator : SY/VA
 Sample : K3363-09
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 07:50:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 05:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189711	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44209	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72603	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
7) Chloroethane-d5	2.88	69	66226	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.01	63	125216	15.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.28%
20) 2-Butanone-d5	7.08	46	49447	31.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.92%
24) Chloroform-d	7.65	84	112031	20.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	8.31	65	102770	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.27	84	324749	28.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.68%
33) 1,2-Dichloropropane-d6	9.27	67	116218	31.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.92%#
37) Toluene-d8	10.32	98	248096	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	10.58	79	34389	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.52%
39) 2-Hexanone-d5	10.93	63	34181	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80455	26.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	40076	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

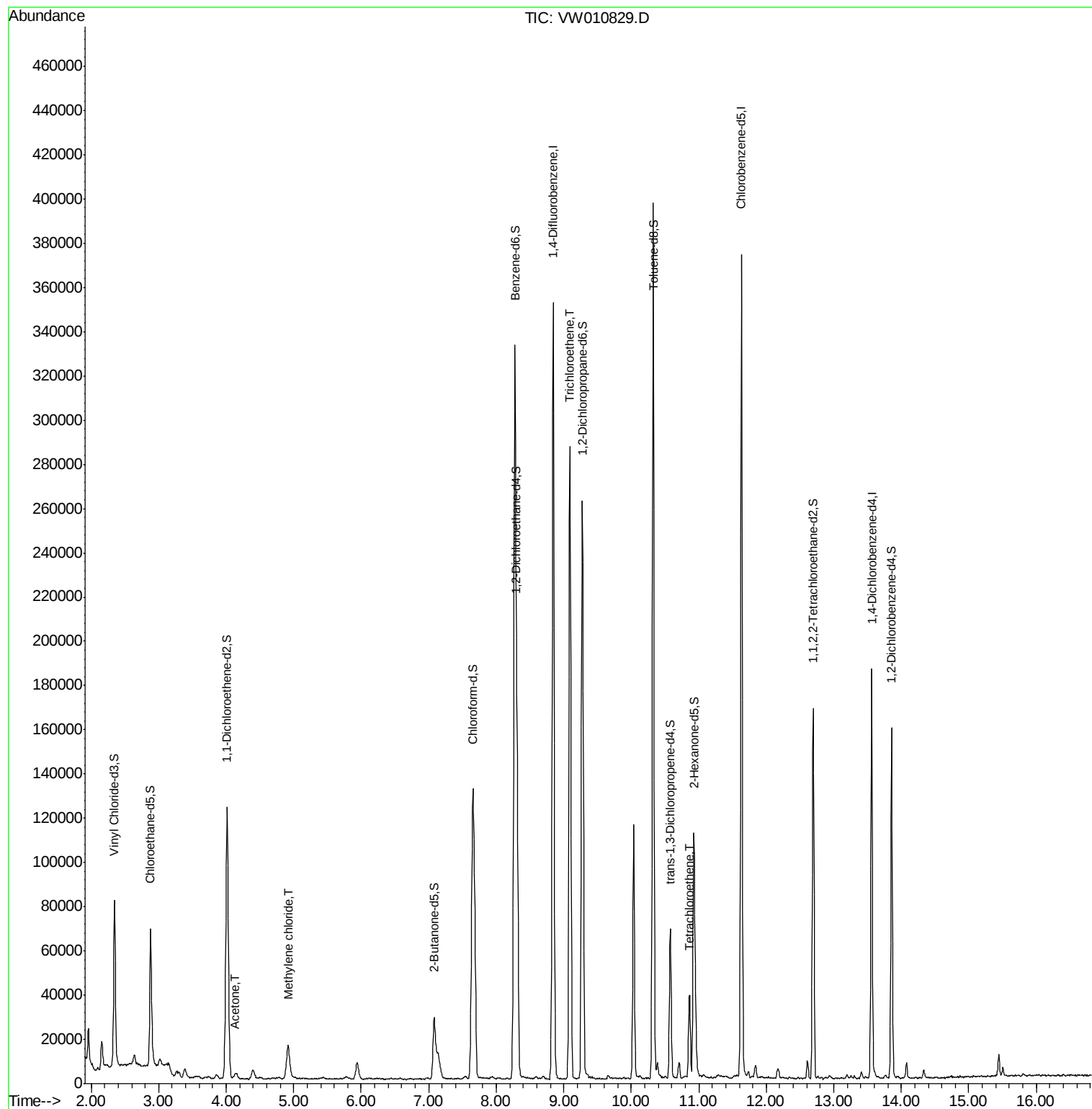
Target Compounds

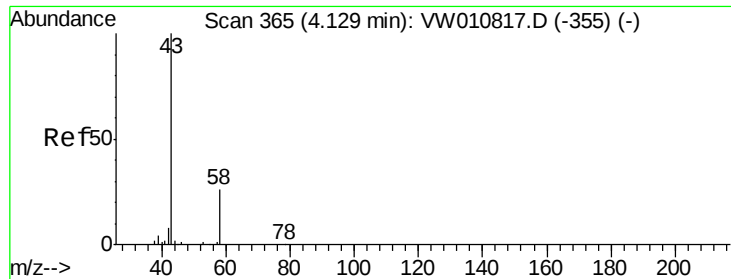
					Ovalue
13) Acetone	4.14	43	3244	1.952 ug/L	62
16) Methylene chloride	4.92	84	10486	2.823 ug/L	98
35) Trichloroethene	9.09	95	97372	32.563 ug/L	98
47) Tetrachloroethene	10.87	164	8439	3.766 ug/L	98

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

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#13

Acetone

Concen: 1.952 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010829.D

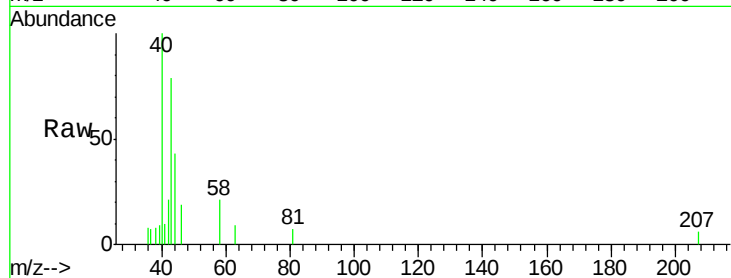
Acq: 17 Jun 2019 15:58

Tot Ion: 43 Resp: 3244

Ion Ratio Lower Upper

43 100

58 7.5 0.0 54.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

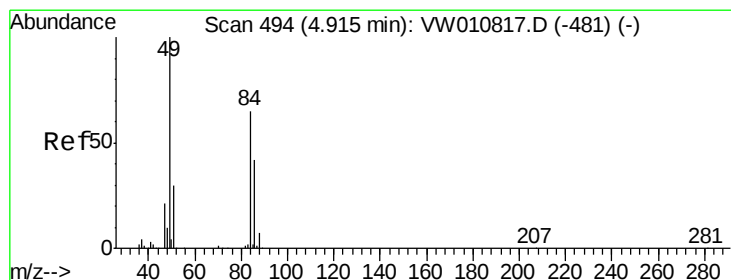
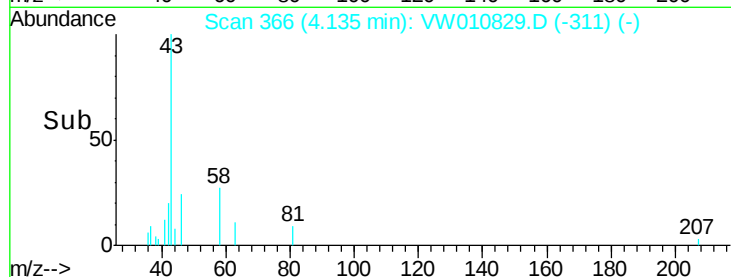
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.823 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010829.D

Acq: 17 Jun 2019 15:58

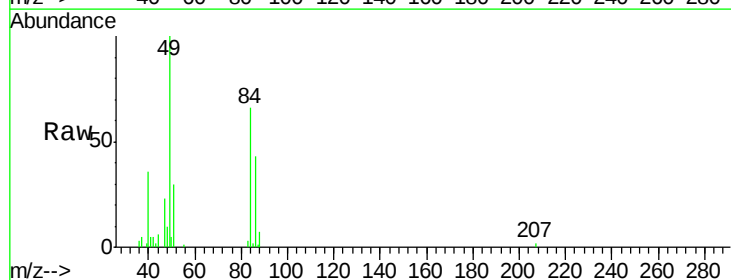
Tgt Ion: 84 Resp: 10486

Ion Ratio Lower Upper

84 100

49 152.4 105.2 195.4

86 64.8 43.7 81.1



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

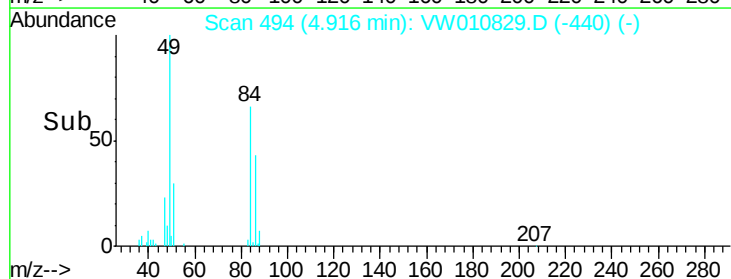
6000

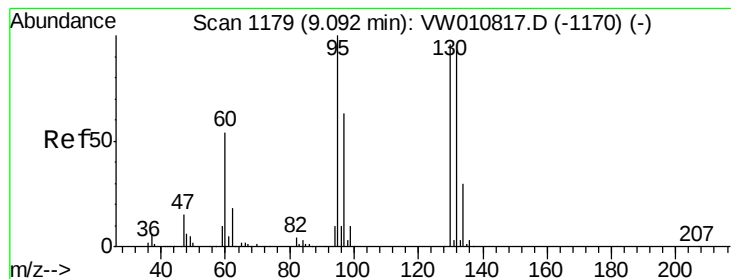
4000

2000

0

Time-->





#35

Trichloroethene

Concen: 32.563 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010829.D

Acq: 17 Jun 2019 15:58

Tot Ion: 95 Resp: 97372

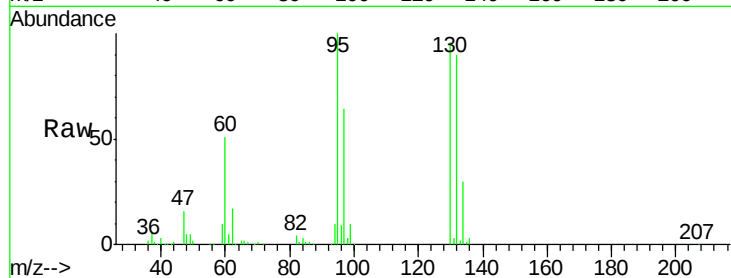
Ion Ratio Lower Upper

95 100

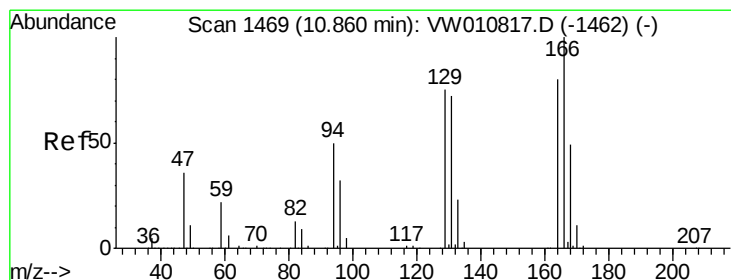
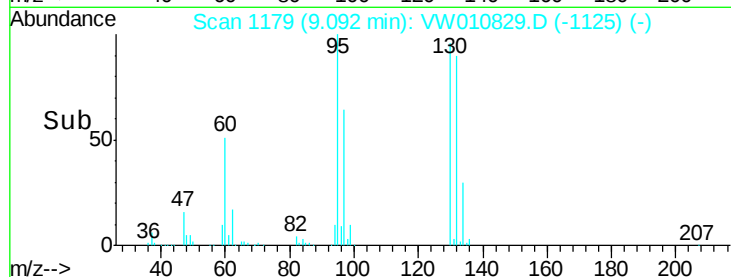
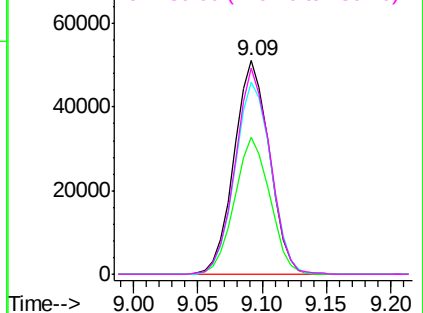
97 63.9 45.4 84.2

132 91.5 65.0 120.6

130 95.1 68.3 126.9



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 3.766 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010829.D

Acq: 17 Jun 2019 15:58

Tgt Ion: 164 Resp: 8439

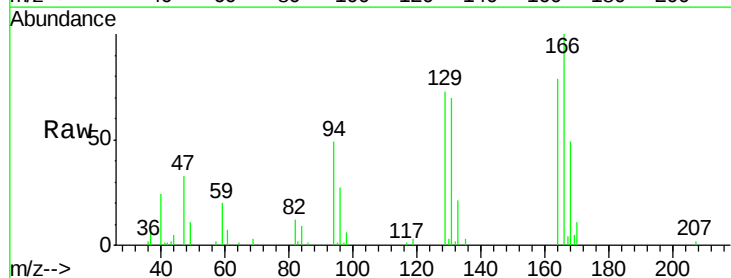
Ion Ratio Lower Upper

164 100

129 93.1 64.5 119.7

131 89.5 63.6 118.0

166 127.4 85.8 159.3



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

