

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010823.D
 Acq On : 17 Jun 2019 13:06
 Operator : SY/VA
 Sample : K3324-21
 Misc : 4.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 07:23:33 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	284242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	232754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69269	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.88	69	63102	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.01	63	120741	14.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.28%
20) 2-Butanone-d5	7.07	46	87414	53.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.64%
24) Chloroform-d	7.65	84	140245	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	106383	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	8.27	84	313846	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.27	67	112834	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.32	98	258715	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.88%
38) trans-1,3-Dichloropropene-	10.58	79	42740	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	10.93	63	60525	56.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100419	26.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	69851	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

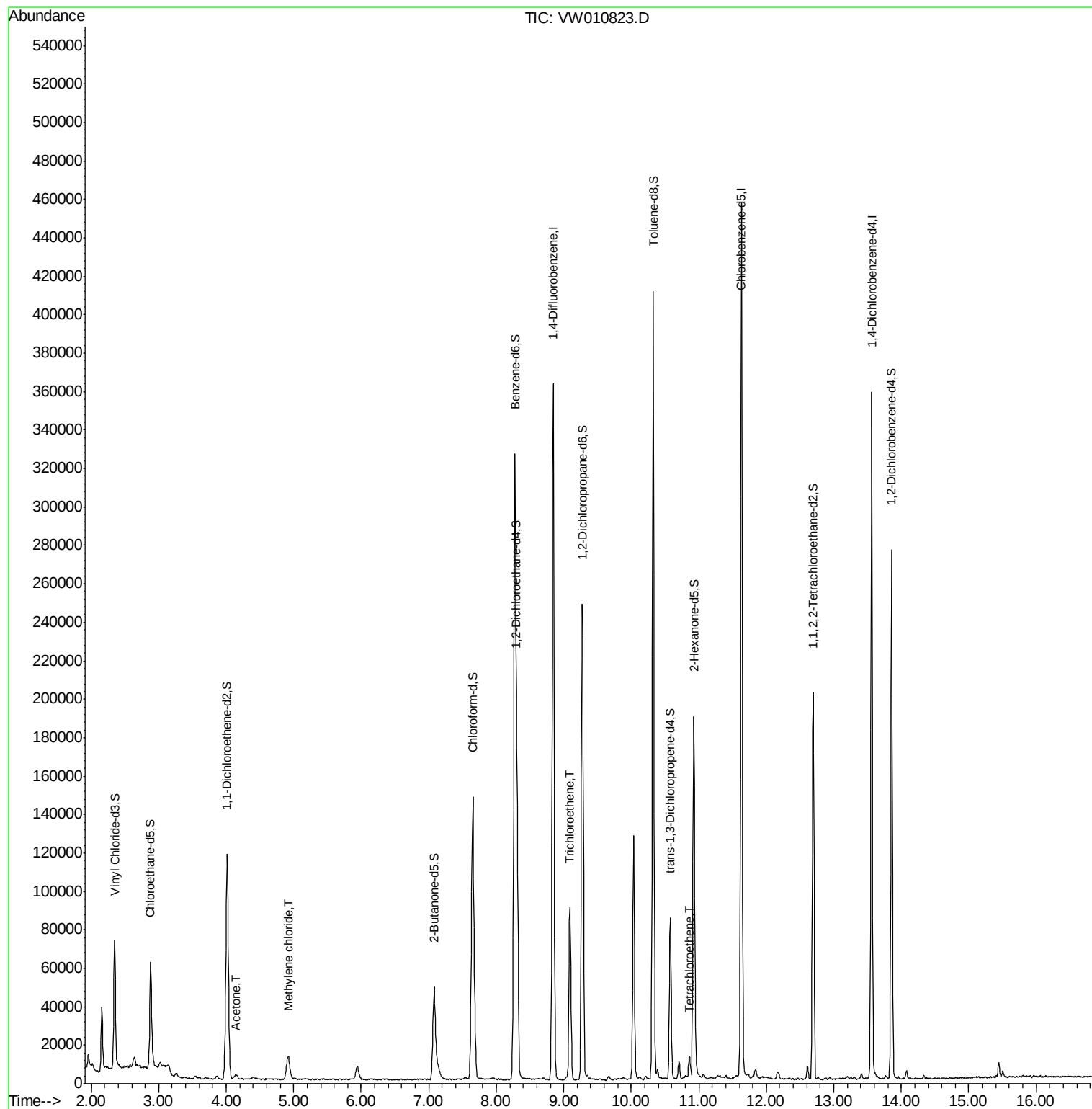
Target Compounds

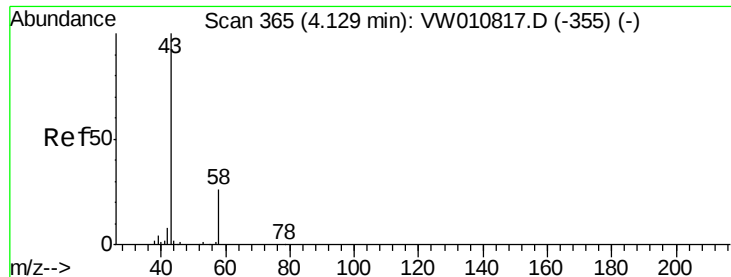
					Ovalue
13) Acetone	4.14	43	3087	1.769 ug/L	99
16) Methylene chloride	4.92	84	8951	2.295 ug/L	93
35) Trichloroethene	9.09	95	31162	8.494 ug/L	99
47) Tetrachloroethene	10.87	164	2185	0.795 ug/L	96

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

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#13

Acetone

Concen: 1.769 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010823.D

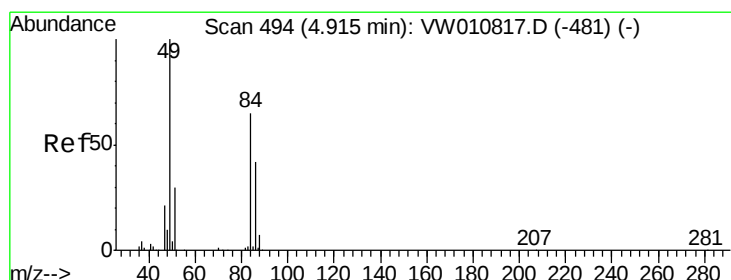
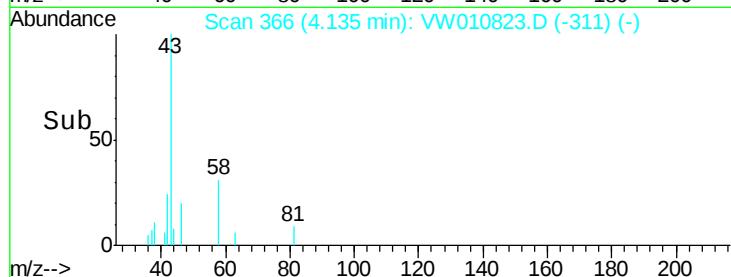
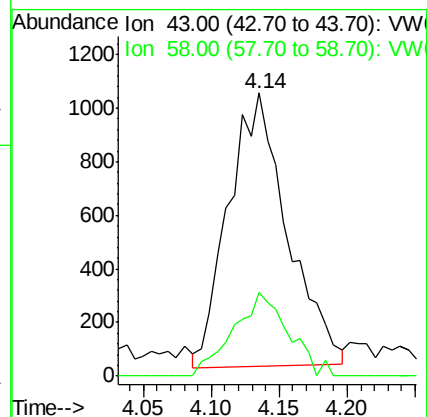
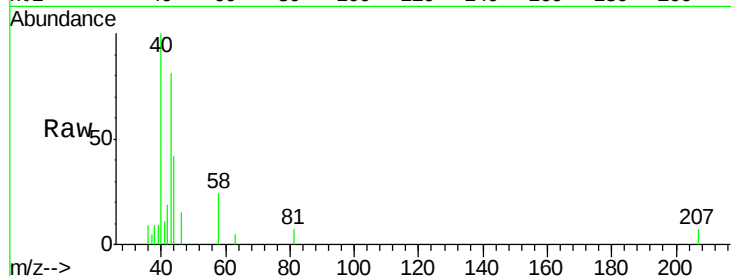
Acq: 17 Jun 2019 13:06

Tot Ion: 43 Resp: 3087

Ion Ratio Lower Upper

43 100

58 27.8 0.0 54.6



#16

Methylene chloride

Concen: 2.295 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

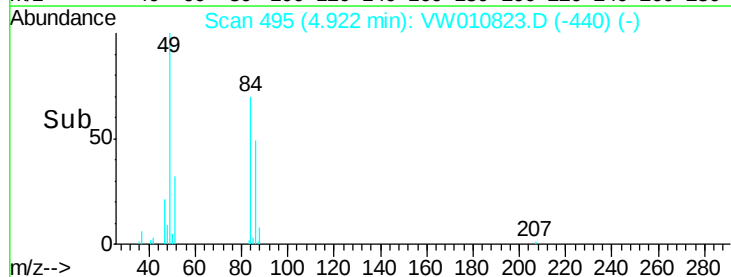
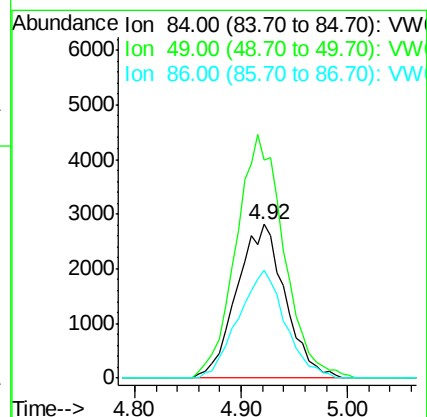
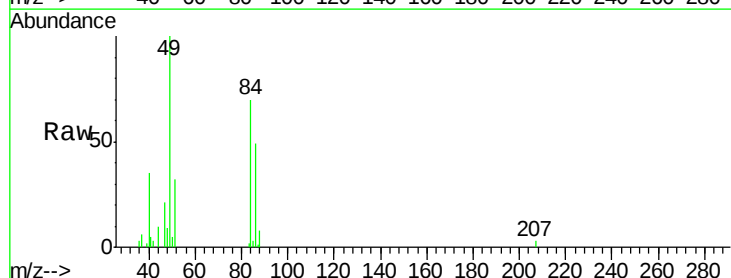
Tgt Ion: 84 Resp: 8951

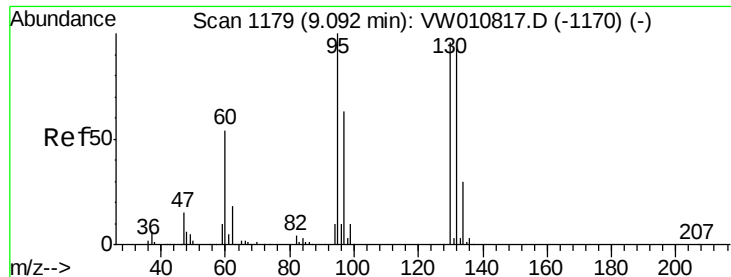
Ion Ratio Lower Upper

84 100

49 142.0 105.2 195.4

86 70.0 43.7 81.1





#35

Trichloroethene

Concen: 8.494 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

Tot Ion: 95 Resp: 31162

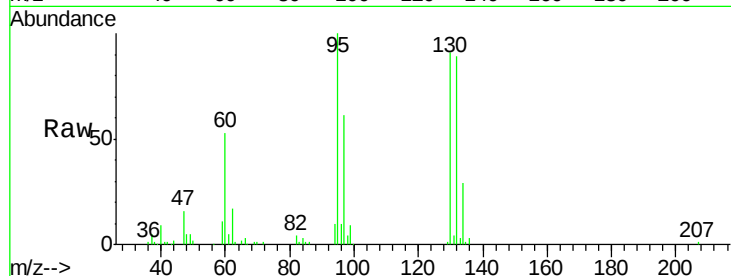
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.4	84.2
132	93.4	65.0	120.6
130	95.3	68.3	126.9

95 100

97 65.2 45.4 84.2

132 93.4 65.0 120.6

130 95.3 68.3 126.9



Abundance

Ion 95.00 (94.70 to 95.70): VW

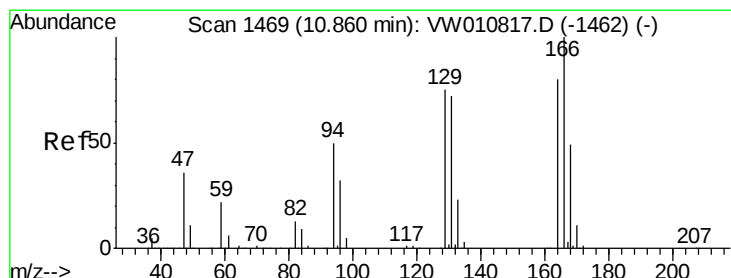
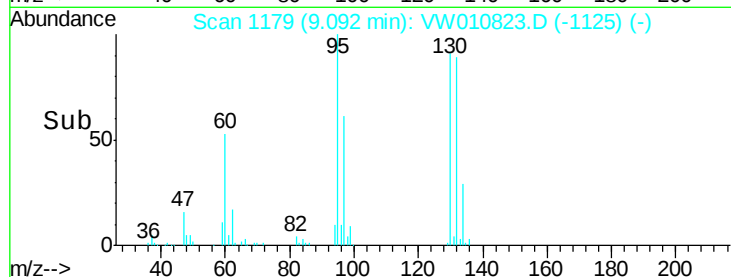
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

9.09

Time-->



#47

Tetrachloroethene

Concen: 0.795 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010823.D

Acq: 17 Jun 2019 13:06

Tgt Ion: 164 Resp: 2185

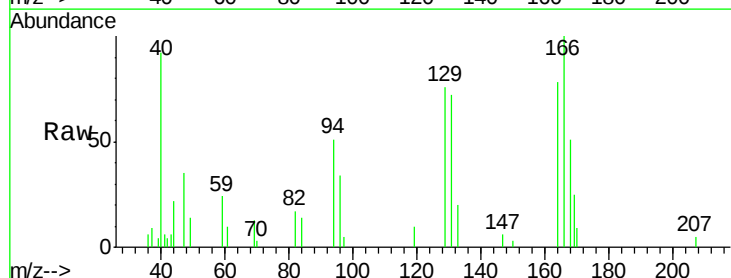
Ion	Ratio	Lower	Upper
164	100		
129	97.2	64.5	119.7
131	91.7	63.6	118.0
166	127.6	85.8	159.3

164 100

129 97.2 64.5 119.7

131 91.7 63.6 118.0

166 127.6 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

10.87

Time-->

