

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010821.D
 Acq On : 17 Jun 2019 12:12
 Operator : SY/VA
 Sample : K3324-19
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 07:01:02 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	307261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	250571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77010	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	2.88	69	68975	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	4.01	63	132671	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.08	46	95512	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
24) Chloroform-d	7.65	84	159143	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.30	65	113176	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	352314	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	9.27	67	124479	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	285490	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	10.58	79	45454	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	10.93	63	64533	56.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106084	26.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	81848	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

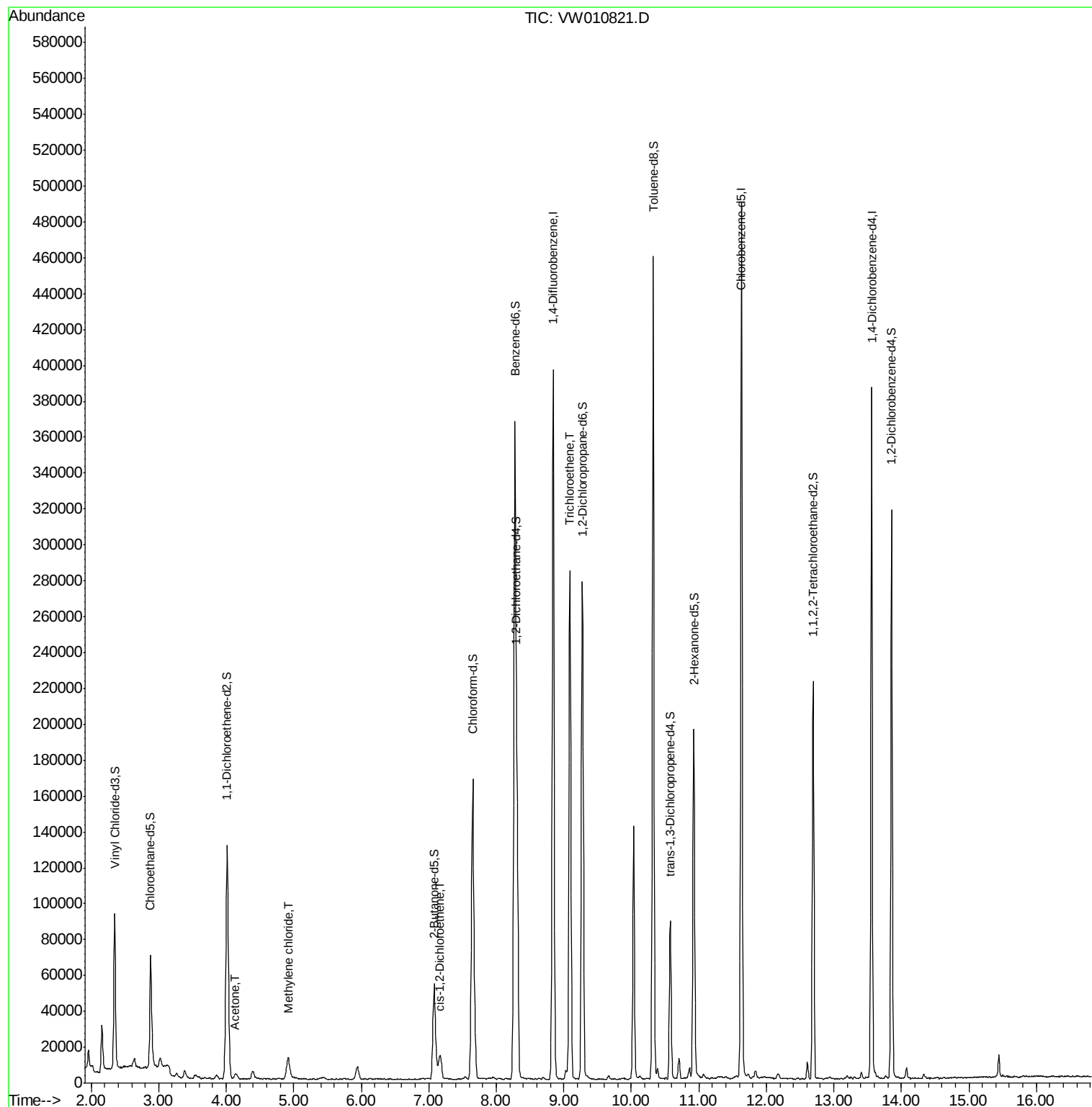
Target Compounds

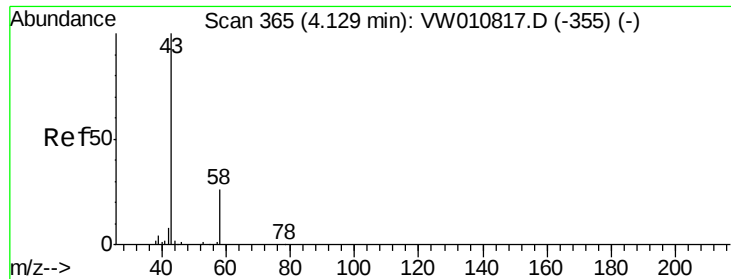
					Ovalue
13) Acetone	4.13	43	3580	1.898 ug/L	82
16) Methylene chloride	4.93	84	8424m	1.998 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	6494	1.433 ug/L	94
35) Trichloroethene	9.09	95	98364	24.905 ug/L	97

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

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#13

Acetone

Concen: 1.898 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW010821.D

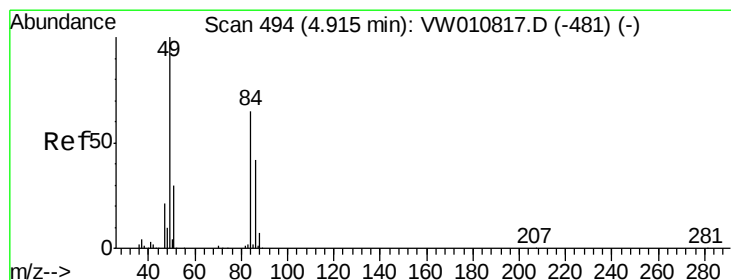
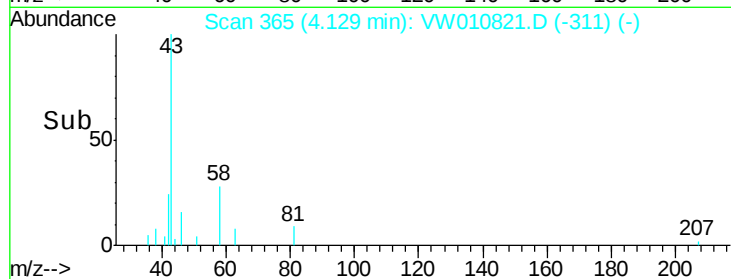
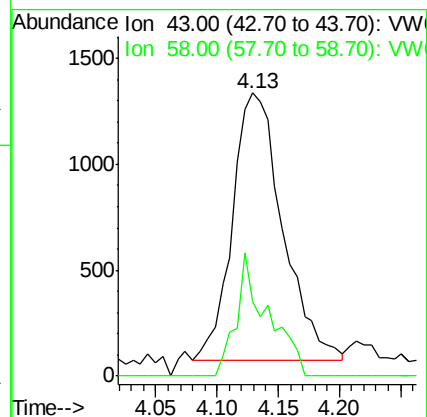
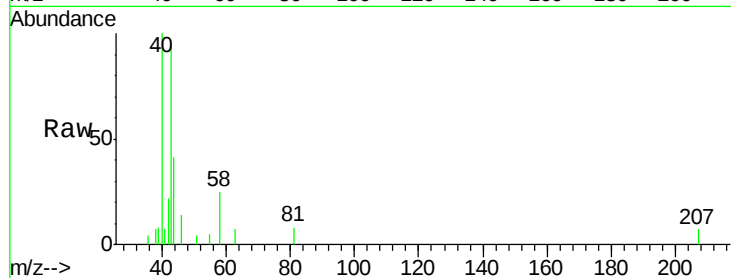
Acq: 17 Jun 2019 12:12

Tot Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

58 17.9 0.0 54.6



#16

Methylene chloride

Concen: 1.998 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW010821.D

Acq: 17 Jun 2019 12:12

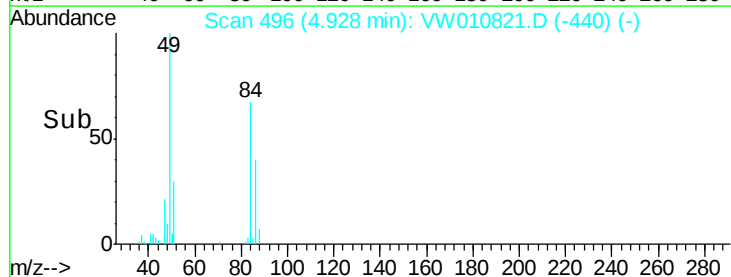
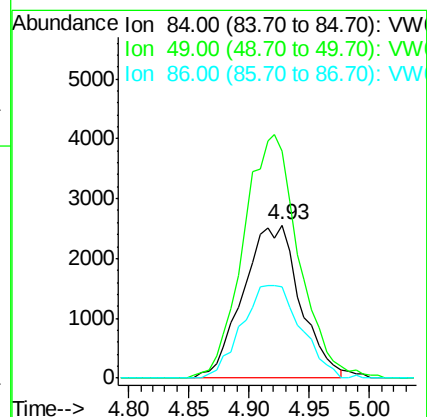
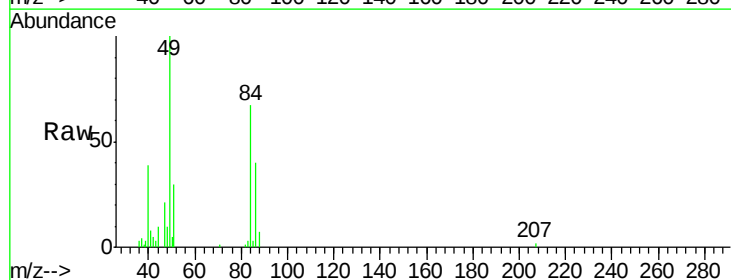
Tgt Ion: 84 Resp: 8424

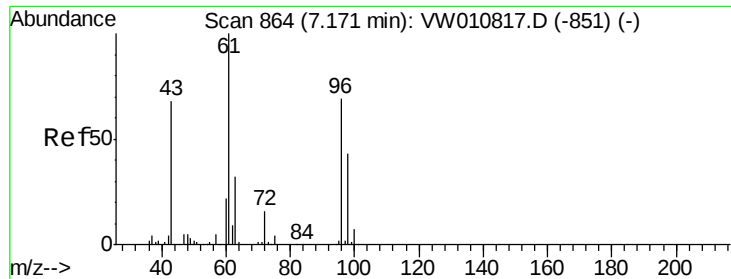
Ion Ratio Lower Upper

84 100

49 148.2 105.2 195.4

86 59.9 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 1.433 ug/L

RT: 7.17 min Scan# 864

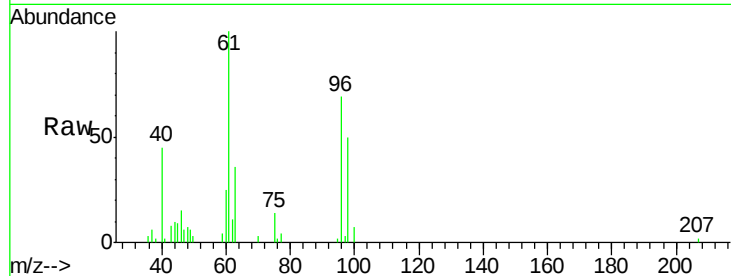
Delta R.T. -0.00 min

Lab File: VW010821.D

Acq: 17 Jun 2019 12:12

Tot Ion: 96 Resp: 6494

Ion	Ratio	Lower	Upper
96	100		
61	145.9	105.3	195.6
98	73.1	44.6	82.8

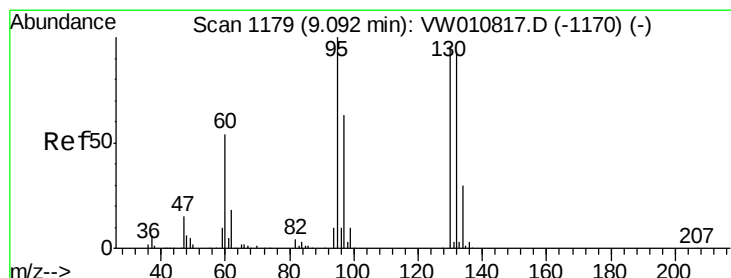
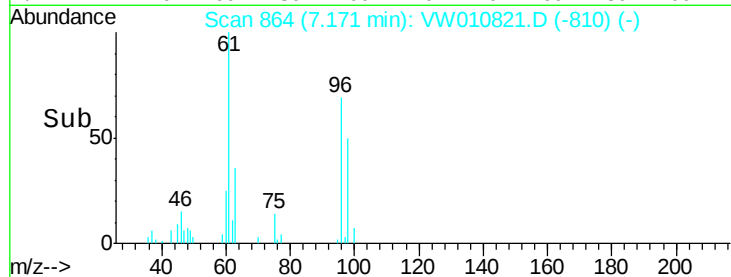
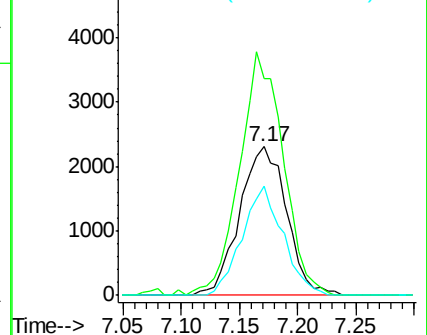


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 24.905 ug/L

RT: 9.09 min Scan# 1179

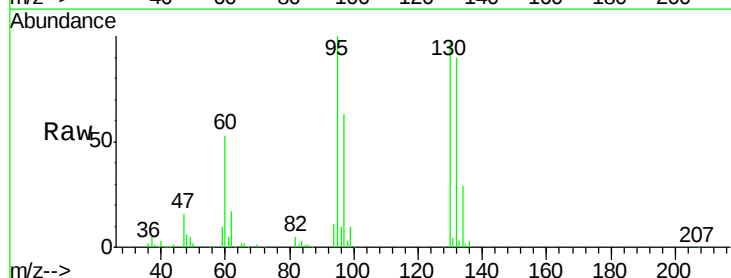
Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 98364

Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.4	84.2
132	90.5	65.0	120.6
130	94.9	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

