

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010833.D
 Acq On : 17 Jun 2019 17:45
 Operator : SY/VA
 Sample : K3324-21RE
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 08:01:22 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	149514	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	119894	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35016	16.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.32%
7) Chloroethane-d5	2.89	69	31941	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
10) 1,1-Dichloroethene-d2	4.01	63	55361	12.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.04%
20) 2-Butanone-d5	7.09	46	20087	23.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.02%
24) Chloroform-d	7.65	84	51981	16.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.64%
26) 1,2-Dichloroethane-d4	8.31	65	52293	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.56%
29) Benzene-d6	8.27	84	149798	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.27	67	54914	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.64%
37) Toluene-d8	10.32	98	120072	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.68%
38) trans-1,3-Dichloropropene-	10.58	79	19061	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.12%
39) 2-Hexanone-d5	10.93	63	24466	44.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48571	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	30910	18.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.92%

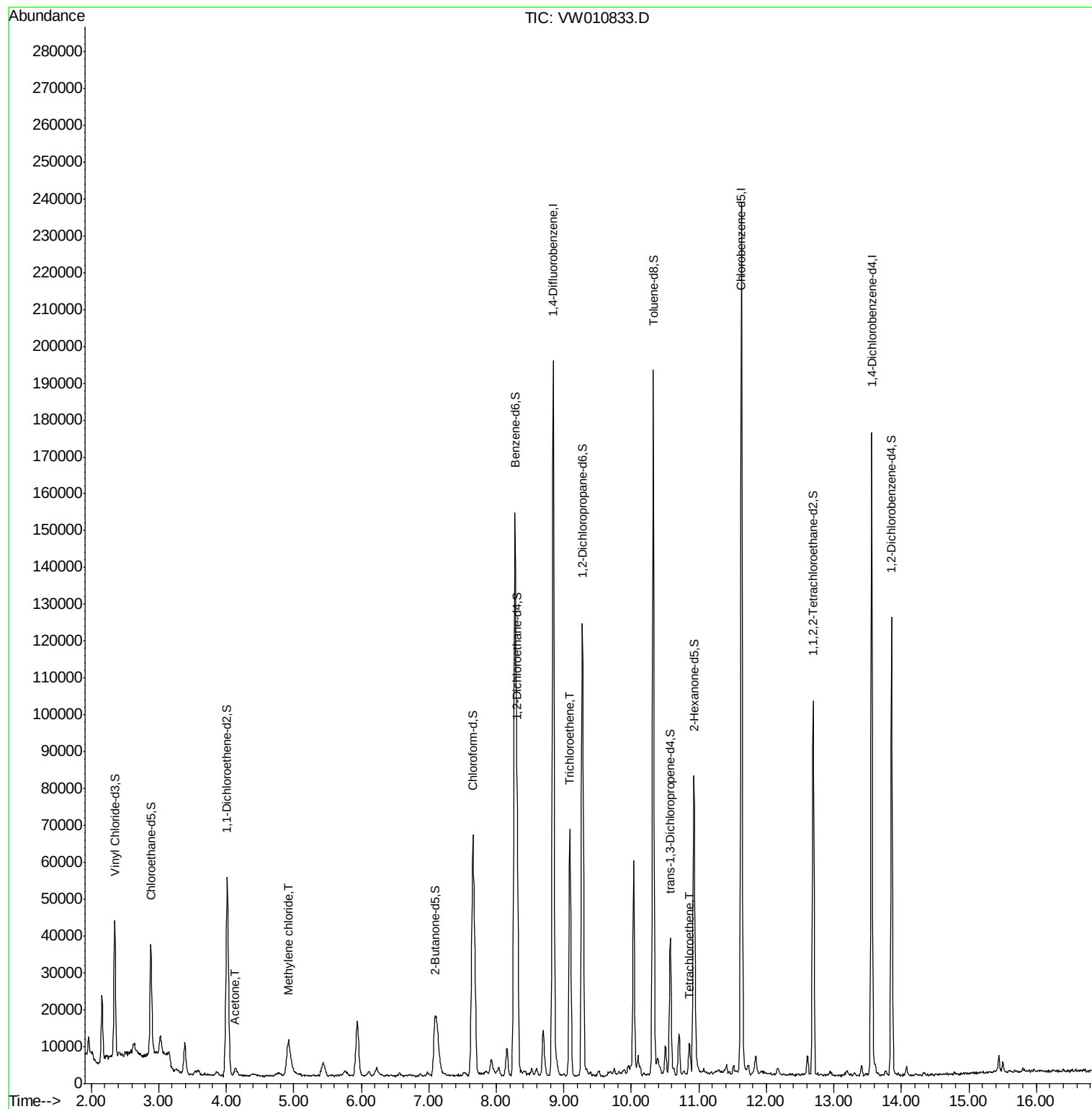
Target Compounds

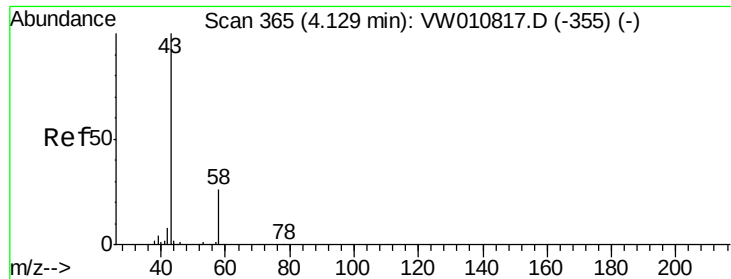
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	3141m	3.422	ug/L	
16) Methylene chloride	4.92	84	6176	3.010	ug/L	99
35) Trichloroethene	9.09	95	22157	11.724	ug/L	98
47) Tetrachloroethene	10.87	164	1725	1.218	ug/L	88

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

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#13

Acetone

Concen: 3.422 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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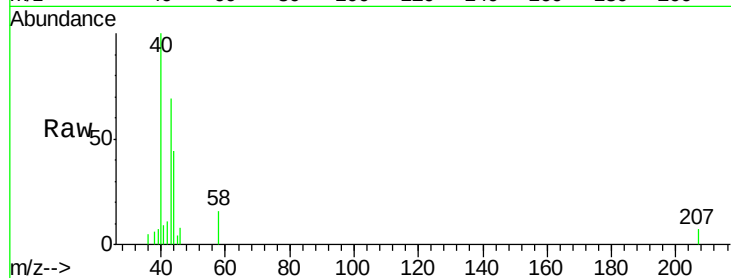
Acq: 17 Jun 2019 17:45

Tot Ion: 43 Resp: 3141

Ion Ratio Lower Upper

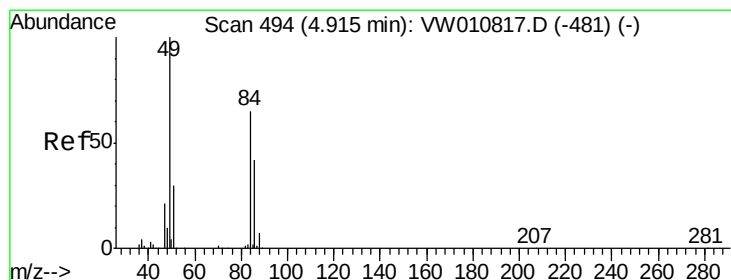
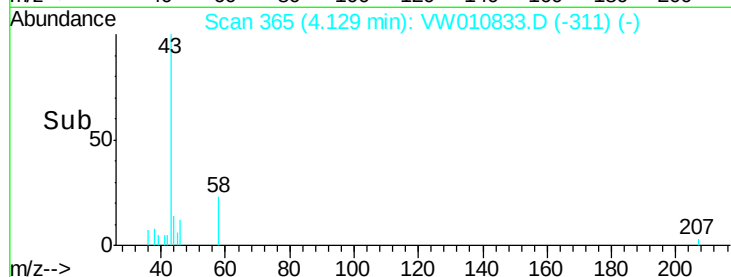
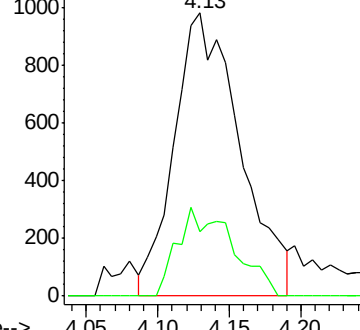
43 100

58 11.2 0.0 54.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.010 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 17 Jun 2019 17:45

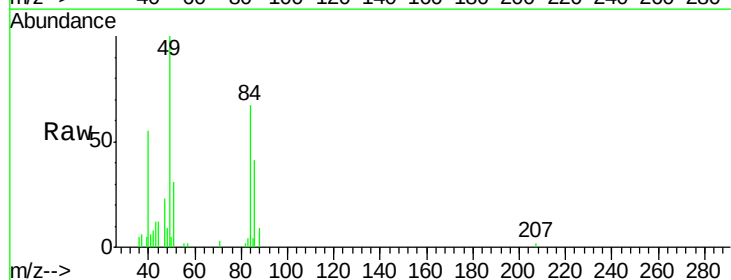
Tgt Ion: 84 Resp: 6176

Ion Ratio Lower Upper

84 100

49 148.7 105.2 195.4

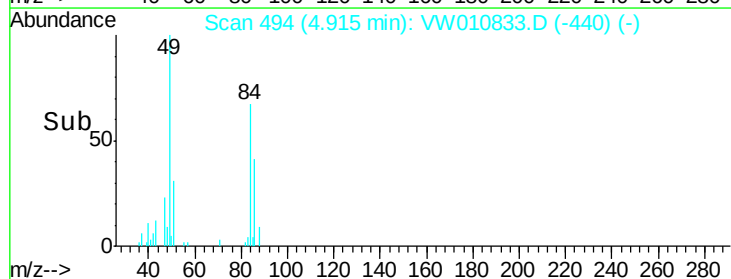
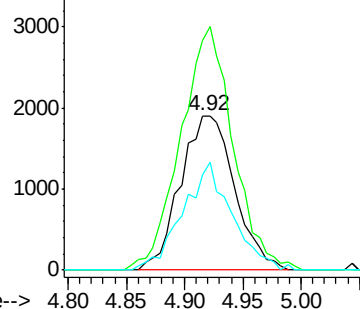
86 61.6 43.7 81.1

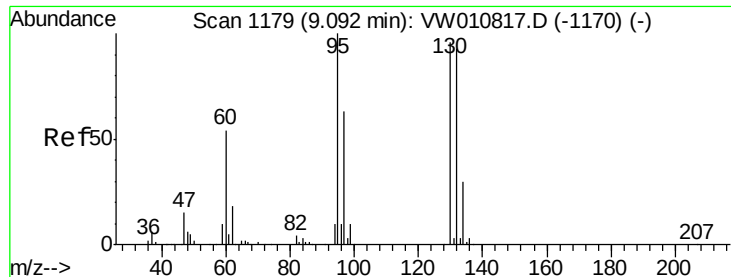


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 11.724 ug/L

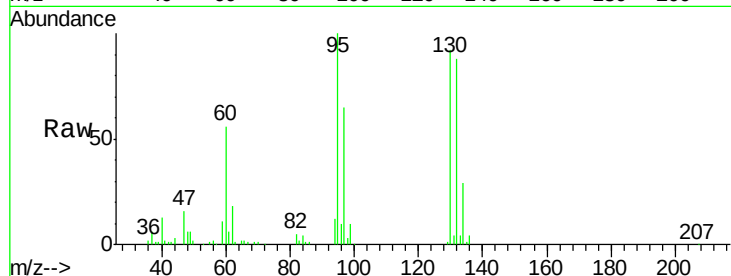
RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010833.D

Acq: 17 Jun 2019 17:45

Tot Ion:	95	Resp:	22157
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.4	84.2
132	92.3	65.0	120.6
130	92.1	68.3	126.9

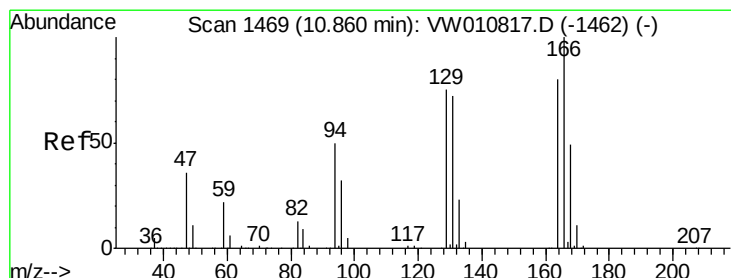
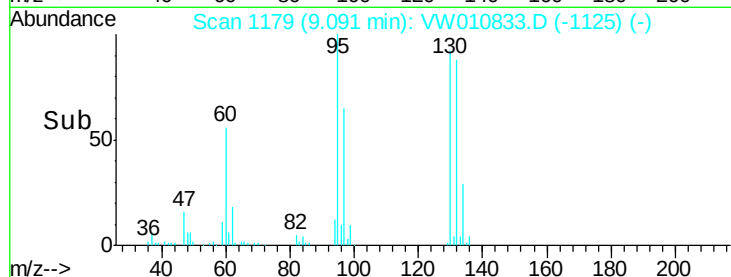
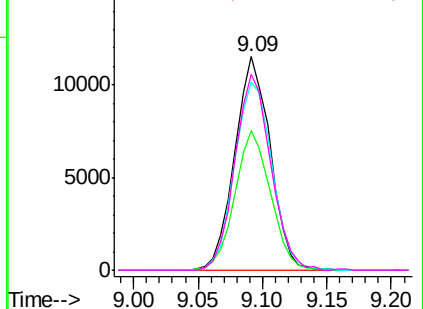


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 1.218 ug/L

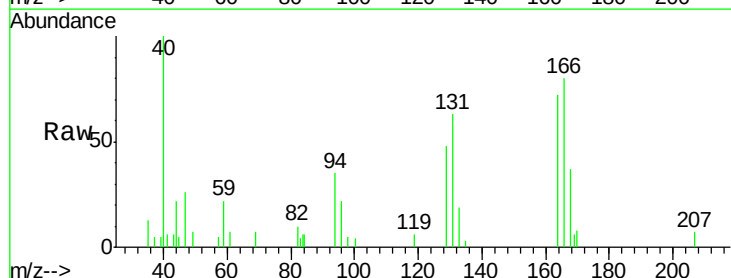
RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010833.D

Acq: 17 Jun 2019 17:45

Tgt Ion:	164	Resp:	1725
Ion	Ratio	Lower	Upper
164	100		
129	67.4	64.5	119.7
131	88.7	63.6	118.0
166	111.4	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

