

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010836.D
 Acq On : 17 Jun 2019 19:32
 Operator : SY/VA
 Sample : K3363-09RE
 Misc : 4.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 08:33:36 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	275408	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	197719	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	54848	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	58853	14.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.68%
7) Chloroethane-d5	2.88	69	54325	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	99776	12.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.00%
20) 2-Butanone-d5	7.08	46	58703	37.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.60%
24) Chloroform-d	7.65	84	91038	16.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.32%
26) 1,2-Dichloroethane-d4	8.31	65	86221	18.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.80%
29) Benzene-d6	8.27	84	261869	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.27	67	93013	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	10.32	98	198748	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.96%
38) trans-1,3-Dichloropropene-	10.58	79	28373	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.92%
39) 2-Hexanone-d5	10.93	63	37897	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69462	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	38641	18.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.04%#

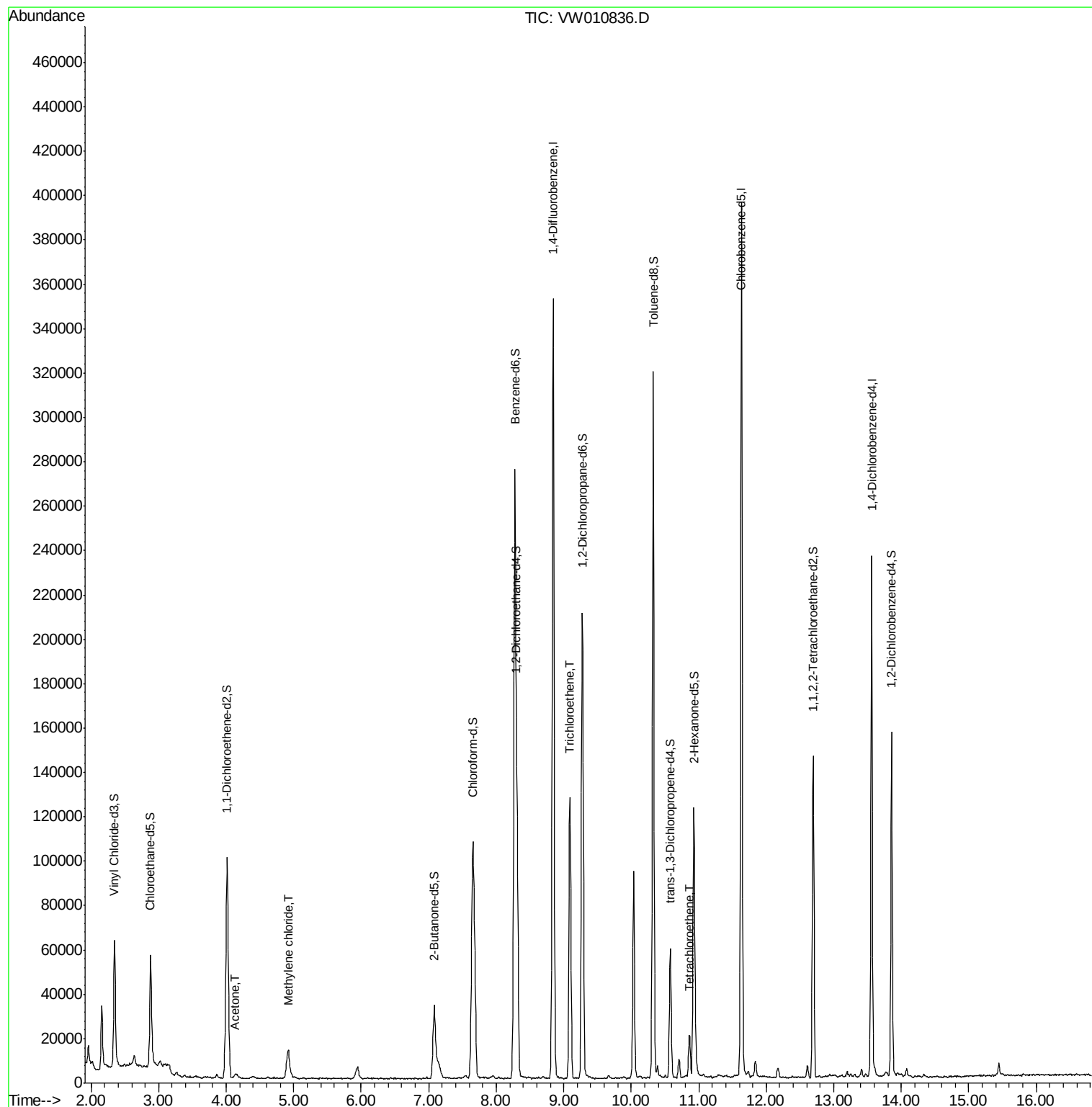
Target Compounds

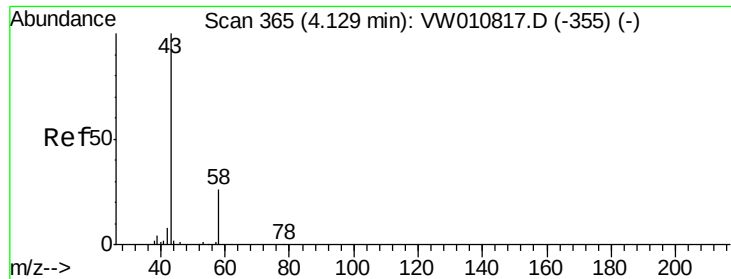
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	2626m	1.553	ug/L	
16) Methylene chloride	4.92	84	8800	2.328	ug/L	95
35) Trichloroethene	9.09	95	44334	14.226	ug/L	96
47) Tetrachloroethene	10.86	164	4296	1.840	ug/L	97

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

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#13

Acetone

Concen: 1.553 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW010836.D

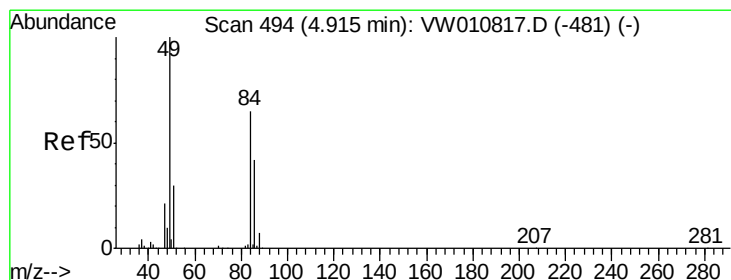
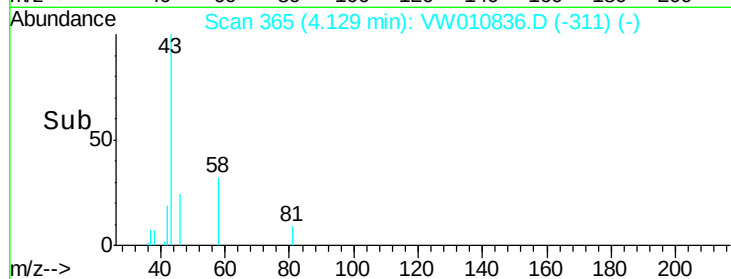
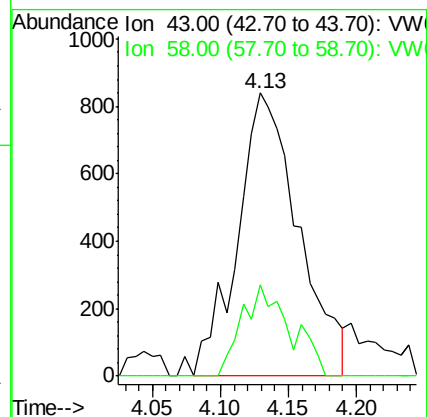
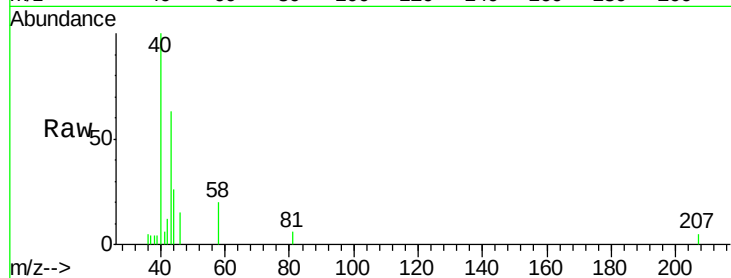
Acq: 17 Jun 2019 19:32

Tot Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 20.9 0.0 54.6



#16

Methylene chloride

Concen: 2.328 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010836.D

Acq: 17 Jun 2019 19:32

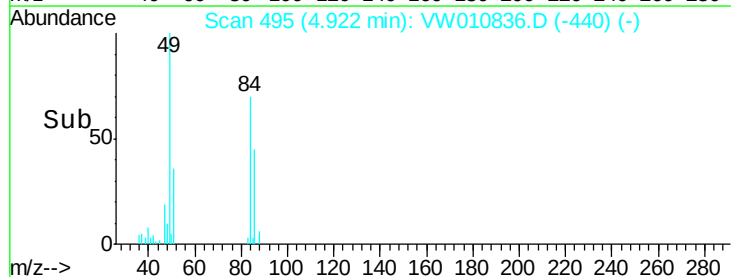
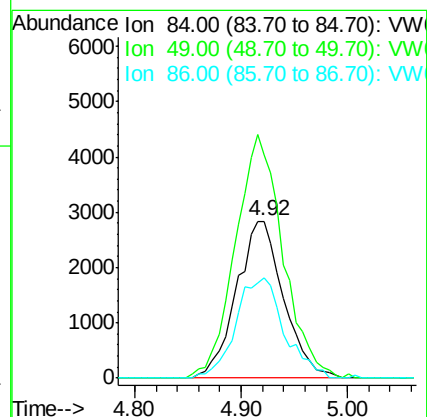
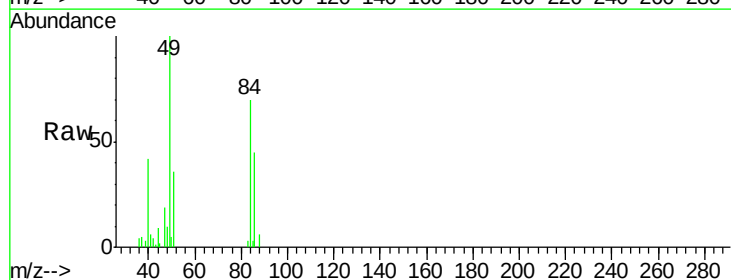
Tgt Ion: 84 Resp: 8800

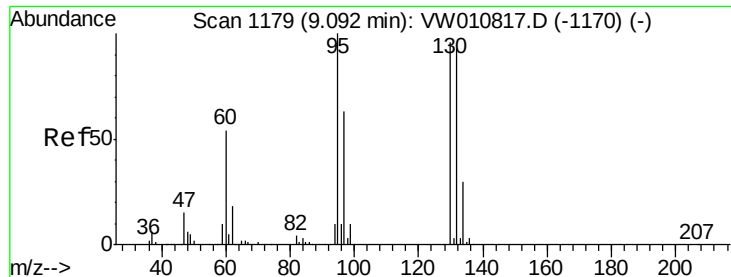
Ion Ratio Lower Upper

84 100

49 142.9 105.2 195.4

86 64.1 43.7 81.1





#35

Trichloroethene

Concen: 14.226 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010836.D

Acq: 17 Jun 2019 19:32

Tot Ion: 95 Resp: 44334

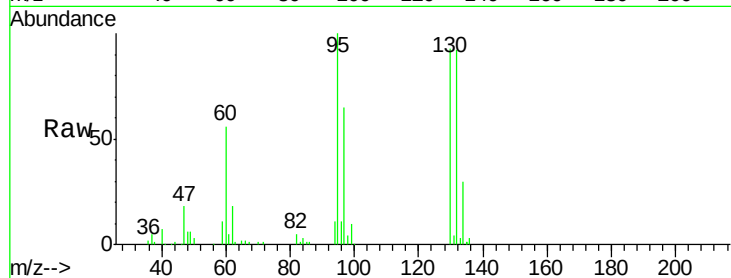
Ion Ratio Lower Upper

95 100

97 63.2 45.4 84.2

132 88.7 65.0 120.6

130 91.6 68.3 126.9

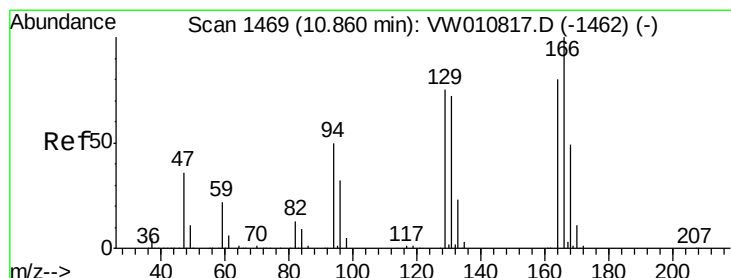
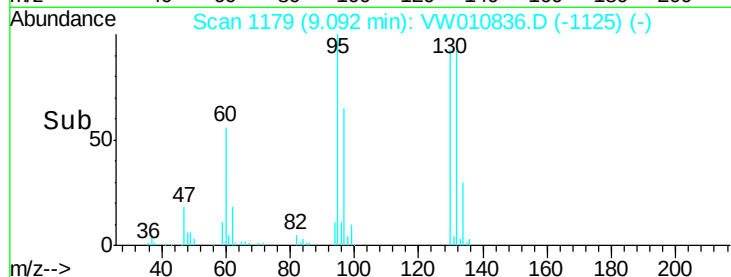
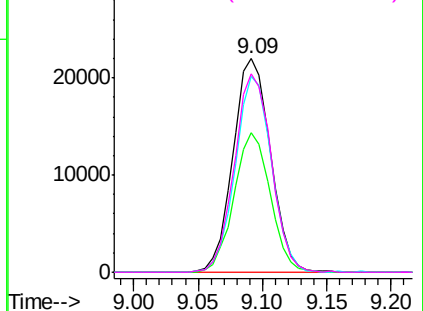


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 1.840 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010836.D

Acq: 17 Jun 2019 19:32

Tgt Ion: 164 Resp: 4296

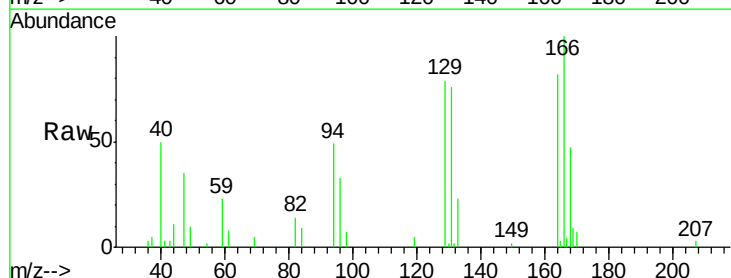
Ion Ratio Lower Upper

164 100

129 95.2 64.5 119.7

131 94.8 63.6 118.0

166 121.2 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

