

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
 Data File : VW011190.D
 Acq On : 10 Jul 2019 12:37
 Operator : SY/VA
 Sample : K3724-05
 Misc : 5.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8T2

Quant Time: Jul 11 06:52:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	246847	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	225839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	64871	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	2.88	69	50188	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	4.01	63	116351	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	7.07	46	72990	49.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.32%
24) Chloroform-d	7.64	84	149227	22.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	8.31	65	97392	23.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.48%
29) Benzene-d6	8.27	84	301761	21.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.76%
33) 1,2-Dichloropropane-d6	9.27	67	103870	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.72%
37) Toluene-d8	10.32	98	264074	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
38) trans-1,3-Dichloropropene-	10.58	79	39100	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	10.93	63	46757	45.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89387	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	94587	23.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.36%

Target Compounds

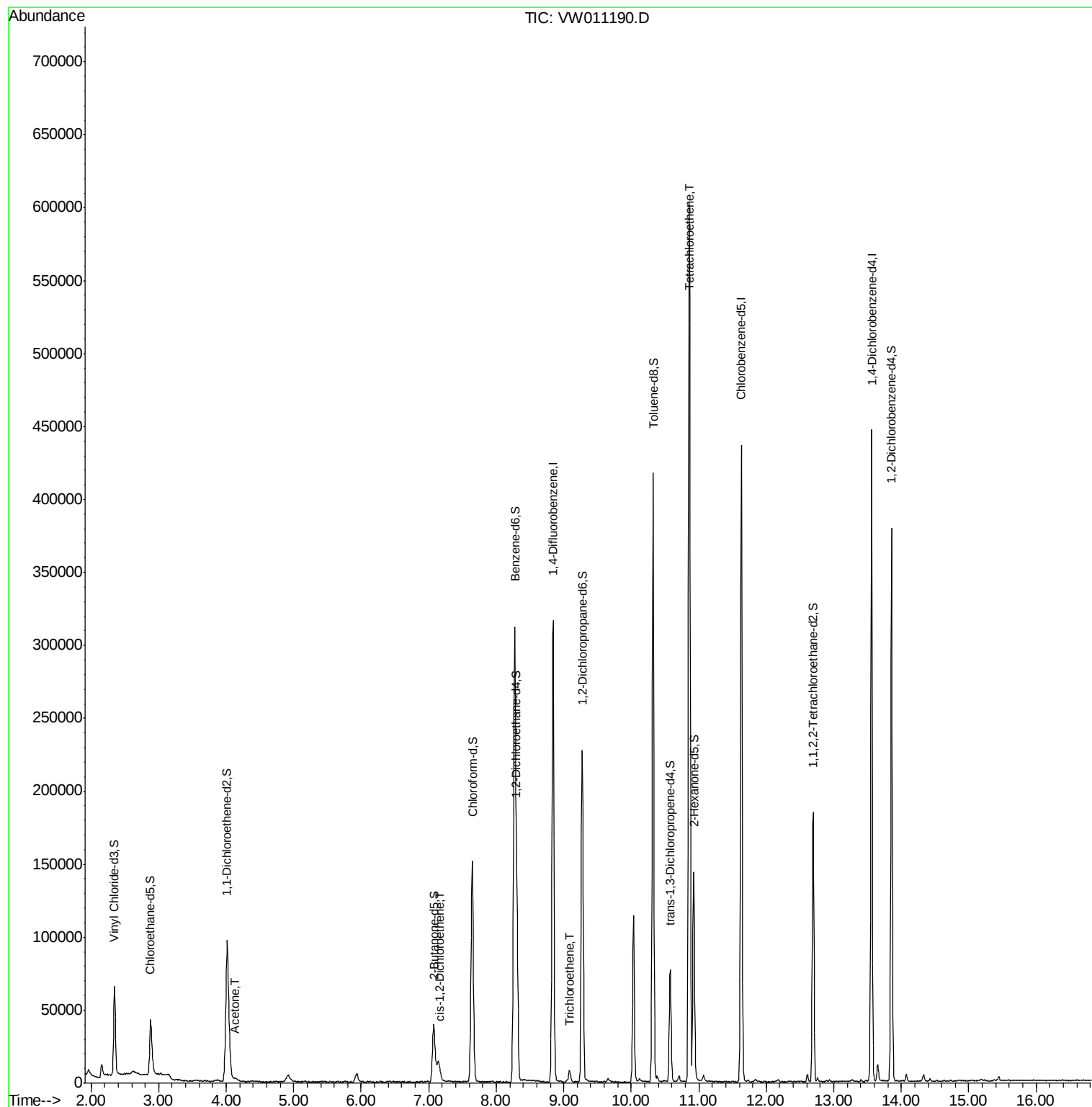
					Qvalue
13) Acetone	4.13	43	2523	1.740 ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	2209	0.623 ug/L	92
35) Trichloroethene	9.09	95	2184	0.613 ug/L	96
47) Tetrachloroethene	10.86	164	133735	49.680 ug/L	98

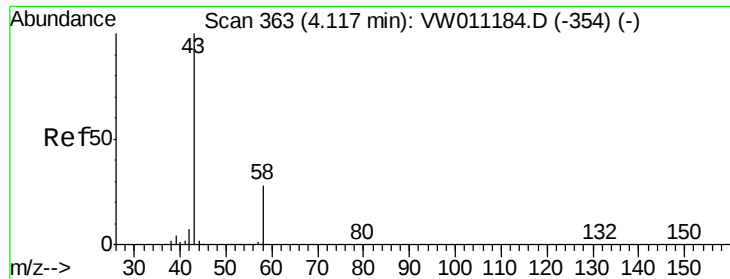
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.740 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011190.D

Acq: 10 Jul 2019 12:37

Instrument :

MSVOA_W

ClientSampled :

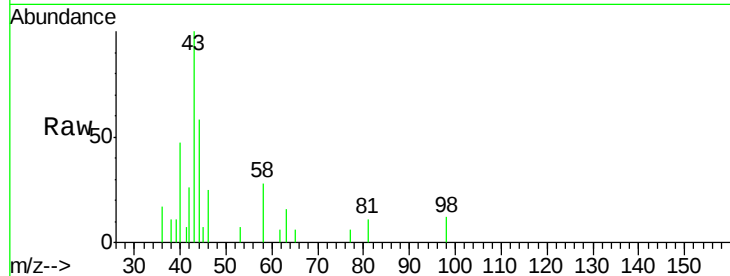
DB8T2

Tgt Ion: 43 Resp: 2523

Ion Ratio Lower Upper

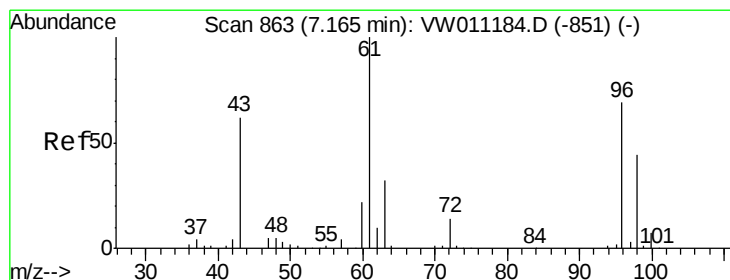
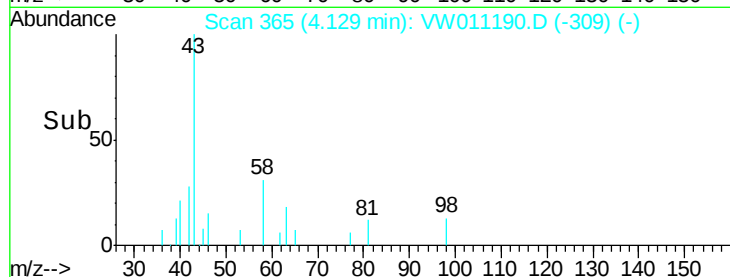
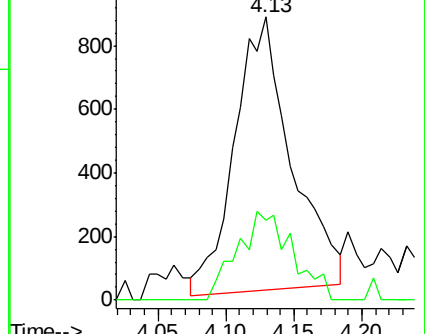
43 100

58 31.2 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.623 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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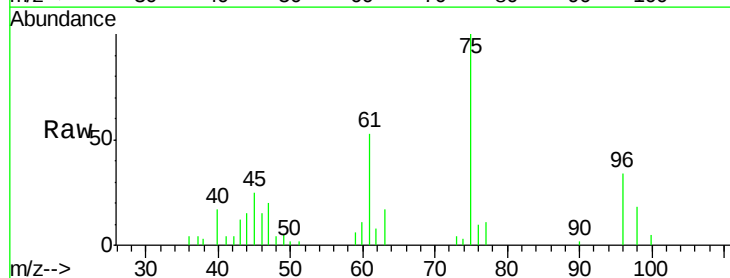
Tgt Ion: 96 Resp: 2209

Ion Ratio Lower Upper

96 100

61 155.0 103.2 191.6

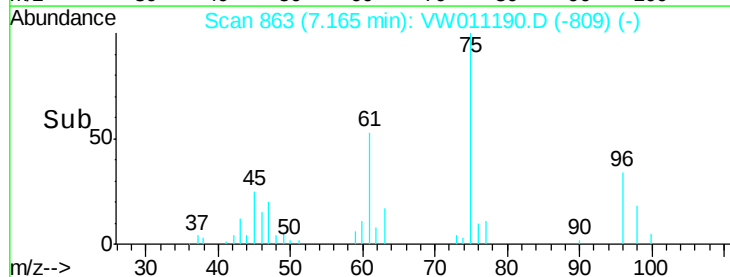
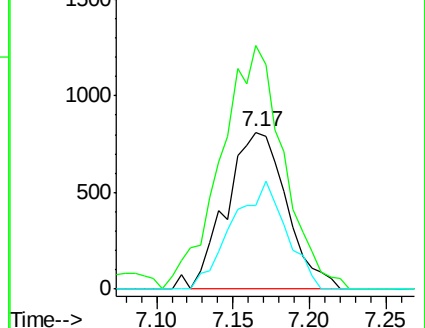
98 53.3 44.8 83.2

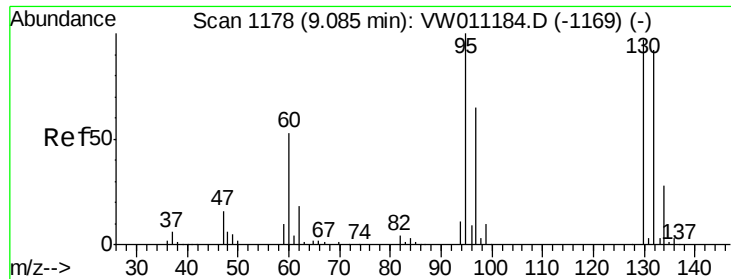


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 0.613 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW011190.D

Acq: 10 Jul 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

DB8T2

Tgt Ion: 95 Resp: 2184

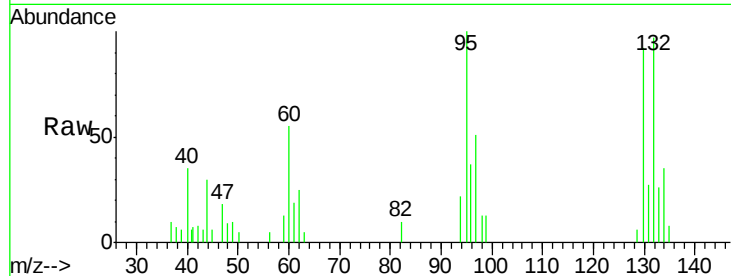
Ion Ratio Lower Upper

95 100

97 62.0 45.4 84.2

132 96.7 65.0 120.8

130 92.5 67.8 126.0

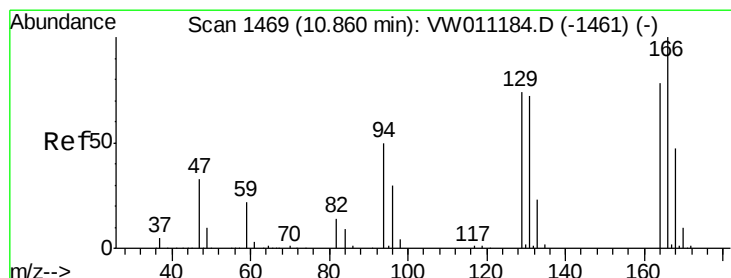
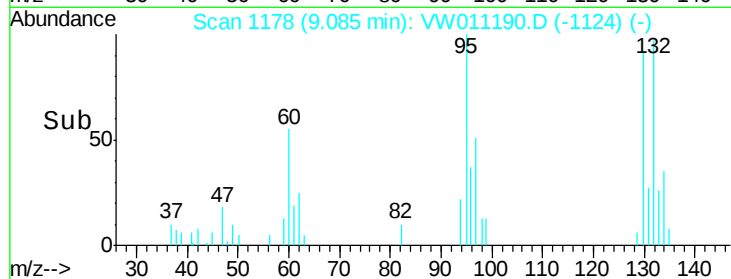
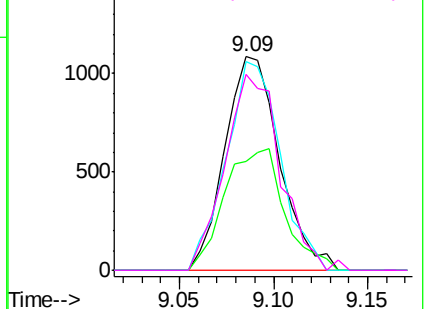


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#47

Tetrachloroethene

Concen: 49.680 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW011190.D

Acq: 10 Jul 2019 12:37

Tgt Ion: 164 Resp: 133735

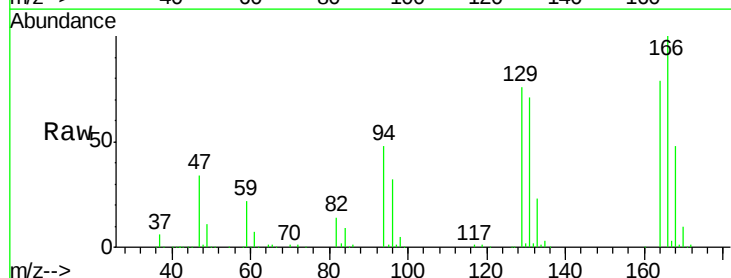
Ion Ratio Lower Upper

164 100

129 95.4 68.5 127.1

131 90.0 64.8 120.4

166 126.1 87.9 163.3



Abundance Ion 164.00 (163.70 to 164.70): VW

Ion 129.00 (128.70 to 129.70): VW

Ion 131.00 (130.70 to 131.70): VW

Ion 166.00 (165.70 to 166.70): VW

