

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009893.D
 Acq On : 10 Apr 2019 21:33
 Operator : SY/VA
 Sample : K2340-18
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T0

Quant Time: Apr 12 13:08:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107869	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
7) Chloroethane-d5	2.89	69	101859	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.01	63	220246	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.08	46	97504	50.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.02%
24) Chloroform-d	7.64	84	309073	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.31	65	191997	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.27	84	550784	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	183534	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.52%
37) Toluene-d8	10.32	98	470880	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	72070	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	10.93	63	68272	50.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160342	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	180774	26.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.76%

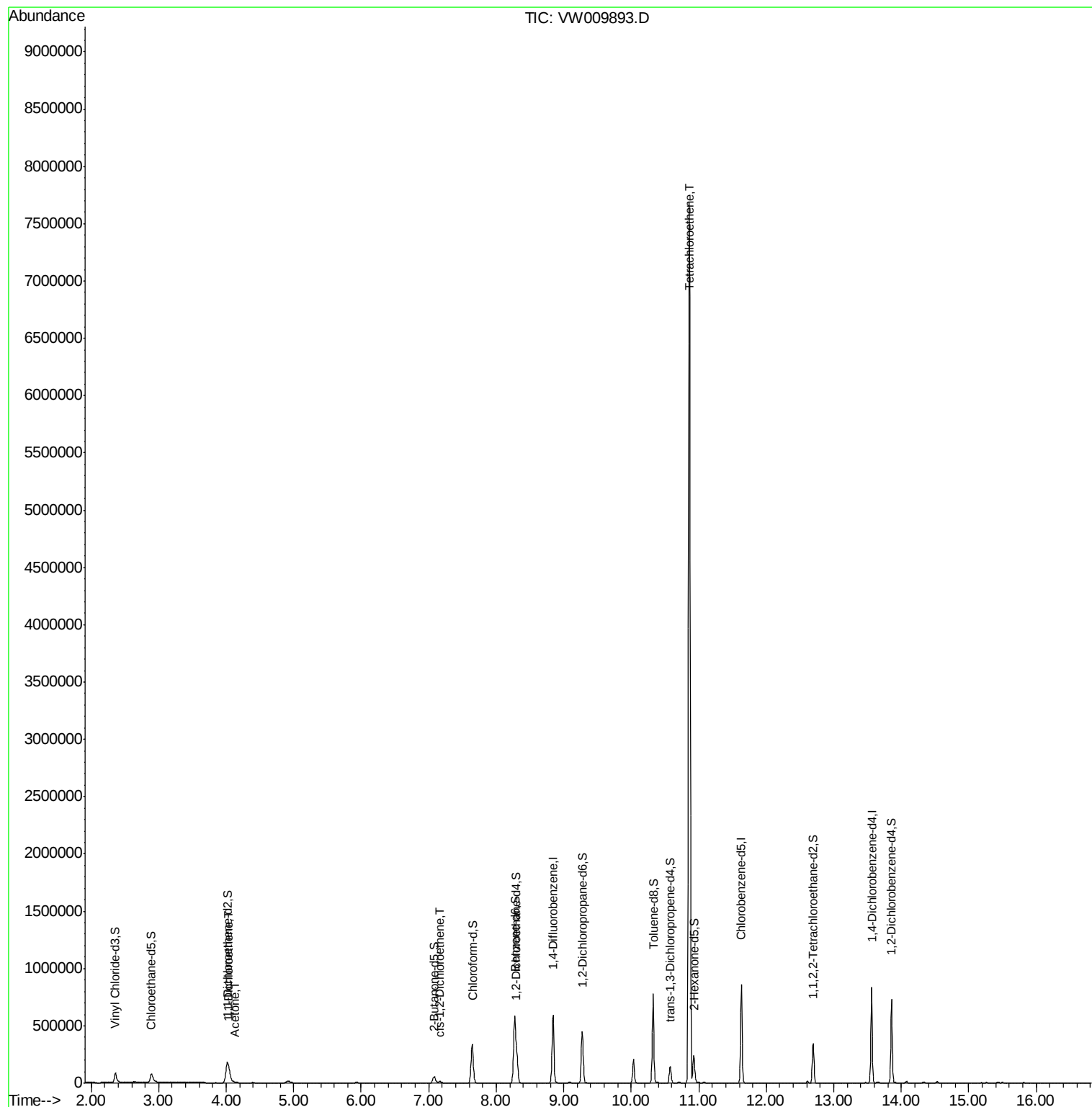
Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.04	96	27524	4.561 ug/L	# 1
13) Acetone	4.13	43	7547	3.649 ug/L	69
22) cis-1,2-Dichloroethene	7.17	96	4441	0.662 ug/L	71
47) Tetrachloroethene	10.86	164	1541492	281.453 ug/L	98

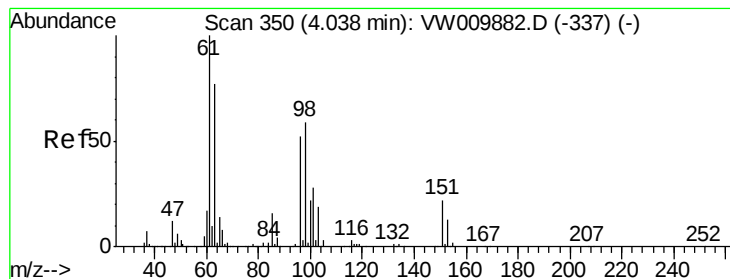
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.561 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

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ClientSampleId :

BF2T0

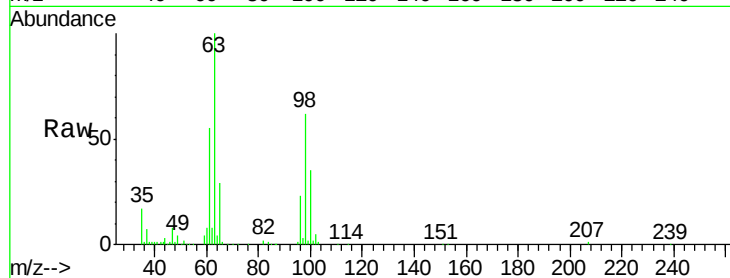
Tot Ion: 96 Resp: 27524

Ion Ratio Lower Upper

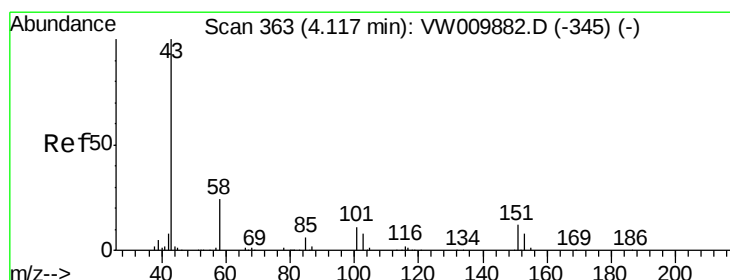
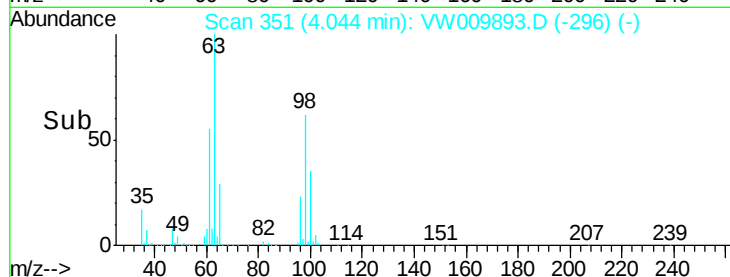
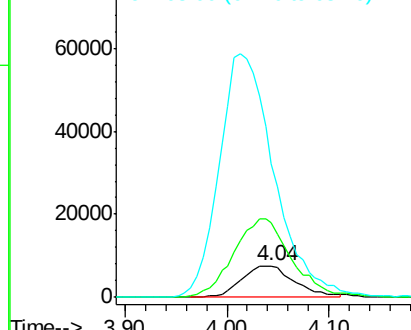
96 100

61 236.1 138.8 257.8

63 426.8 114.6 212.8#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 3.649 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009893.D

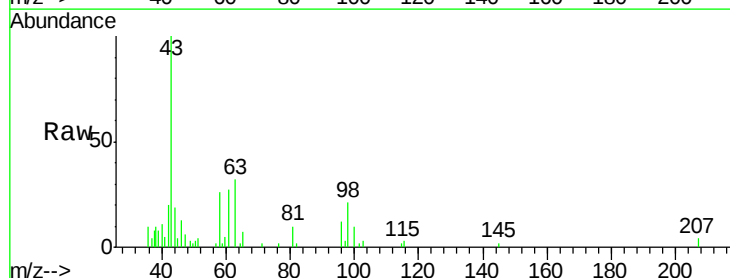
Acq: 10 Apr 2019 21:33

Tgt Ion: 43 Resp: 7547

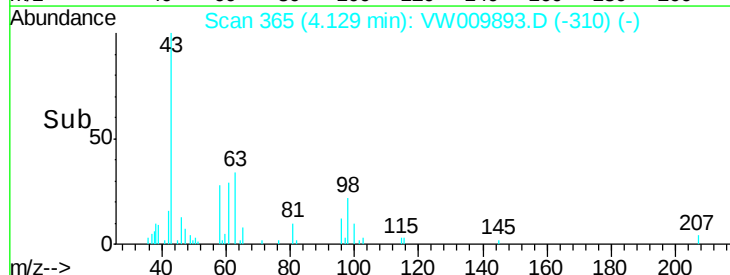
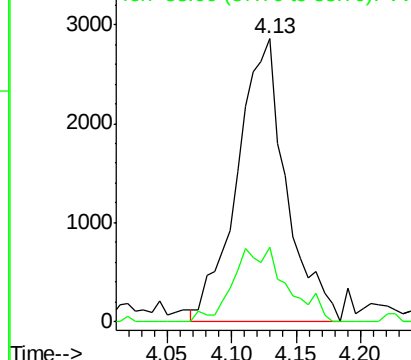
Ion Ratio Lower Upper

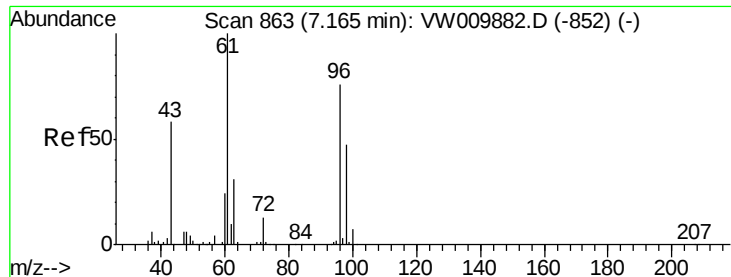
43 100

58 10.8 0.0 53.0



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: 0.662 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

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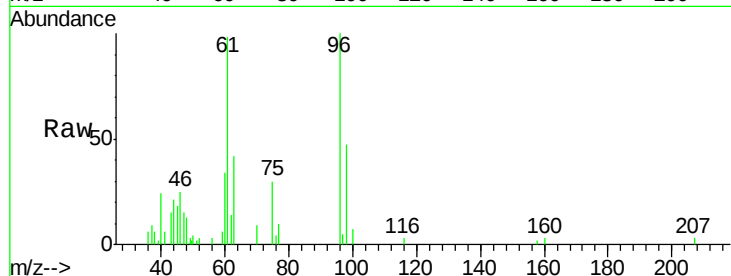
Tot Ion: 96 Resp: 4441

Ion Ratio Lower Upper

96 100

61 97.8 96.8 179.8

98 46.7 43.5 80.9

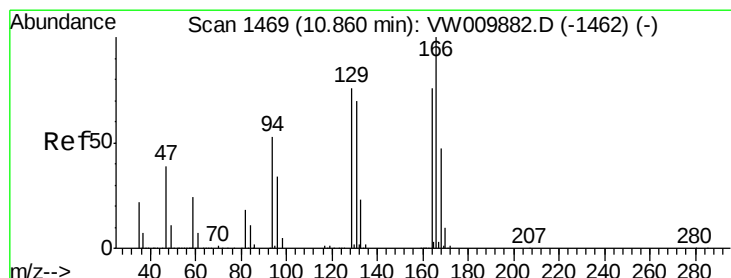
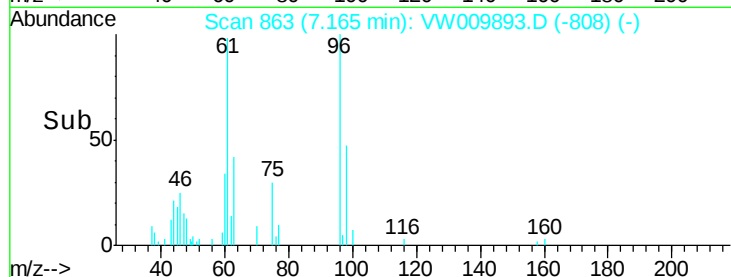
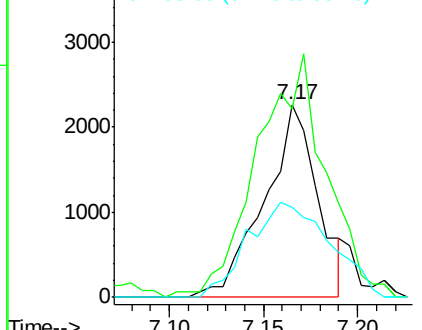


Abundance

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



#47

Tetrachloroethene

Concen: 281.453 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009893.D

Acq: 10 Apr 2019 21:33

Tgt Ion: 164 Resp: 1541492

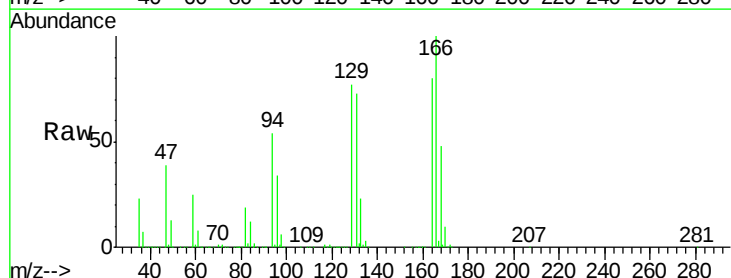
Ion Ratio Lower Upper

164 100

129 96.6 68.9 127.9

131 92.3 63.1 117.1

166 125.6 88.5 164.4



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

