

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009742.D
 Acq On : 05 Apr 2019 19:35
 Operator : SY/VA
 Sample : K2277-12
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF175

Quant Time: Apr 06 05:13:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347382	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131077	28.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.36%
7) Chloroethane-d5	2.89	69	119074	28.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.36%
10) 1,1-Dichloroethene-d2	4.01	63	224436	22.96	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.84%
20) 2-Butanone-d5	7.07	46	105796	71.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.36%#
24) Chloroform-d	7.64	84	283028	29.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.44%
26) 1,2-Dichloroethane-d4	8.30	65	185642	31.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.60%
29) Benzene-d6	8.27	84	539304	30.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.08%
33) 1,2-Dichloropropane-d6	9.27	67	167403	30.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.68%#
37) Toluene-d8	10.32	98	482122	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.08%
38) trans-1,3-Dichloropropene-	10.58	79	76218	29.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.16%
39) 2-Hexanone-d5	10.93	63	73486	70.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161460	31.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	175392	32.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.44%#

Target Compounds

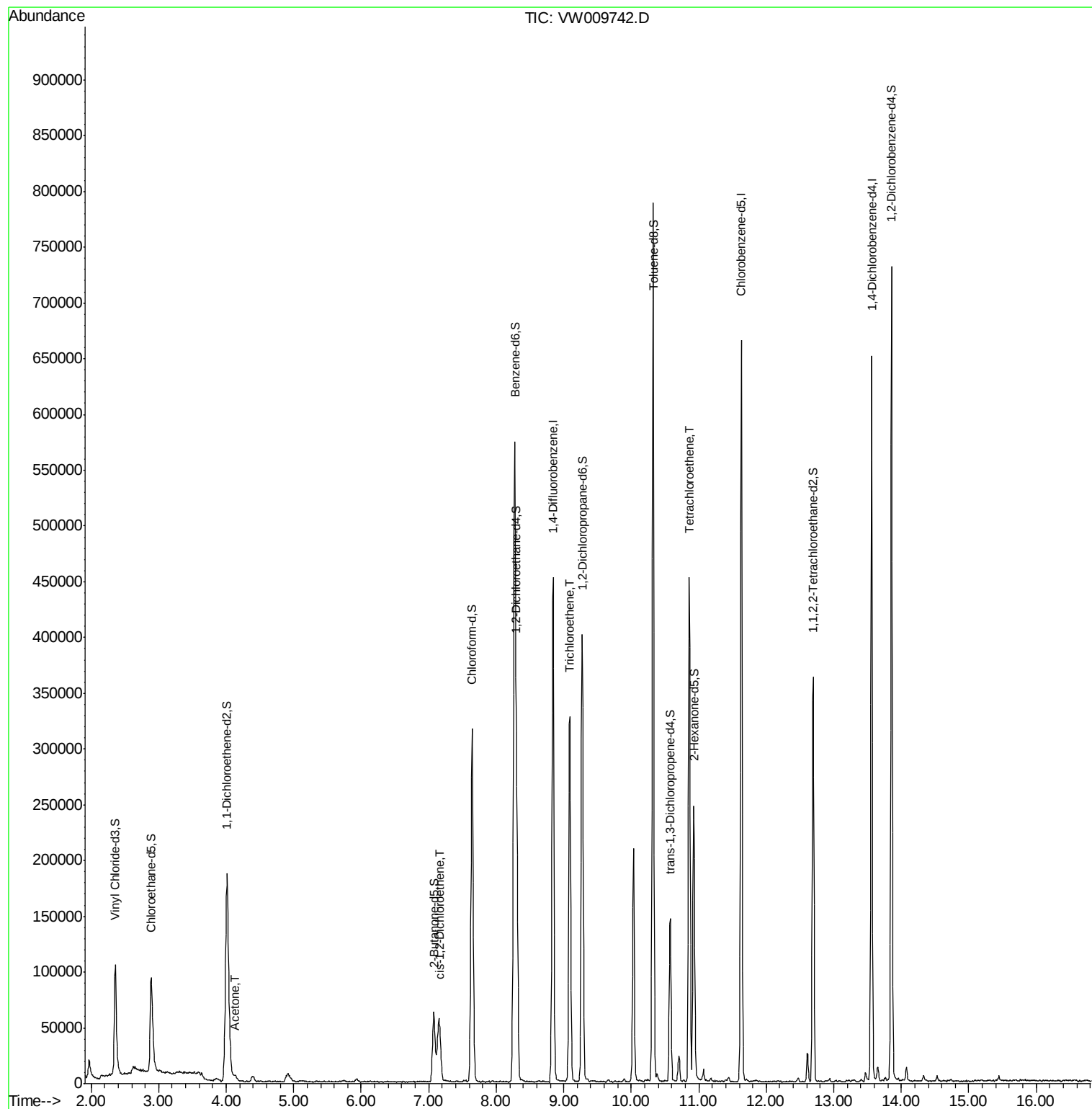
					Ovalue
13) Acetone	4.12	43	4780	3.023 ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	17847	3.478 ug/L	93
35) Trichloroethene	9.09	95	106262	19.886 ug/L	99
47) Tetrachloroethene	10.86	164	89848	21.349 ug/L	97

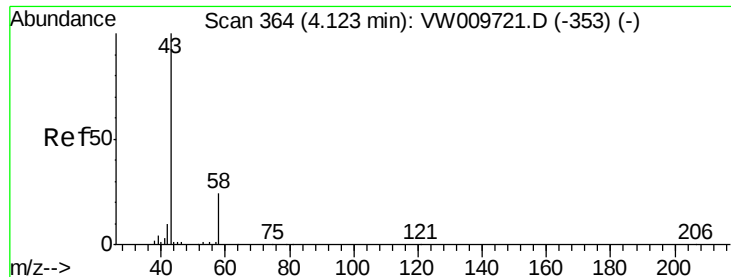
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.023 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009742.D

Acq: 05 Apr 2019 19:35

Instrument :

MSVOA_W

ClientSampled :

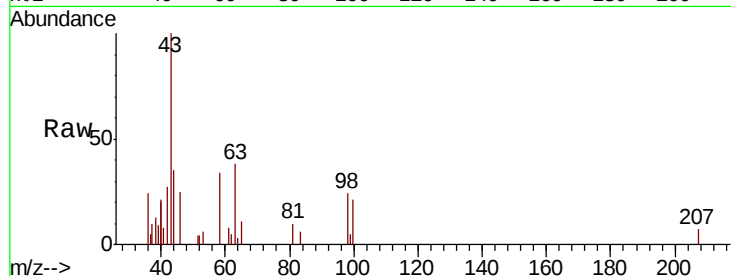
BF175

Tot Ion: 43 Resp: 4780

Ion Ratio Lower Upper

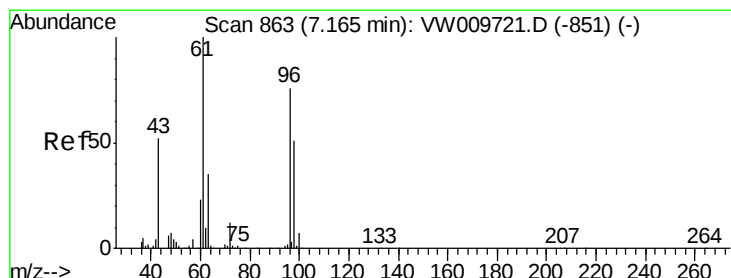
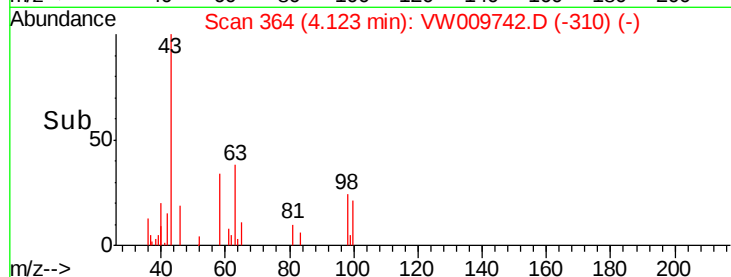
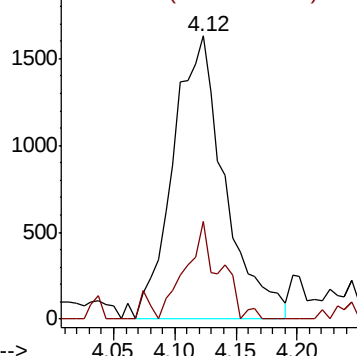
43 100

58 17.6 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: 3.478 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009742.D

Acq: 05 Apr 2019 19:35

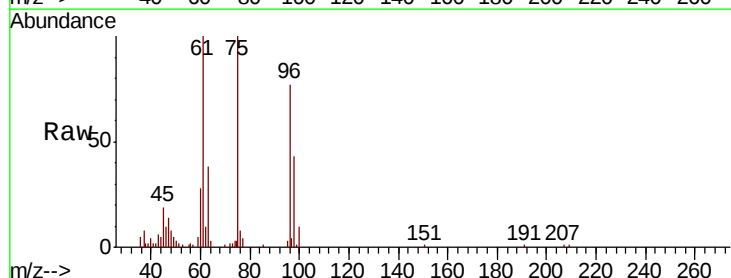
Tgt Ion: 96 Resp: 17847

Ion Ratio Lower Upper

96 100

61 130.1 96.8 179.8

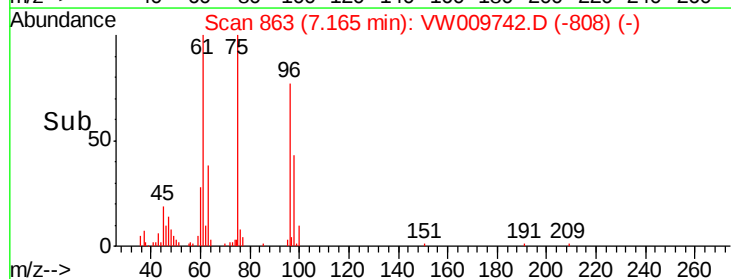
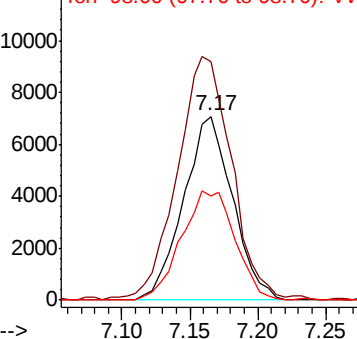
98 56.6 43.5 80.9

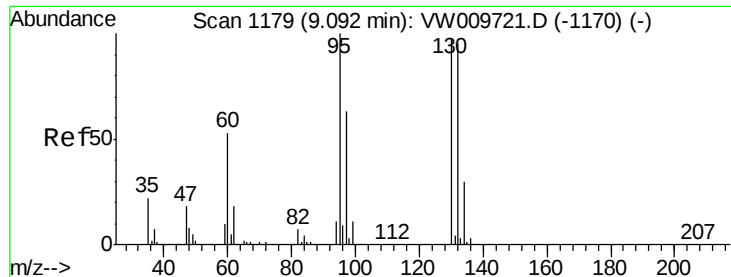


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 19.886 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009742.D

Acq: 05 Apr 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

BF175

Tot Ion: 95 Resp: 106262

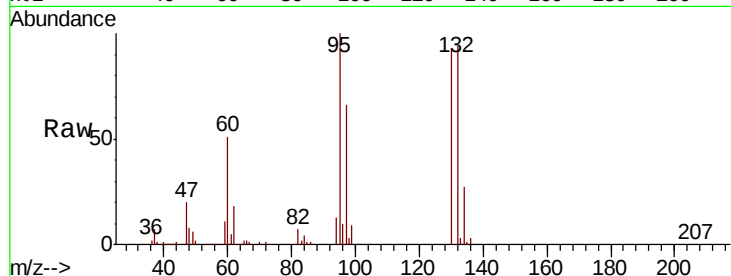
Ion Ratio Lower Upper

95 100

97 65.7 44.9 83.5

132 96.5 67.1 124.7

130 99.5 69.2 128.6



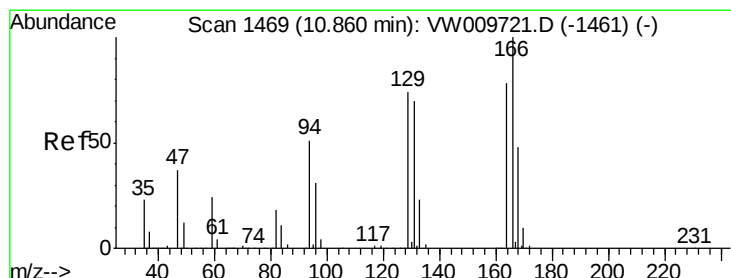
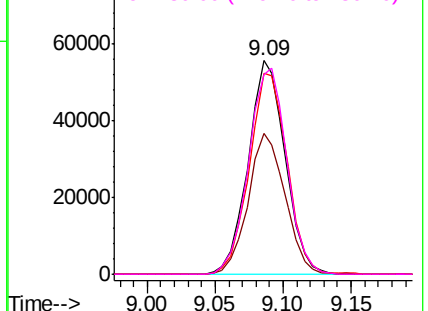
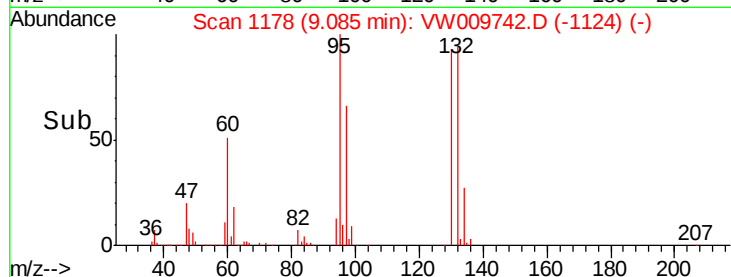
Abundance

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: 21.349 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 89848

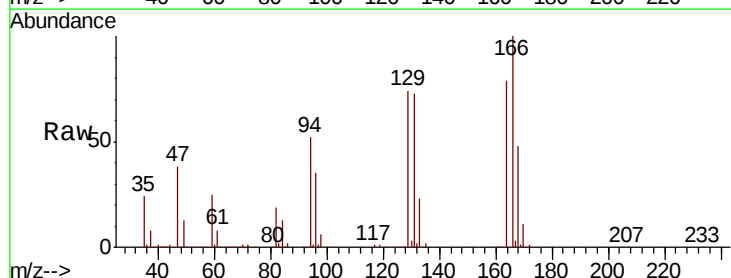
Ion Ratio Lower Upper

164 100

129 92.9 68.9 127.9

131 92.1 63.1 117.1

166 125.9 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

