

Data File : VW015071.D
Acq On : 27 Feb 2020 18:59
Operator : SY/VA
Sample : L1686-03RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW02

Quant Time: Feb 28 04:03:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 28 03:59:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	572011	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571402	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	353101	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
7) Chloroethane-d5	2.89	69	261248	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
10) 1,1-Dichloroethene-d2	4.02	63	437543	19.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.60%
20) 2-Butanone-d5	7.08	46	149738	62.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.22%
24) Chloroform-d	7.65	84	541605	28.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.28%
26) 1,2-Dichloroethane-d4	8.31	65	328150	31.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.84%
29) Benzene-d6	8.27	84	1046468	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.27	67	376695	28.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.64%
37) Toluene-d8	10.32	98	904088	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.40%
38) trans-1,3-Dichloropropene-	10.57	79	133181	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.64%
39) 2-Hexanone-d5	10.92	63	124674	71.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257871	30.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	238862	31.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.60%#

Target Compounds

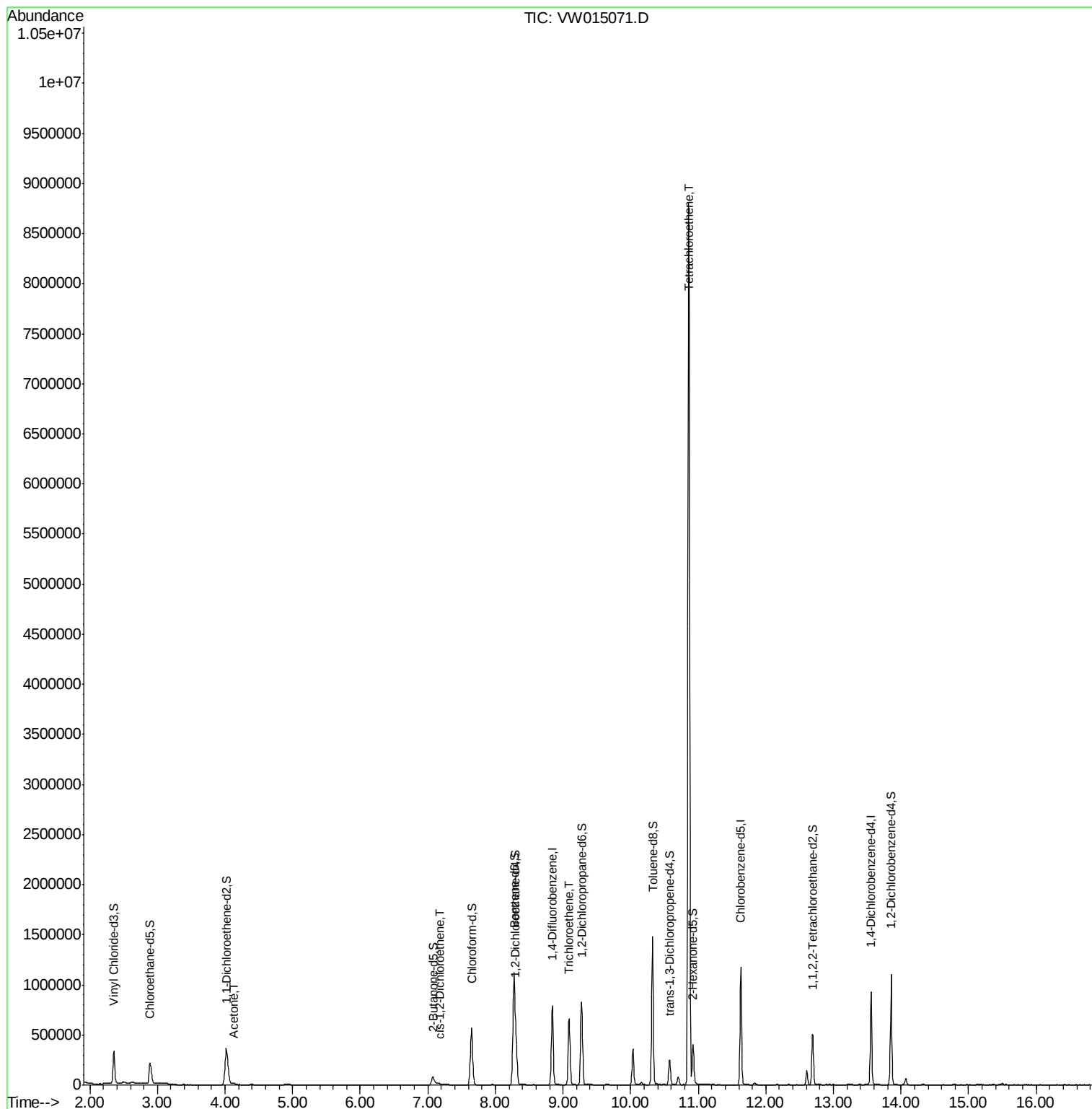
					Qvalue
13) Acetone	4.12	43	29519	10.436	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	3194	0.355	ug/L 95
35) Trichloroethene	9.09	95	234098	22.768	ug/L 99
47) Tetrachloroethene	10.86	164	1674734	252.726	ug/L 98

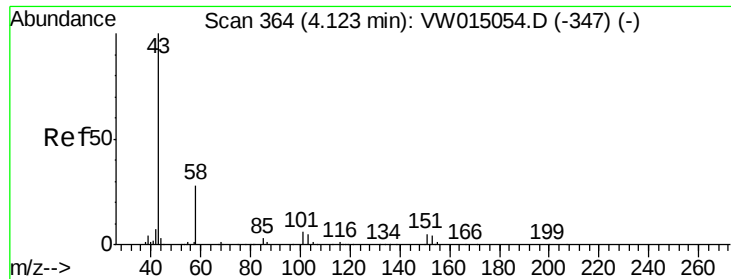
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.436 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

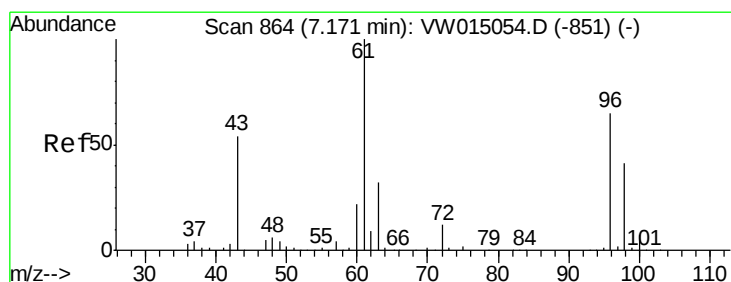
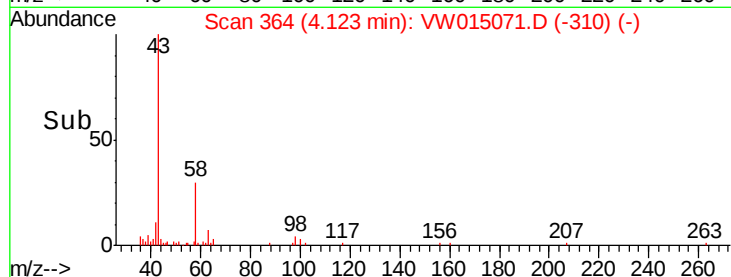
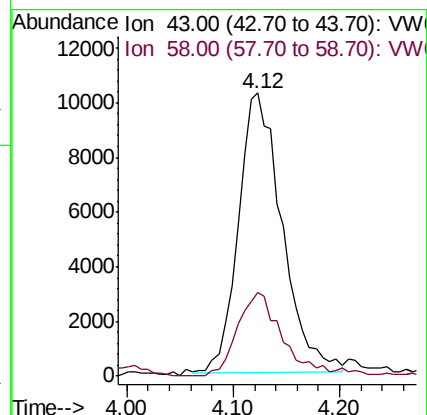
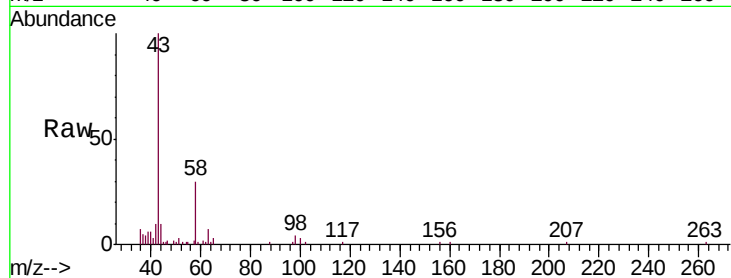
GAW02

Tgt Ion: 43 Resp: 29519

Ion Ratio Lower Upper

43 100

58 28.2 0.0 54.0



#22

cis-1,2-Dichloroethene

Concen: 0.355 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

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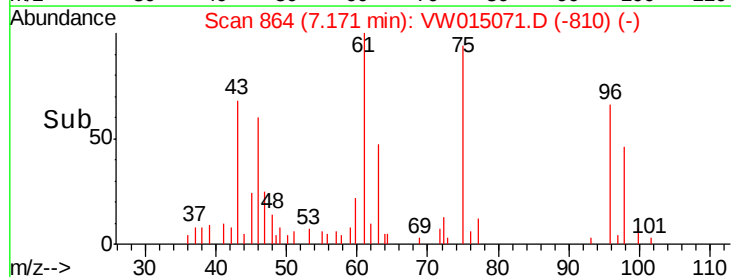
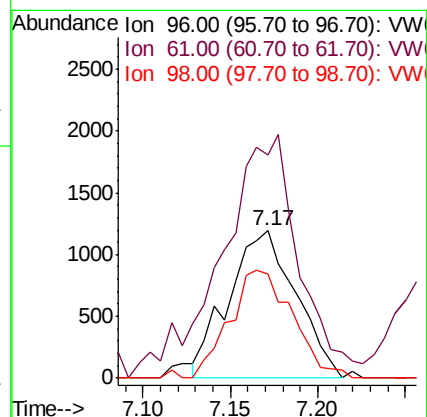
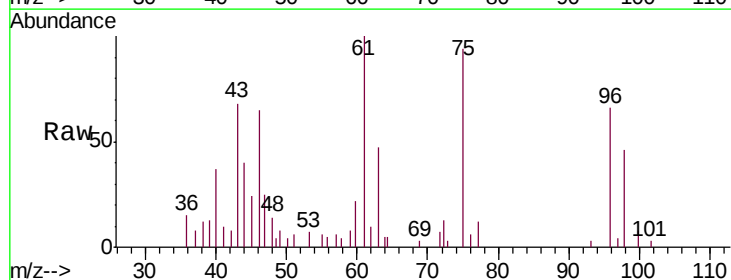
Tgt Ion: 96 Resp: 3194

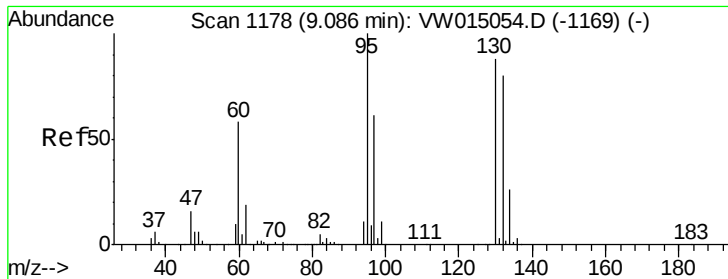
Ion Ratio Lower Upper

96 100

61 151.9 105.2 195.4

98 70.5 42.6 79.2





#35

Trichloroethene

Concen: 22.768 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

GAW02

Tgt Ion: 95 Resp: 234098

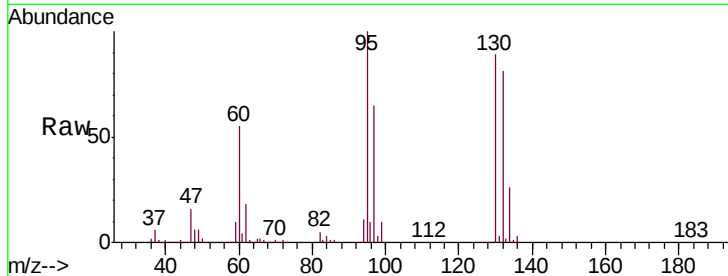
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 83.2 58.1 107.9

130 87.6 62.0 115.2



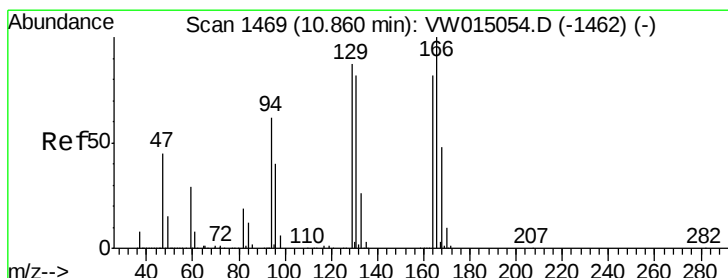
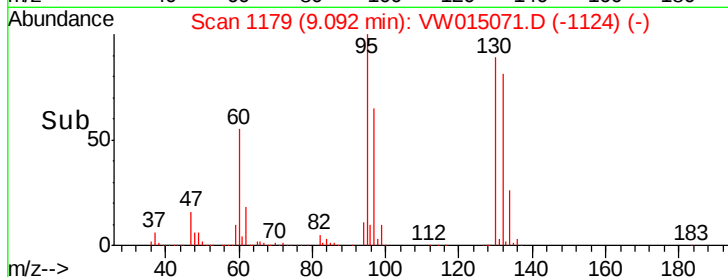
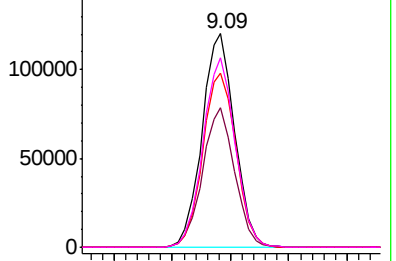
Abundance

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: 252.726 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 1674734

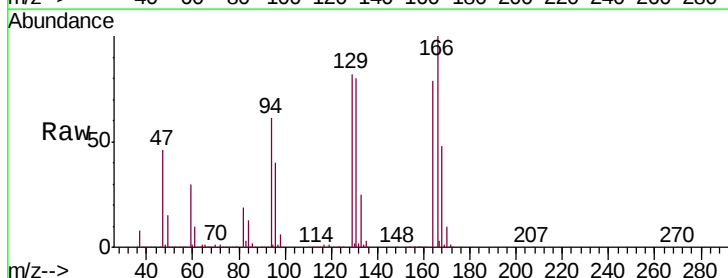
Ion Ratio Lower Upper

164 100

129 103.7 71.7 133.1

131 101.0 70.1 130.3

166 126.5 91.3 169.6



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

