

Data File : VW004671.D
Acq On : 14 Aug 2018 16:58
Operator : SY/AP
Sample : J4450-15
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB12

Quant Time: Aug 15 08:52:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	681808	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	648360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	216314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	208654	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.00%
7) Chloroethane-d5	2.89	69	178950	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
10) 1,1-Dichloroethene-d2	4.01	63	308600	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	186251	63.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.02%
24) Chloroform-d	7.65	84	453632	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.31	65	263610	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
29) Benzene-d6	8.28	84	854035	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	291318	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	10.33	98	688220	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	10.58	79	100407	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	156437	69.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.62%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	311202	29.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	210151	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%

Target Compounds

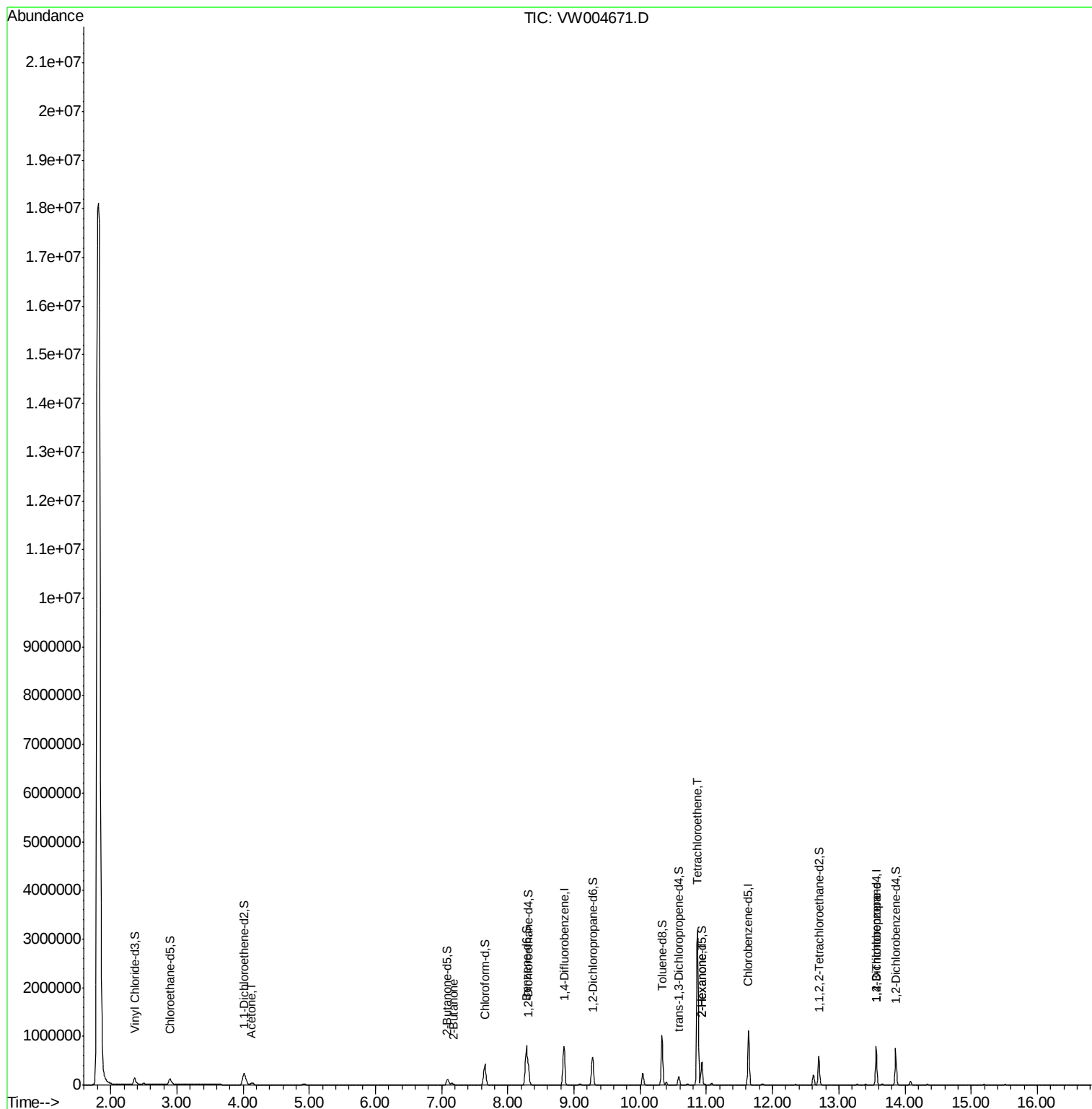
					Qvalue
13) Acetone	4.13	43	75732	28.146	ug/L 100
21) 2-Butanone	7.18	43	8638	2.295	ug/L 93
47) Tetrachloroethene	10.87	164	758633	88.042	ug/L 99
49) 2-Hexanone	10.93	43	18843	3.731	ug/L # 67
59) 1,2,3-Trichloropropane	13.57	75	24415	3.038	ug/L 90

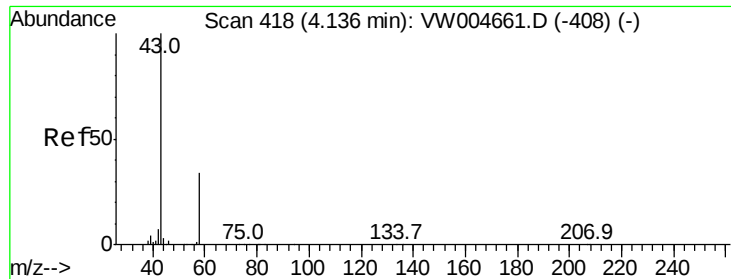
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.146 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004671.D

Acq: 14 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

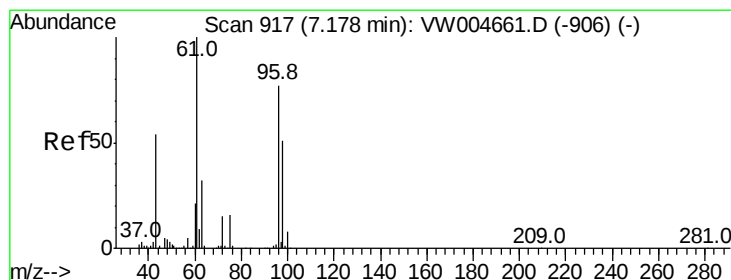
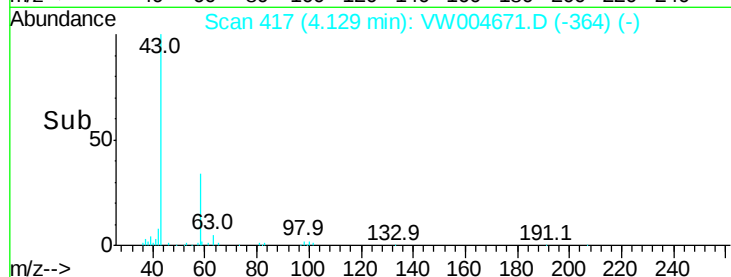
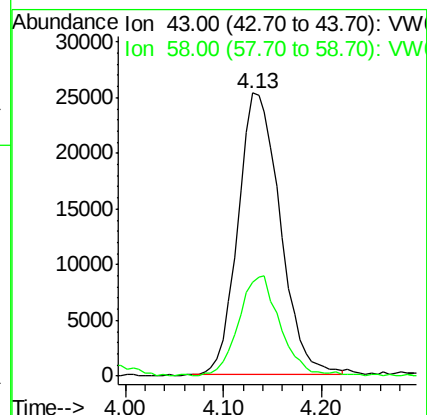
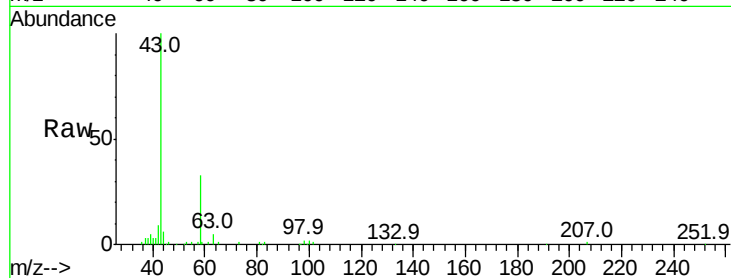
GAB12

Tgt Ion: 43 Resp: 75732

Ion Ratio Lower Upper

43 100

58 35.0 0.0 69.4



#21

2-Butanone

Concen: 2.295 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004671.D

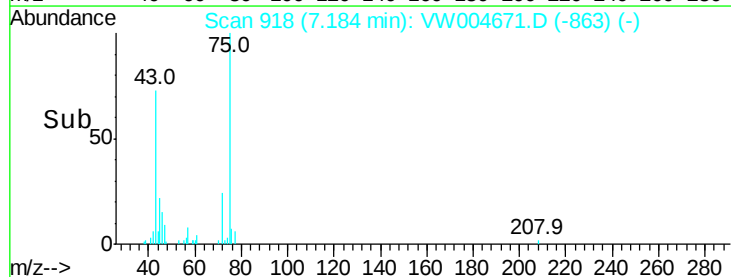
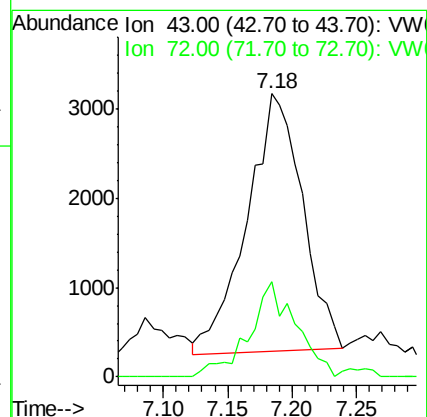
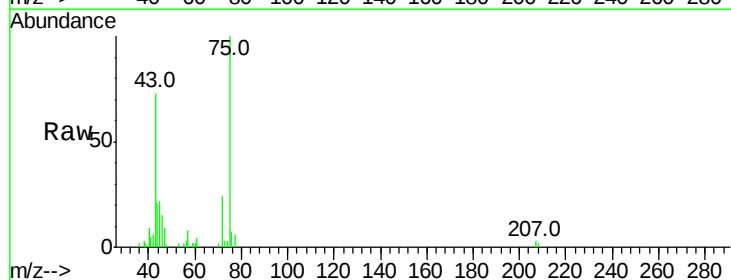
Acq: 14 Aug 2018 16:58

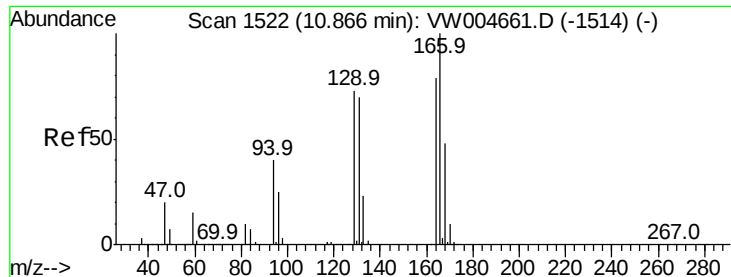
Tgt Ion: 43 Resp: 8638

Ion Ratio Lower Upper

43 100

72 24.5 14.1 42.2





#47

Tetrachloroethene

Concen: 88.042 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004671.D

Acq: 14 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

GAB12

Tgt Ion:164 Resp: 758633

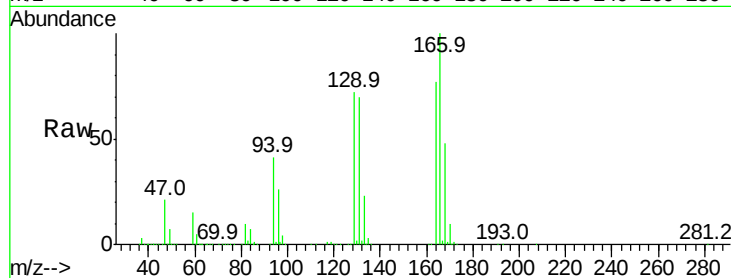
Ion Ratio Lower Upper

164 100

129 93.6 65.0 120.6

131 90.4 62.2 115.4

166 129.1 88.9 165.1

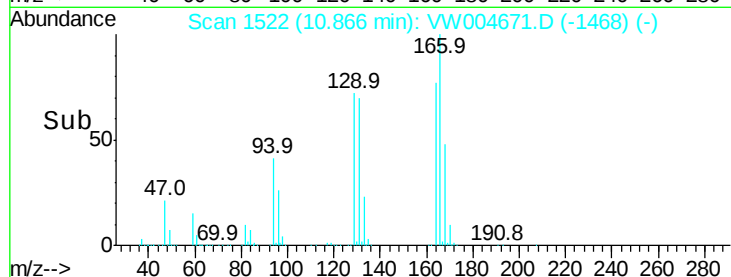


Abundance Ion 164.00 (163.70 to 164.70): V

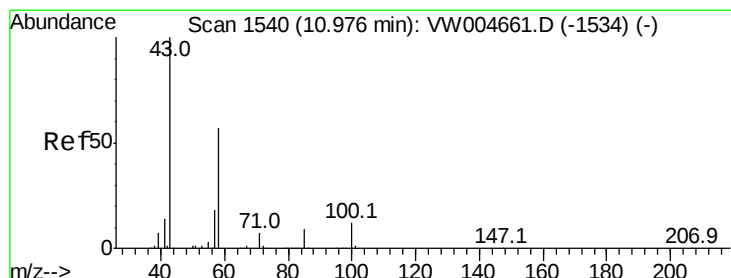
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#49

2-Hexanone

Concen: 3.731 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004671.D

Acq: 14 Aug 2018 16:58

Tgt Ion: 43 Resp: 18843

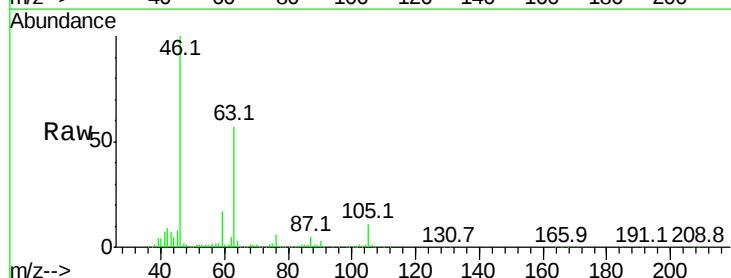
Ion Ratio Lower Upper

43 100

58 31.3 44.4 66.6#

57 36.3 14.8 22.2#

100 3.3 9.4 14.2#

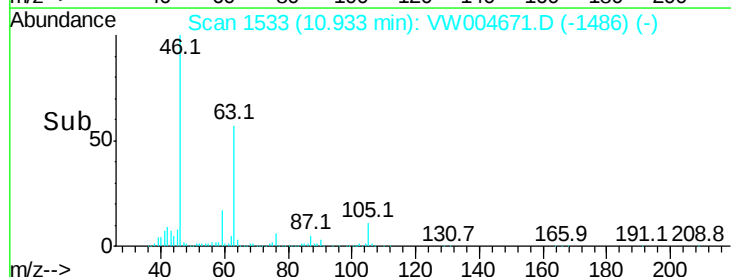


Abundance Ion 43.00 (42.70 to 43.70): VV

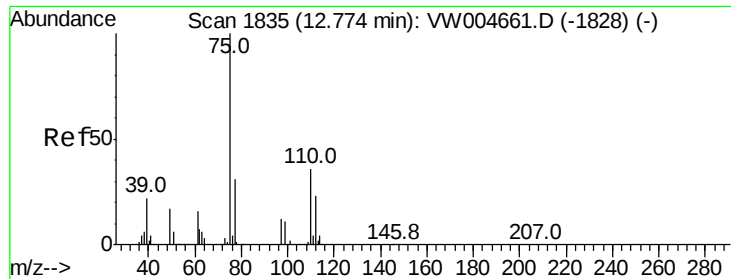
Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV



Time-->



#59

1,2,3-Trichloropropane

Concen: 3.038 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004671.D

Acq: 14 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

GAB12

Tgt Ion: 75 Resp: 24415

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6

