

Data File : VW004668.D
Acq On : 14 Aug 2018 15:40
Operator : SY/AP
Sample : J4450-12
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB09

Quant Time: Aug 15 08:51:55 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	133363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	43690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	47865	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
7) Chloroethane-d5	2.89	69	37403	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
10) 1,1-Dichloroethene-d2	4.01	63	57571	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	7.09	46	37667	65.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.34%
24) Chloroform-d	7.65	84	80750	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	48906	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.32%
29) Benzene-d6	8.28	84	152037	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.28	67	52250	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.33	98	110471	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.84%
38) trans-1,3-Dichloropropene-	10.59	79	16701	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	23654	55.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	62811	31.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.80%#
61) 1,2-Dichlorobenzene-d4	13.86	152	39460	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

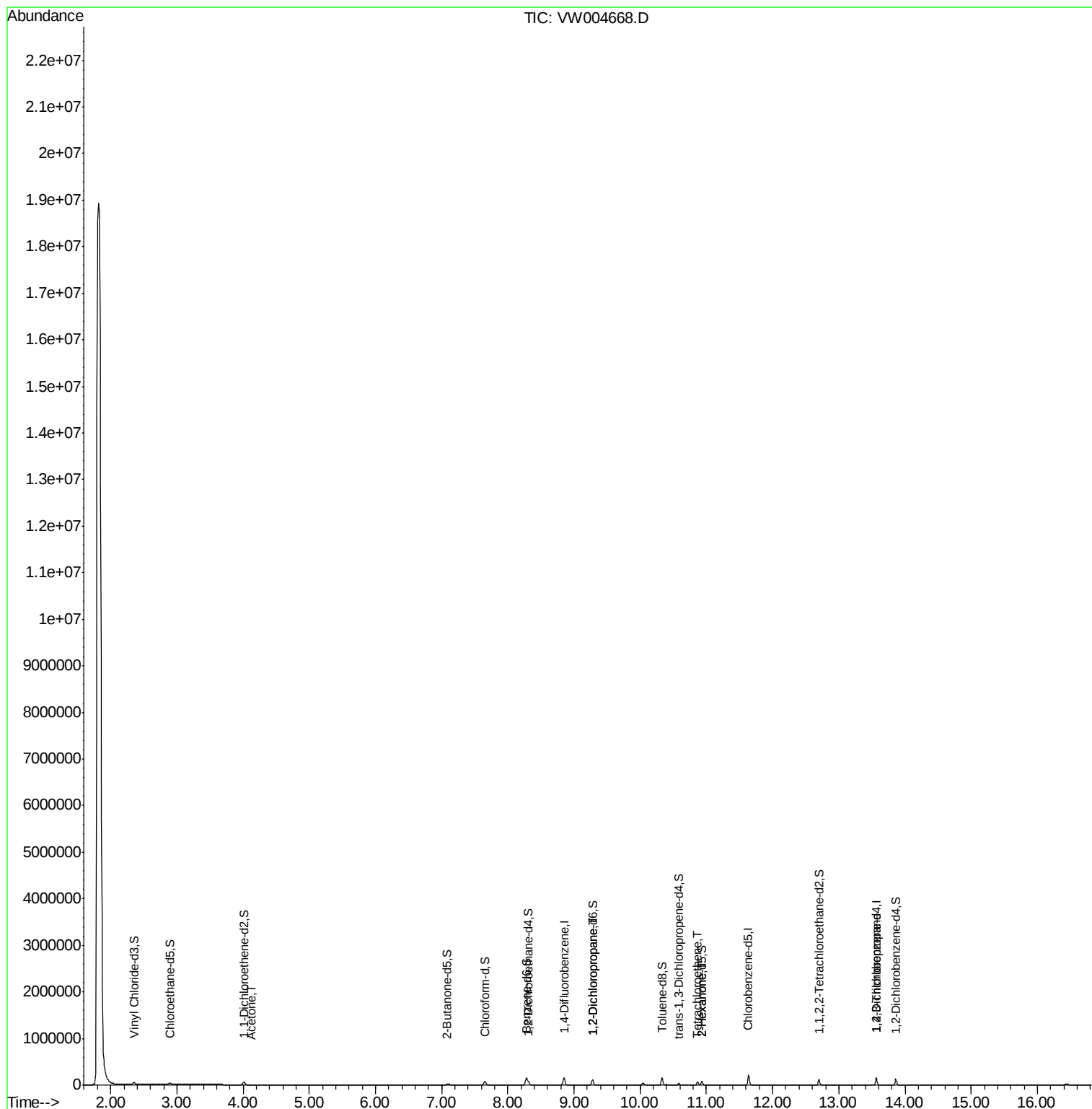
					Qvalue
13) Acetone	4.13	43	7743	14.712 ug/L	98
40) 1,2-Dichloropropane	9.29	63	5516	2.795 ug/L #	87
47) Tetrachloroethene	10.87	164	14141	8.707 ug/L	97
49) 2-Hexanone	10.93	43	3660	3.845 ug/L #	71
59) 1,2,3-Trichloropropane	13.57	75	5357	3.537 ug/L	96

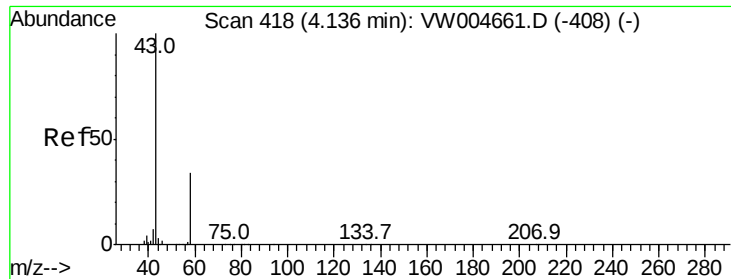
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.712 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

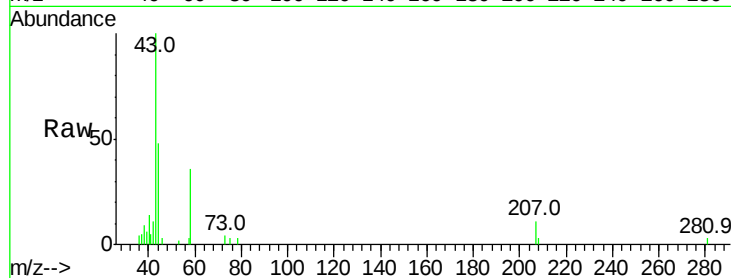
GAB09

Tgt Ion: 43 Resp: 7743

Ion Ratio Lower Upper

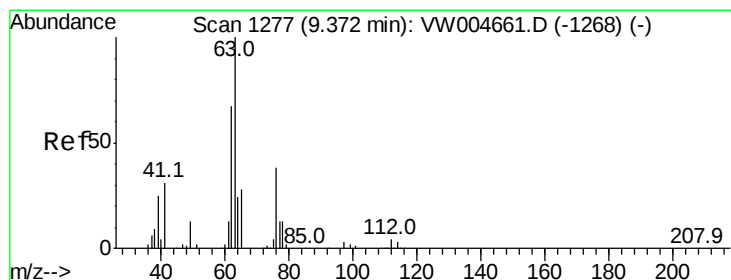
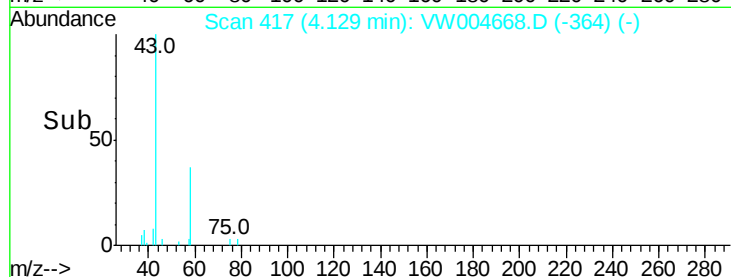
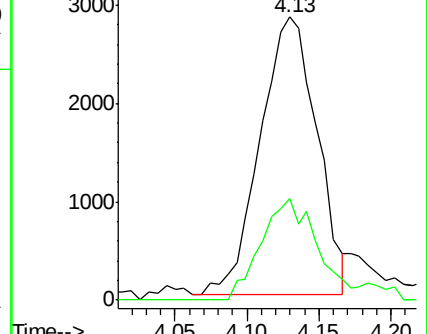
43 100

58 35.7 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 2.795 ug/L

RT: 9.29 min Scan# 1263

Delta R.T. -0.09 min

Lab File: VW004668.D

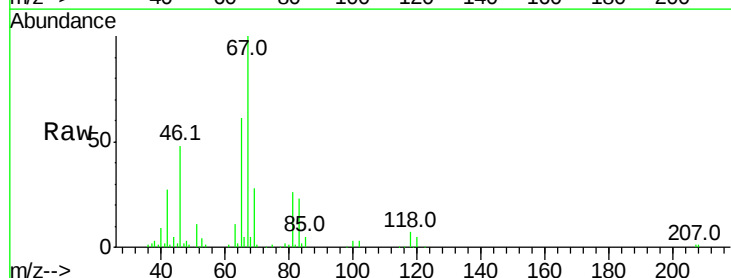
Acq: 14 Aug 2018 15:40

Tgt Ion: 63 Resp: 5516

Ion Ratio Lower Upper

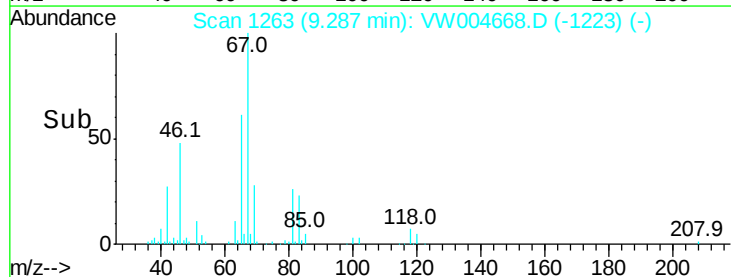
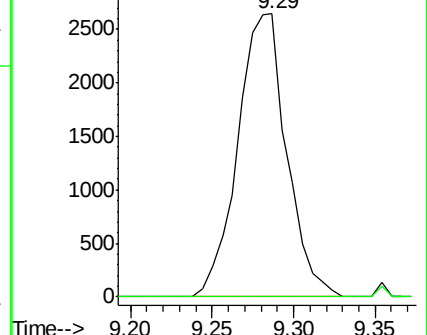
63 100

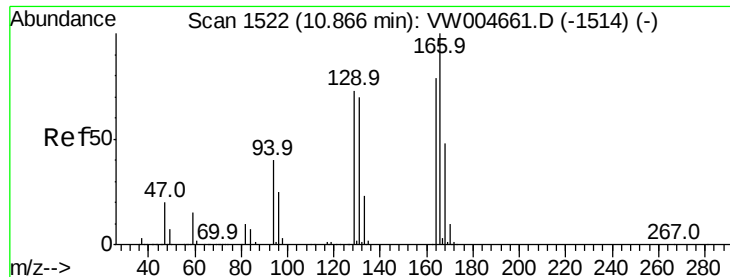
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 8.707 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004668.D

Acq: 14 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

GAB09

Tgt Ion:164 Resp: 14141

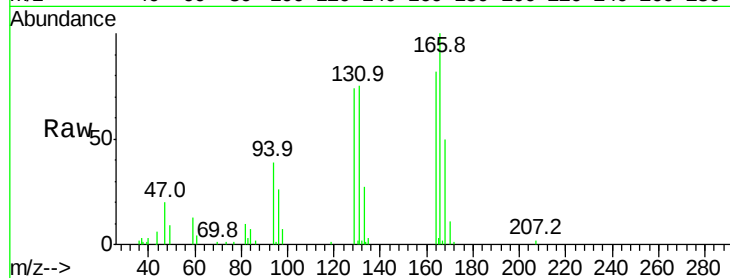
Ion Ratio Lower Upper

164 100

129 90.1 65.0 120.6

131 90.9 62.2 115.4

166 121.6 88.9 165.1

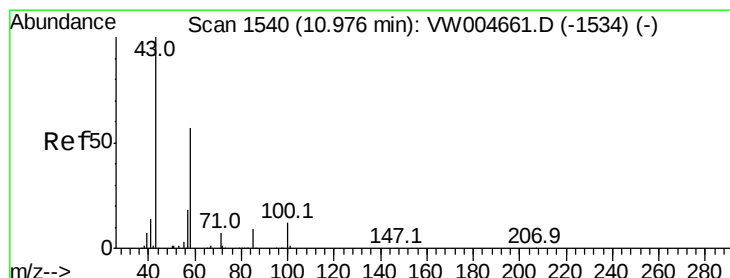
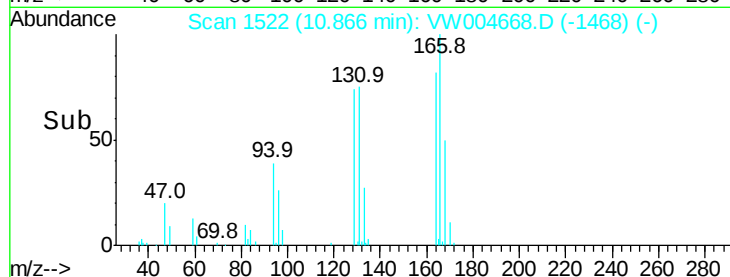
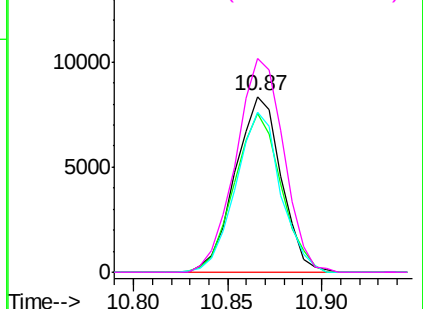


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 3.845 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

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Acq: 14 Aug 2018 15:40

Tgt Ion: 43 Resp: 3660

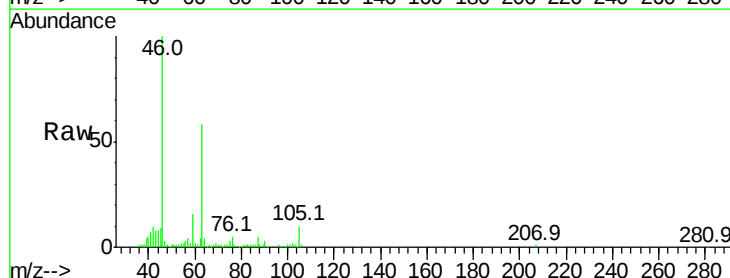
Ion Ratio Lower Upper

43 100

58 41.3 44.4 66.6#

57 48.5 14.8 22.2#

100 7.4 9.4 14.2#

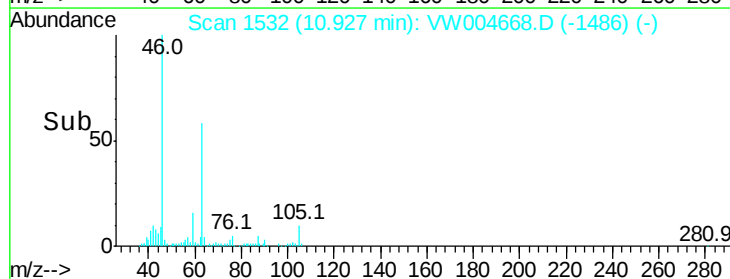
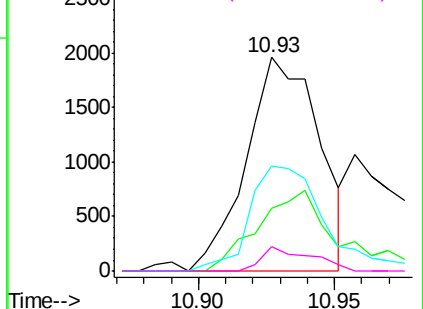


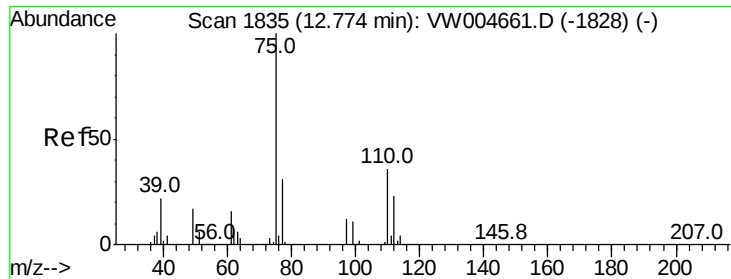
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.537 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004668.D

Acq: 14 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

GAB09

Tgt Ion: 75 Resp: 5357

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.6

