

Data File : VW004670.D
Acq On : 14 Aug 2018 16:32
Operator : SY/AP
Sample : J4450-14
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB11

Quant Time: Aug 15 08:52:08 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	697348	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	702535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	267911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	206994	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
7) Chloroethane-d5	2.89	69	181030	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.01	63	315045	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.09	46	192787	64.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.56%
24) Chloroform-d	7.65	84	465377	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.31	65	274194	27.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.76%
29) Benzene-d6	8.28	84	884003	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.28	67	300087	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.33	98	724874	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	10.58	79	105365	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.93	63	152272	62.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	363451	31.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	276038	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

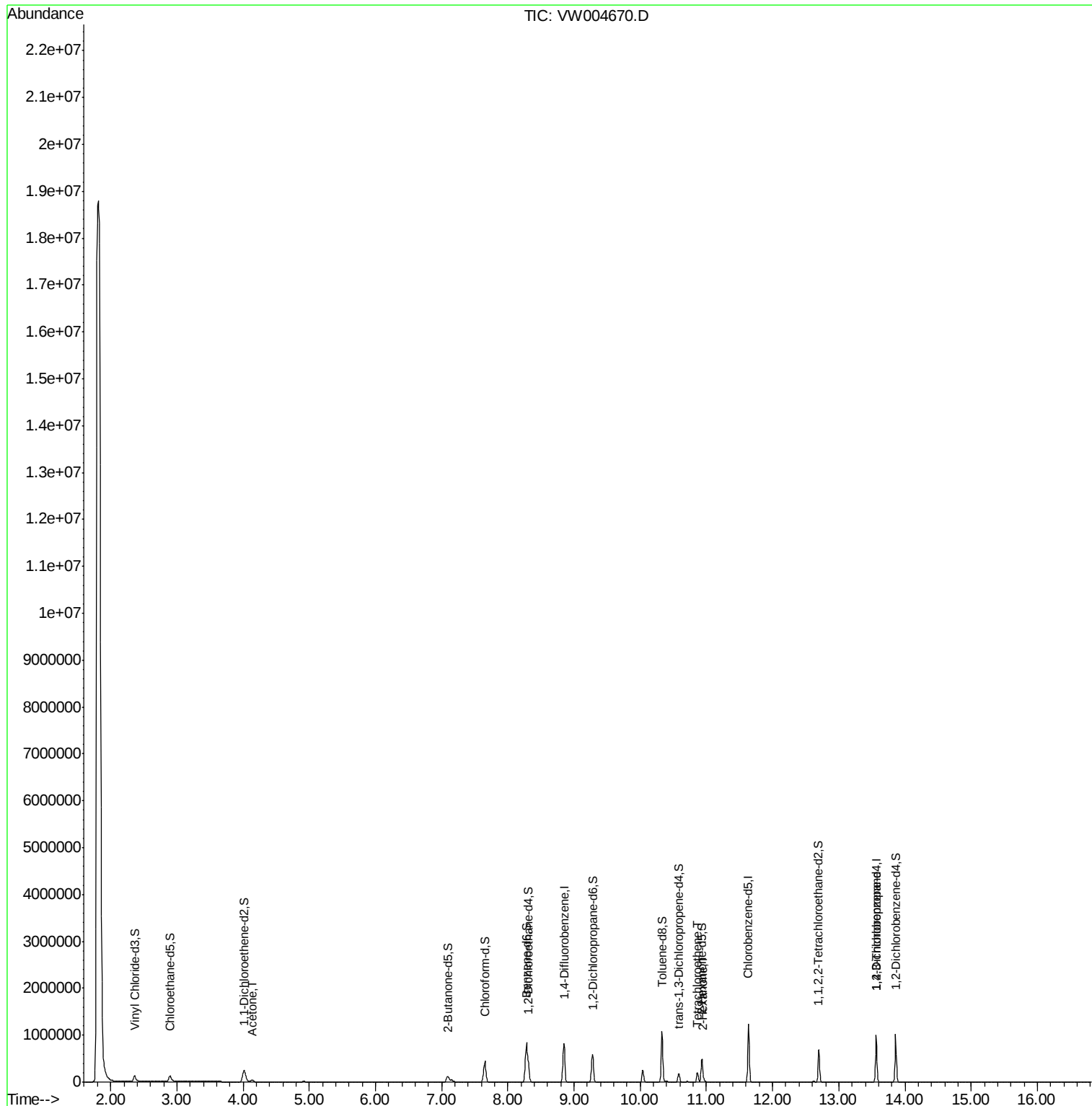
Target Compounds					Qvalue
13) Acetone	4.14	43	66077	24.011 ug/L	99
47) Tetrachloroethene	10.87	164	49622	5.315 ug/L	98
49) 2-Hexanone	10.96	43	47645	8.707 ug/L #	38
59) 1,2,3-Trichloropropane	13.56	75	30997	3.560 ug/L	93

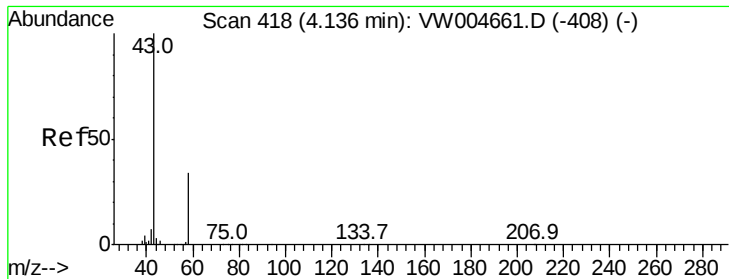
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.011 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

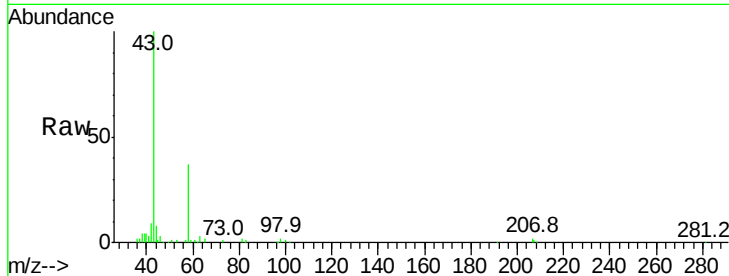
GAB11

Tgt Ion: 43 Resp: 66077

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

15000

10000

5000

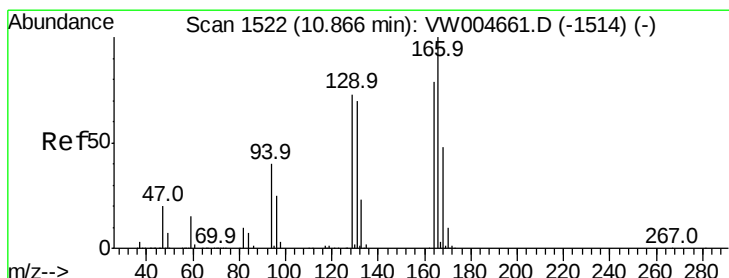
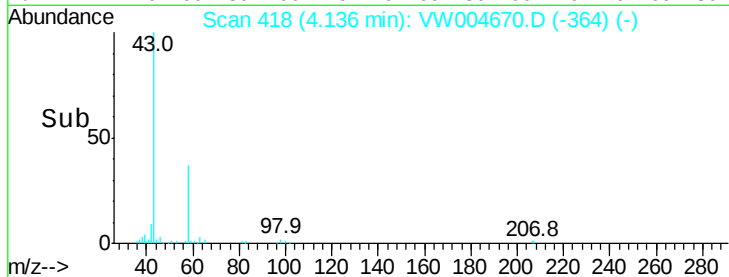
0

Time-->

4.00

4.10

4.20



#47

Tetrachloroethene

Concen: 5.315 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Acq: 14 Aug 2018 16:32

Tgt Ion: 164 Resp: 49622

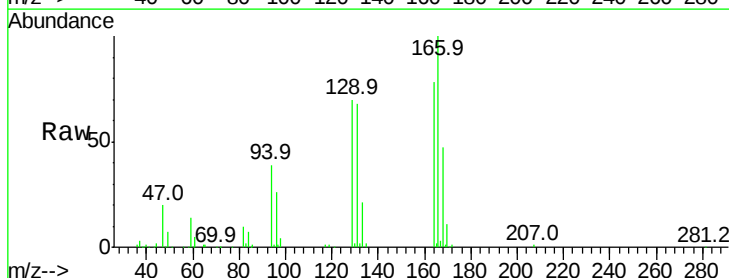
Ion Ratio Lower Upper

164 100

129 90.0 65.0 120.6

131 87.4 62.2 115.4

166 128.2 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

50000

40000

30000

20000

10000

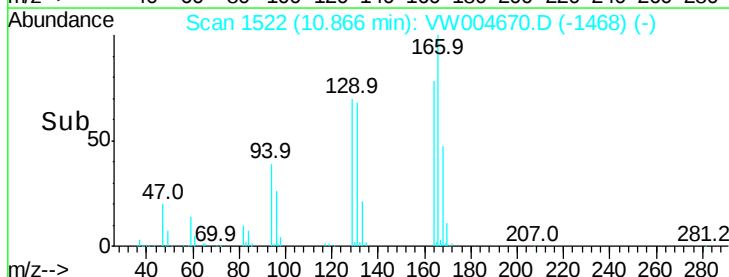
0

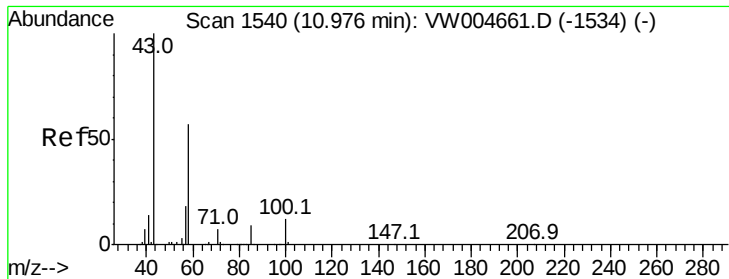
Time-->

10.80

10.85

10.90





#49

2-Hexanone

Concen: 8.707 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004670.D

Acq: 14 Aug 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

GAB11

Tgt Ion: 43 Resp: 47645

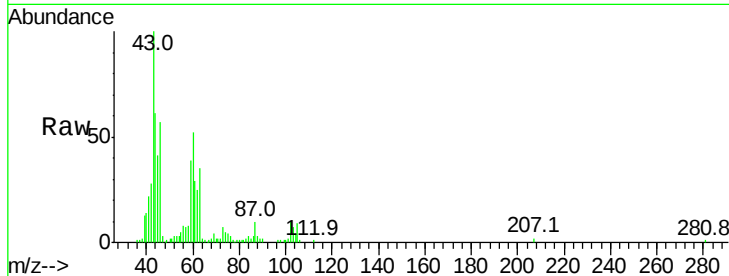
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 0.0 14.8 22.2#

100 0.5 9.4 14.2#

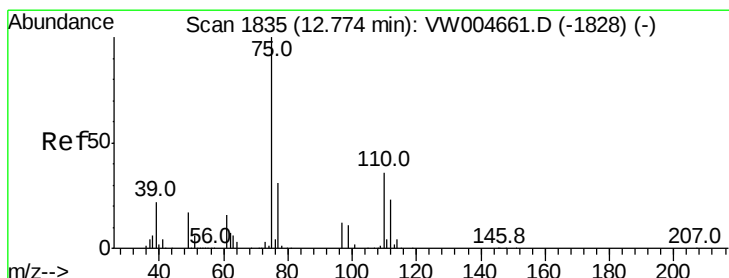
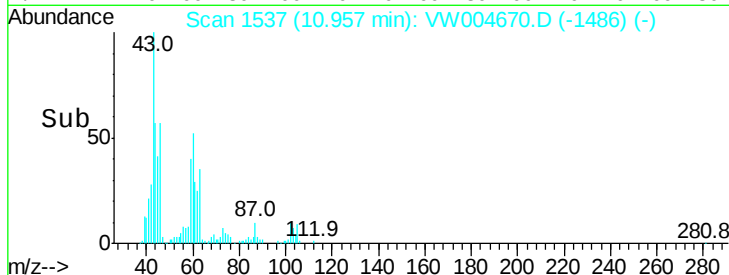
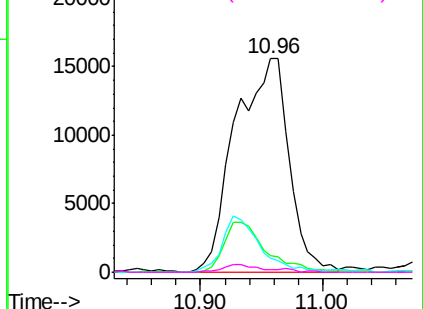


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 3.560 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

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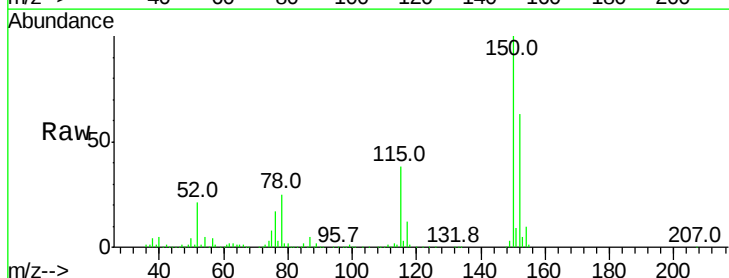
Acq: 14 Aug 2018 16:32

Tgt Ion: 75 Resp: 30997

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

