

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004904.D
 Acq On : 23 Aug 2018 18:18
 Operator : SY/AP
 Sample : J4624-08
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4434

Quant Time: Aug 24 05:02:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	816244	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	854201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	423654	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	359722	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.89	69	272368	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.03	63	368965	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.92%
20) 2-Butanone-d5	7.10	46	106070	33.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.56%
24) Chloroform-d	7.65	84	453671	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.31	65	233553	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	8.28	84	1036632	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.28	67	302925	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.84%
37) Toluene-d8	10.33	98	1115711	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.88%
38) trans-1,3-Dichloropropene-	10.59	79	122162	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.96%
39) 2-Hexanone-d5	10.93	63	107522	33.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	251221	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	415502	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

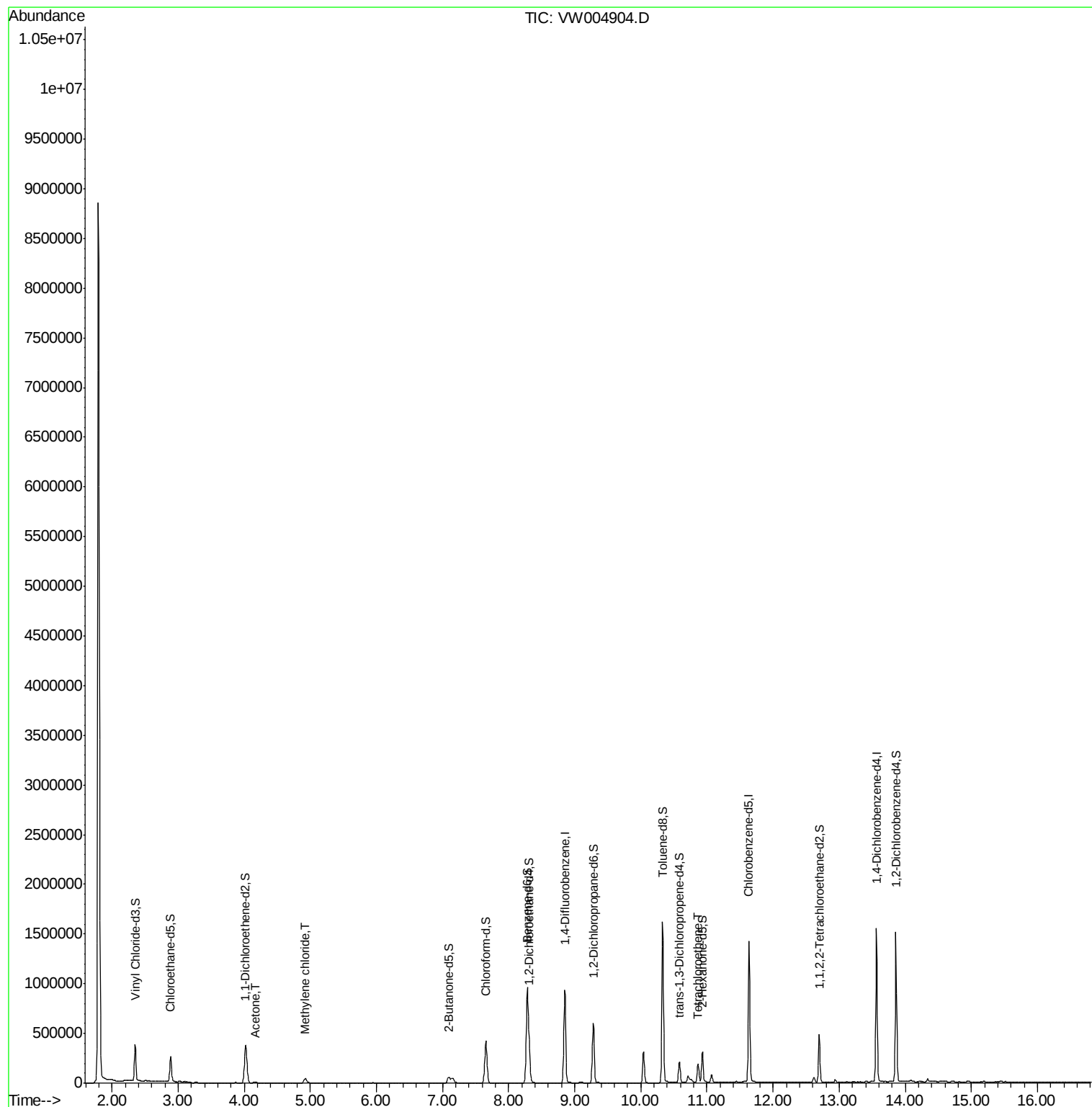
Target Compounds						Ovalue
13) Acetone	4.15	43	6981	2.87	ug/L	76
16) Methylene chloride	4.92	84	34693	2.19	ug/L	95
47) Tetrachloroethene	10.87	164	45206	3.81	ug/L	99

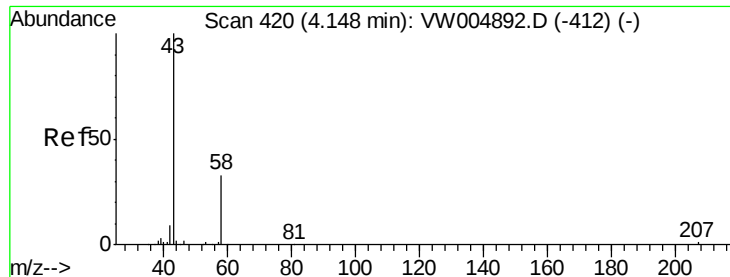
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.87 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

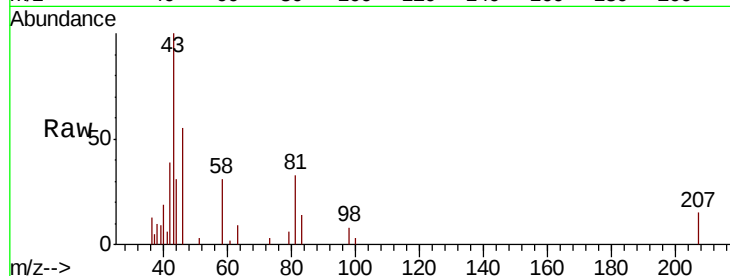
E4434

Tot Ion: 43 Resp: 6981

Ion Ratio Lower Upper

43 100

58 20.9 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

1500

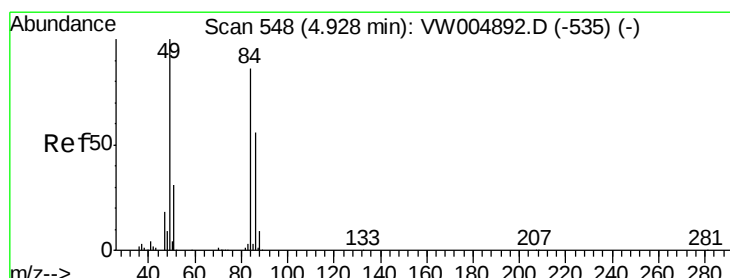
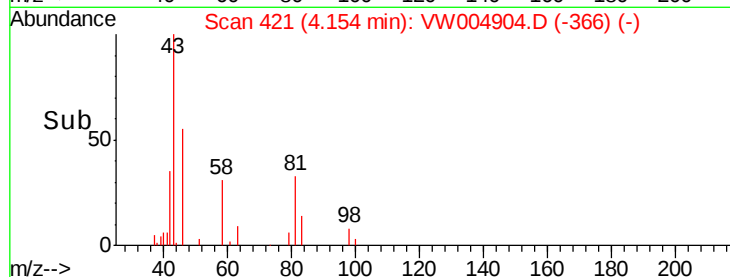
1000

500

0

Time-->

4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 2.19 ug/L

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

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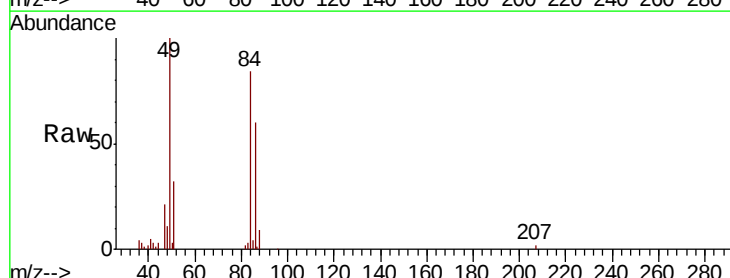
Tgt Ion: 84 Resp: 34693

Ion Ratio Lower Upper

84 100

49 118.4 83.8 155.6

86 71.0 42.6 79.0



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

15000

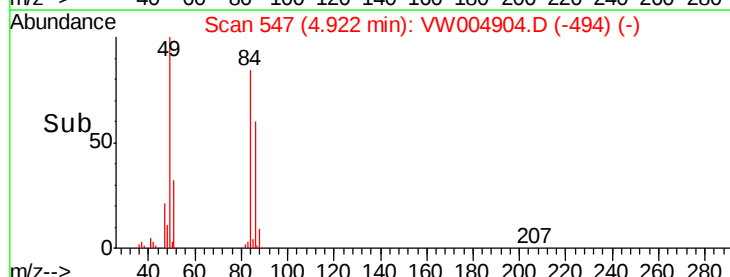
10000

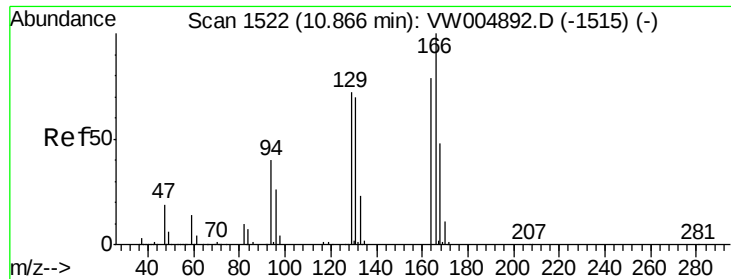
5000

0

Time-->

4.80 4.90 5.00





#47

Tetrachloroethene

Concen: 3.81 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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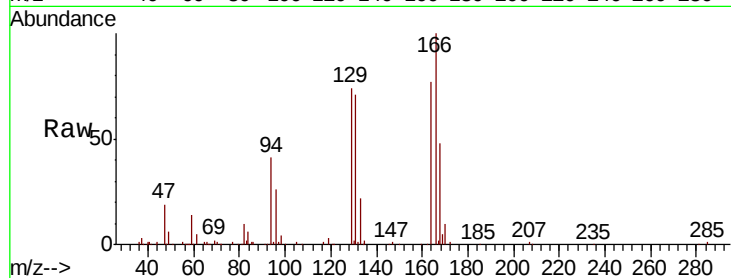
Acq: 23 Aug 2018 18:18

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Tot Ion:164 Resp: 45206

Ion Ratio Lower Upper

164 100

129 96.3 66.8 124.0

131 92.7 64.0 119.0

166 129.7 89.8 166.8

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

