

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002846.D
 Acq On : 24 May 2018 14:54
 Operator : JC/SY
 Sample : J3030-06
 Misc : 6.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:57:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 25 07:55:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	216979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	76284	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
7) Chloroethane-d5	2.89	69	64835	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	4.00	63	89357	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.09	46	70414	51.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.36%
24) Chloroform-d	7.65	84	157106	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	8.31	65	100717	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.84%
29) Benzene-d6	8.27	84	277819	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	9.28	67	97059	29.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.44%
37) Toluene-d8	10.33	98	244689	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.59	79	33968	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	10.93	63	55152	58.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	87505	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.87	152	53400	23.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.96%

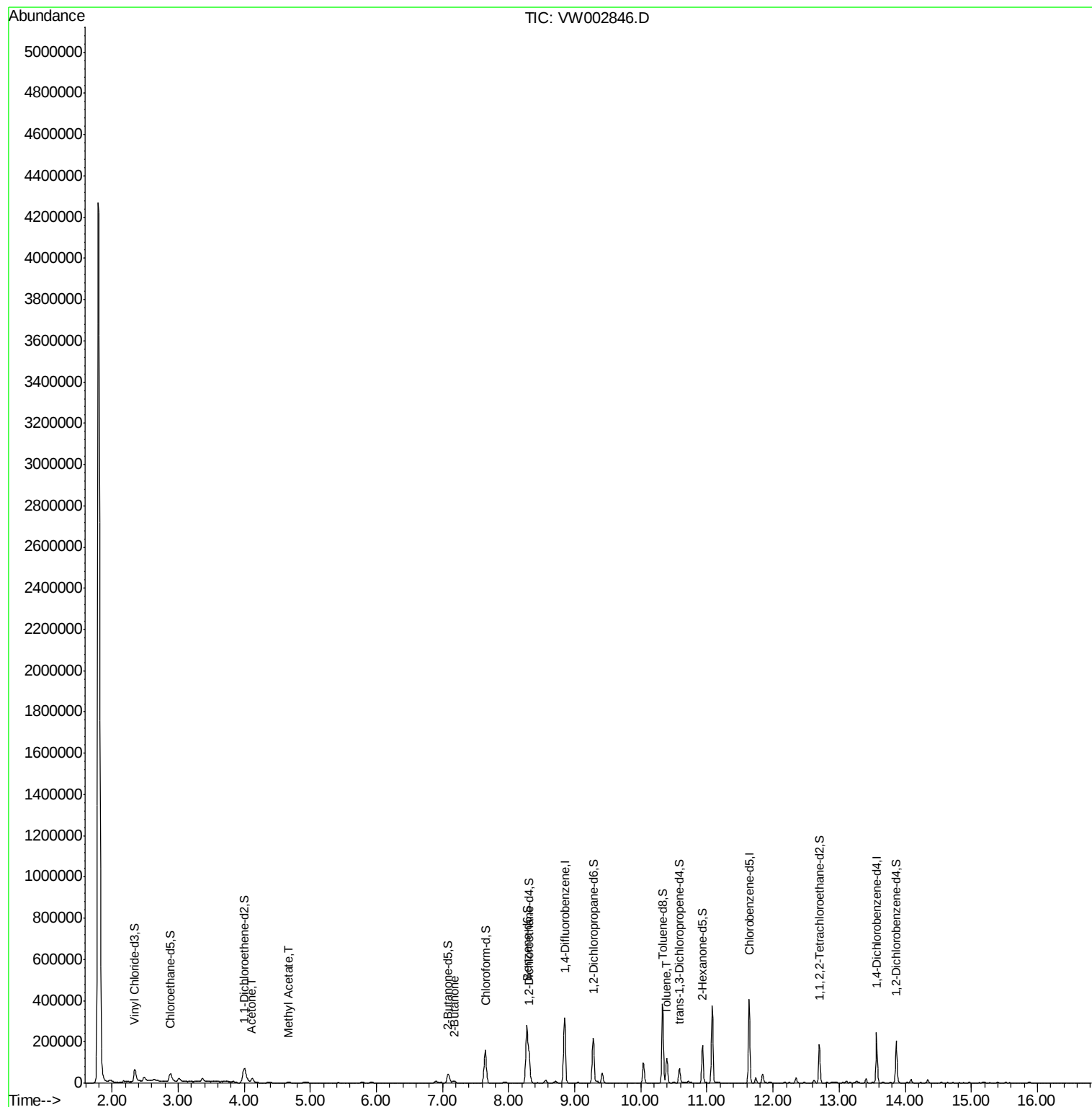
Target Compounds

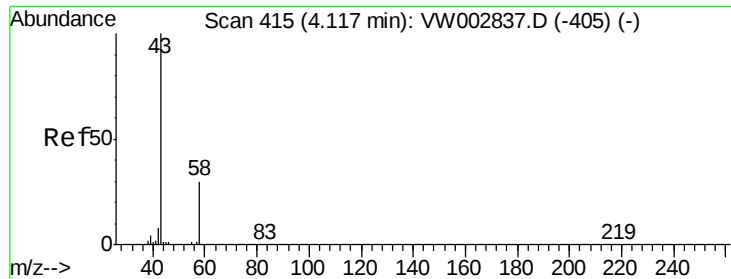
						Qvalue
13) Acetone	4.12	43	34780	28.58	ug/L	96
15) Methyl Acetate	4.67	43	9719	4.39	ug/L	# 77
21) 2-Butanone	7.18	43	7059	4.38	ug/L	85
44) Toluene	10.39	91	84148	6.56	ug/L	99

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

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#13

Acetone

Concen: 28.58 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002846.D

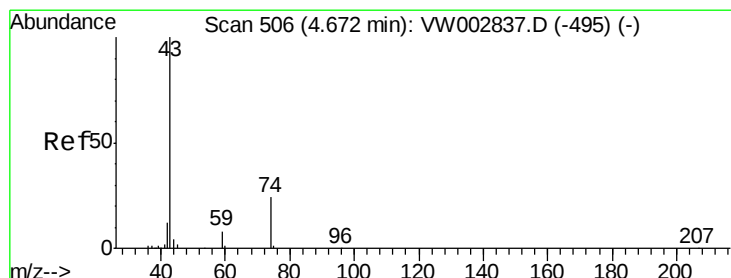
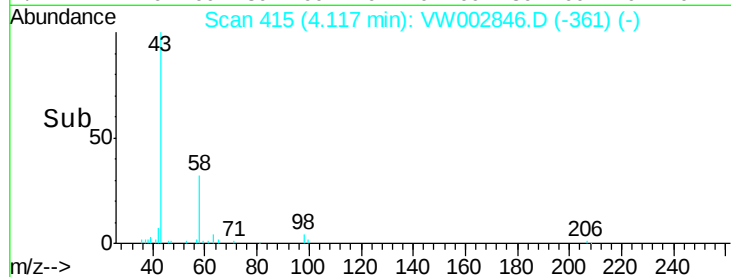
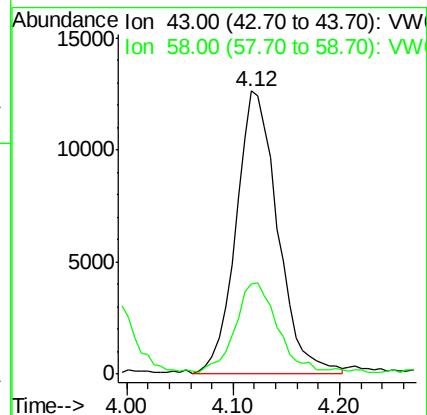
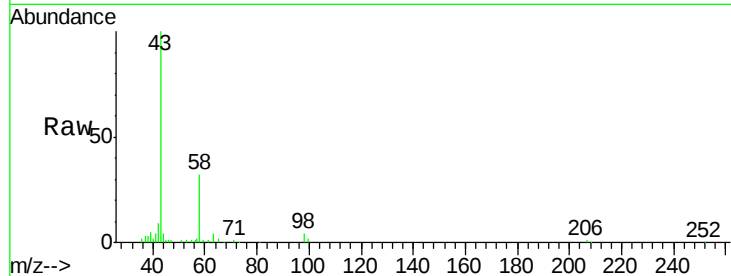
Acq: 24 May 2018 14:54

Tgt Ion: 43 Resp: 34780

Ion Ratio Lower Upper

43 100

58 32.1 0.0 59.8



#15

Methyl Acetate

Concen: 4.39 ug/L

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW002846.D

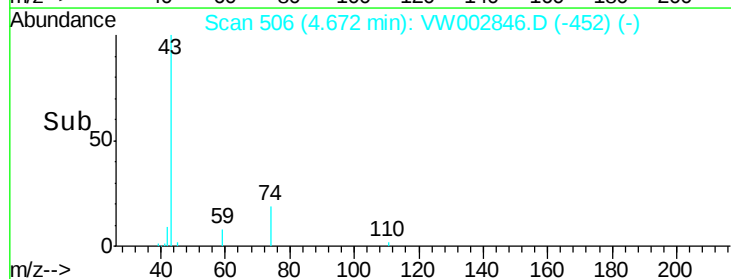
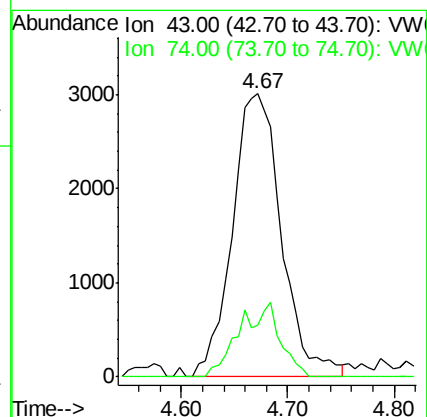
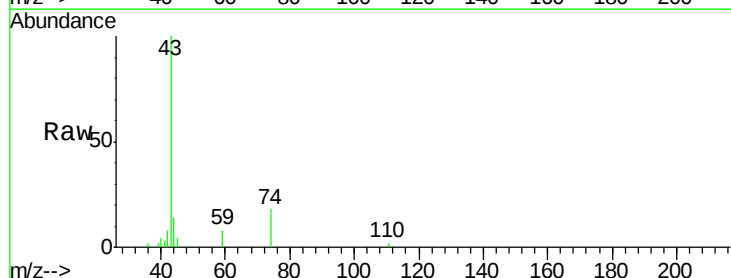
Acq: 24 May 2018 14:54

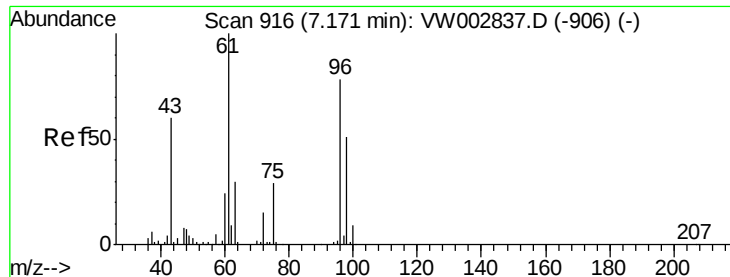
Tgt Ion: 43 Resp: 9719

Ion Ratio Lower Upper

43 100

74 12.4 18.8 28.2#





#21

2-Butanone

Concen: 4.38 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002846.D

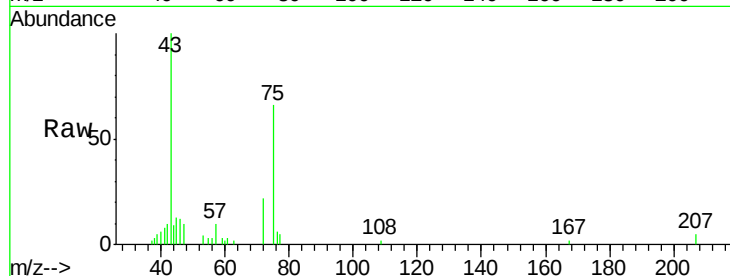
Acq: 24 May 2018 14:54

Tgt Ion: 43 Resp: 7059

Ion Ratio Lower Upper

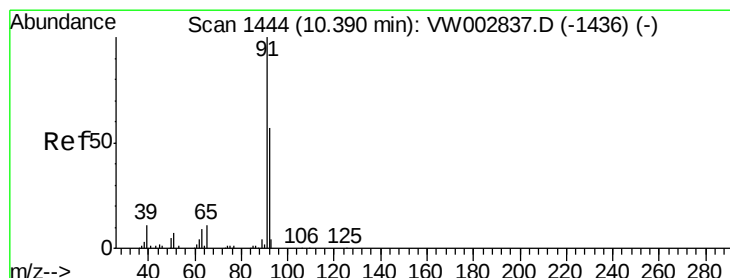
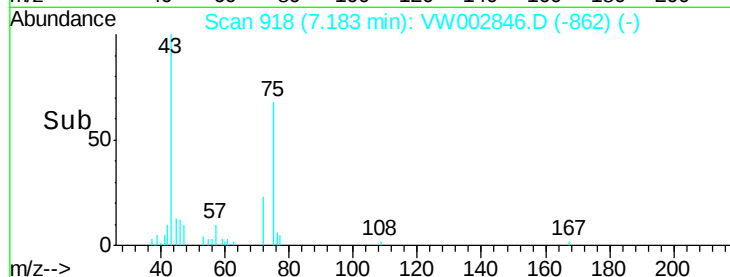
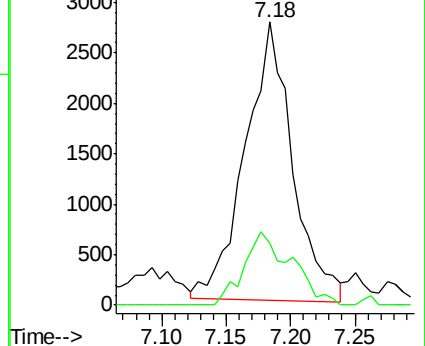
43 100

72 19.4 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#44

Toluene

Concen: 6.56 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002846.D

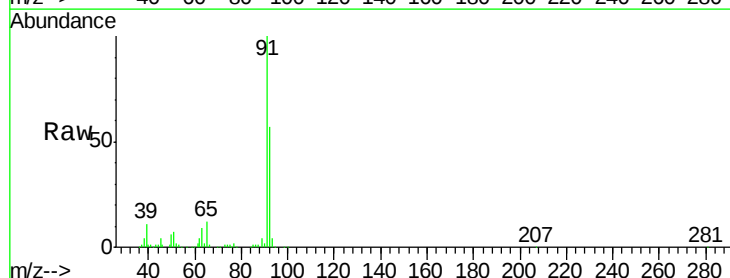
Acq: 24 May 2018 14:54

Tgt Ion: 91 Resp: 84148

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

