

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002847.D
 Acq On : 24 May 2018 15:20
 Operator : JC/SY
 Sample : J3030-07
 Misc : 6.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:57:19 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	242735	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	205352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	63036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	73592	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.89	69	63344	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
10) 1,1-Dichloroethene-d2	4.00	63	84795	15.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.20%
20) 2-Butanone-d5	7.09	46	70984	55.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.80%
24) Chloroform-d	7.65	84	144003	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	94122	26.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.16%
29) Benzene-d6	8.27	84	251200	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.28	67	88413	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.04%
37) Toluene-d8	10.33	98	217288	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.59	79	30835	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.93	63	54193	60.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84722	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.87	152	54709	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

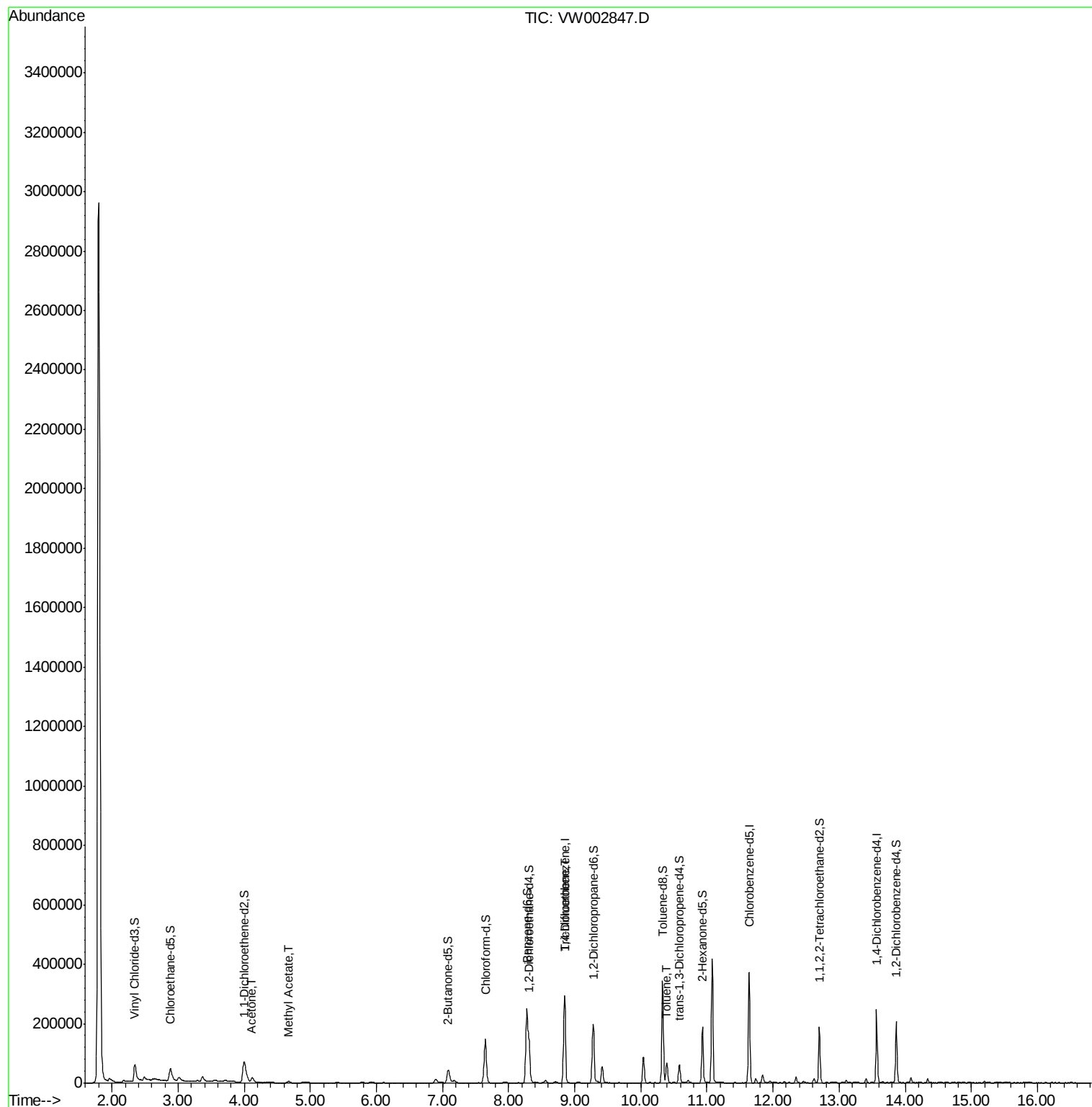
Target Compounds

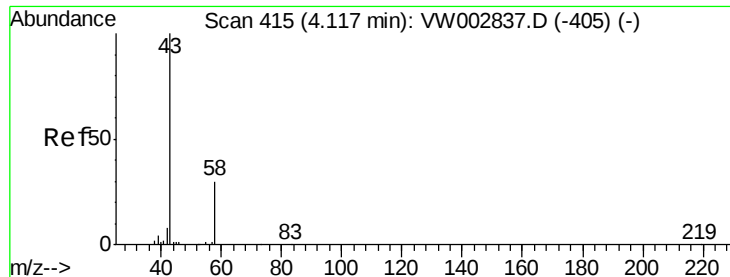
					Qvalue
13) Acetone	4.12	43	26210	23.33	ug/L 90
15) Methyl Acetate	4.67	43	7654	3.74	ug/L # 83
35) Trichloroethene	8.85	95	7680	2.52	ug/L # 3
44) Toluene	10.39	91	48260	3.97	ug/L 97

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

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#13

Acetone

Concen: 23.33 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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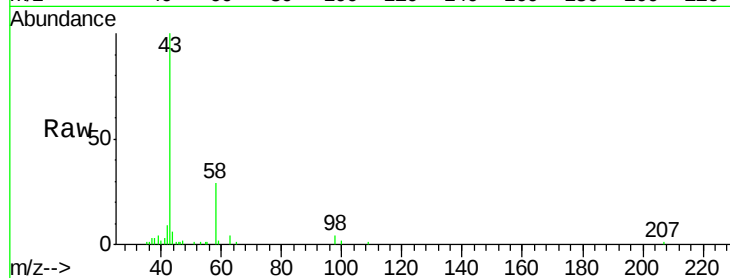
Acq: 24 May 2018 15:20

Tgt Ion: 43 Resp: 26210

Ion Ratio Lower Upper

43 100

58 35.4 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

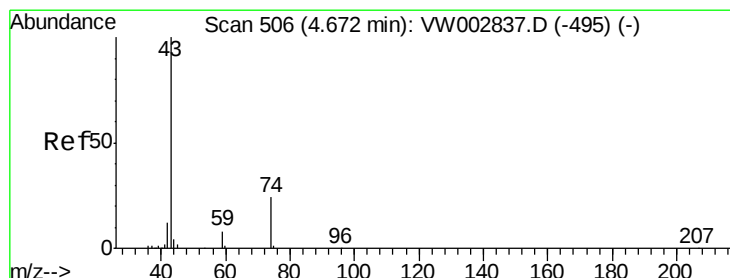
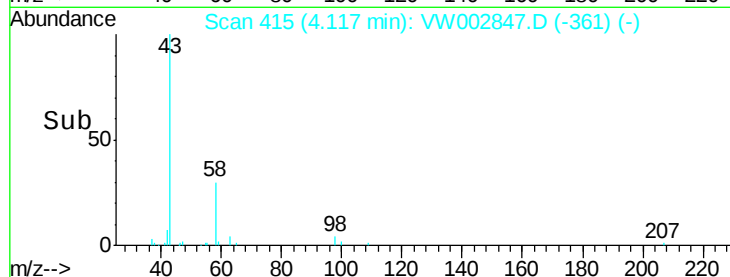
4000

2000

0

4.05 4.10 4.15 4.20

Time-->



#15

Methyl Acetate

Concen: 3.74 ug/L

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW002847.D

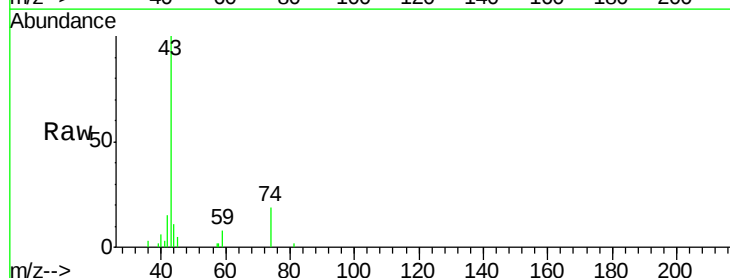
Acq: 24 May 2018 15:20

Tgt Ion: 43 Resp: 7654

Ion Ratio Lower Upper

43 100

74 15.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

3000

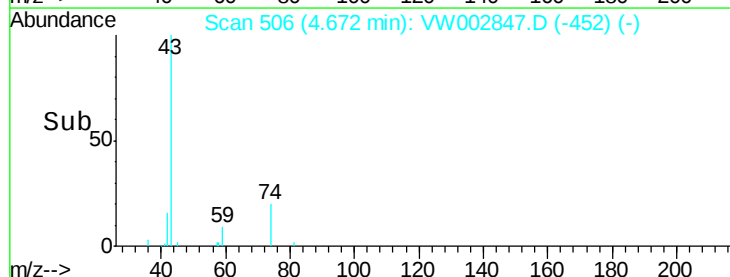
2000

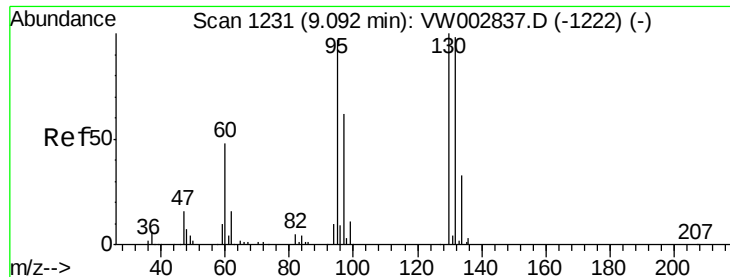
1000

0

4.60 4.65 4.70 4.75

Time-->





#35

Trichloroethene

Concen: 2.52 ug/L

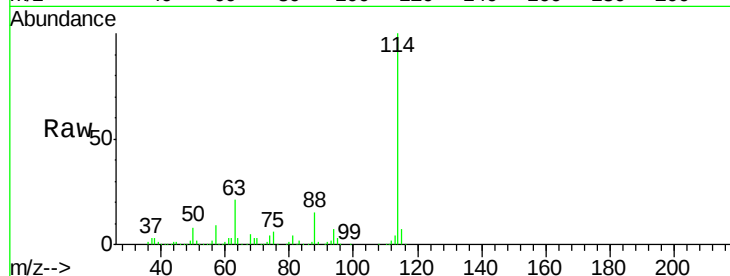
RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW002847.D

Acq: 24 May 2018 15:20

Tgt Ion:	95	Resp:	7680
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.3	84.1#
132	0.0	71.4	132.6#
130	0.0	72.5	134.7#

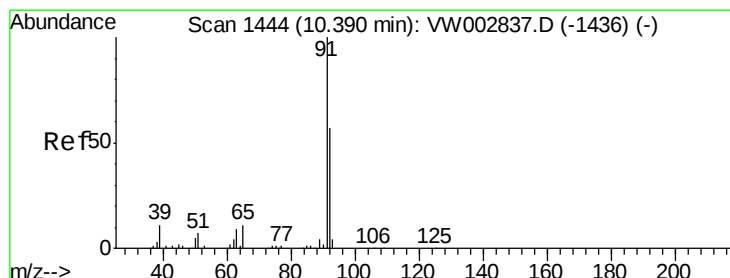
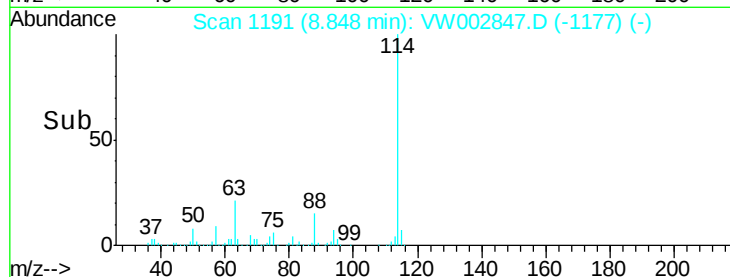
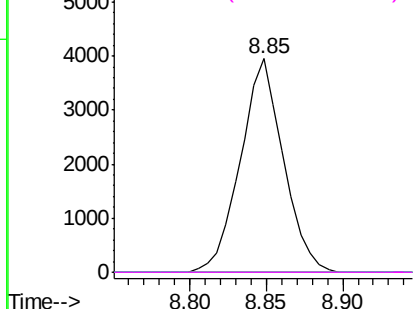


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 3.97 ug/L

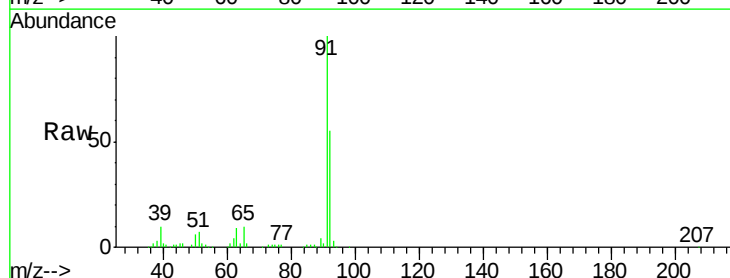
RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW002847.D

Acq: 24 May 2018 15:20

Tgt Ion:	91	Resp:	48260
Ion	Ratio	Lower	Upper
91	100		
92	54.6	39.5	73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

