

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002843.D
 Acq On : 24 May 2018 13:35
 Operator : JC/SY
 Sample : J3030-01
 Misc : 4.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:56:36 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	235358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	175159	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	44569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73687	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	68766	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.00	63	86963	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.80%
20) 2-Butanone-d5	7.09	46	74369	60.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.80%
24) Chloroform-d	7.65	84	150867	26.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.96%
26) 1,2-Dichloroethane-d4	8.31	65	92989	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.16%
29) Benzene-d6	8.27	84	262332	31.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.96%
33) 1,2-Dichloropropane-d6	9.28	67	91625	34.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.16%#
37) Toluene-d8	10.33	98	219476	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.80%
38) trans-1,3-Dichloropropene-	10.59	79	28098	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.28%
39) 2-Hexanone-d5	10.93	63	52122	68.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.46%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84478	28.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	45934	28.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.16%

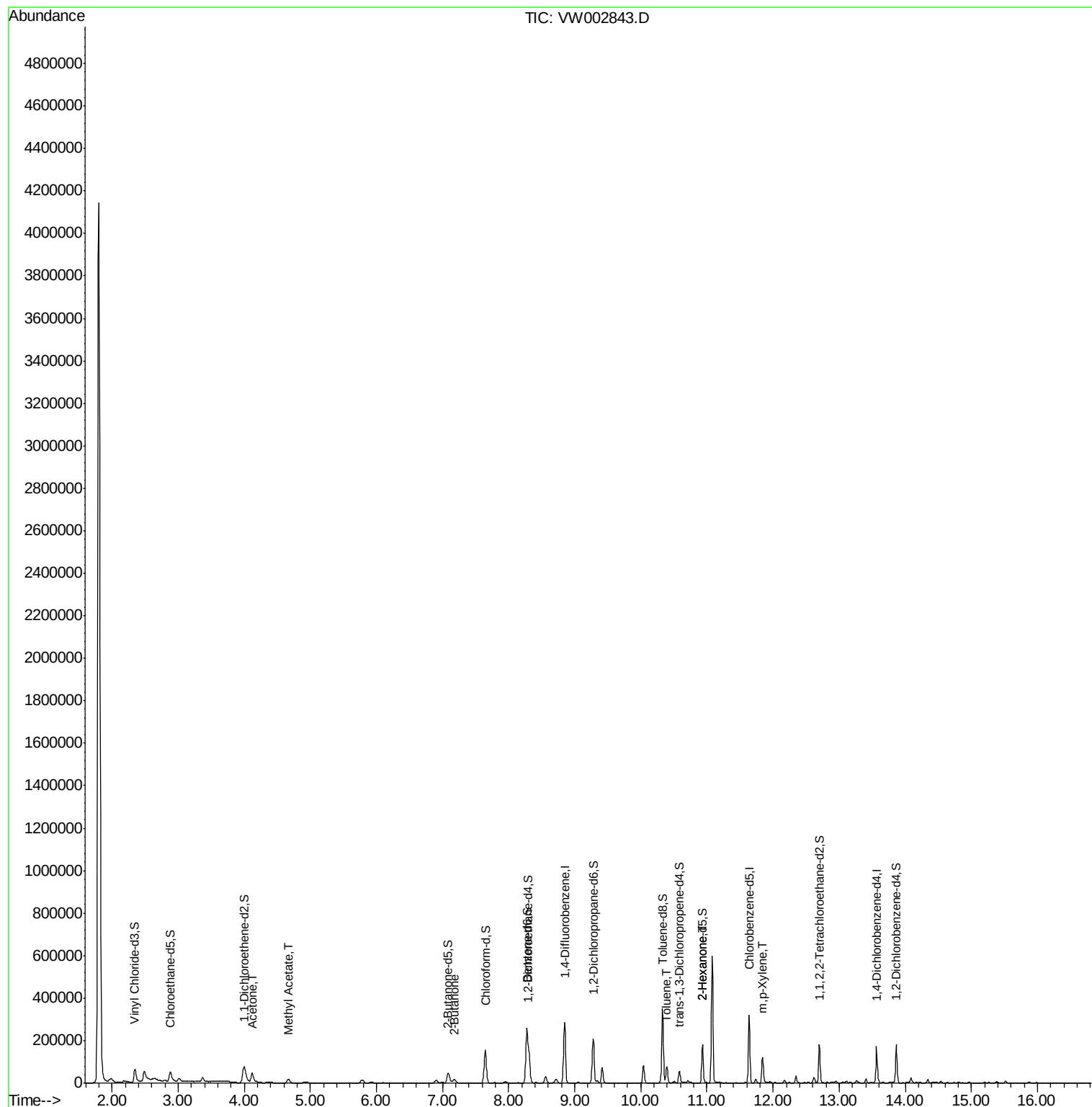
Target Compounds

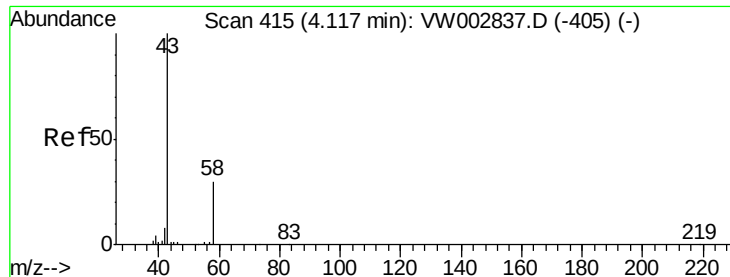
						Qvalue
13) Acetone	4.12	43	74765	68.64	ug/L	99
15) Methyl Acetate	4.67	43	32584	16.43	ug/L #	75
21) 2-Butanone	7.18	43	18800	13.04	ug/L	78
44) Toluene	10.39	91	54593	5.27	ug/L	97
49) 2-Hexanone	10.93	43	8948	5.47	ug/L #	78
54) m,p-Xylene	11.84	106	8892	2.01	ug/L	88

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

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#13

Acetone

Concen: 68.64 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002843.D

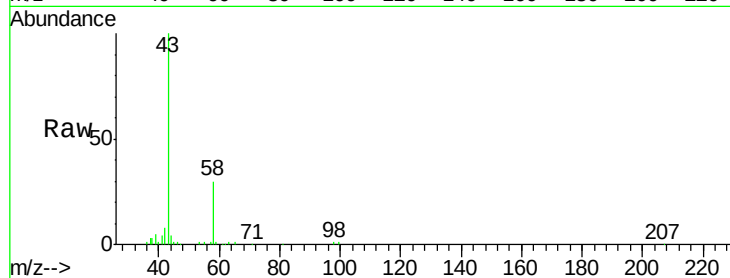
Acq: 24 May 2018 13:35

Tgt Ion: 43 Resp: 74765

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

15000

10000

5000

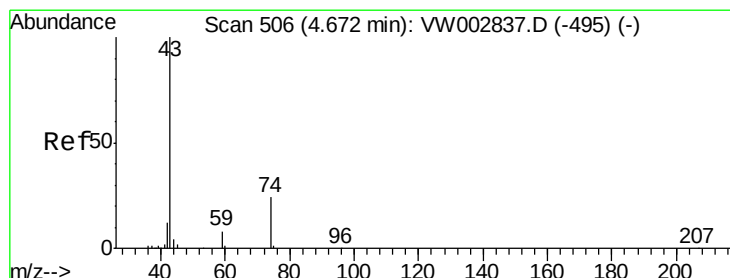
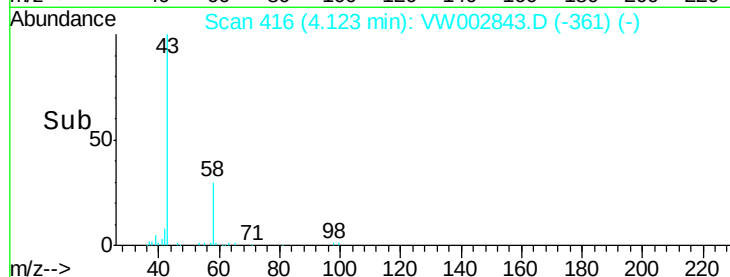
0

Time-->

4.00

4.10

4.20



#15

Methyl Acetate

Concen: 16.43 ug/L

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW002843.D

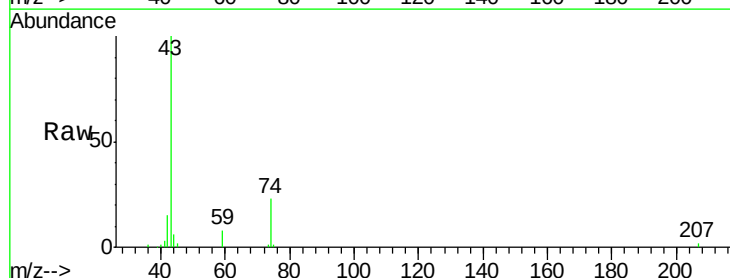
Acq: 24 May 2018 13:35

Tgt Ion: 43 Resp: 32584

Ion Ratio Lower Upper

43 100

74 11.3 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

12000

10000

8000

6000

4000

2000

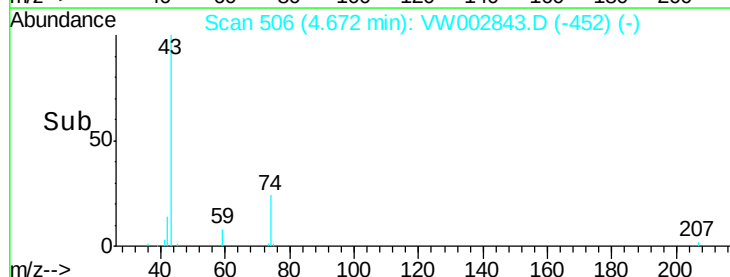
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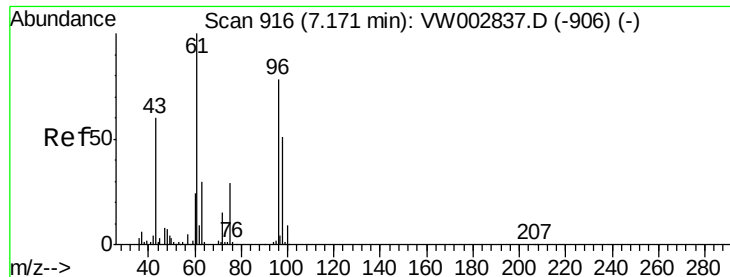
Time-->

4.60

4.70

4.80





#21

2-Butanone

Concen: 13.04 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002843.D

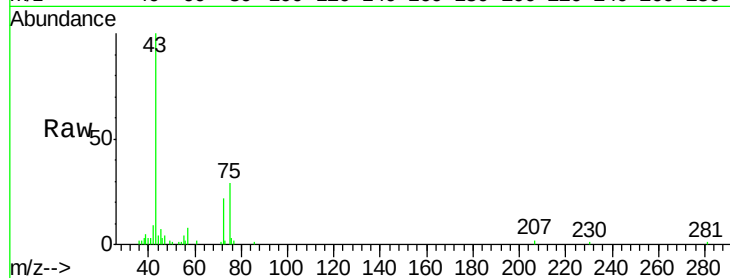
Acq: 24 May 2018 13:35

Tgt Ion: 43 Resp: 18800

Ion Ratio Lower Upper

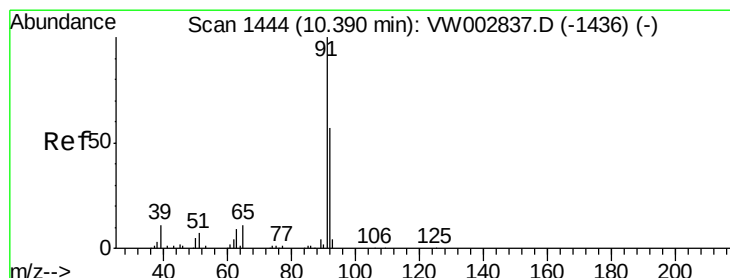
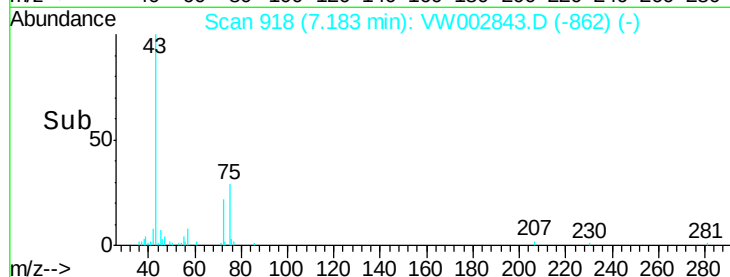
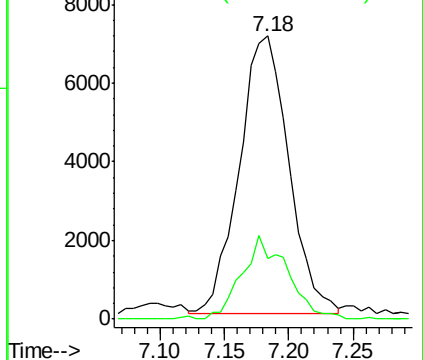
43 100

72 15.8 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: 5.27 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002843.D

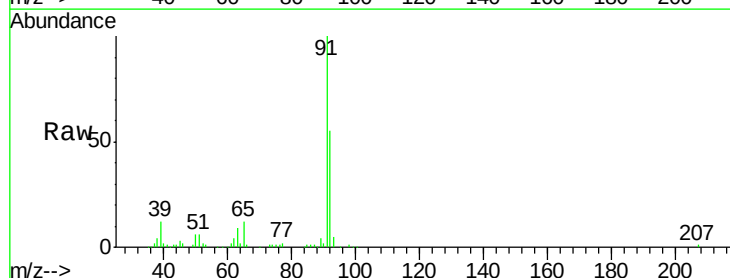
Acq: 24 May 2018 13:35

Tgt Ion: 91 Resp: 54593

Ion Ratio Lower Upper

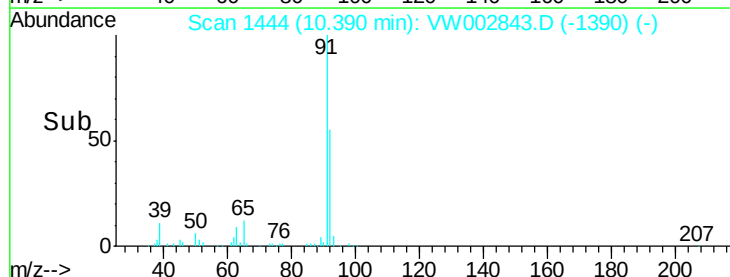
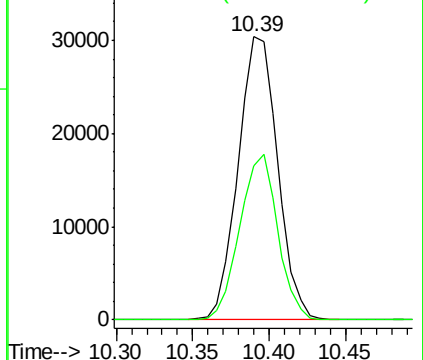
91 100

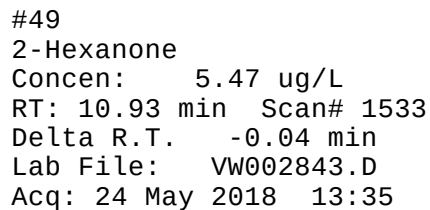
92 54.5 39.5 73.4



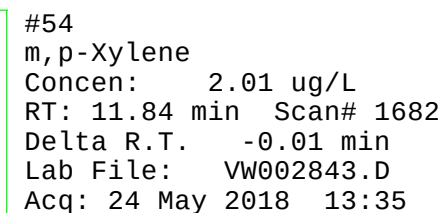
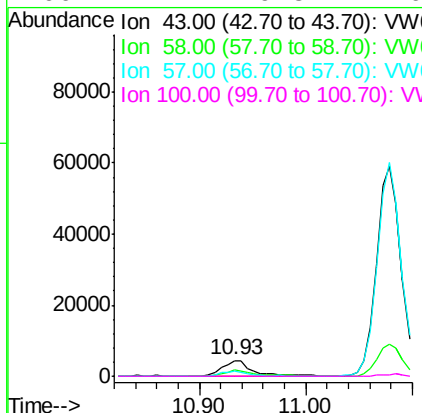
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





Tgt	Ion: 43	Resp:	8948
Ion	Ratio	Lower	Upper
43	100		
58	36.3	42.8	64.2#
57	26.4	15.9	23.9#
100	2.2	9.8	14.6#



Tgt	Ion:106	Resp:	8892
Ion	Ratio	Lower	Upper
106	100		
91	183.1	140.6	261.0

