

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002841.D
 Acq On : 24 May 2018 12:43
 Operator : JC/SY
 Sample : J3042-09
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:56:15 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	277756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	242632	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90918	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	72181	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
7) Chloroethane-d5	2.89	69	65491	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.00	63	89268	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.08	46	60296	41.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.98%
24) Chloroform-d	7.64	84	144962	21.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	8.31	65	93402	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.28	84	266407	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	9.28	67	91434	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.33	98	243366	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.48%
38) trans-1,3-Dichloropropene-	10.59	79	26578	14.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.60%
39) 2-Hexanone-d5	10.93	63	44319	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	88479	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	74418	22.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%

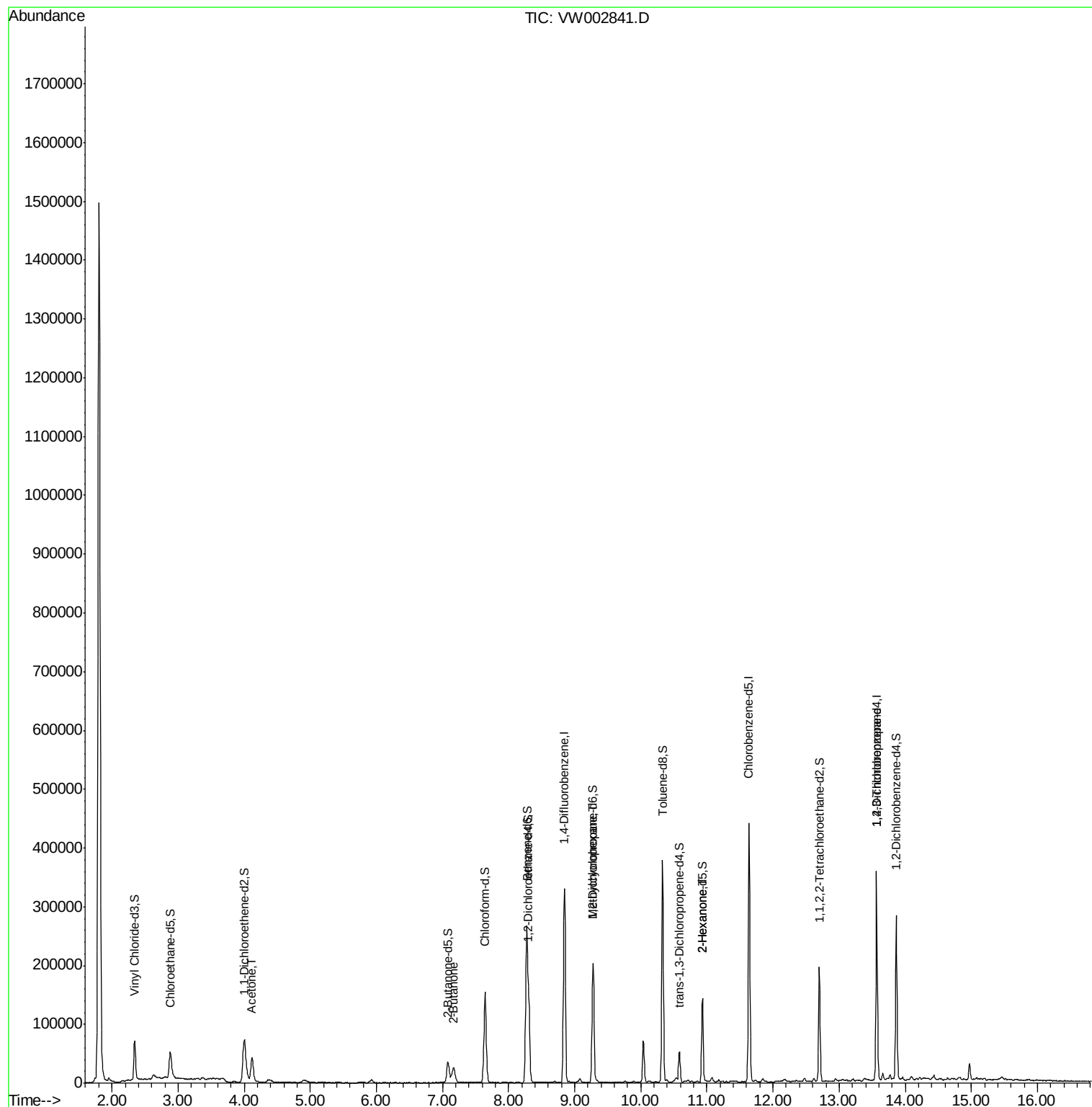
Target Compounds

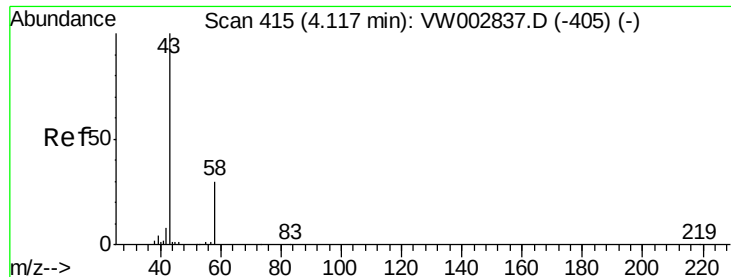
						Qvalue
13) Acetone	4.12	43	73982	57.56	ug/L	100
21) 2-Butanone	7.18	43	24969	14.68	ug/L	96
36) Methylcyclohexane	9.28	83	21688	3.65	ug/L #	20
49) 2-Hexanone	10.93	43	6171	2.72	ug/L #	70
59) 1,2,3-Trichloropropane	13.57	75	12018	4.01	ug/L	92

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

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#13

Acetone

Concen: 57.56 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW002841.D

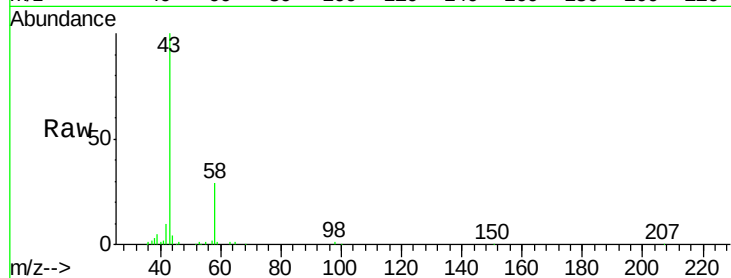
Acq: 24 May 2018 12:43

Tgt Ion: 43 Resp: 73982

Ion Ratio Lower Upper

43 100

58 29.7 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

25000

20000

15000

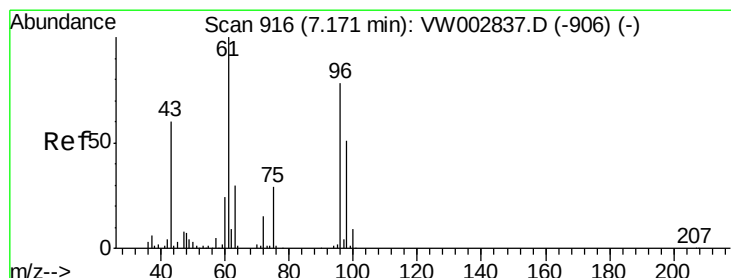
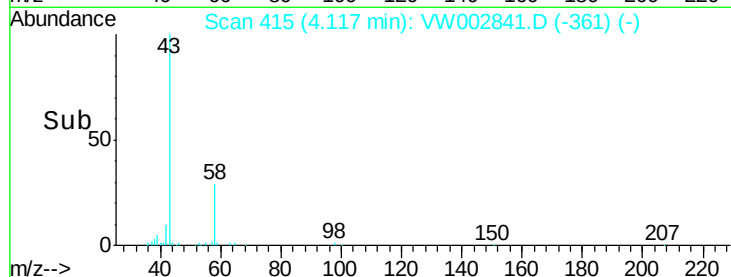
10000

5000

0

Time-->

4.00 4.10 4.20



#21

2-Butanone

Concen: 14.68 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002841.D

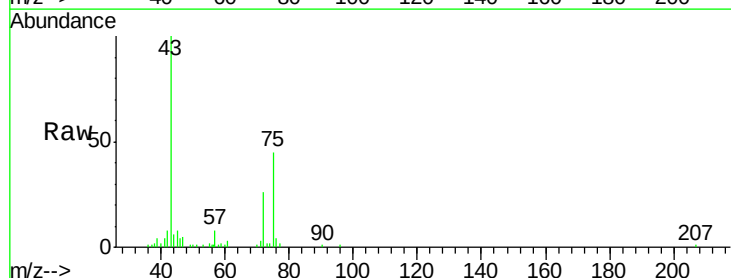
Acq: 24 May 2018 12:43

Tgt Ion: 43 Resp: 24969

Ion Ratio Lower Upper

43 100

72 25.5 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

10000

8000

6000

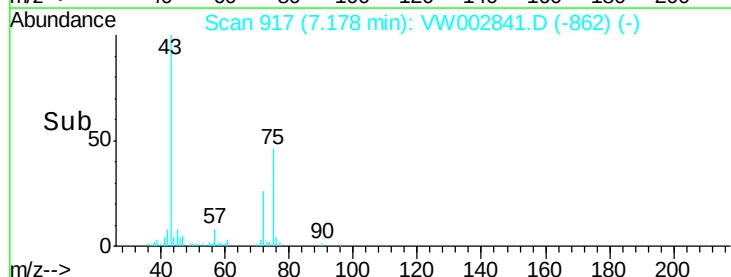
4000

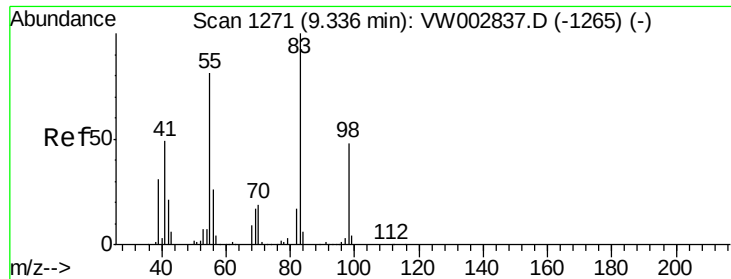
2000

0

Time-->

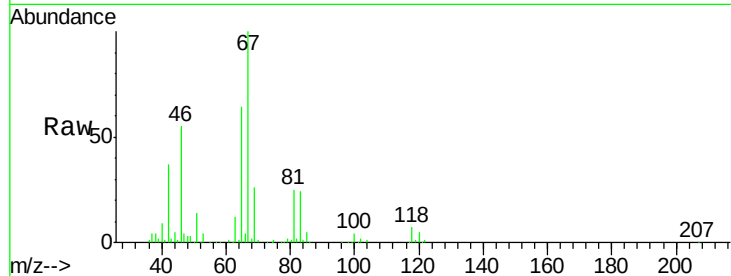
7.10 7.15 7.20 7.25



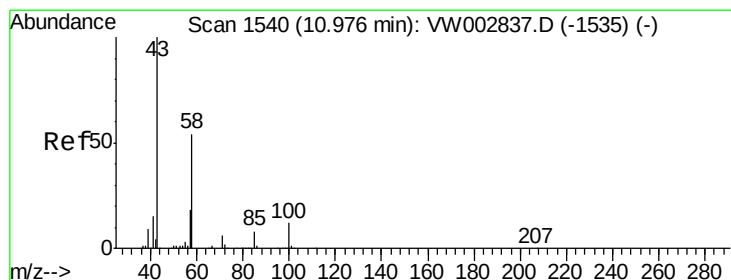
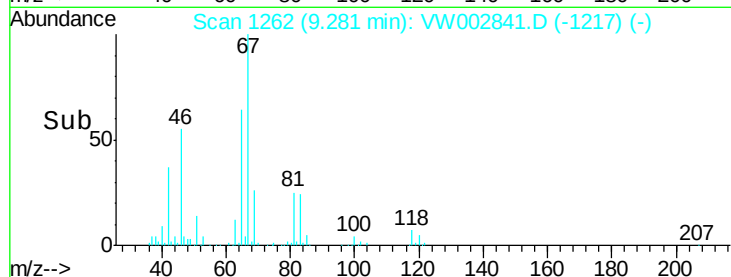
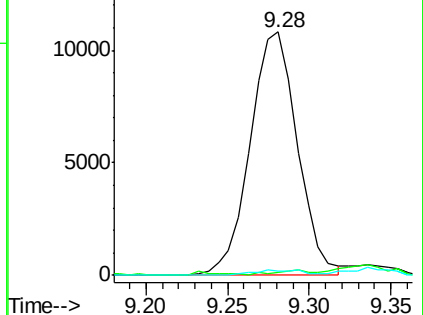


#36
Methylcyclohexane
Concen: 3.65 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW002841.D
Acq: 24 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.5	90.7#
98	1.6	38.3	57.5#

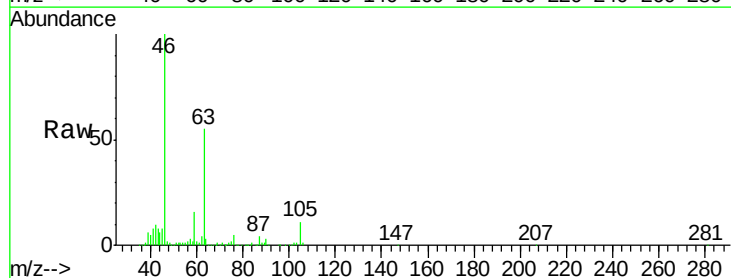


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

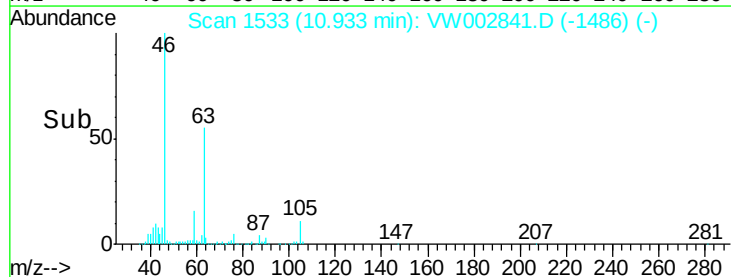
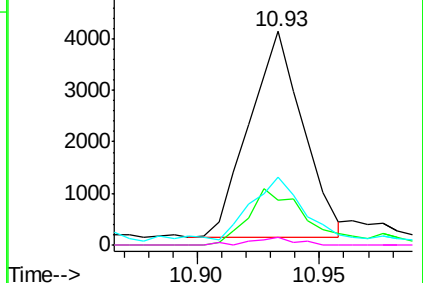


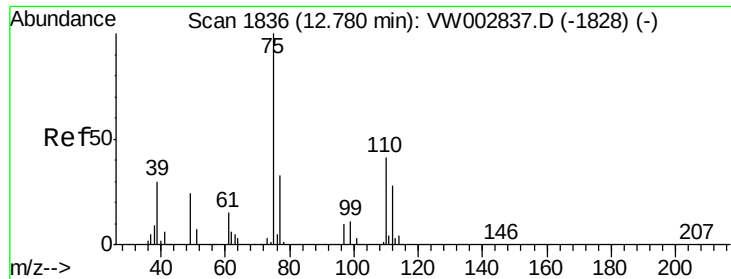
#49
2-Hexanone
Concen: 2.72 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
Lab File: VW002841.D
Acq: 24 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	42.8	64.2#
57	29.7	15.9	23.9#
100	2.6	9.8	14.6#



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: 4.01 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW002841.D

Acq: 24 May 2018 12:43

Tgt Ion: 75 Resp: 12018

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

