

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002812.D
 Acq On : 23 May 2018 04:05
 Operator : JC/SY
 Sample : J3042-04
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	247740	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	216578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	79025	25.00	ug/L	0.00

System Monitoring Compounds

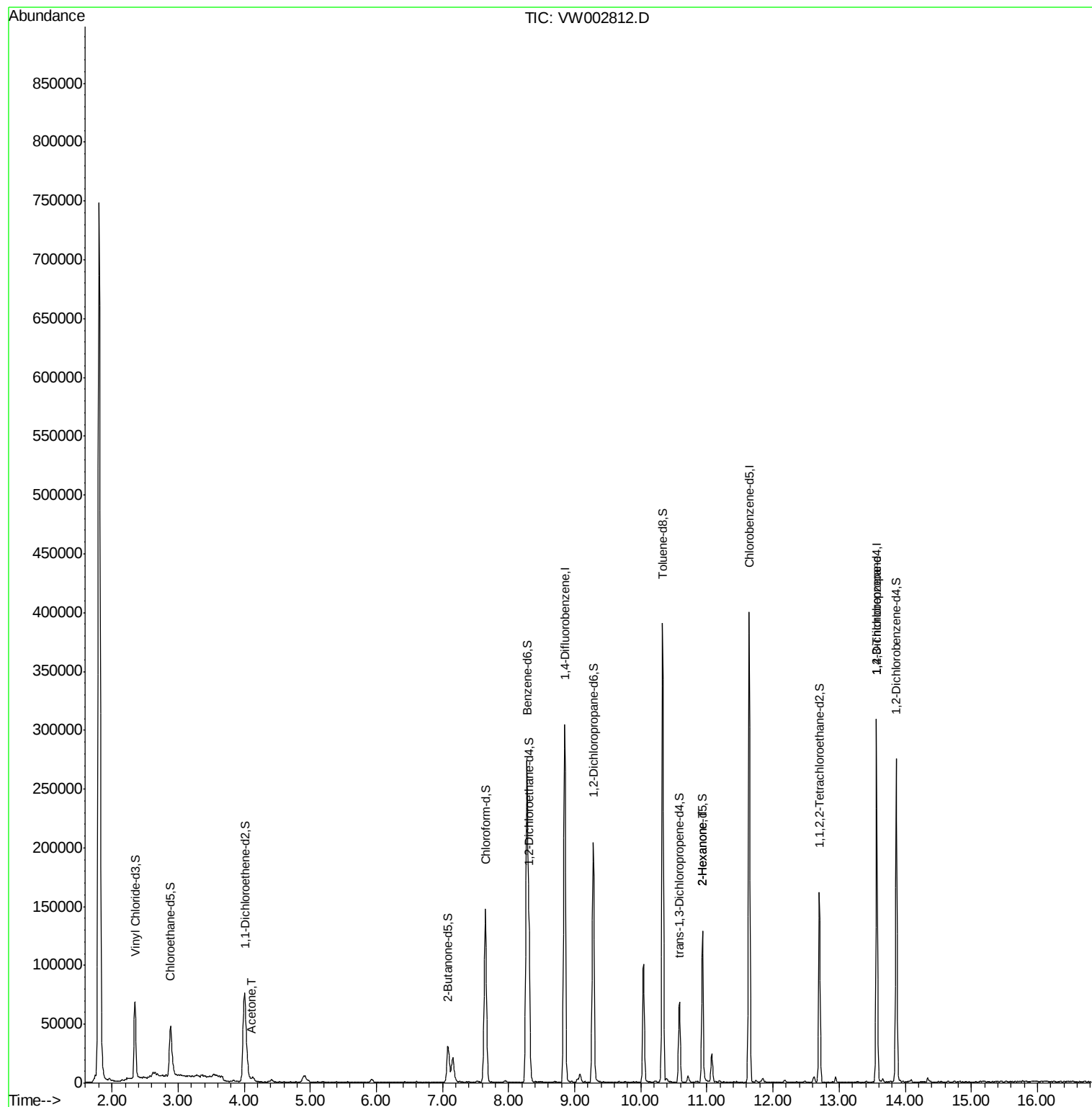
4) Vinyl Chloride-d3	2.35	65	75313	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
7) Chloroethane-d5	2.89	69	63207	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	4.01	63	96664	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	7.08	46	49468	38.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.34%
24) Chloroform-d	7.65	84	145741	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	8.31	65	89012	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.28	84	274481	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.28	67	90902	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.24%
37) Toluene-d8	10.33	98	251510	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	10.59	79	35335	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	10.93	63	38192	40.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.88%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	74557	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	13.87	152	70860	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

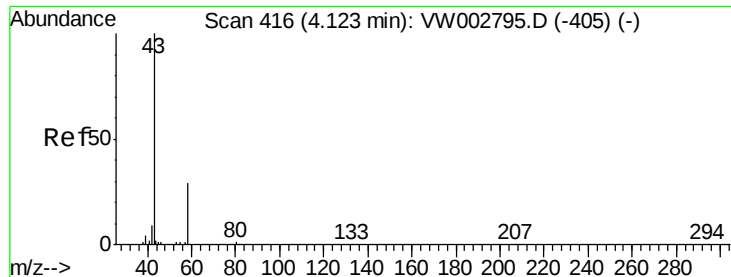
Target Compounds						Qvalue
13) Acetone	4.12	43	4073	3.55	ug/L	67
49) 2-Hexanone	10.93	43	5897	2.91	ug/L #	63
59) 1,2,3-Trichloropropane	13.57	75	9385	3.51	ug/L	89

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

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#13

Acetone

Concen: 3.55 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002812.D

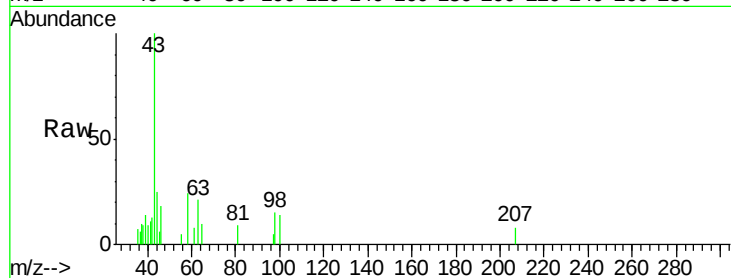
Acq: 23 May 2018 04:05

Tgt Ion: 43 Resp: 4073

Ion Ratio Lower Upper

43 100

58 12.1 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Time-->

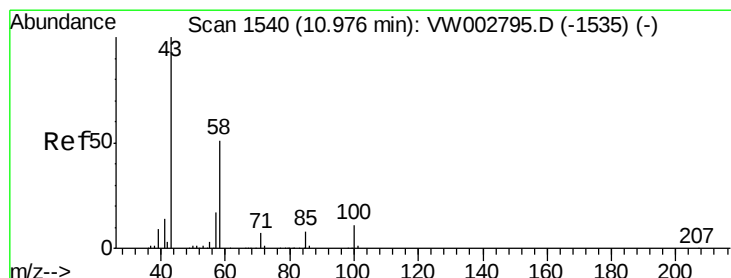
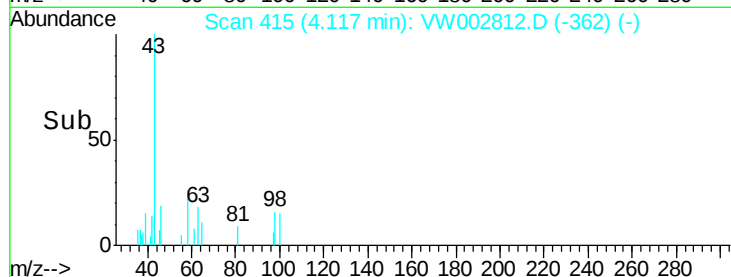
4.05 4.10 4.15 4.20

1500

1000

500

0



#49

2-Hexanone

Concen: 2.91 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW002812.D

Acq: 23 May 2018 04:05

Tgt Ion: 43 Resp: 5897

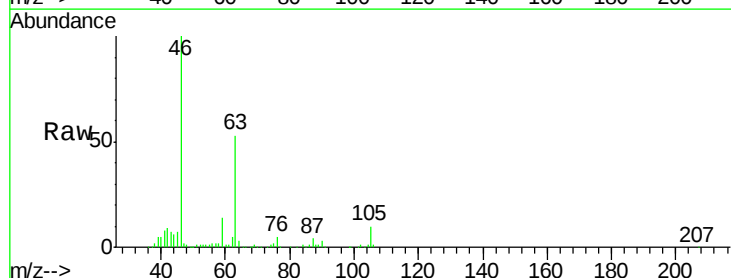
Ion Ratio Lower Upper

43 100

58 27.5 42.8 64.2#

57 0.0 15.9 23.9#

100 0.8 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

Time-->

10.85 10.90 10.95 11.00

5000

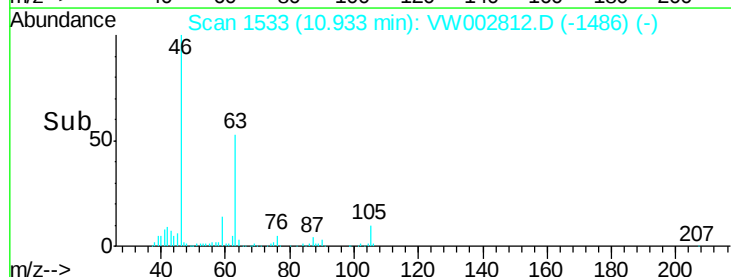
4000

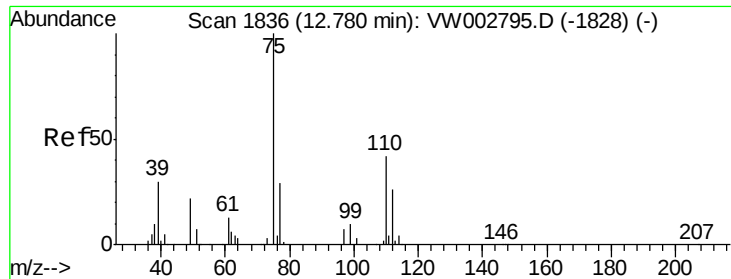
3000

2000

1000

0





#59

1,2,3-Trichloropropane

Concen: 3.51 ug/L

RT: 13.57 min Scan# 1966

Delta R.T. 0.79 min

Lab File: VW002812.D

Acq: 23 May 2018 04:05

Tgt Ion: 75 Resp: 9385

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

