

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002799.D
 Acq On : 22 May 2018 22:26
 Operator : JC/SY
 Sample : J2952-13
 Misc : 5.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:02 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	233717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	187469	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62082	25.00	ug/L	0.00

System Monitoring Compounds

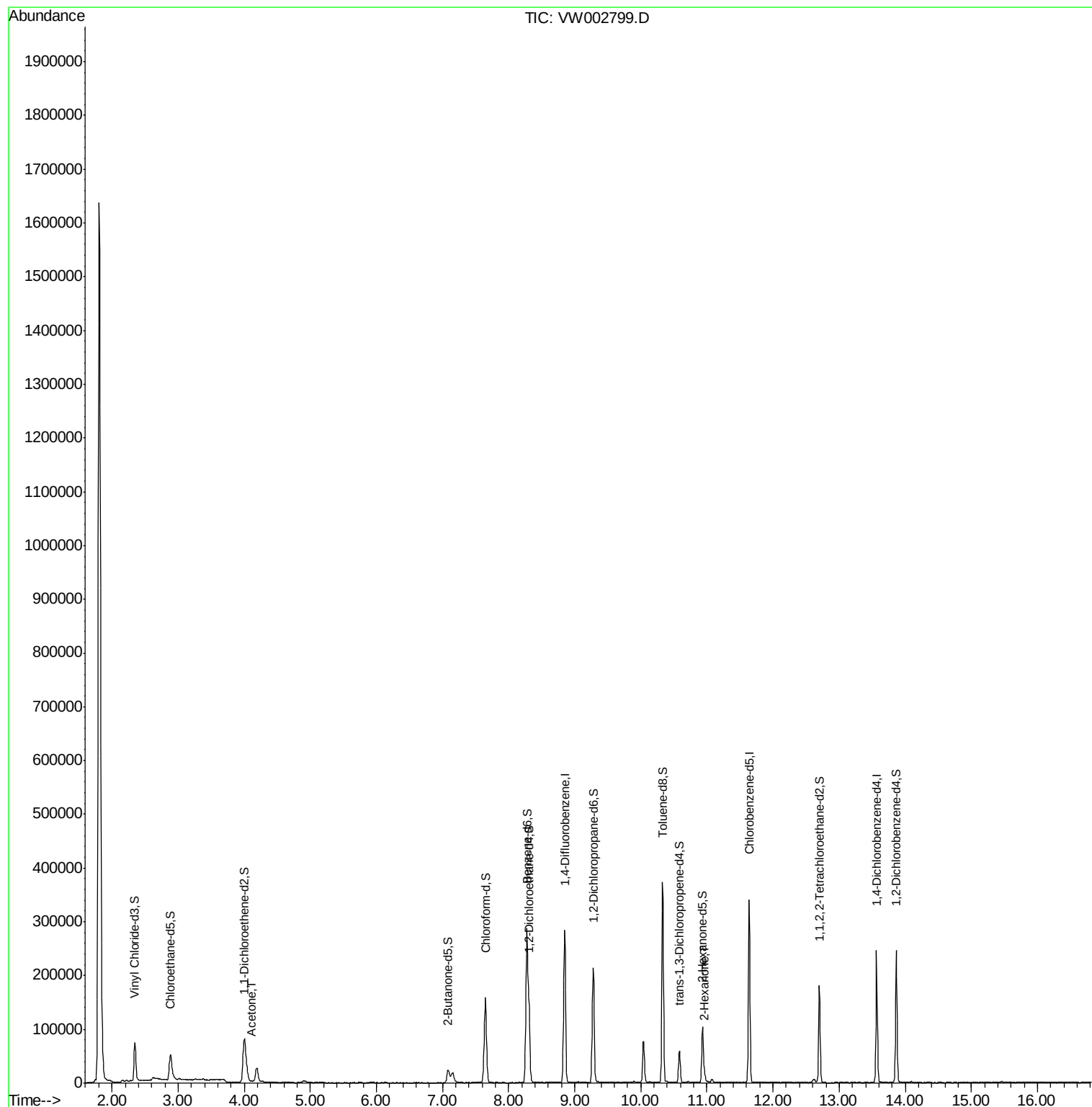
4) Vinyl Chloride-d3	2.34	65	84352	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.56%
7) Chloroethane-d5	2.89	69	73171	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.16%
10) 1,1-Dichloroethene-d2	4.00	63	104855	19.97	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.88%
20) 2-Butanone-d5	7.08	46	37839	30.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.90%
24) Chloroform-d	7.65	84	155832	27.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.24%
26) 1,2-Dichloroethane-d4	8.31	65	96245	28.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.80%
29) Benzene-d6	8.27	84	281968	31.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.52%
33) 1,2-Dichloropropane-d6	9.28	67	95619	33.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.76%#
37) Toluene-d8	10.33	98	245636	27.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.68%
38) trans-1,3-Dichloropropene-	10.59	79	30249	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.93	63	29671	36.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	82951	26.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.08%
61) 1,2-Dichlorobenzene-d4	13.87	152	65525	28.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.88%

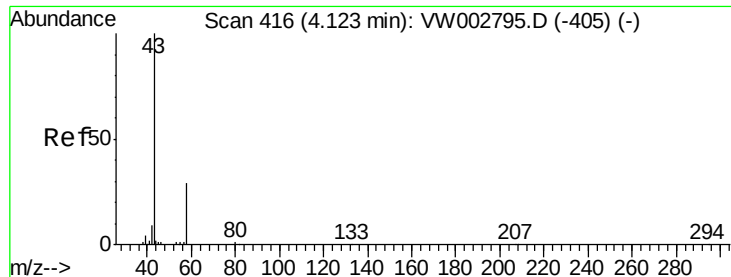
Target Compounds						Qvalue
13) Acetone	4.12	43	2175	2.01	ug/L	55
49) 2-Hexanone	10.96	43	14360	8.20	ug/L #	40

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

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#13

Acetone

Concen: 2.01 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002799.D

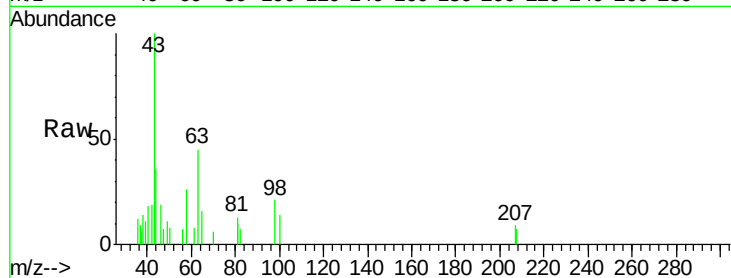
Acq: 22 May 2018 22:26

Tgt Ion: 43 Resp: 2175

Ion Ratio Lower Upper

43 100

58 5.3 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

800

600

400

200

0

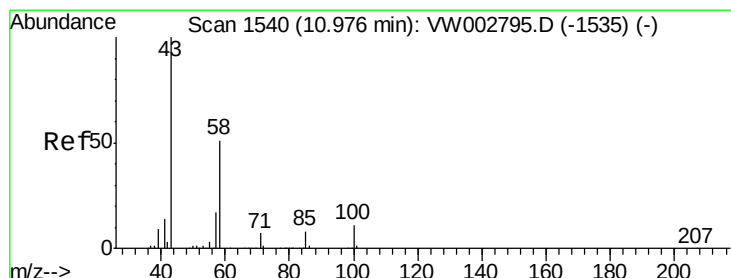
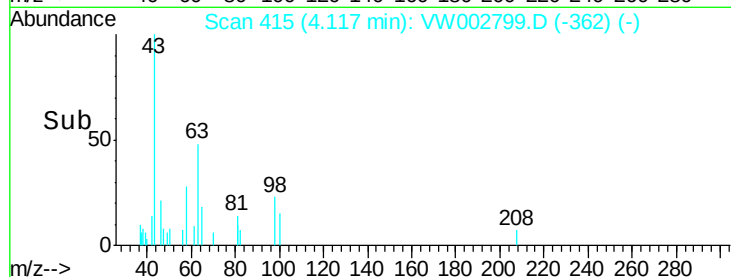
Time-->

4.05

4.10

4.15

4.20



#49

2-Hexanone

Concen: 8.20 ug/L

RT: 10.96 min Scan# 1538

Delta R.T. -0.01 min

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Acq: 22 May 2018 22:26

Tgt Ion: 43 Resp: 14360

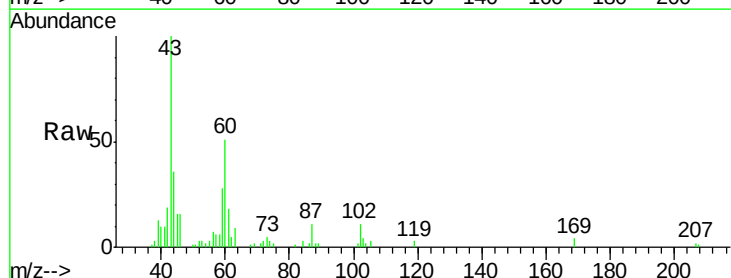
Ion Ratio Lower Upper

43 100

58 0.0 42.8 64.2#

57 2.0 15.9 23.9#

100 0.4 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

10.96

8000

6000

4000

2000

0

Time-->

10.90

11.00

