

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002848.D
 Acq On : 24 May 2018 15:46
 Operator : JC/SY
 Sample : J3059-02
 Misc : 5.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:57:29 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	252967	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	199078	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	55026	25.00	ug/L	0.00

System Monitoring Compounds

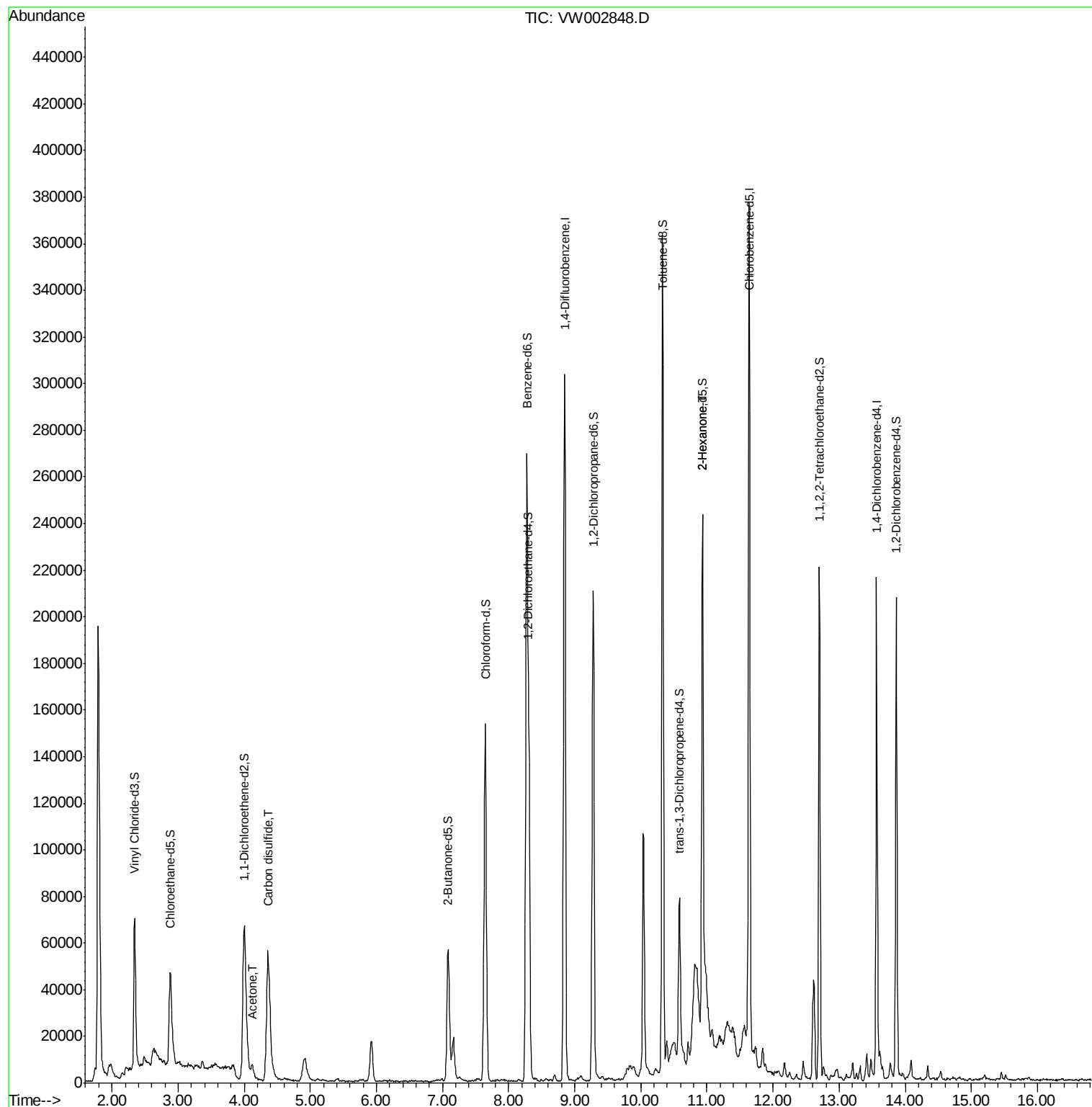
4) Vinyl Chloride-d3	2.34	65	75849	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	64940	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.00	63	88710	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.09	46	91558	69.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.36%#
24) Chloroform-d	7.65	84	151176	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.31	65	99127	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.28%
29) Benzene-d6	8.28	84	270905	28.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.44%
33) 1,2-Dichloropropane-d6	9.28	67	93993	30.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.88%#
37) Toluene-d8	10.33	98	230771	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.80%
38) trans-1,3-Dichloropropene-	10.59	79	34044	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.08%
39) 2-Hexanone-d5	10.93	63	62829	72.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.74%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	100799	30.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.24%#
61) 1,2-Dichlorobenzene-d4	13.87	152	54007	26.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.80%

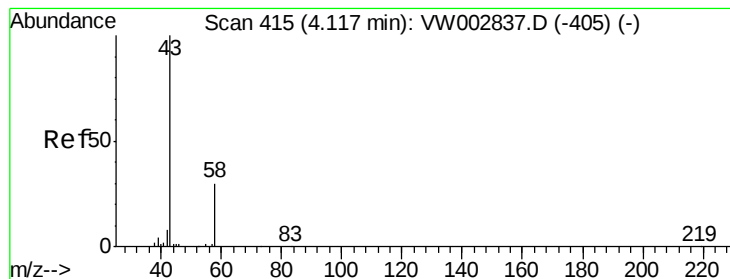
Target Compounds						Qvalue
13) Acetone	4.12	43	8312	7.10	ug/L	88
14) Carbon disulfide	4.37	76	154918	16.58	ug/L	99
49) 2-Hexanone	10.93	43	8262	4.44	ug/L	# 71

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

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#13

Acetone

Concen: 7.10 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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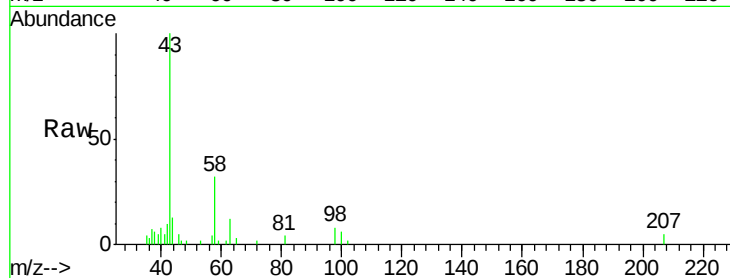
Acq: 24 May 2018 15:46

Tgt Ion: 43 Resp: 8312

Ion Ratio Lower Upper

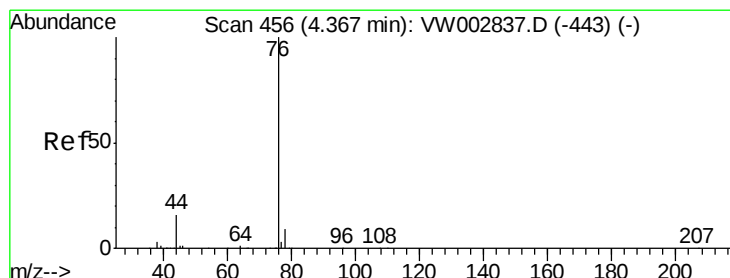
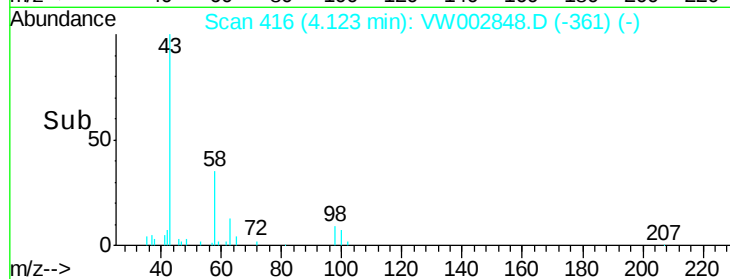
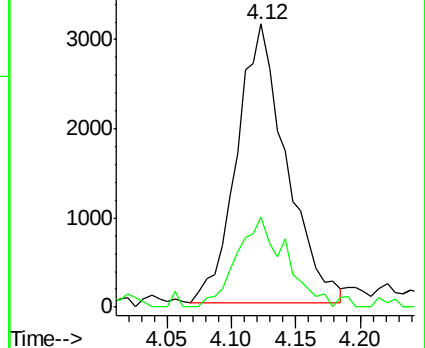
43 100

58 23.6 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 16.58 ug/L

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002848.D

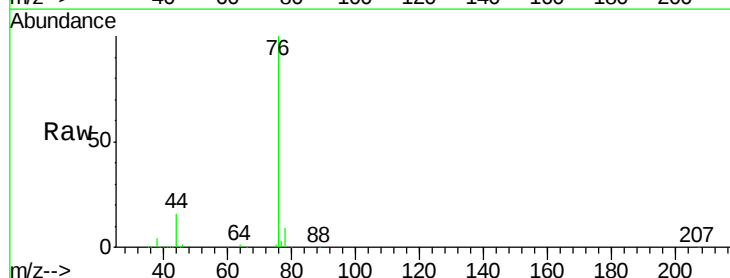
Acq: 24 May 2018 15:46

Tgt Ion: 76 Resp: 154918

Ion Ratio Lower Upper

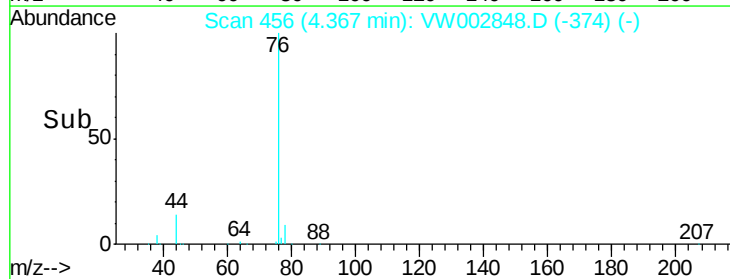
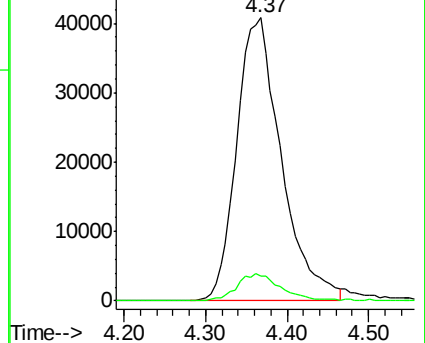
76 100

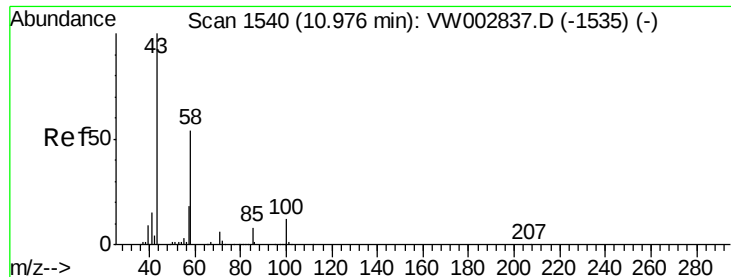
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

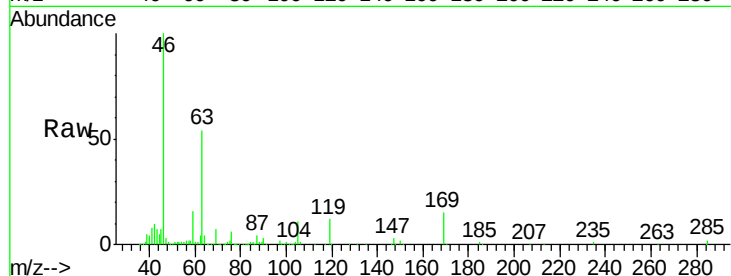
Ion 78.00 (77.70 to 78.70): VW





#49
 2-Hexanone
 Concen: 4.44 ug/L
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.04 min
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Tgt Ion:	43	Resp:	8262
Ion	Ratio	Lower	Upper
43	100		
58	30.5	42.8	64.2#
57	33.4	15.9	23.9#
100	17.1	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

