

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002842.D
 Acq On : 24 May 2018 13:09
 Operator : JC/SY
 Sample : J3042-10
 Misc : 5.13G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:56:26 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	198315	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	178695	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	65559	25.00	ug/L	0.00

System Monitoring Compounds

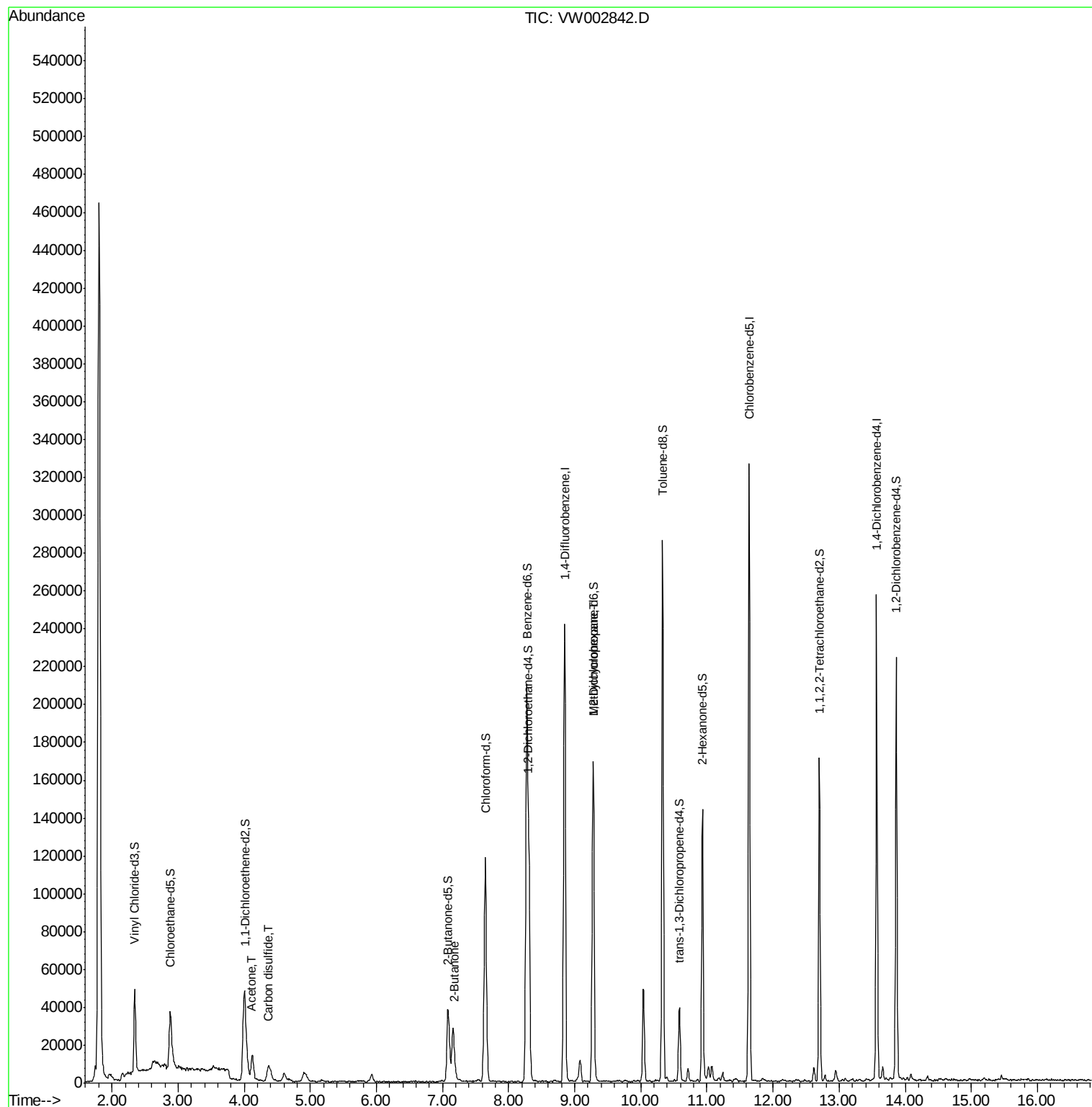
4) Vinyl Chloride-d3	2.34	65	46794	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.60%
7) Chloroethane-d5	2.88	69	44189	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.00	63	60575	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	63367	61.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.16%
24) Chloroform-d	7.65	84	116529	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.31	65	83998	29.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.04%
29) Benzene-d6	8.28	84	207496	24.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.68%
33) 1,2-Dichloropropane-d6	9.28	67	75987	27.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.68%
37) Toluene-d8	10.33	98	182268	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.59	79	19649	14.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.84%
39) 2-Hexanone-d5	10.93	63	44867	57.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	77990	25.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.64%
61) 1,2-Dichlorobenzene-d4	13.87	152	58364	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

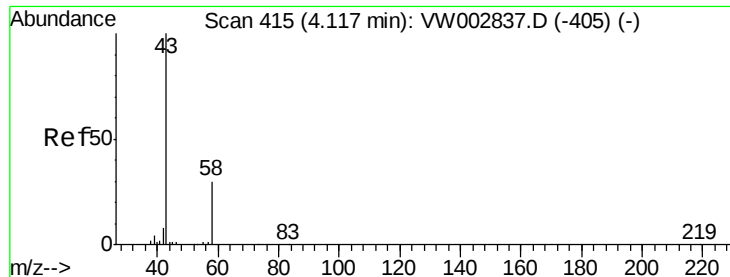
Target Compounds						Qvalue
13) Acetone	4.12	43	22169	24.16	ug/L	98
14) Carbon disulfide	4.36	76	20129	2.75	ug/L	99
21) 2-Butanone	7.18	43	6404	5.27	ug/L	80
36) Methylcyclohexane	9.27	83	18335	4.19	ug/L #	18

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

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#13

Acetone

Concen: 24.16 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW002842.D

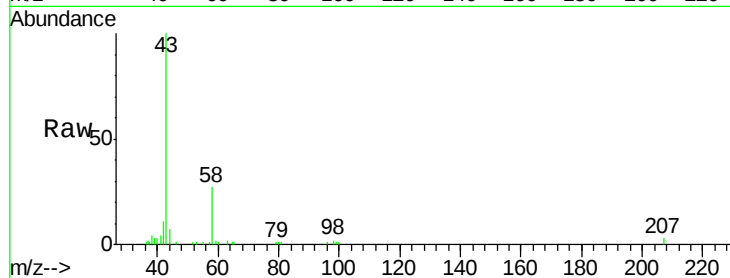
Acq: 24 May 2018 13:09

Tgt Ion: 43 Resp: 22169

Ion Ratio Lower Upper

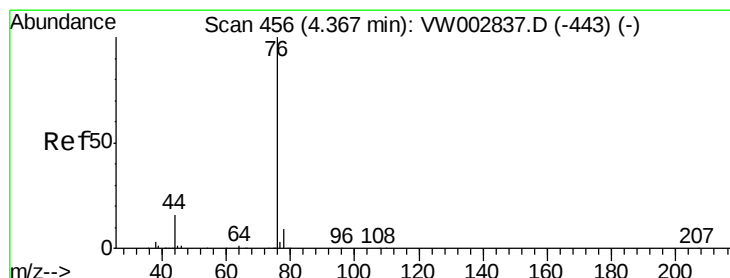
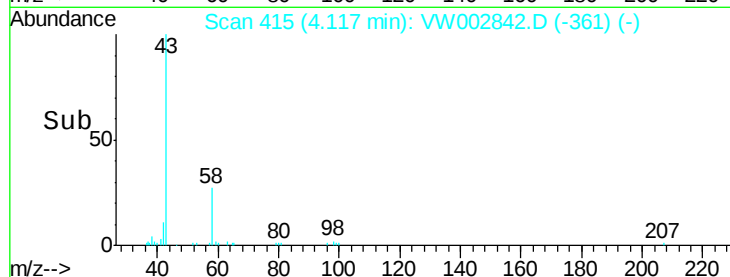
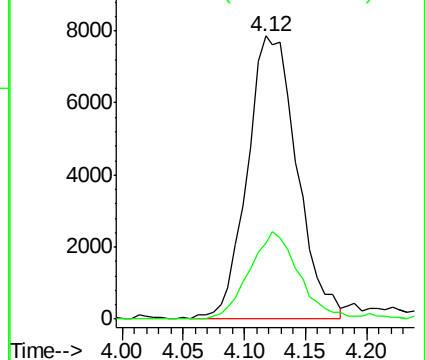
43 100

58 31.0 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: 2.75 ug/L

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW002842.D

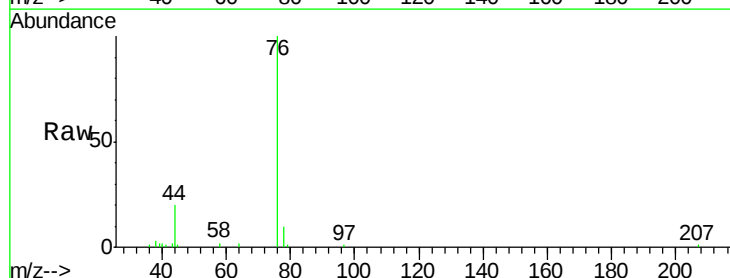
Acq: 24 May 2018 13:09

Tgt Ion: 76 Resp: 20129

Ion Ratio Lower Upper

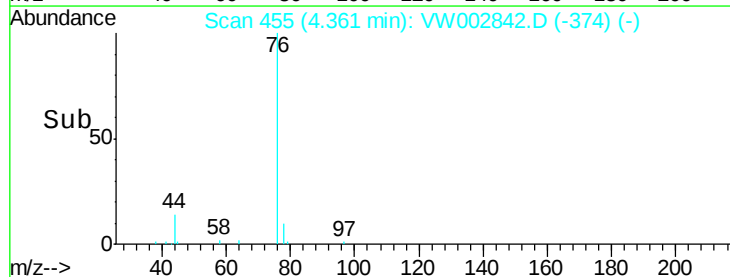
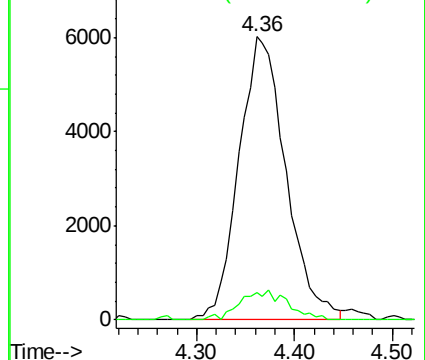
76 100

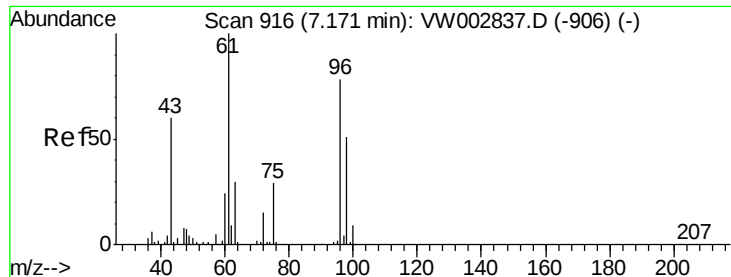
78 9.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

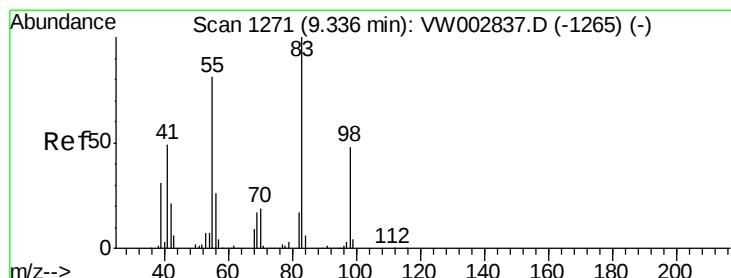
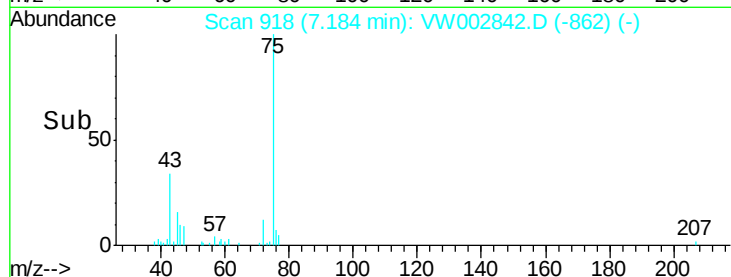
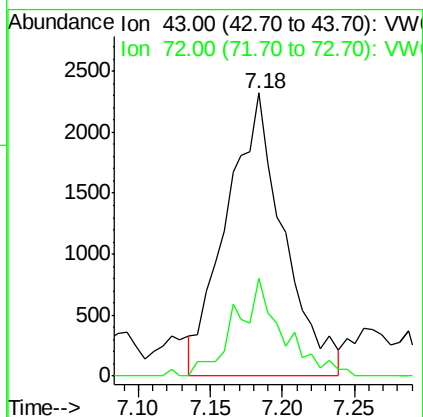
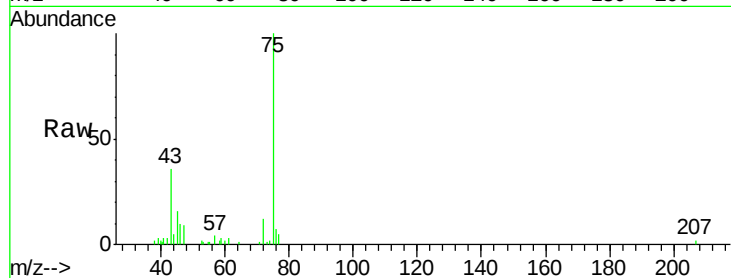
Ion 78.00 (77.70 to 78.70): VW





#21
2-Butanone
Concen: 5.27 ug/L
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002842.D
Acq: 24 May 2018 13:09

Tgt Ion: 43 Resp: 6404
Ion Ratio Lower Upper
43 100
72 17.1 13.7 41.1



#36
Methylcyclohexane
Concen: 4.19 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.06 min
Lab File: VW002842.D
Acq: 24 May 2018 13:09

Tgt Ion: 83 Resp: 18335
Ion Ratio Lower Upper
83 100
55 0.2 60.5 90.7#
98 0.0 38.3 57.5#

