

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002839.D
 Acq On : 24 May 2018 11:42
 Operator : JC/SY
 Sample : J3059-02
 Misc : 4.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:55:55 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	182279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	131504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	30233	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	53394	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	2.89	69	51757	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
10) 1,1-Dichloroethene-d2	4.00	63	37710	9.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.84%#
20) 2-Butanone-d5	7.08	46	62388	65.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.84%
24) Chloroform-d	7.65	84	132882	30.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.64%
26) 1,2-Dichloroethane-d4	8.31	65	85682	32.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.88%
29) Benzene-d6	8.28	84	226023	36.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.56%#
33) 1,2-Dichloropropane-d6	9.27	67	85004	42.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	168.24%#
37) Toluene-d8	10.33	98	176038	28.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.08%
38) trans-1,3-Dichloropropene-	10.59	79	20649	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.44%
39) 2-Hexanone-d5	10.93	63	37943	66.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	77905	35.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.68%#
61) 1,2-Dichlorobenzene-d4	13.87	152	35977	32.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.52%#

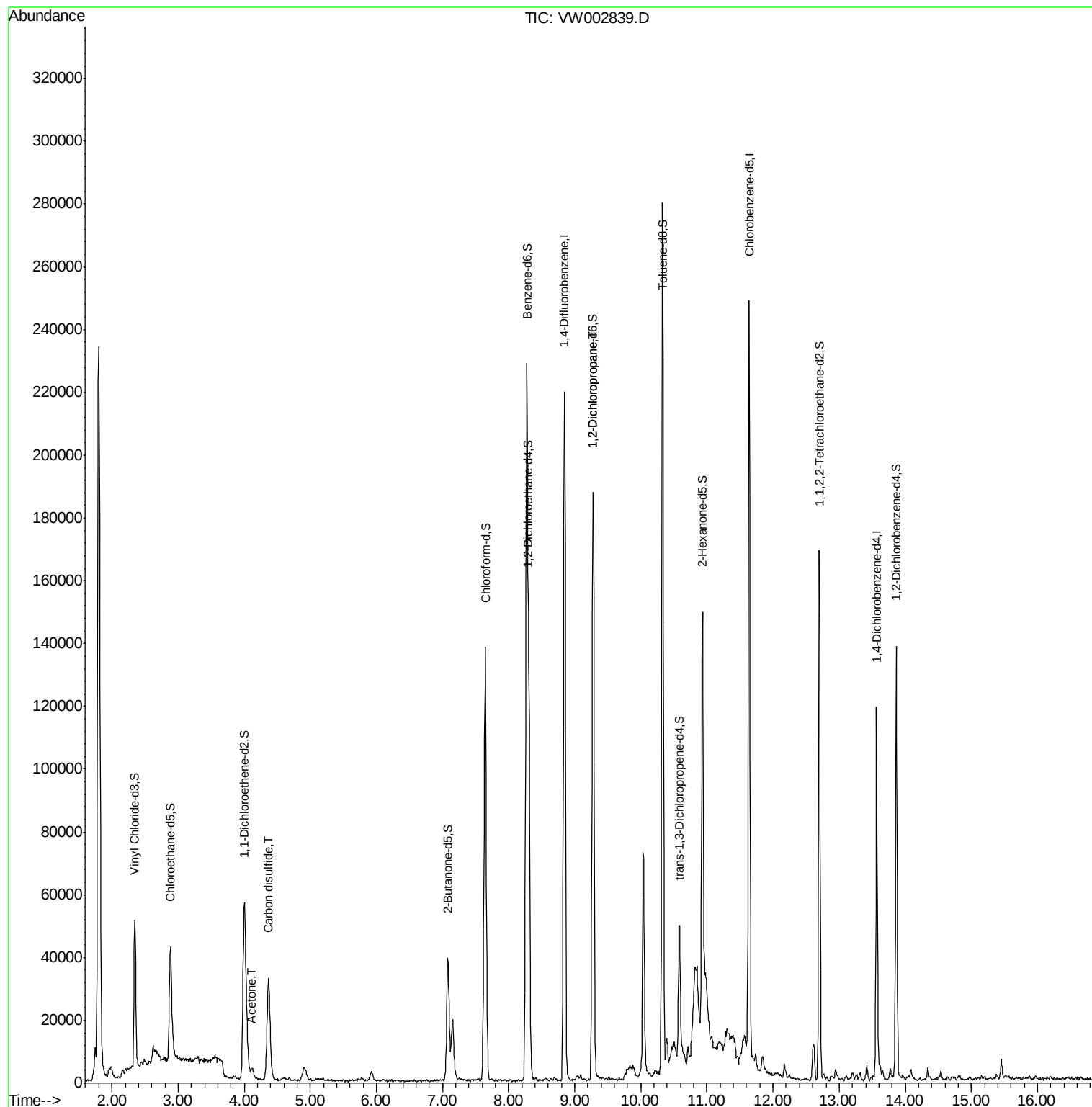
Target Compounds

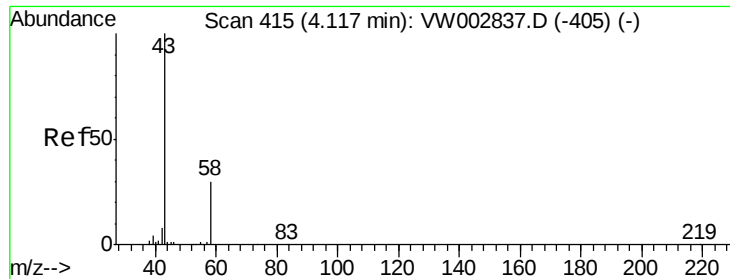
						Qvalue
13) Acetone	4.12	43	4588	5.44	ug/L	92
14) Carbon disulfide	4.36	76	77074	11.45	ug/L	98
40) 1,2-Dichloropropane	9.27	63	10195	5.51	ug/L #	89

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

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#13

Acetone

Concen: 5.44 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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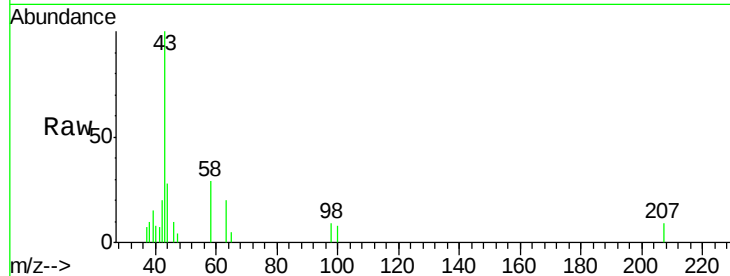
Acq: 24 May 2018 11:42

Tgt Ion: 43 Resp: 4588

Ion Ratio Lower Upper

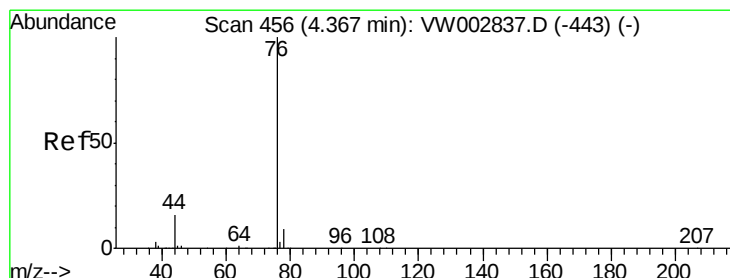
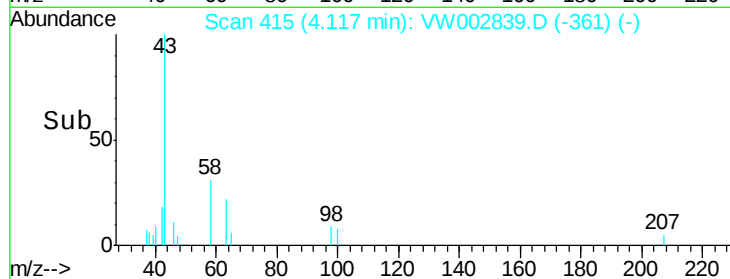
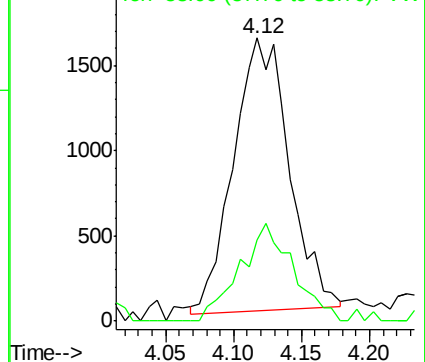
43 100

58 34.2 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: 11.45 ug/L

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

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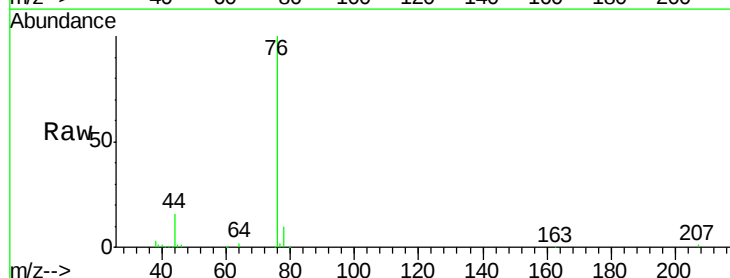
Acq: 24 May 2018 11:42

Tgt Ion: 76 Resp: 77074

Ion Ratio Lower Upper

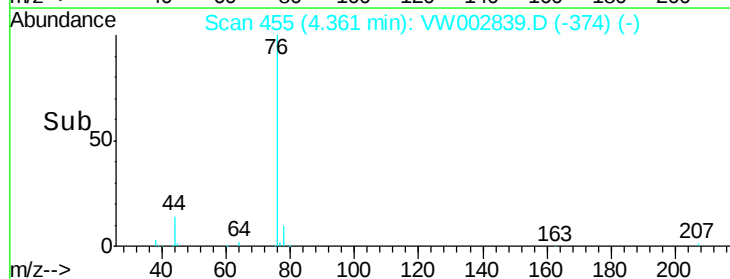
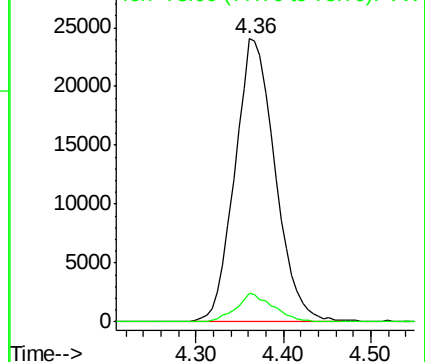
76 100

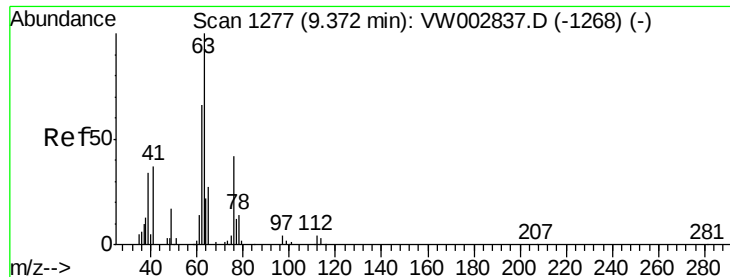
78 10.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#40

1,2-Dichloropropane

Concen: 5.51 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW002839.D

Acq: 24 May 2018 11:42

Tgt Ion: 63 Resp: 10195

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.0#

