

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
 Data File : VW002849.D
 Acq On : 24 May 2018 16:13
 Operator : JC/SY
 Sample : J3059-05
 Misc : 4.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:57:41 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	255017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	217185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	76970	25.00	ug/L	0.00

System Monitoring Compounds

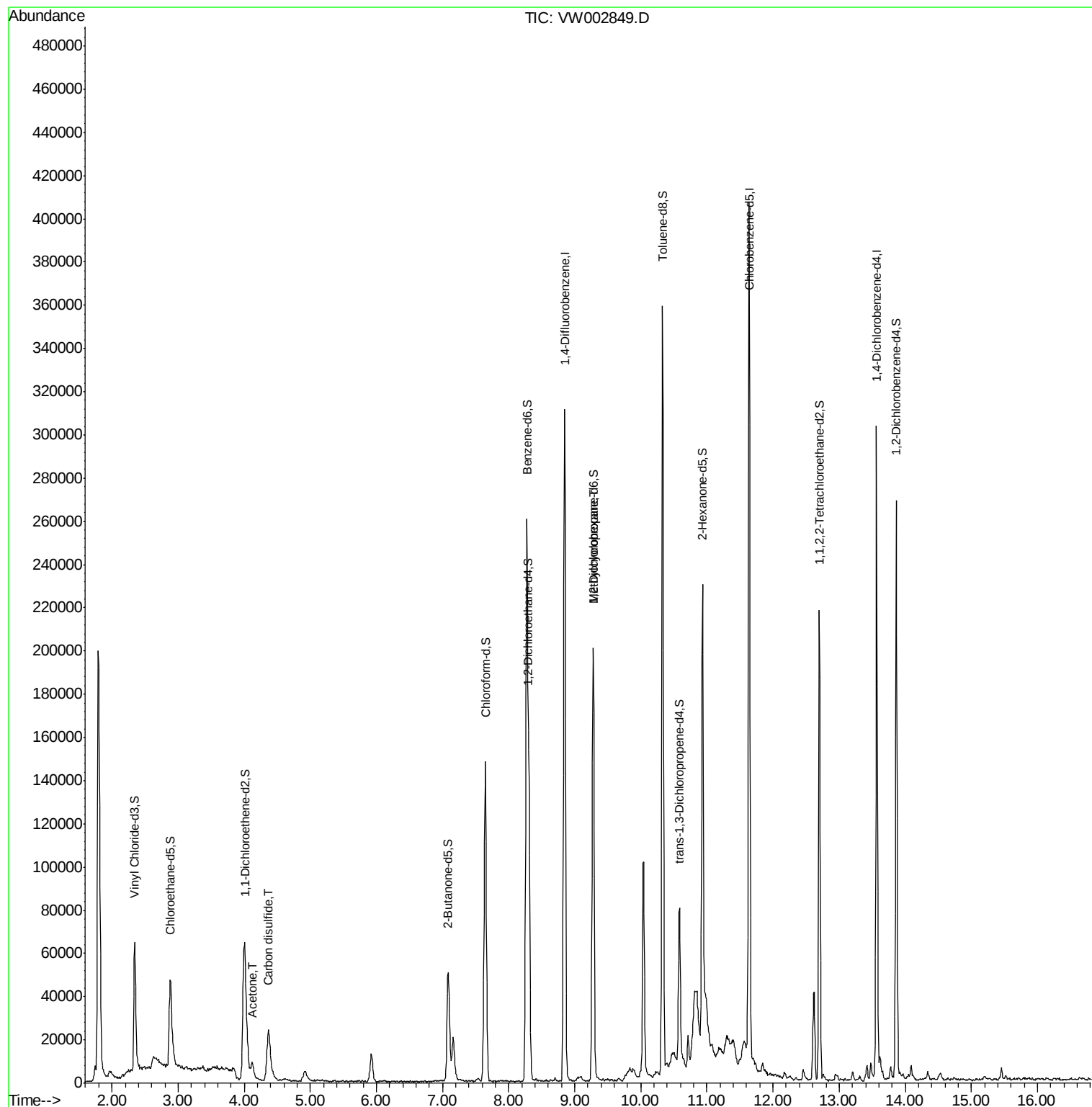
4) Vinyl Chloride-d3	2.34	65	75030	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
7) Chloroethane-d5	2.88	69	64462	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
10) 1,1-Dichloroethene-d2	4.01	63	88138	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.09	46	81884	61.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.76%
24) Chloroform-d	7.65	84	146372	23.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	8.31	65	94599	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.52%
29) Benzene-d6	8.27	84	262366	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.28	67	90747	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.76%
37) Toluene-d8	10.33	98	228224	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.56%
38) trans-1,3-Dichloropropene-	10.58	79	35710	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	59403	62.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.44%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	101435	27.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.92%
61) 1,2-Dichlorobenzene-d4	13.87	152	68273	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

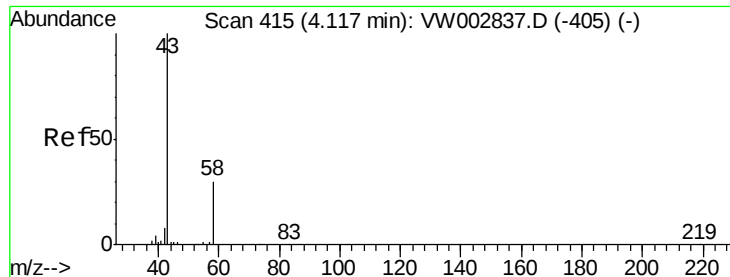
Target Compounds						Qvalue
13) Acetone	4.12	43	10690	9.06	ug/L	99
14) Carbon disulfide	4.37	76	66076	7.01	ug/L	100
36) Methylcyclohexane	9.28	83	21143	3.97	ug/L #	19

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

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#13

Acetone

Concen: 9.06 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002849.D

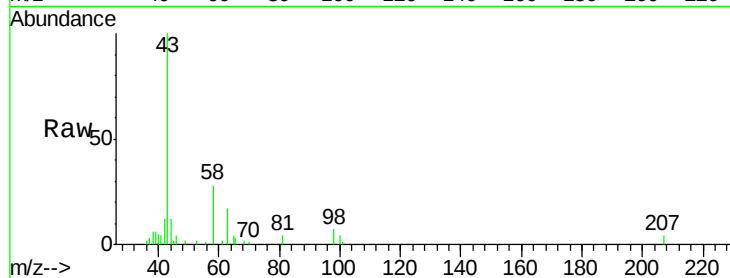
Acq: 24 May 2018 16:13

Tgt Ion: 43 Resp: 10690

Ion Ratio Lower Upper

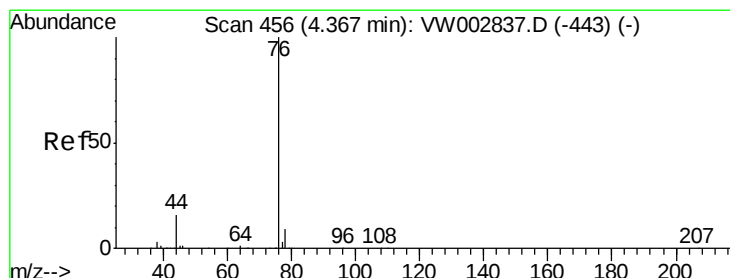
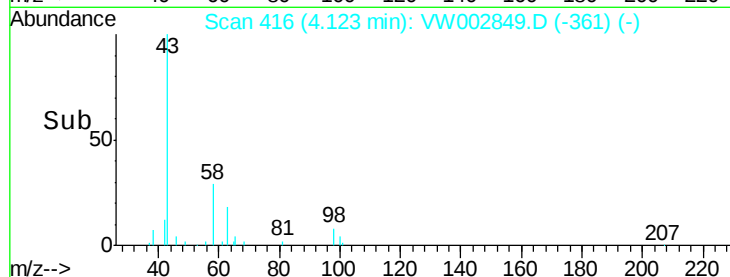
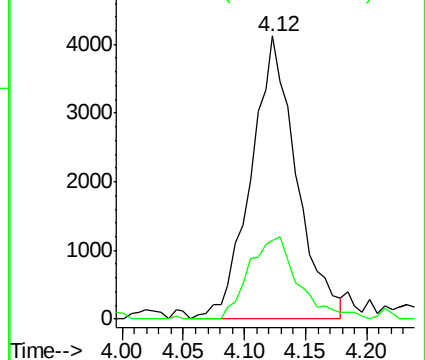
43 100

58 29.3 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: 7.01 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002849.D

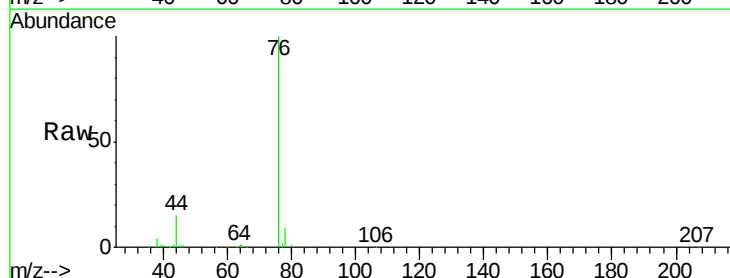
Acq: 24 May 2018 16:13

Tgt Ion: 76 Resp: 66076

Ion Ratio Lower Upper

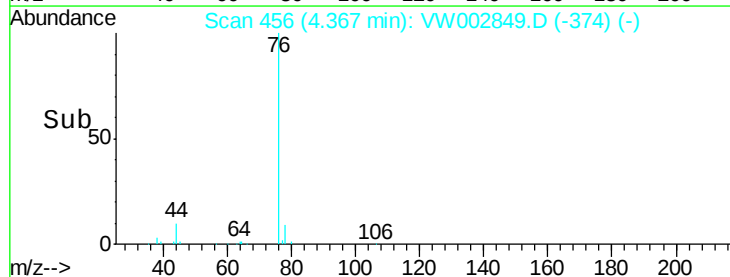
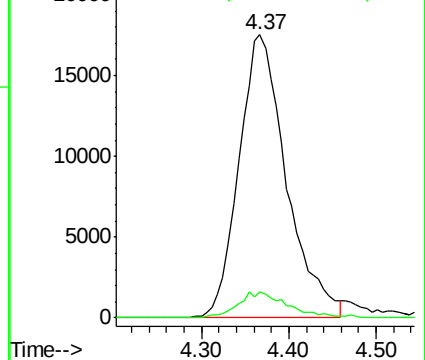
76 100

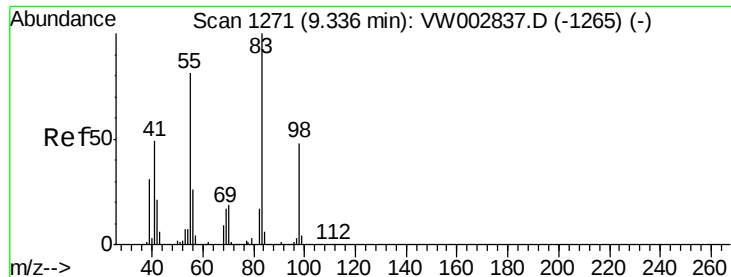
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#36

Methylcyclohexane

Concen: 3.97 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW002849.D

Acq: 24 May 2018 16:13

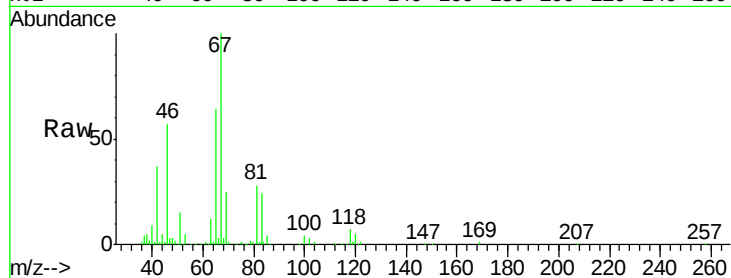
Tgt Ion: 83 Resp: 21143

Ion Ratio Lower Upper

83 100

55 0.4 60.5 90.7#

98 0.9 38.3 57.5#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

