

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005764.D
 Acq On : 02 Oct 2018 04:57
 Operator : SY/AP
 Sample : J5181-11
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC40

Quant Time: Oct 02 08:13:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	234376	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	59657	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	42984	14.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.56%
7) Chloroethane-d5	2.90	69	37546	16.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.44%
10) 1,1-Dichloroethene-d2	4.01	63	73768	11.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.24%
20) 2-Butanone-d5	7.09	46	13178	13.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.48%
24) Chloroform-d	7.65	84	132688	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	84346	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.28	84	224570	23.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.08%
33) 1,2-Dichloropropane-d6	9.28	67	77409	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.00%
37) Toluene-d8	10.33	98	181646	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.24%
38) trans-1,3-Dichloropropene-	10.58	79	25111	17.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.56%
39) 2-Hexanone-d5	10.93	63	8676	13.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62595	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	44537	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

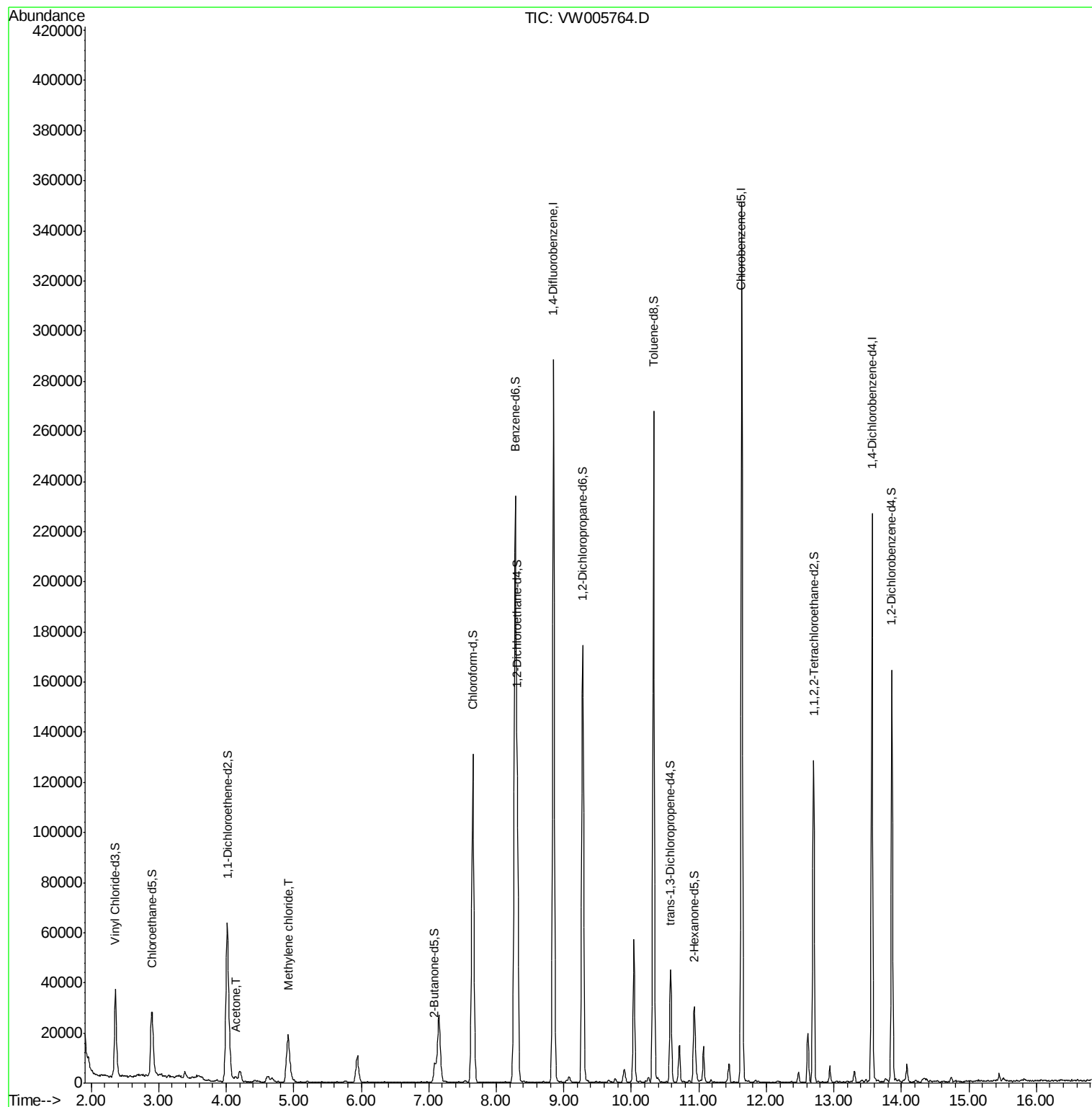
Target Compounds				Ovalue
13) Acetone	4.14	43	2470	2.473 ug/L 94
16) Methylene chloride	4.92	84	15063	3.898 ug/L 93

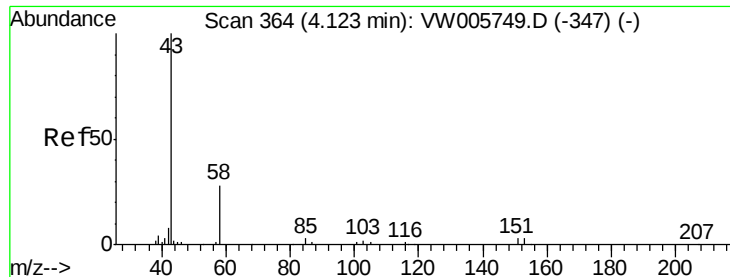
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.473 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 02 Oct 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

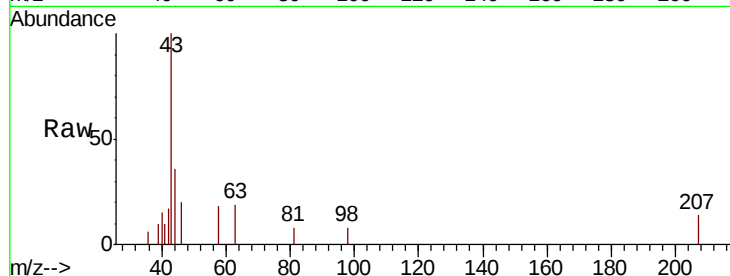
JLC40

Tot Ion: 43 Resp: 2470

Ion Ratio Lower Upper

43 100

58 13.2 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

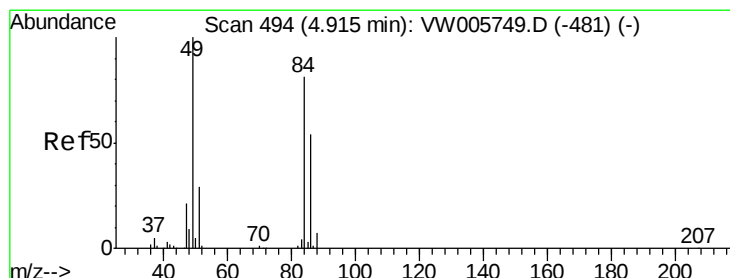
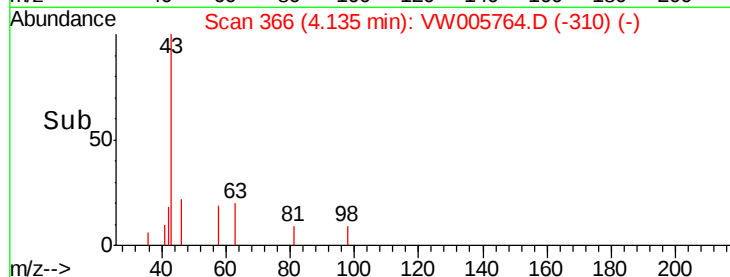
600

400

200

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 3.898 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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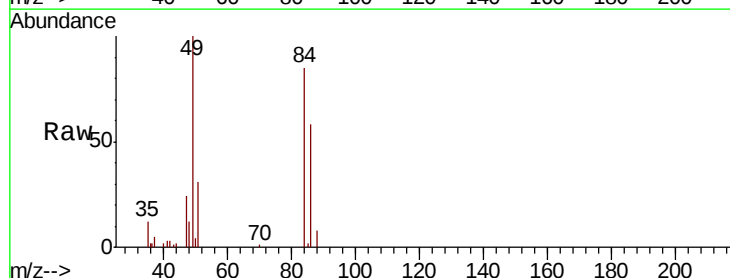
Tgt Ion: 84 Resp: 15063

Ion Ratio Lower Upper

84 100

49 118.3 87.2 162.0

86 68.5 43.2 80.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

6000

4000

2000

0

Time--> 4.80 4.85 4.90 4.95 5.00

