

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
 Data File : VW004297.D
 Acq On : 28 Jul 2018 03:33
 Operator : SY/AP
 Sample : J4204-13
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K0

Quant Time: Jul 28 04:08:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	160406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	125015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	40032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89702	55.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	222.16%#
7) Chloroethane-d5	2.89	69	66098	56.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	225.12%#
10) 1,1-Dichloroethene-d2	4.00	63	83993	21.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.16%
20) 2-Butanone-d5	7.08	46	33703	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
24) Chloroform-d	7.65	84	124619	30.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.36%
26) 1,2-Dichloroethane-d4	8.31	65	78087	31.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.44%
29) Benzene-d6	8.27	84	223770	33.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.08%#
33) 1,2-Dichloropropane-d6	9.28	67	69905	31.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.88%#
37) Toluene-d8	10.33	98	200209	31.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.88%
38) trans-1,3-Dichloropropene-	10.58	79	28586	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.32%
39) 2-Hexanone-d5	10.93	63	28808	49.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	58481	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	42622	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.92%

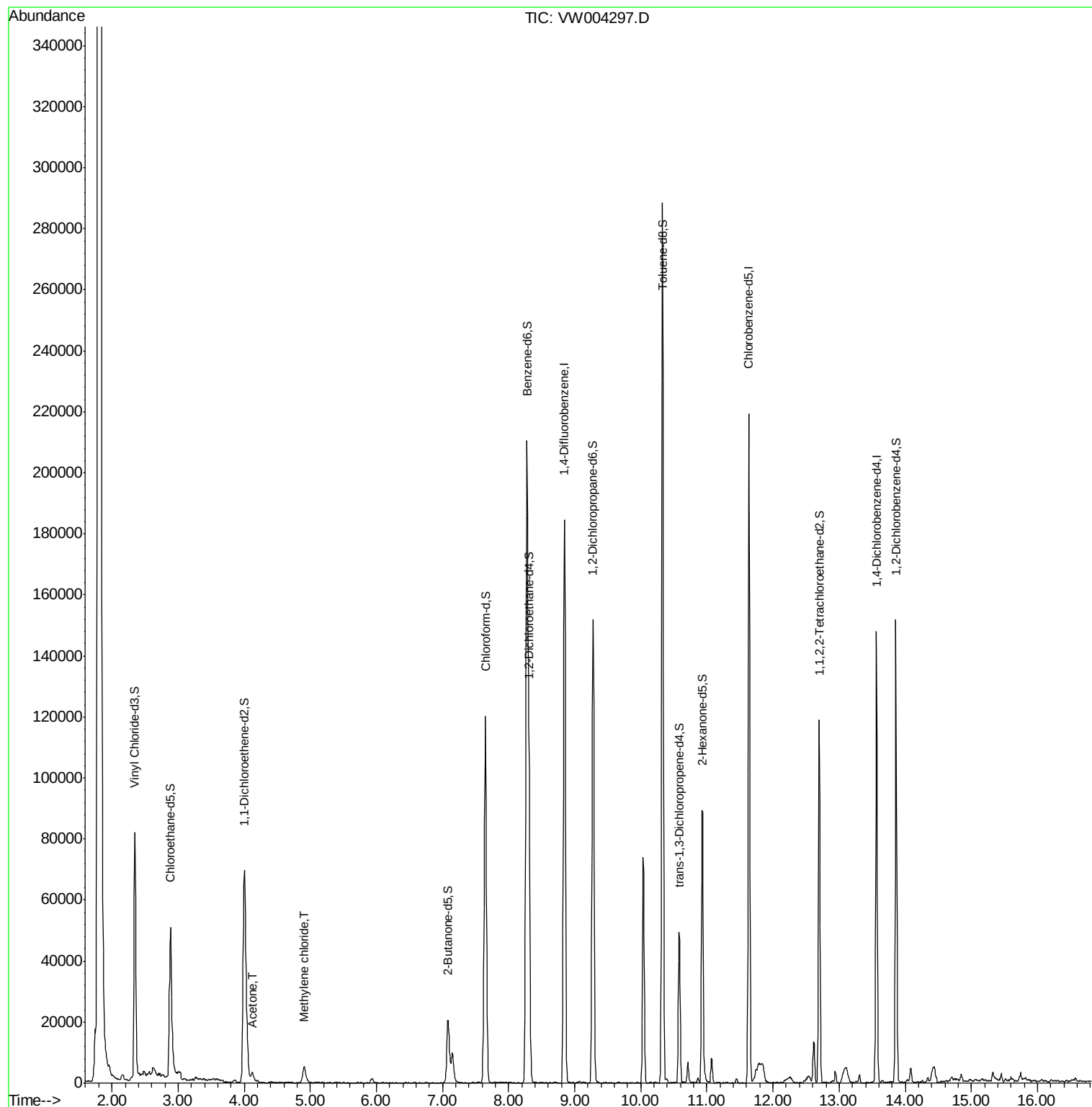
Target Compounds					Qvalue
13) Acetone	4.12	43	4452	4.823 ug/L	99
16) Methylene chloride	4.91	84	5022	2.233 ug/L	82

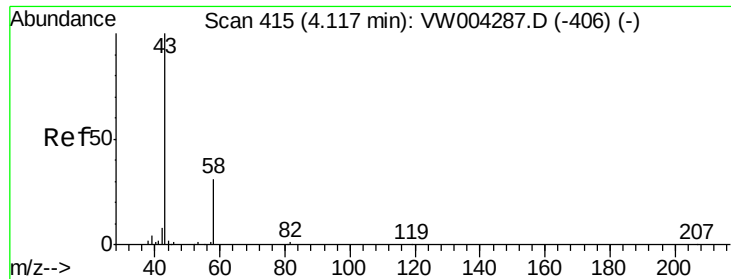
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.823 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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ClientSampleId :

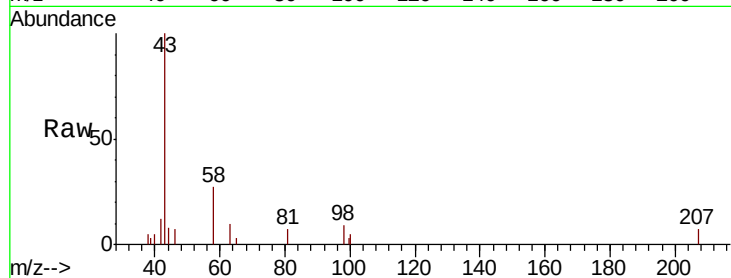
JJ1K0

Tgt Ion: 43 Resp: 4452

Ion Ratio Lower Upper

43 100

58 29.5 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

1000

500

0

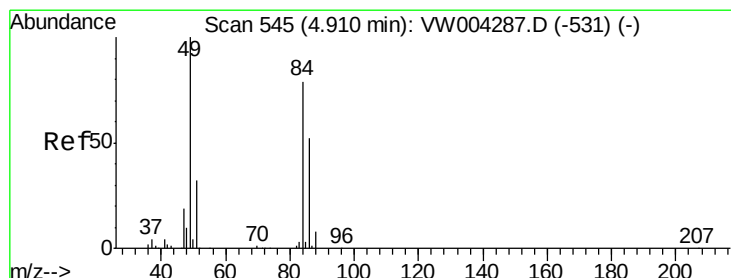
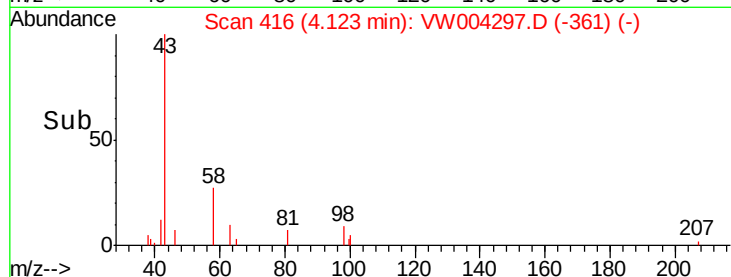
Time-->

4.05

4.10

4.15

4.20



#16

Methylene chloride

Concen: 2.233 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

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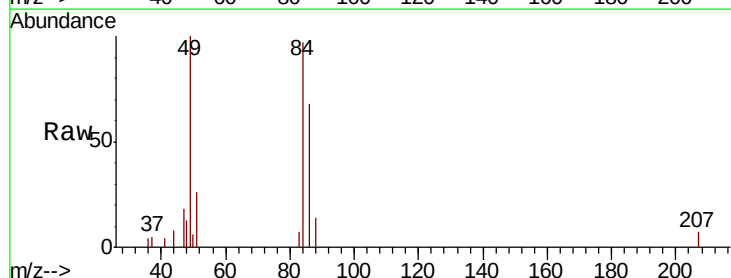
Tgt Ion: 84 Resp: 5022

Ion Ratio Lower Upper

84 100

49 103.5 90.9 168.7

86 69.9 44.4 82.5



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

4.91

1500

1000

500

0

Time-->

4.80

4.90

5.00

