

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014885.D
 Acq On : 06 Feb 2020 00:36
 Operator : SY/VA
 Sample : L1324-06
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT63

Quant Time: Feb 06 04:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294743	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84536	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	2.89	69	92350	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.40%
10) 1,1-Dichloroethene-d2	4.01	63	139981	16.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.08	46	80328	62.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.82%
24) Chloroform-d	7.65	84	231247	29.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.56%
26) 1,2-Dichloroethane-d4	8.31	65	146900	34.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.08%#
29) Benzene-d6	8.27	84	435402	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.27	67	163081	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.60%
37) Toluene-d8	10.32	98	350997	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.16%
38) trans-1,3-Dichloropropene-	10.57	79	54236	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.92	63	49967	44.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130235	28.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	124841	29.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.36%

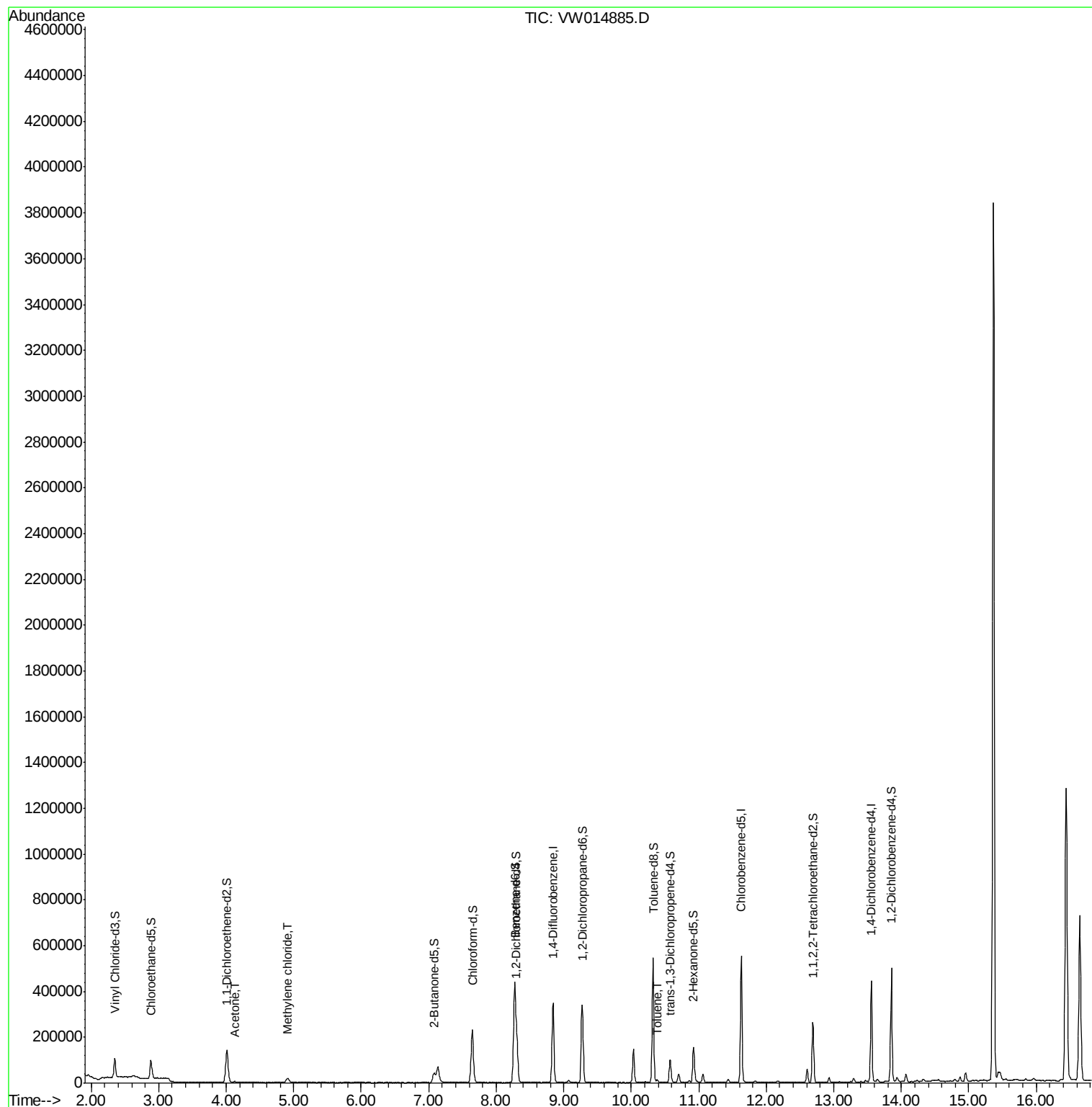
Target Compounds					Ovalue
13) Acetone	4.12	43	8206	6.226 ug/L	69
16) Methylene chloride	4.90	84	13482	2.693 ug/L	91
44) Toluene	10.38	91	7553	0.367 ug/L	91

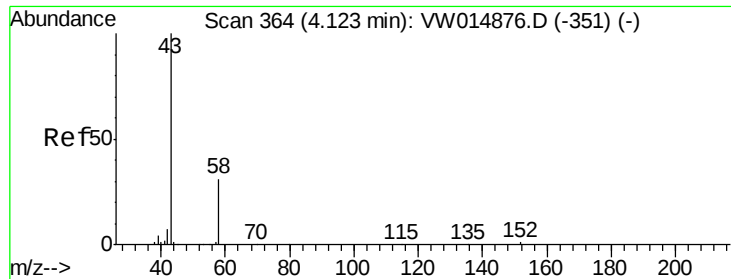
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

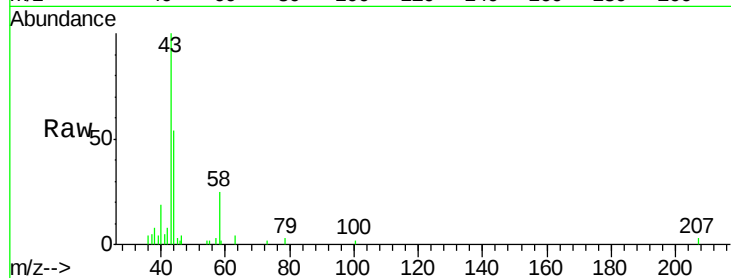
GAT63

Tot Ion: 43 Resp: 8206

Ion Ratio Lower Upper

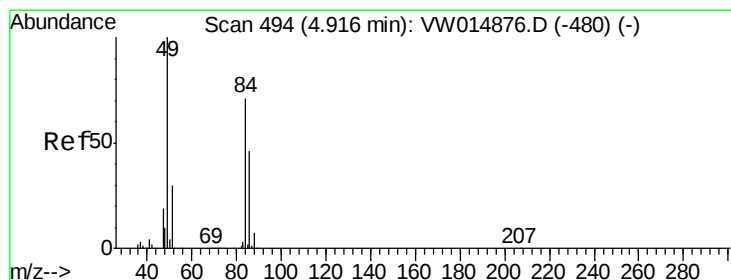
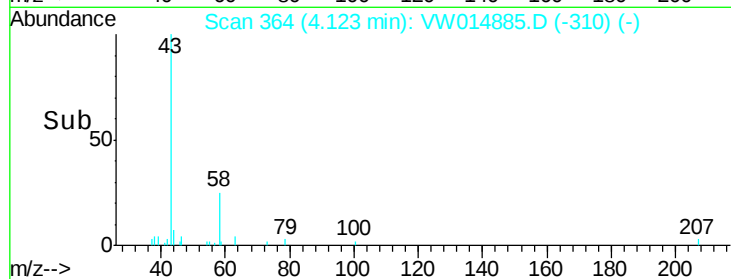
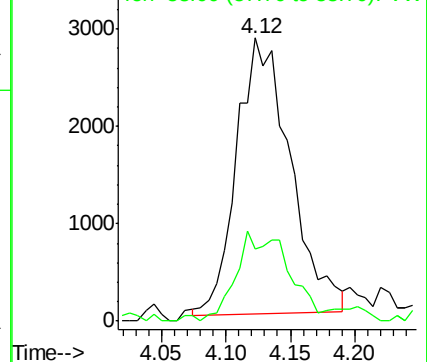
43 100

58 13.3 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.693 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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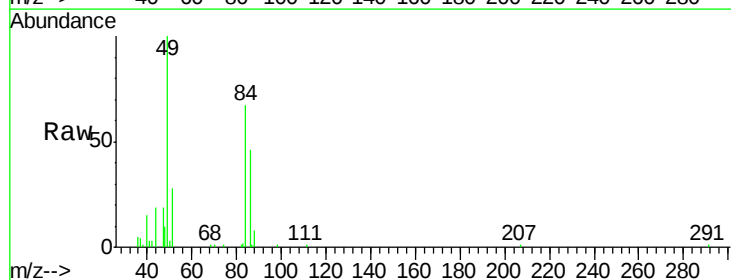
Tgt Ion: 84 Resp: 13482

Ion Ratio Lower Upper

84 100

49 148.5 95.8 177.8

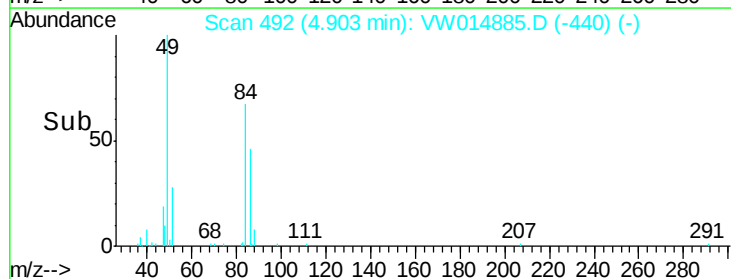
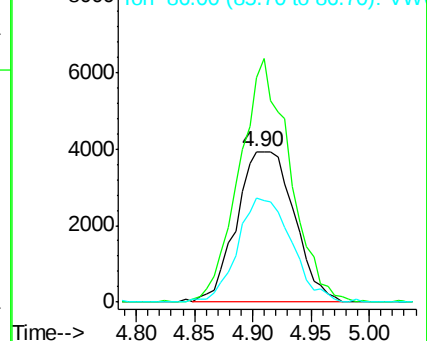
86 68.8 44.2 82.2

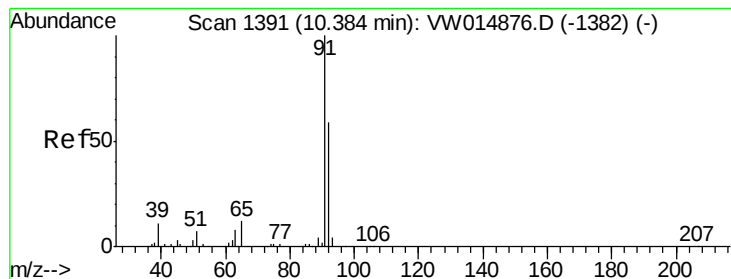


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.367 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Tot Ion: 91 Resp: 7553

Ion Ratio Lower Upper

91 100

92 65.6 41.4 77.0

