

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009958.D
 Acq On : 12 Apr 2019 15:00
 Operator : SY/VA
 Sample : K2278-17
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Y9

Quant Time: Apr 13 00:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526376	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107576	15.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.48%
7) Chloroethane-d5	2.89	69	102759	16.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.12%
10) 1,1-Dichloroethene-d2	4.01	63	206768	13.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.84%
20) 2-Butanone-d5	7.08	46	98890	44.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.44%
24) Chloroform-d	7.65	84	332851	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.30	65	199096	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.32%
29) Benzene-d6	8.27	84	584537	21.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.00%
33) 1,2-Dichloropropane-d6	9.27	67	194218	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.56%
37) Toluene-d8	10.32	98	504198	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.16%
38) trans-1,3-Dichloropropene-	10.58	79	75766	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	66711	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161122	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	188036	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

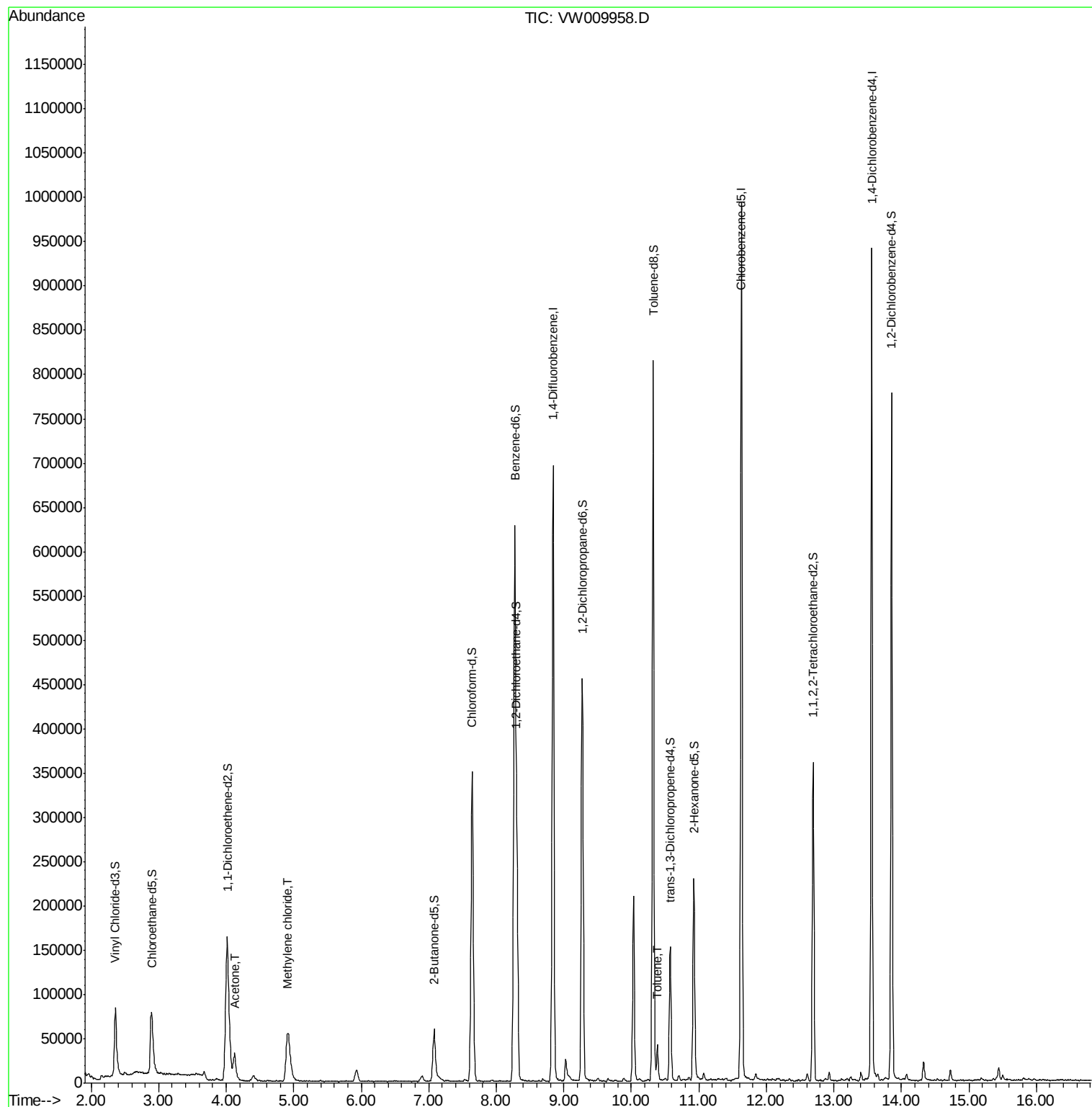
					Ovalue
13) Acetone	4.12	43	48809	20.369 ug/L	98
16) Methylene chloride	4.91	84	53323	5.744 ug/L	94
44) Toluene	10.39	91	26885	0.824 ug/L	94

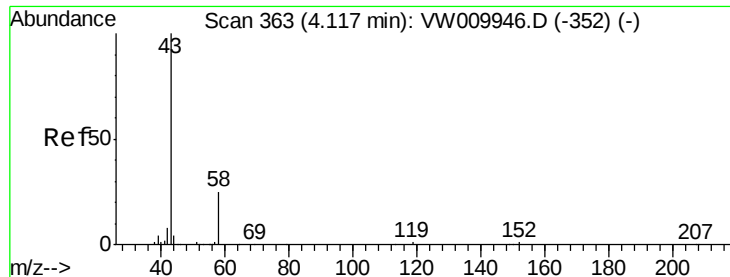
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.369 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009958.D

Acq: 12 Apr 2019 15:00

Instrument :

MSVOA_W

ClientSampled :

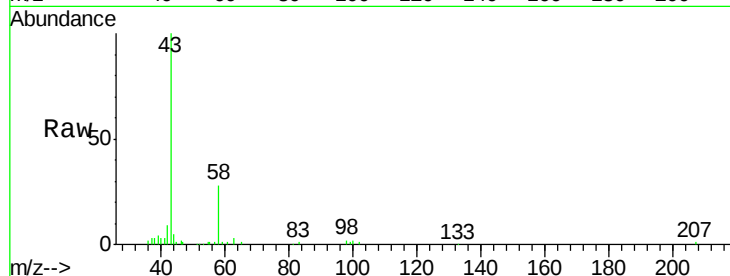
DB6Y9

Tot Ion: 43 Resp: 48809

Ion Ratio Lower Upper

43 100

58 25.6 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

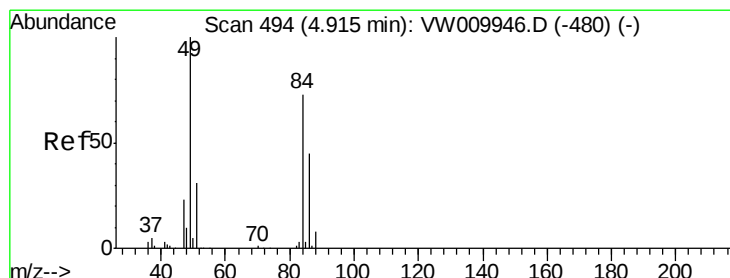
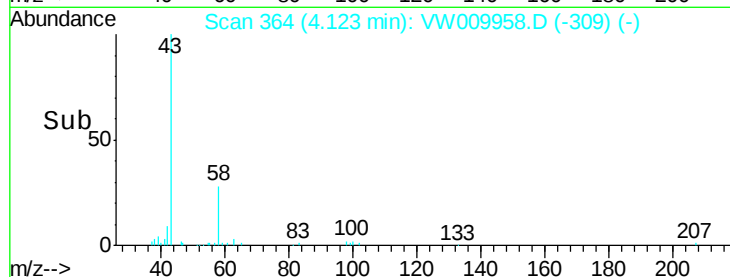
10000

5000

0

Time-->

4.00 4.10 4.20



#16

Methylene chloride

Concen: 5.744 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009958.D

Acq: 12 Apr 2019 15:00

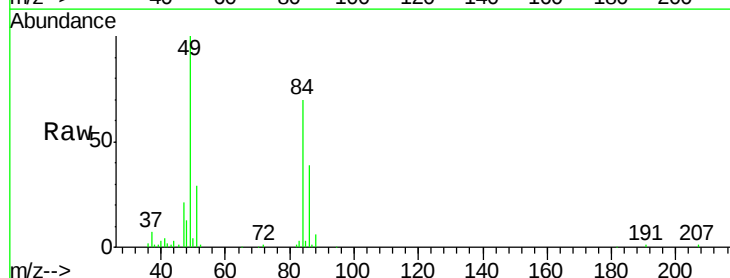
Tgt Ion: 84 Resp: 53323

Ion Ratio Lower Upper

84 100

49 143.0 98.3 182.5

86 55.3 46.4 86.2



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

4.91

20000

15000

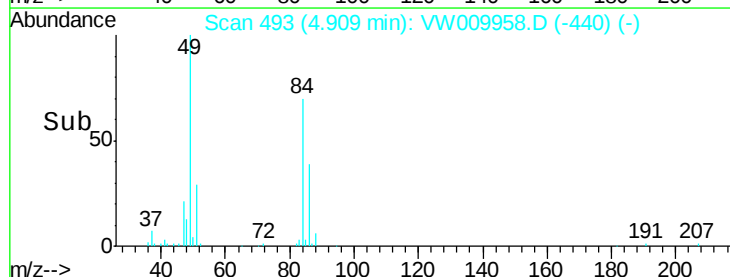
10000

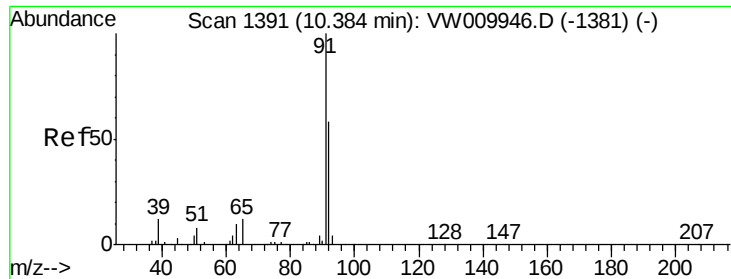
5000

0

Time-->

4.80 4.90 5.00 5.10





#44

Toluene

Concen: 0.824 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009958.D

Acq: 12 Apr 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

DB6Y9

Tot Ion: 91 Resp: 26885

Ion Ratio Lower Upper

91 100

92 53.3 40.5 75.1

