

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005756.D
 Acq On : 02 Oct 2018 01:31
 Operator : SY/AP
 Sample : J5181-03
 Misc : 4.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC32

Quant Time: Oct 02 07:51:30 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	264341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	217076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	64516	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	51753	15.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.44%
7) Chloroethane-d5	2.90	69	45866	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.01	63	91021	12.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.48%
20) 2-Butanone-d5	7.09	46	42723	39.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.98%
24) Chloroform-d	7.65	84	154819	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	90374	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	8.28	84	272444	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	9.28	67	91561	29.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.92%
37) Toluene-d8	10.33	98	224997	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.59	79	30989	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.00%
39) 2-Hexanone-d5	10.93	63	27644	38.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	64663	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	50825	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

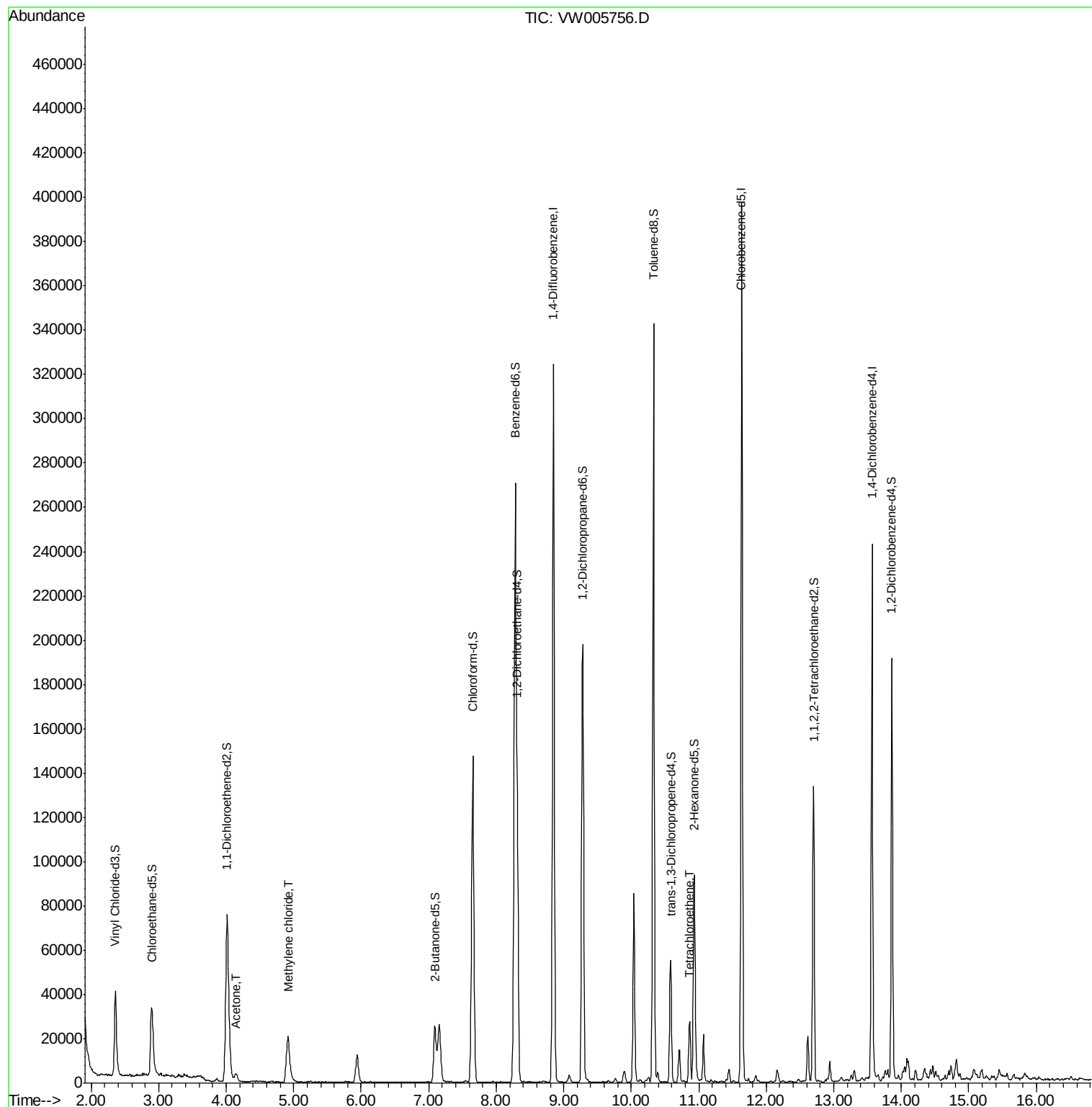
Target Compounds					Ovalue
13) Acetone	4.15	43	5497	4.879 ug/L	76
16) Methylene chloride	4.91	84	17432	4.000 ug/L	89
47) Tetrachloroethene	10.87	164	6299	2.179 ug/L	98

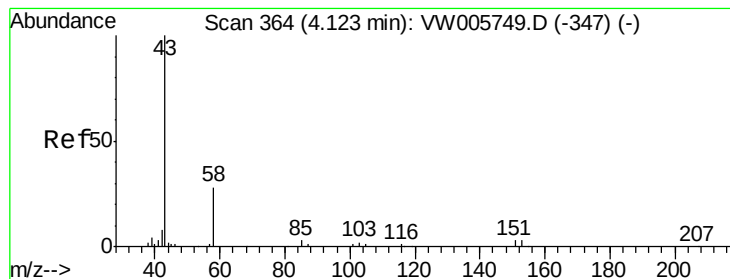
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.879 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Acq: 02 Oct 2018 01:31

Instrument :

MSVOA_W

ClientSampled :

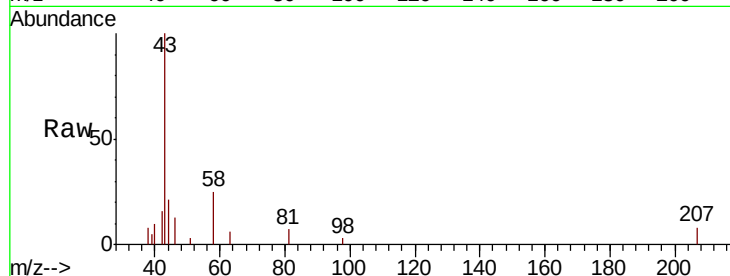
JLC32

Tot Ion: 43 Resp: 5497

Ion Ratio Lower Upper

43 100

58 26.0 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

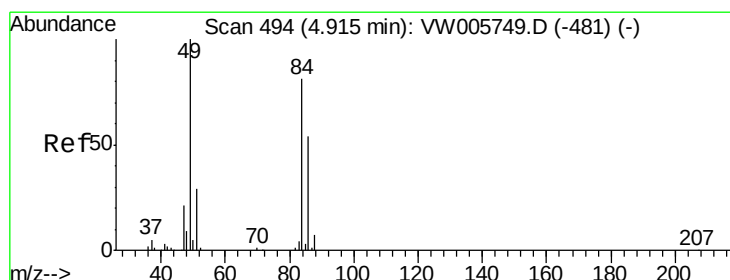
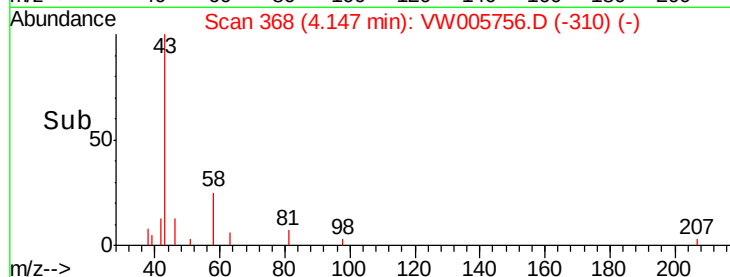
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 4.000 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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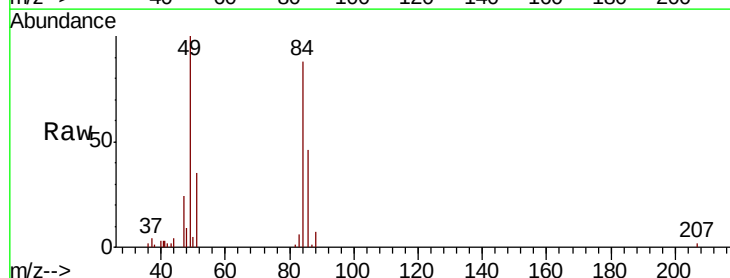
Tgt Ion: 84 Resp: 17432

Ion Ratio Lower Upper

84 100

49 113.0 87.2 162.0

86 51.9 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

8000

6000

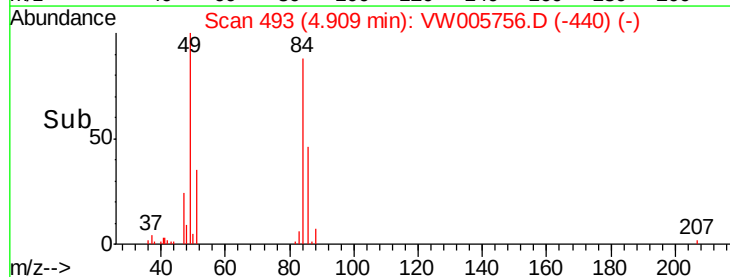
4000

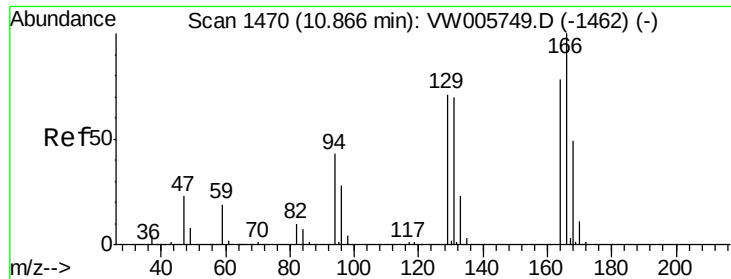
2000

0

4.80 4.85 4.90 4.95 5.00

Time-->





#47

Tetrachloroethene

Concen: 2.179 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005756.D

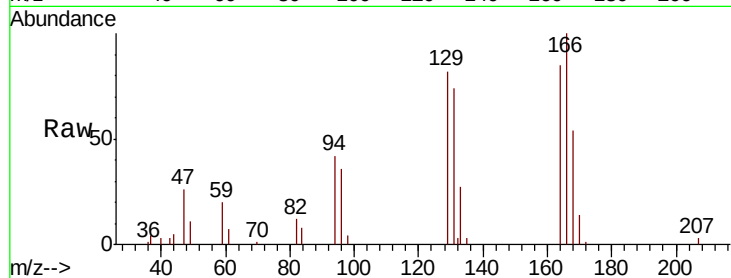
Acq: 02 Oct 2018 01:31

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Tot Ion:164 Resp: 6299

Ion Ratio Lower Upper

164 100

129 96.2 63.8 118.4

131 86.6 61.5 114.3

166 117.8 83.2 154.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

