

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005792.D
 Acq On : 02 Oct 2018 23:26
 Operator : SY/AP
 Sample : J5182-05
 Misc : 4.52G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC54

Quant Time: Oct 03 08:12:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	193469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	198257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	76487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	32413	13.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.56%
7) Chloroethane-d5	2.90	69	28422	14.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.08%
10) 1,1-Dichloroethene-d2	4.01	63	56643	10.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.08%#
20) 2-Butanone-d5	7.09	46	31477	39.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.50%
24) Chloroform-d	7.65	84	101356	20.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	8.31	65	65775	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.28	84	169490	17.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.08%
33) 1,2-Dichloropropane-d6	9.28	67	54568	19.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.96%
37) Toluene-d8	10.33	98	158971	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.64%
38) trans-1,3-Dichloropropene-	10.58	79	25733	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.08%
39) 2-Hexanone-d5	10.93	63	24320	36.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	60173	21.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	58546	21.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.52%

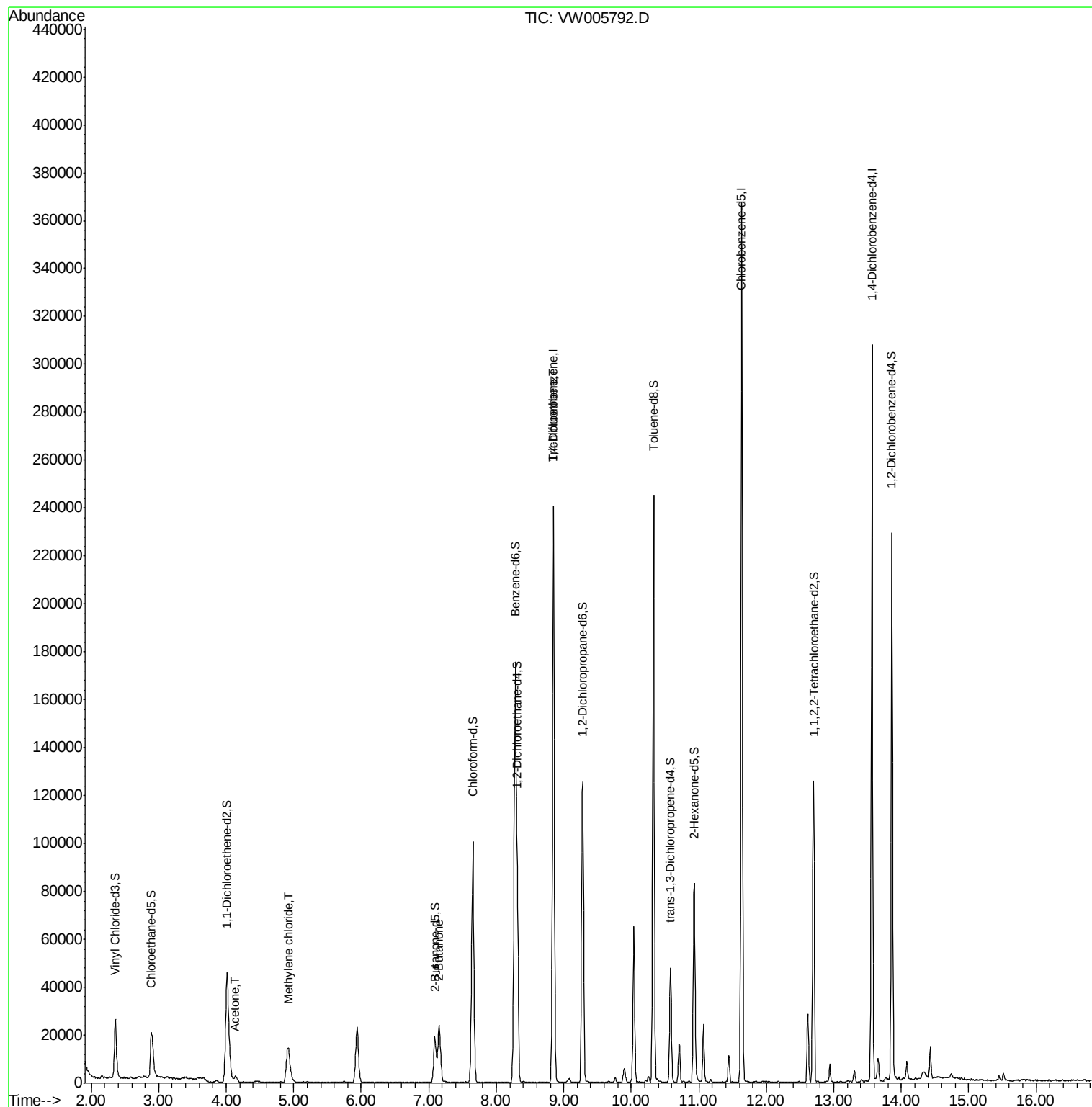
Target Compounds					Qvalue
13) Acetone	4.14	43	3966	4.810 ug/L	79
16) Methylene chloride	4.92	84	13748	4.310 ug/L	89
21) 2-Butanone	7.16	43	3062	3.101 ug/L #	53
35) Trichloroethene	8.85	95	6180	2.062 ug/L #	5

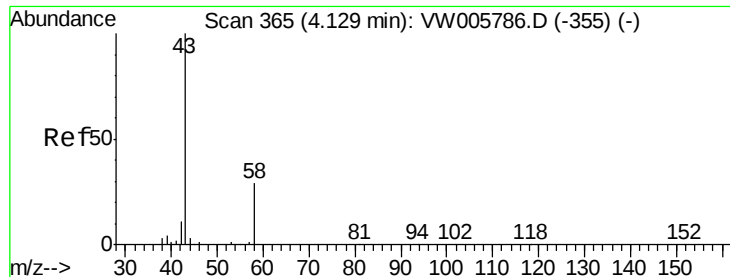
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.810 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

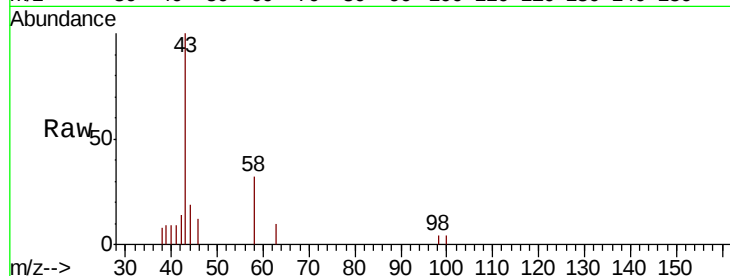
JLC54

Tgt Ion: 43 Resp: 3966

Ion Ratio Lower Upper

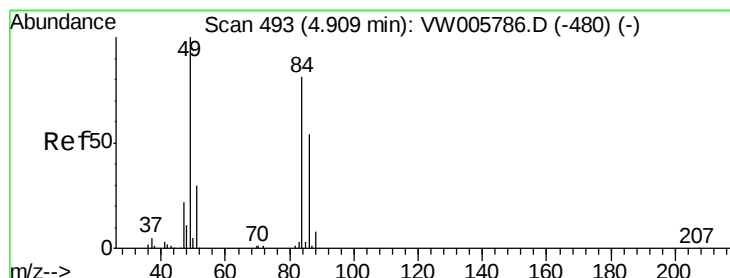
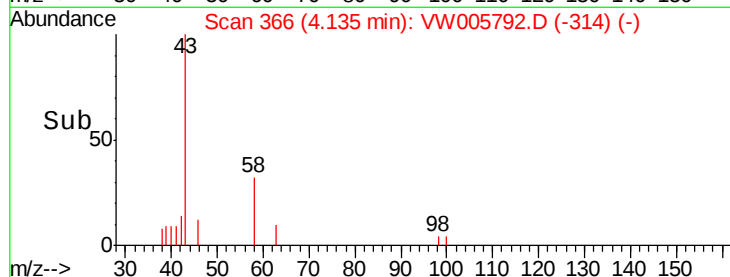
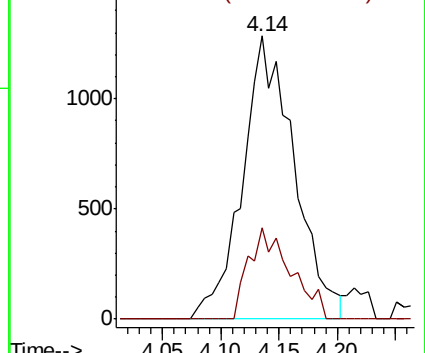
43 100

58 24.9 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.310 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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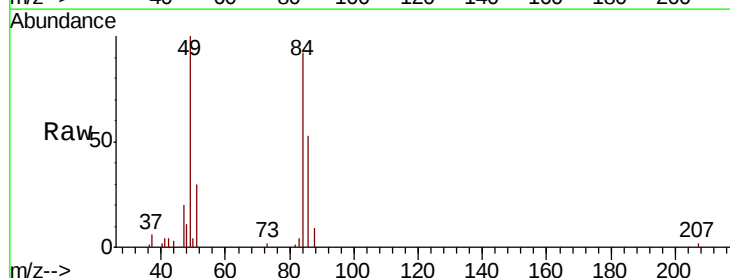
Tgt Ion: 84 Resp: 13748

Ion Ratio Lower Upper

84 100

49 109.1 87.2 162.0

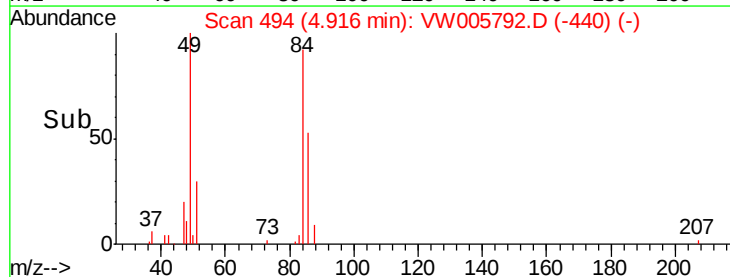
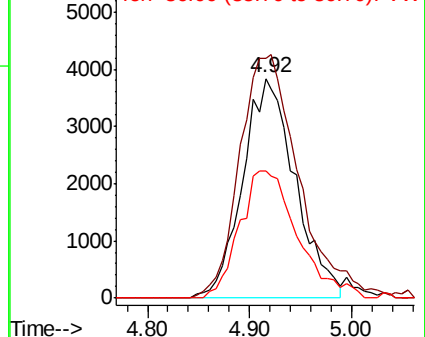
86 58.2 43.2 80.2

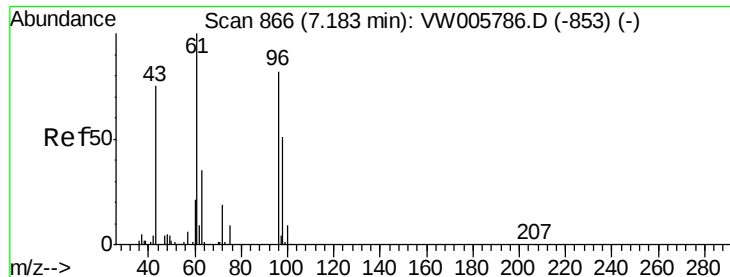


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.101 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

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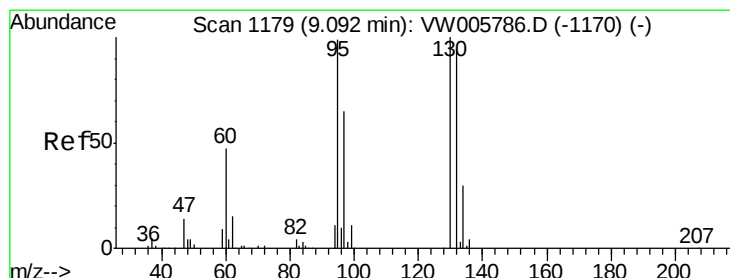
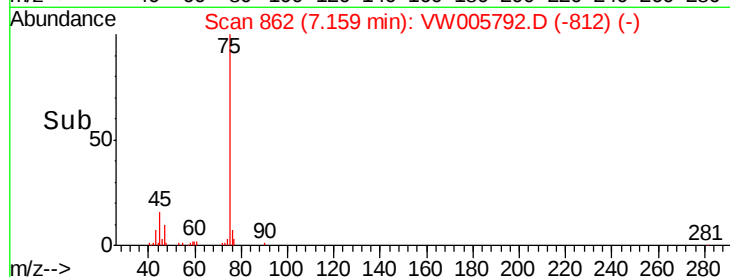
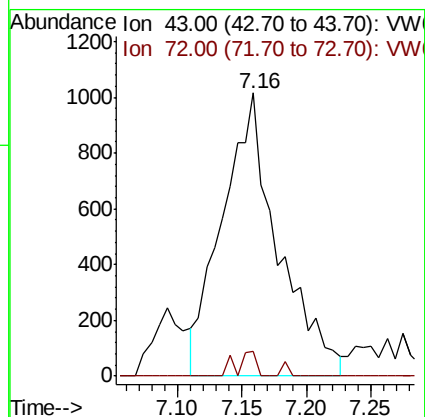
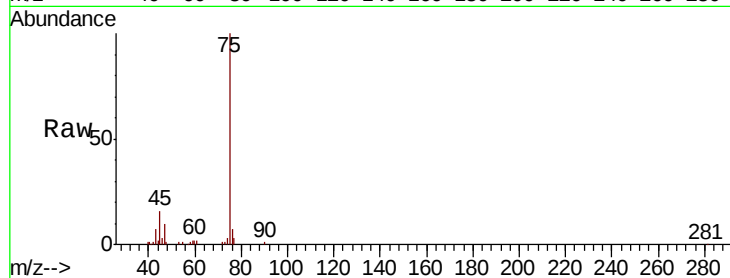
JLC54

Tgt Ion: 43 Resp: 3062

Ion Ratio Lower Upper

43 100

72 2.1 13.2 39.6#



#35

Trichloroethene

Concen: 2.062 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005792.D

Acq: 02 Oct 2018 23:26

Tgt Ion: 95 Resp: 6180

Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 1.2 68.0 126.4#

130 0.0 71.3 132.5#

