

Data File : VW011194.D
Acq On : 10 Jul 2019 14:55
Operator : SY/VA
Sample : K3724-10
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8T6

Quant Time: Jul 11 05:42:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 11 05:38:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	261789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	243315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	66535	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
7) Chloroethane-d5	2.88	69	51083	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.84%
10) 1,1-Dichloroethene-d2	4.02	63	121840	14.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.56%
20) 2-Butanone-d5	7.07	46	99891	63.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.88%
24) Chloroform-d	7.65	84	164021	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.31	65	113223	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.27	84	331486	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	116641	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.32	98	291034	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.58	79	46407	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	10.93	63	61905	55.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113521	28.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	107893	24.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.32%

Target Compounds

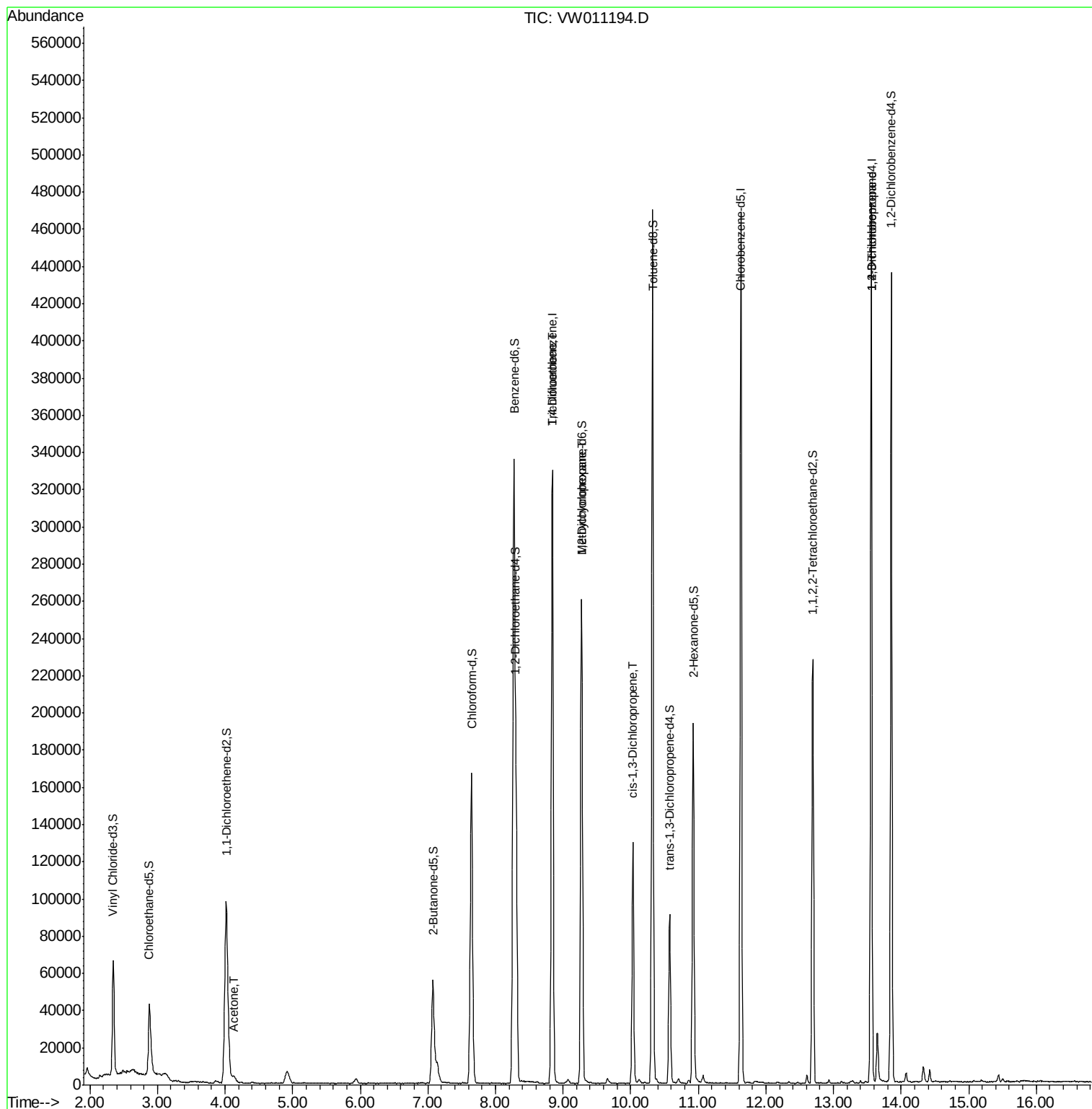
					Qvalue
13) Acetone	4.12	43	5095	3.313 ug/L	76
35) Trichloroethene	8.84	95	8005	2.086 ug/L #	6
36) Methylcyclohexane	9.27	83	26594	3.851 ug/L #	14
42) cis-1,3-Dichloropropene	10.04	75	3395	0.552 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	15691	5.322 ug/L	89

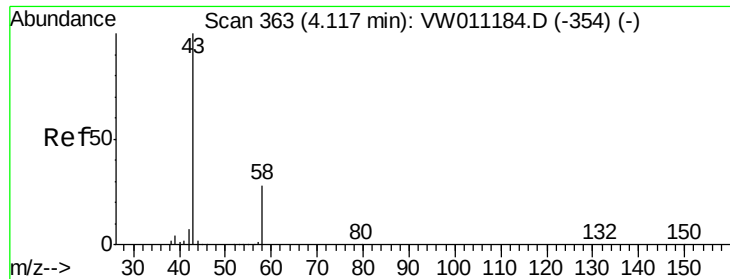
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.313 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

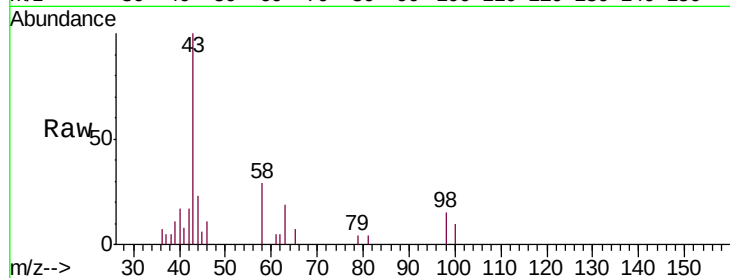
DB8T6

Tgt Ion: 43 Resp: 5095

Ion Ratio Lower Upper

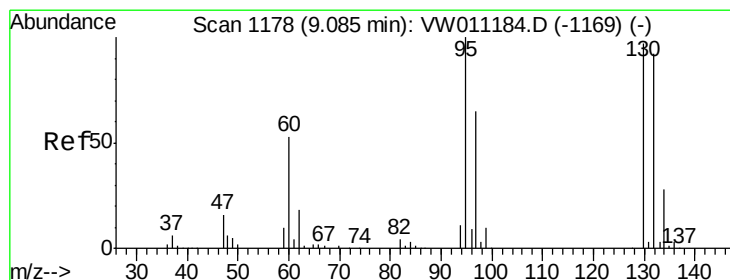
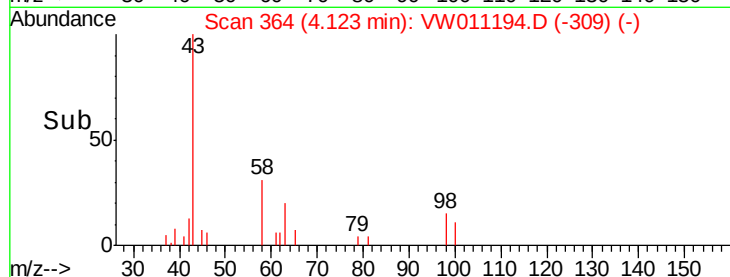
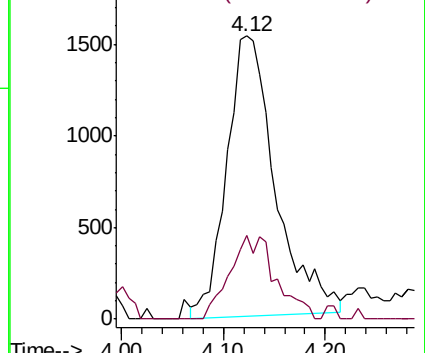
43 100

58 15.0 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.086 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Acq: 10 Jul 2019 14:55

Tgt Ion: 95 Resp: 8005

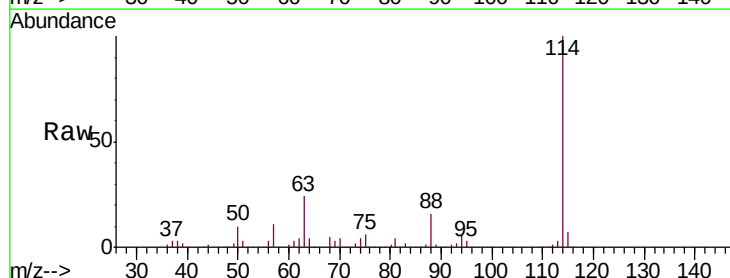
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#

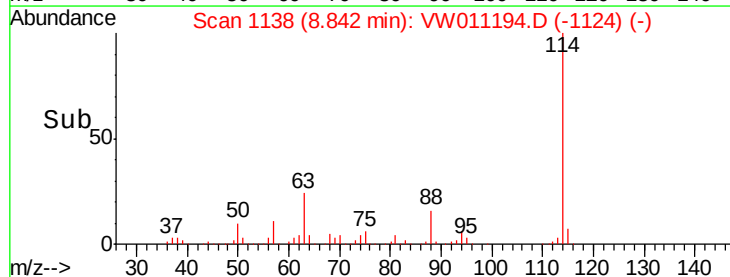
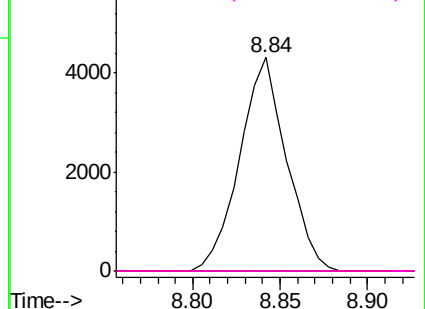


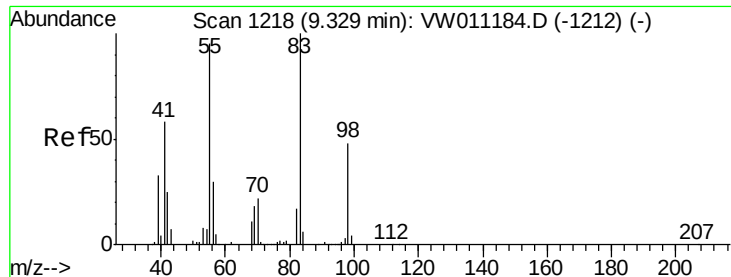
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

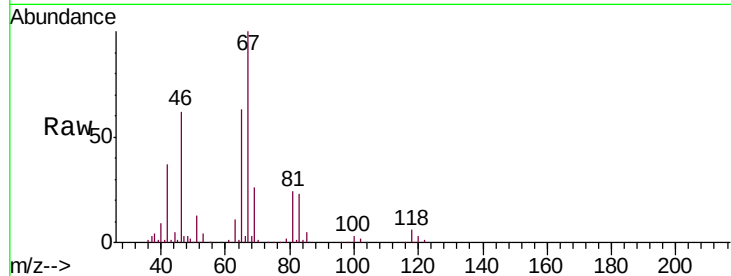




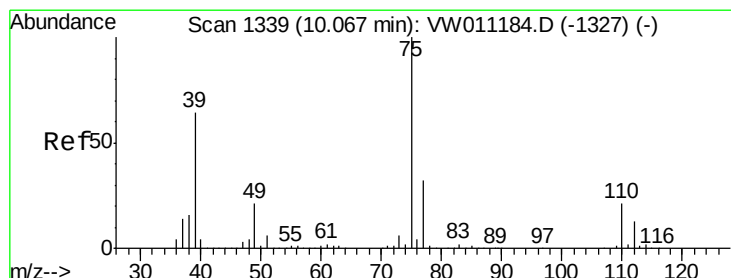
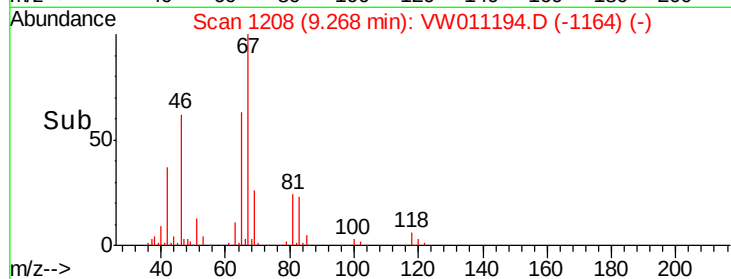
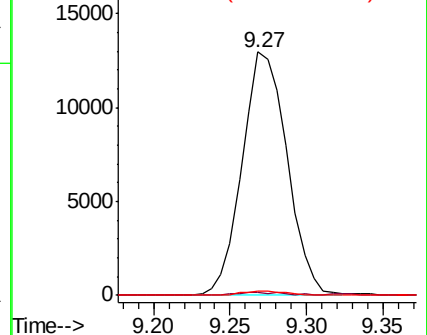
#36
Methylcyclohexane
Concen: 3.851 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 26594
Ion Ratio Lower Upper
83 100
55 0.9 72.2 108.4#
98 1.5 38.2 57.4#

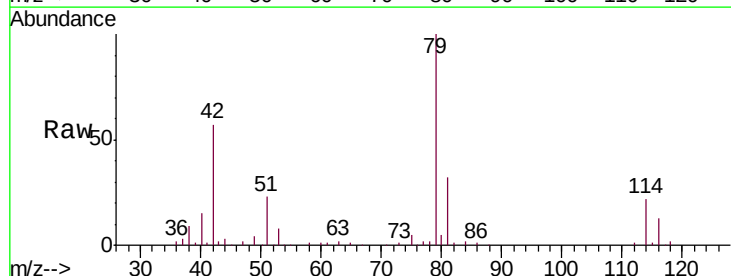


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

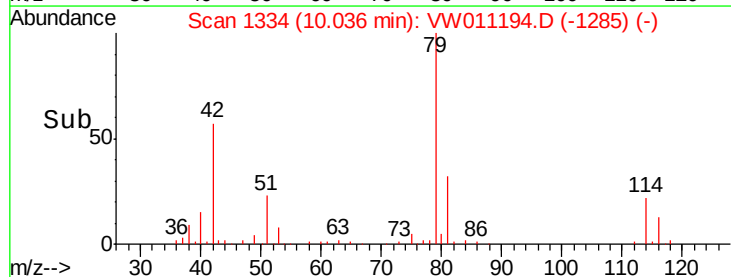
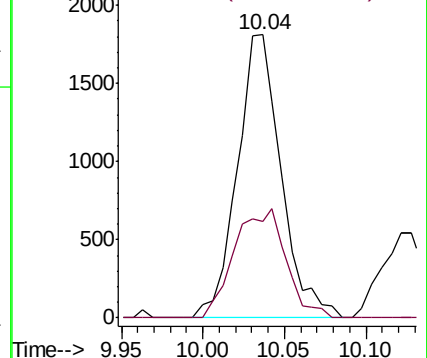


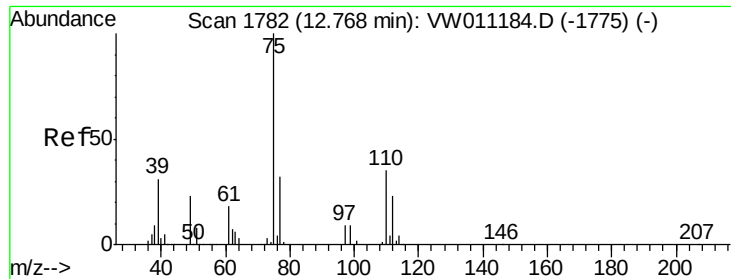
#42
cis-1,3-Dichloropropene
Concen: 0.552 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW011194.D
Acq: 10 Jul 2019 14:55

Tgt Ion: 75 Resp: 3395
Ion Ratio Lower Upper
75 100
77 34.2 21.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.322 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011194.D

Acq: 10 Jul 2019 14:55

Instrument :

MSVOA_W

ClientSampleId :

DB8T6

Tgt Ion: 75 Resp: 15691

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0

