

Data File : VW011186.D
Acq On : 10 Jul 2019 10:50
Operator : SY/VA
Sample : K3724-01
Misc : 3.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8T0

Quant Time: Jul 11 05:41:14 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	368867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	94305	16.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.96%
7) Chloroethane-d5	2.88	69	75229	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
10) 1,1-Dichloroethene-d2	4.01	63	171053	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.07	46	87221	39.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	7.64	84	217576	21.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	8.31	65	136909	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	8.27	84	444834	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	9.27	67	148692	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.32	98	392451	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.80%
38) trans-1,3-Dichloropropene-	10.58	79	56854	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.92%
39) 2-Hexanone-d5	10.93	63	57331	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117018	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	135812	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

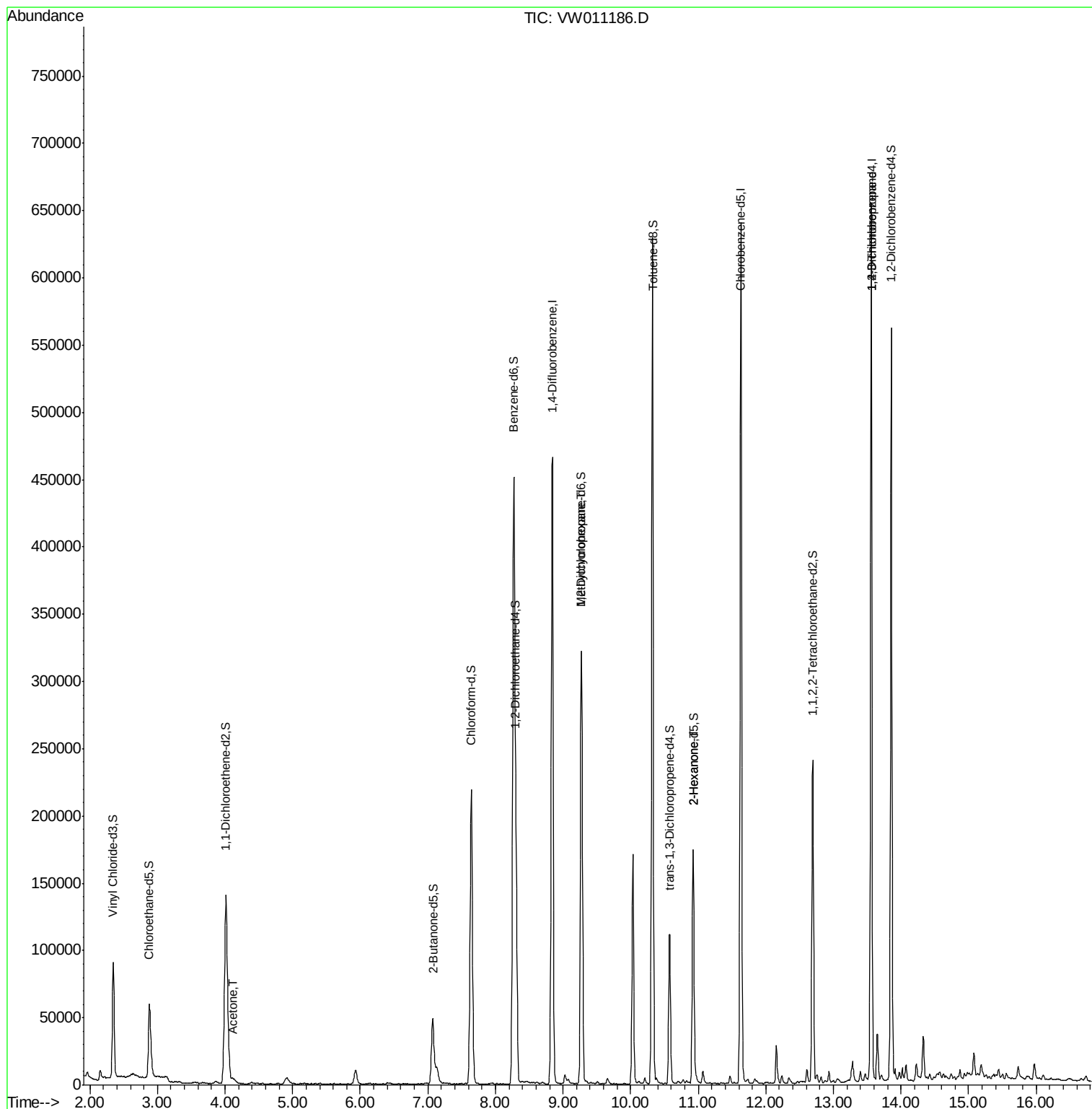
Target Compounds					Qvalue
13) Acetone	4.12	43	3802	1.754 ug/L	62
36) Methylcyclohexane	9.27	83	34100	3.648 ug/L #	15
49) 2-Hexanone	10.93	43	11732	3.082 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	21501	5.387 ug/L	92

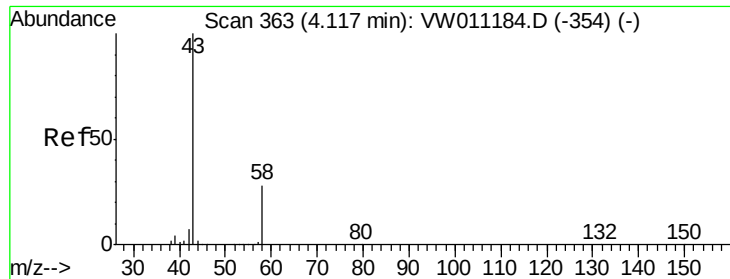
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.754 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

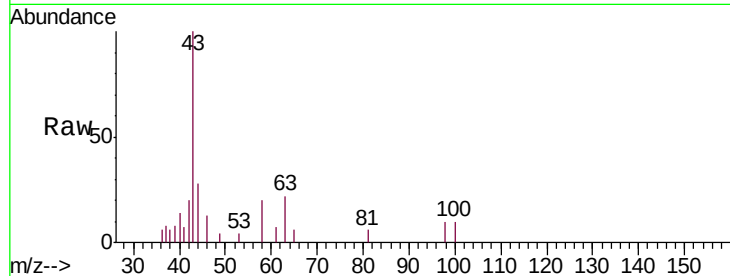
DB8T0

Tgt Ion: 43 Resp: 3802

Ion Ratio Lower Upper

43 100

58 7.8 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

1000

500

0

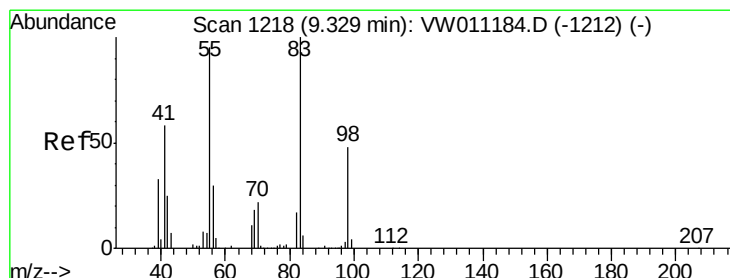
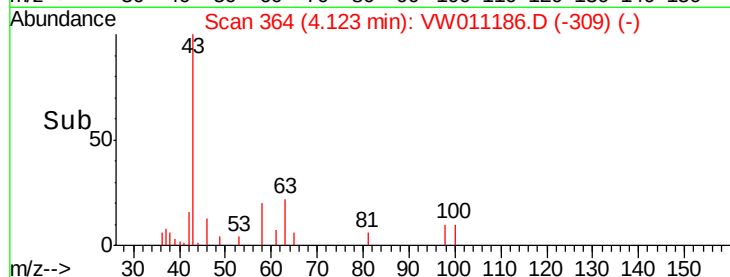
4.05

4.10

4.15

4.20

Time-->



#36

Methylcyclohexane

Concen: 3.648 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

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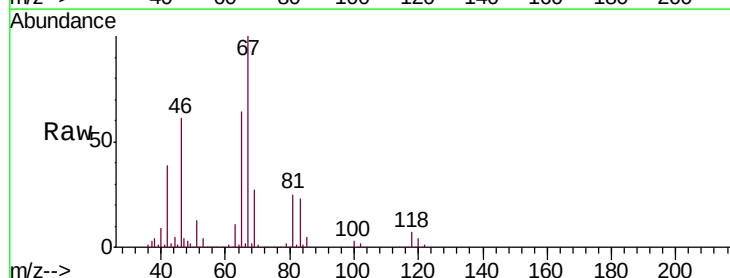
Tgt Ion: 83 Resp: 34100

Ion Ratio Lower Upper

83 100

55 1.1 72.2 108.4#

98 1.7 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

20000

15000

10000

5000

0

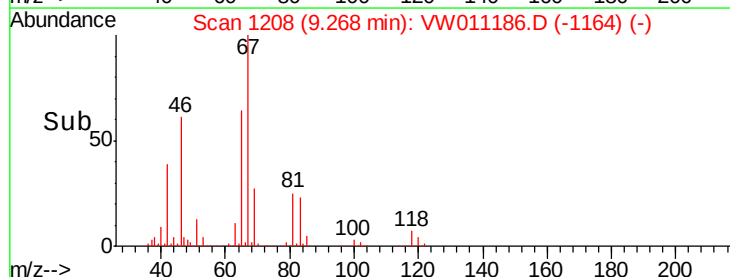
9.20

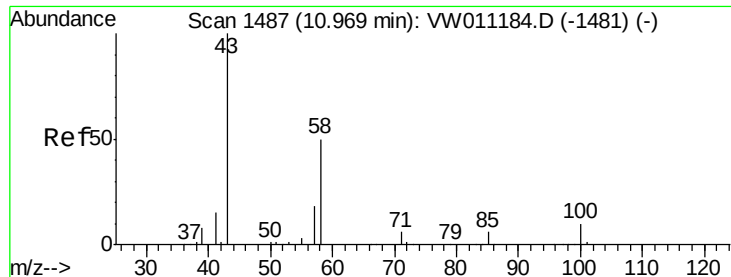
9.25

9.30

9.35

Time-->





#49

2-Hexanone

Concen: 3.082 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

DB8T0

Tgt Ion: 43 Resp: 11732

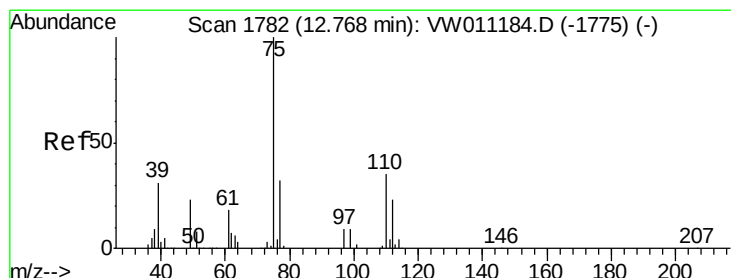
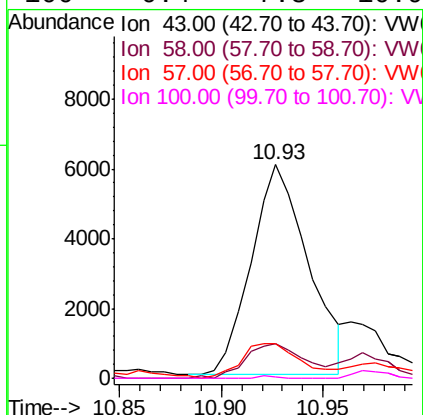
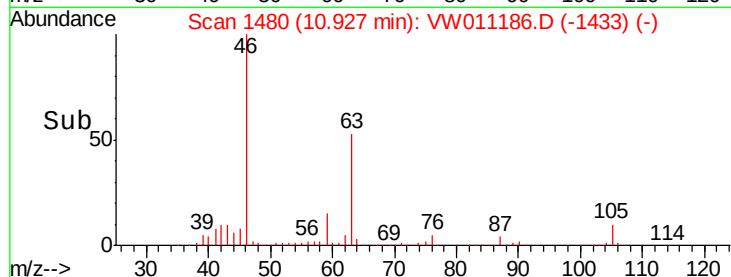
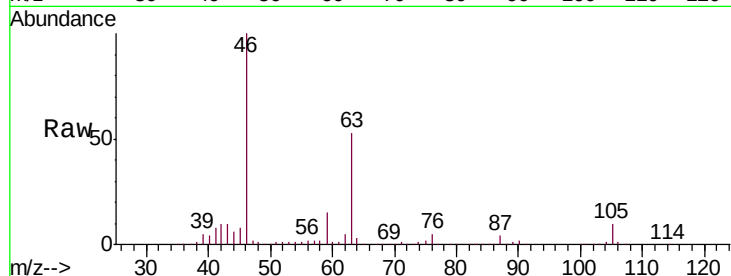
Ion Ratio Lower Upper

43 100

58 16.6 38.4 57.6#

57 17.7 13.3 19.9

100 0.4 7.3 10.9#



#59

1,2,3-Trichloropropane

Concen: 5.387 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 21501

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.0

