

Data File : VW011310.D
Acq On : 17 Jul 2019 15:49
Operator : SY/VA
Sample : K3755-15
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB920

Quant Time: Jul 18 05:00:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 04:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	248483	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	232554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109640	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	54112	14.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.04%
7) Chloroethane-d5	2.88	69	45152	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
10) 1,1-Dichloroethene-d2	4.01	63	105260	13.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.40%
20) 2-Butanone-d5	7.07	46	93122	62.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.62%
24) Chloroform-d	7.65	84	157774	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.30	65	106022	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	302778	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	9.27	67	109480	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.32	98	263234	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.48%
38) trans-1,3-Dichloropropene-	10.58	79	40642	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.93	63	56822	53.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107450	27.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	101880	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

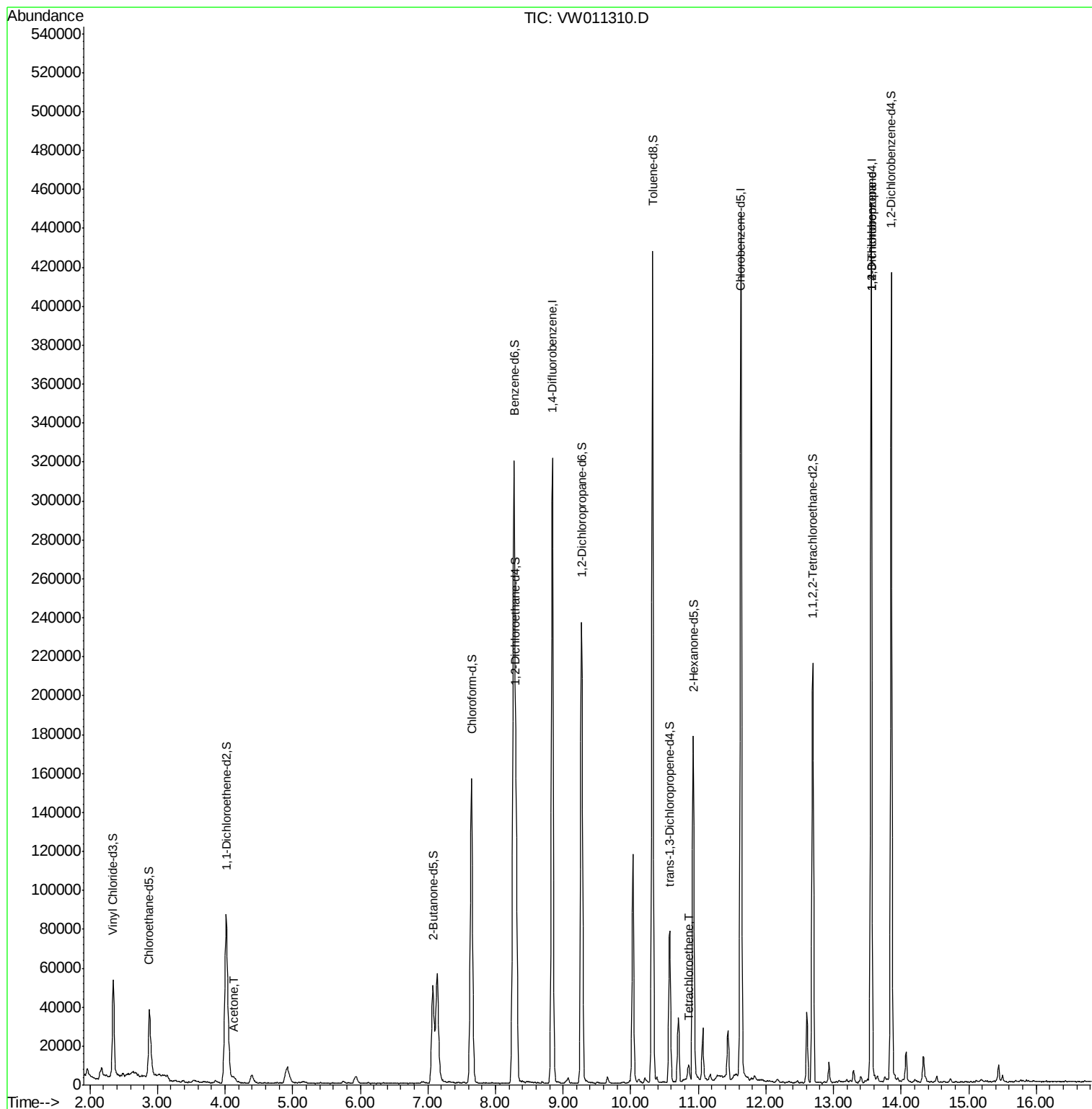
Target Compounds					Qvalue
13) Acetone	4.12	43	4175	2.860 ug/L	83
47) Tetrachloroethene	10.86	164	1464	0.528 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	15020	5.331 ug/L	91

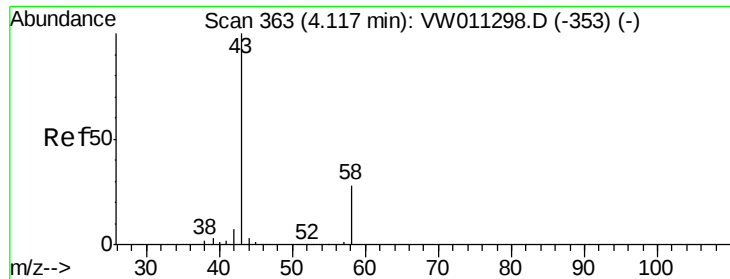
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.860 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

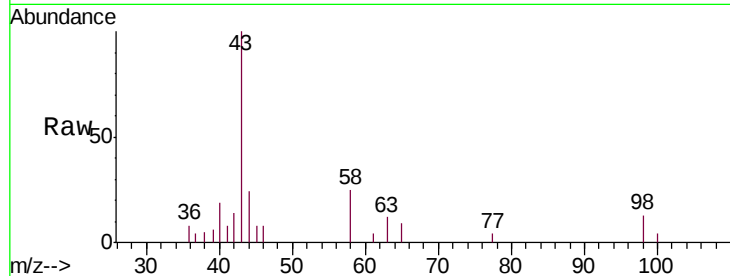
DB920

Tgt Ion: 43 Resp: 4175

Ion Ratio Lower Upper

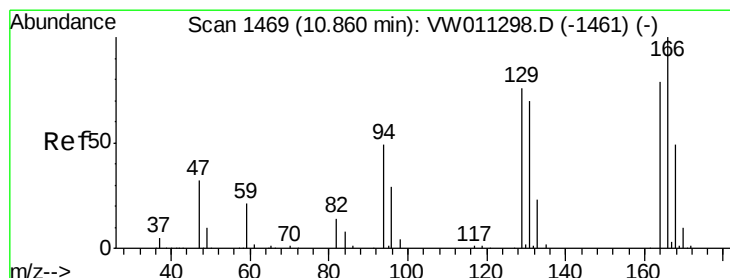
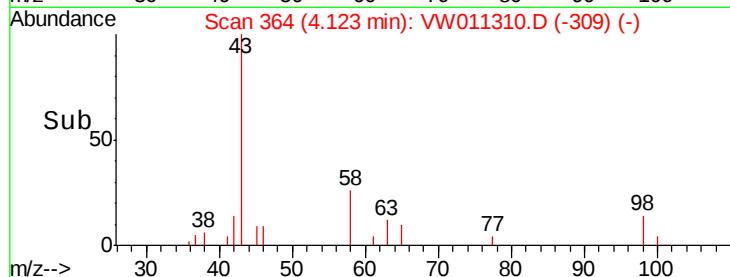
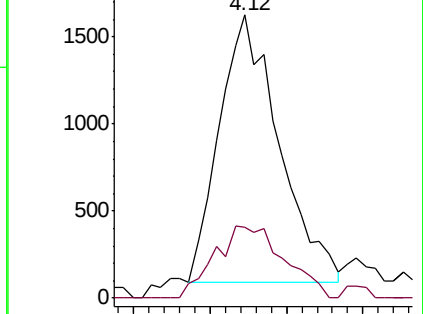
43 100

58 18.6 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#47

Tetrachloroethene

Concen: 0.528 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 1464

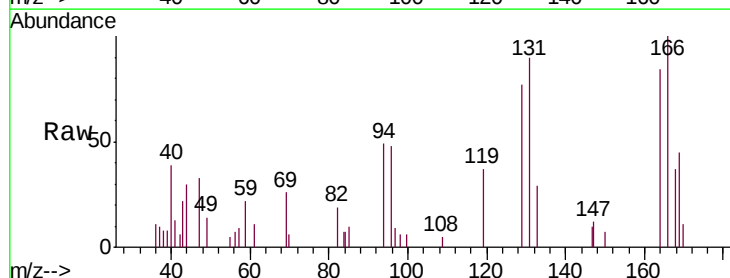
Ion Ratio Lower Upper

164 100

129 91.8 68.5 127.1

131 106.6 64.8 120.4

166 119.1 87.9 163.3

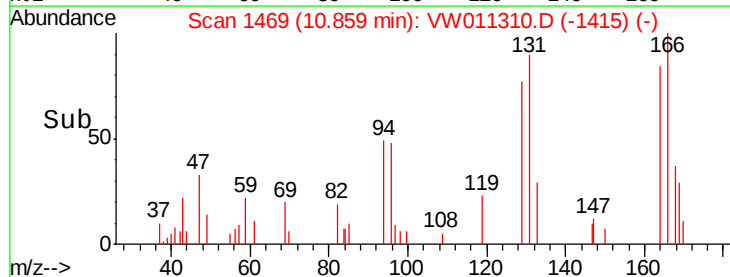
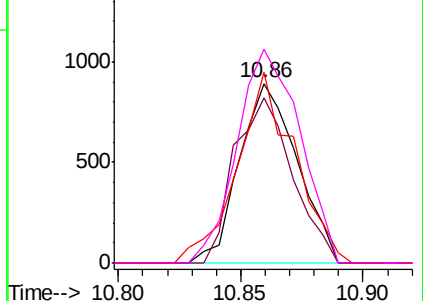


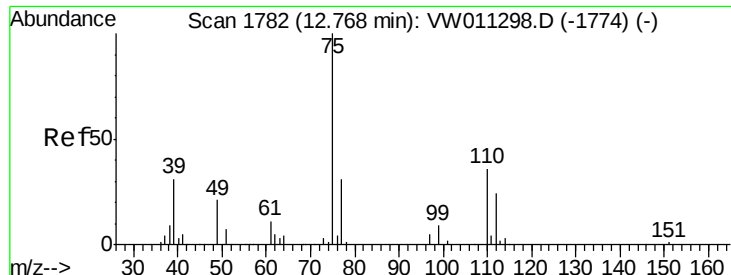
Abundance Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 5.331 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 15020

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.0

