

Data File : VW011264.D
Acq On : 15 Jul 2019 16:36
Operator : SY/VA
Sample : K3798-11
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H8

Quant Time: Jul 16 05:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271483	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	65983	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
7) Chloroethane-d5	2.88	69	52329	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	4.01	63	124092	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.07	46	105790	64.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.56%
24) Chloroform-d	7.95	84	81	0.01	ug/L	0.30
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.30	65	114947	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	331654	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	9.27	67	117368	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.32	98	279251	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.96%
38) trans-1,3-Dichloropropene-	10.58	79	44739	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.93	63	70179	66.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110734	29.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	75397	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

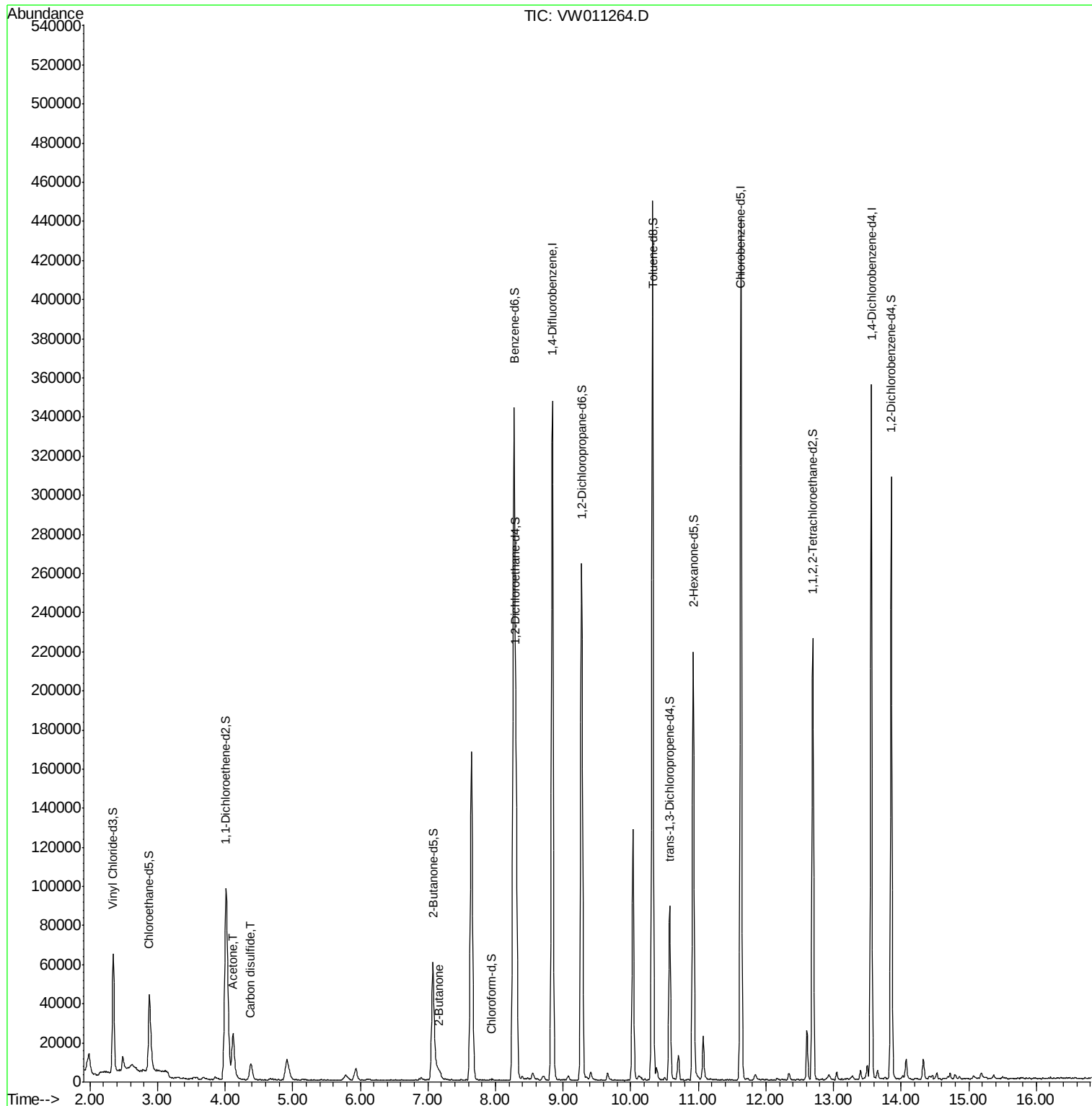
Target Compounds					Qvalue
13) Acetone	4.12	43	41348	25.924 ug/L	97
14) Carbon disulfide	4.38	76	15428	1.512 ug/L	97
21) 2-Butanone	7.17	43	5172	2.512 ug/L	79

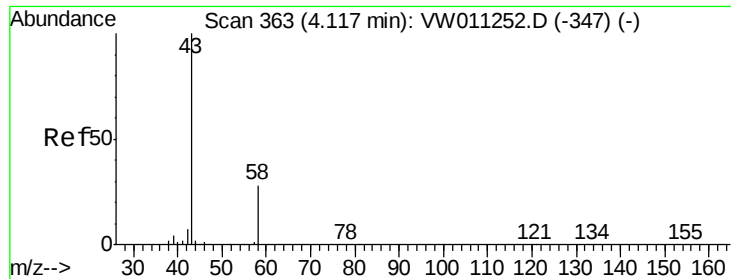
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.924 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

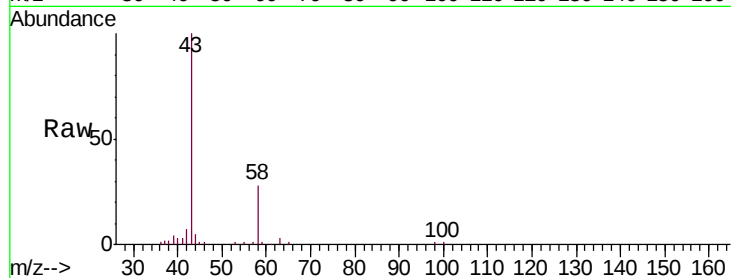
A52H8

Tgt Ion: 43 Resp: 41348

Ion Ratio Lower Upper

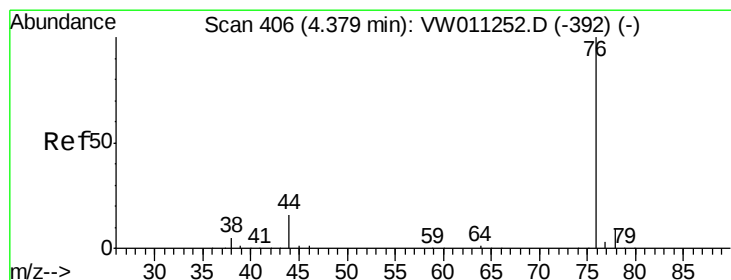
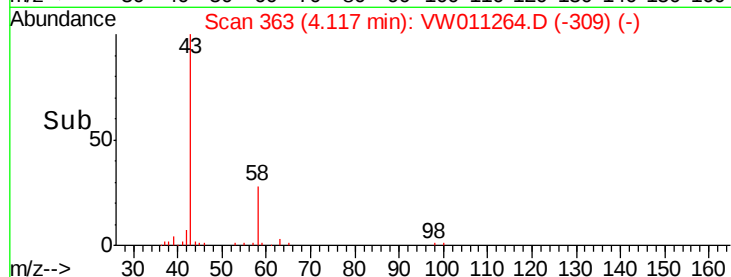
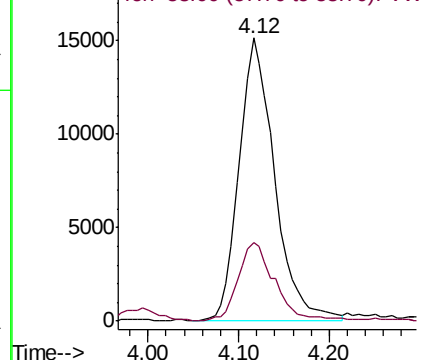
43 100

58 28.9 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.512 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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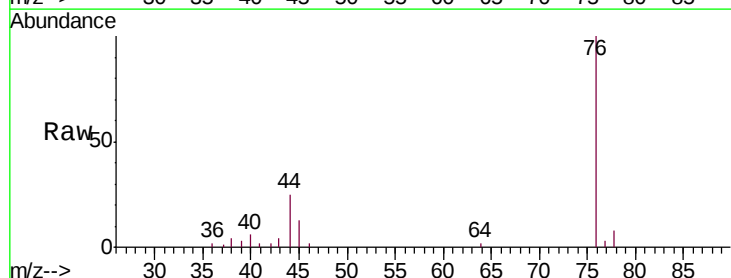
Acq: 15 Jul 2019 16:36

Tgt Ion: 76 Resp: 15428

Ion Ratio Lower Upper

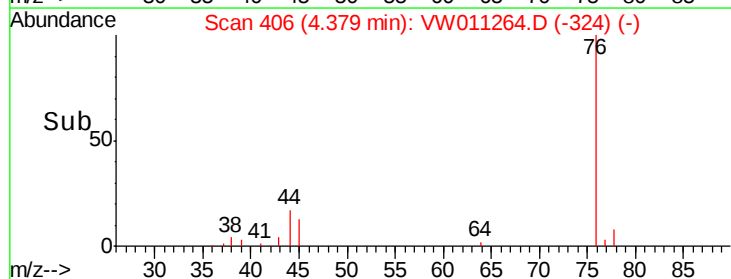
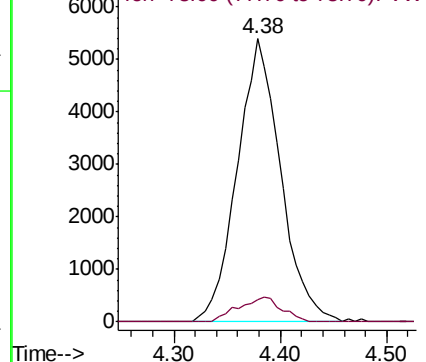
76 100

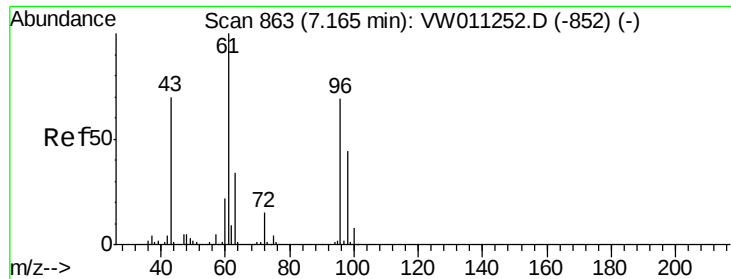
78 7.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21
 2-Butanone
 Concen: 2.512 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 5172
 Ion Ratio Lower Upper
 43 100
 72 12.4 11.2 33.6

