

Data File : VW014398.D
Acq On : 17 Dec 2019 17:41
Operator : SY/VA
Sample : K6277-15RE
Misc : 4.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C54RE

Quant Time: Dec 18 01:42:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	844518	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	645323	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	173354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	265745	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	2.89	69	230402	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.92%
10) 1,1-Dichloroethene-d2	4.01	63	374414	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
20) 2-Butanone-d5	7.07	46	145858	43.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.54%
24) Chloroform-d	7.64	84	569575	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.30	65	297816	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
29) Benzene-d6	8.27	84	1122442	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	372201	31.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.96%#
37) Toluene-d8	10.32	98	872409	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.04%
38) trans-1,3-Dichloropropene-	10.57	79	106183	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	10.92	63	107491	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	254139	26.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	183970	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

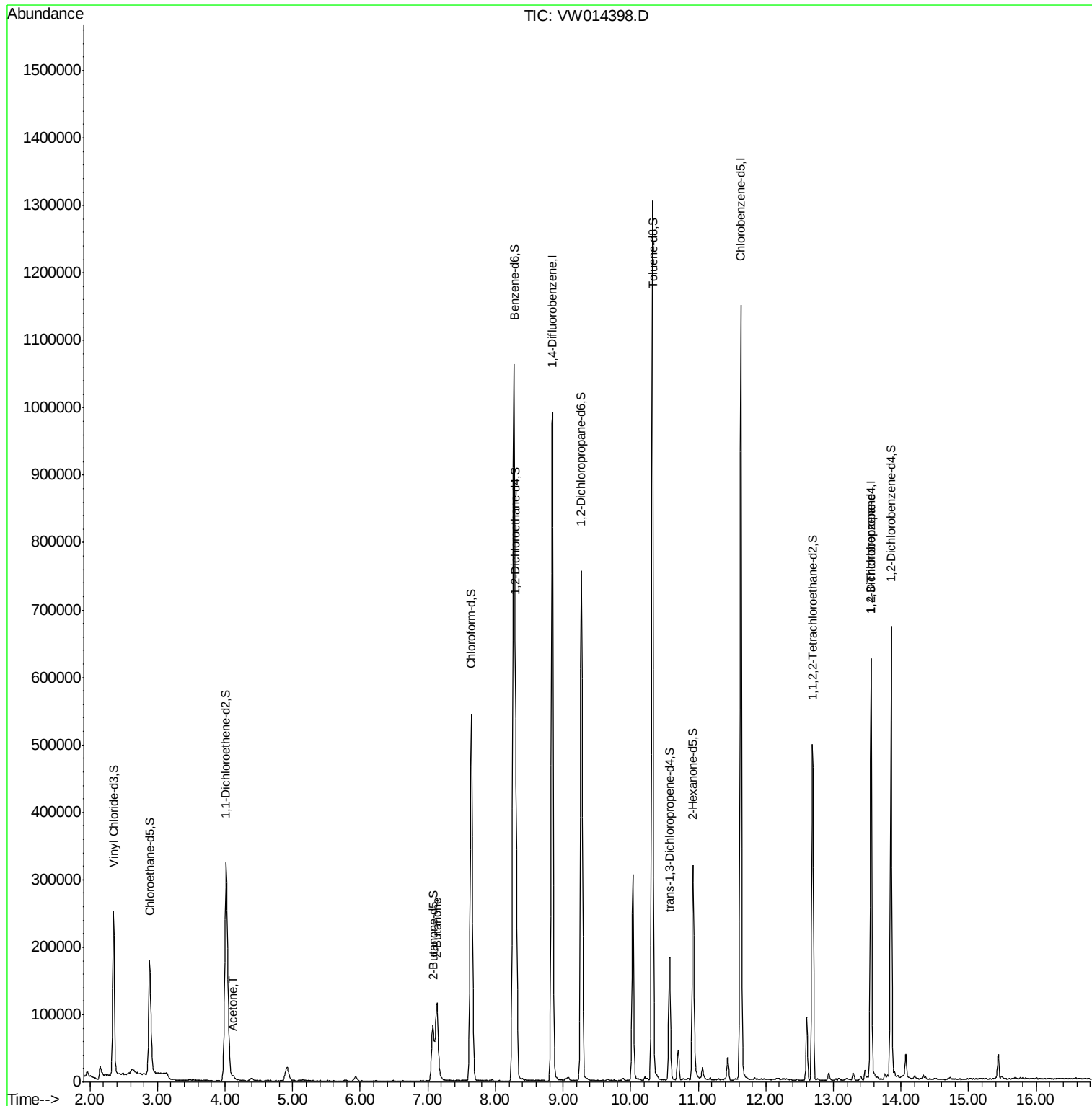
Target Compounds					Qvalue
13) Acetone	4.12	43	9790	3.047 ug/L	97
21) 2-Butanone	7.13	43	22109	5.125 ug/L #	51
59) 1,2,3-Trichloropropane	13.55	75	21503	2.964 ug/L	95

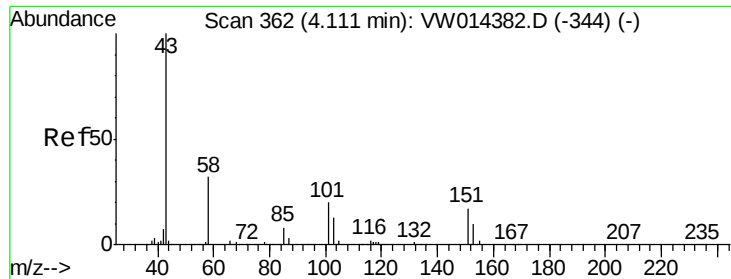
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.047 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

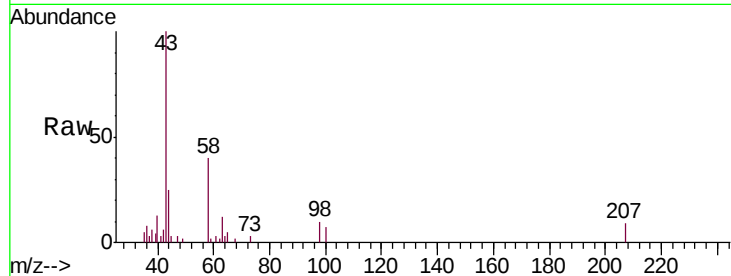
C0C54RE

Tgt Ion: 43 Resp: 9790

Ion Ratio Lower Upper

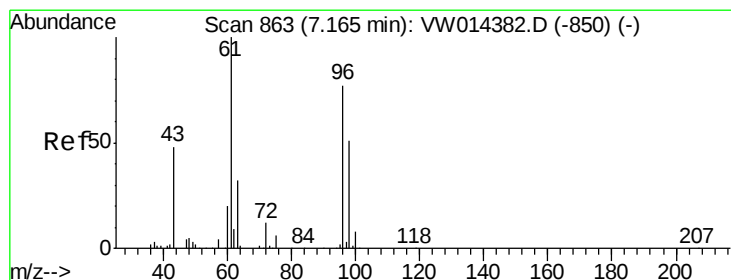
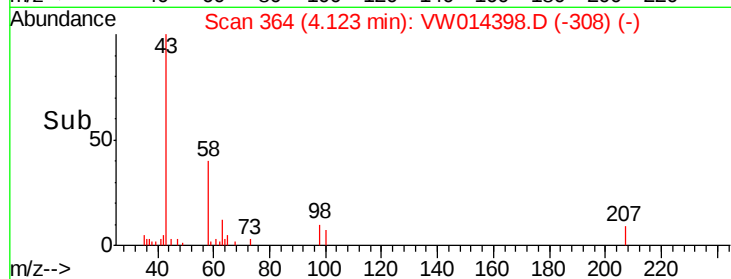
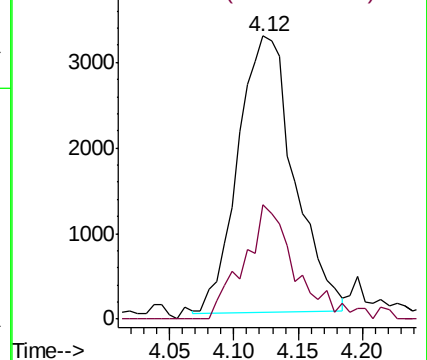
43 100

58 34.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.125 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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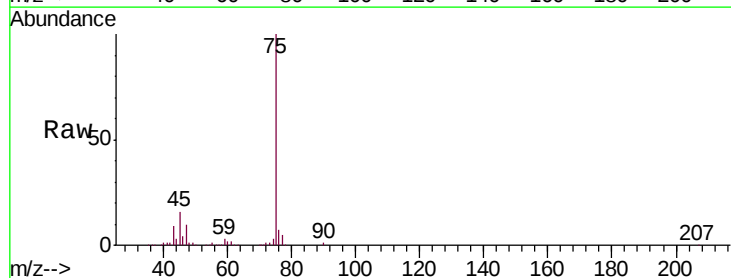
Acq: 17 Dec 2019 17:41

Tgt Ion: 43 Resp: 22109

Ion Ratio Lower Upper

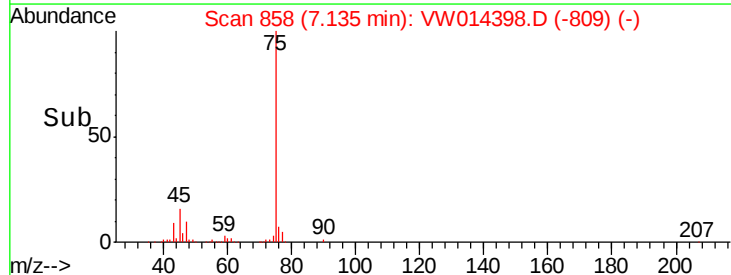
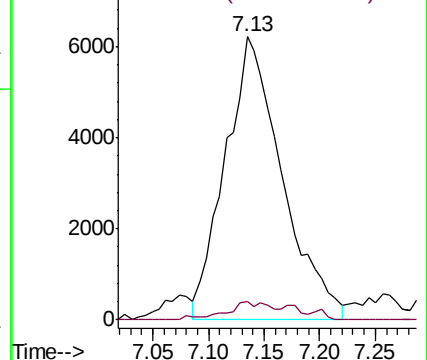
43 100

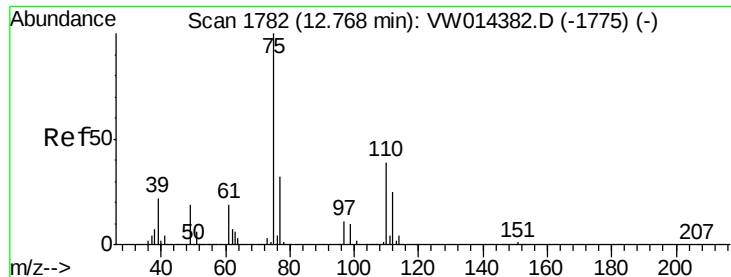
72 2.0 14.1 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.964 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 21503

Ion Ratio Lower Upper

75 100

77 35.3 25.9 38.9

