

Data File : VW014429.D
Acq On : 18 Dec 2019 13:40
Operator : SY/VA
Sample : K6277-08RE
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C68RE

Quant Time: Dec 19 01:09:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	917242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	673966	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	227906	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
7) Chloroethane-d5	2.89	69	210671	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	4.02	63	326379	13.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.20%
20) 2-Butanone-d5	7.07	46	146373	40.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.88%
24) Chloroform-d	7.64	84	530340	22.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	8.31	65	259895	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	8.27	84	1051797	26.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.52%
33) 1,2-Dichloropropane-d6	9.27	67	351814	28.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.80%
37) Toluene-d8	10.32	98	831239	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	82171	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.48%
39) 2-Hexanone-d5	10.92	63	104323	43.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	237236	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	172925	27.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.96%

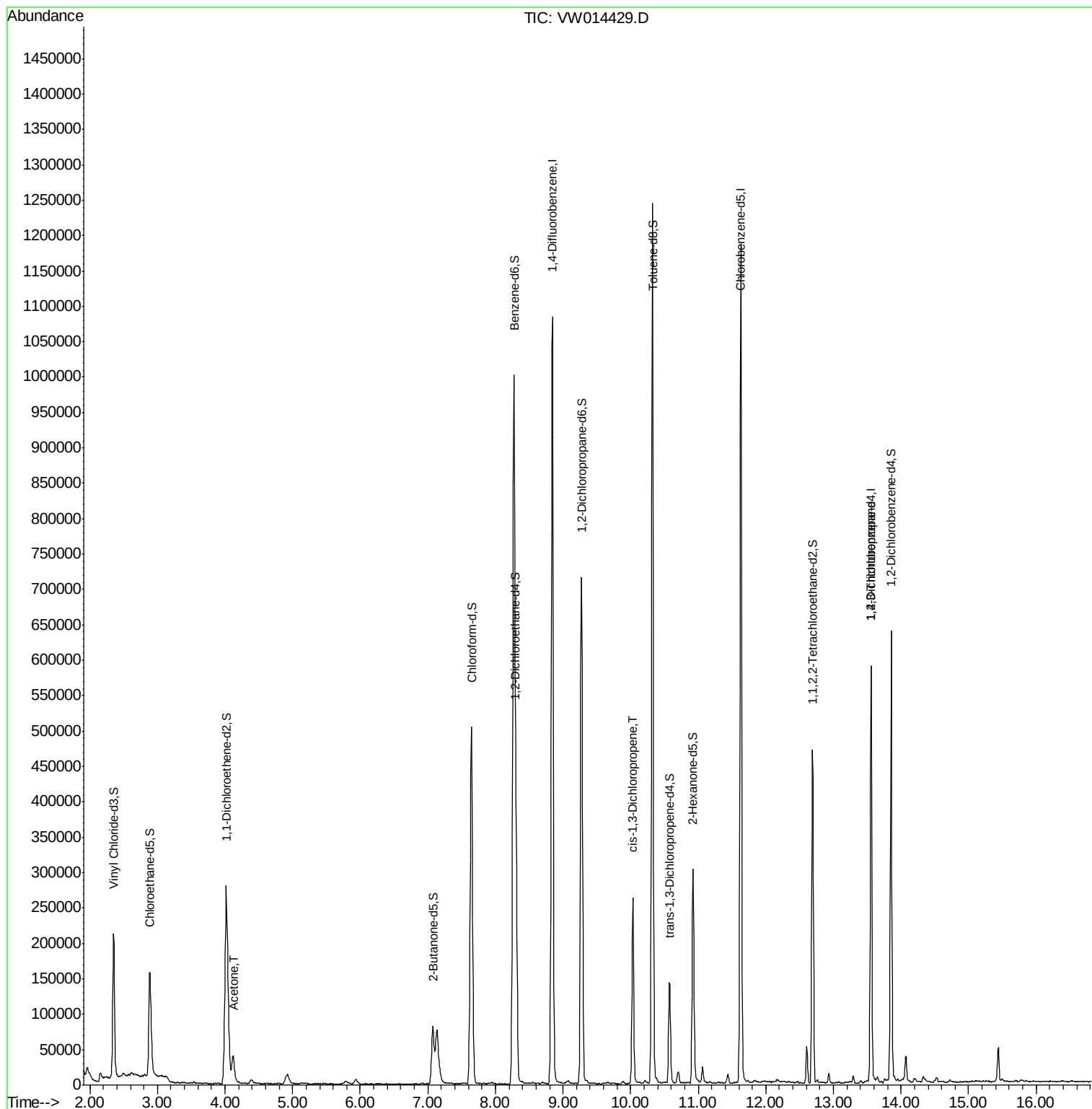
Target Compounds					Qvalue
13) Acetone	4.12	43	66922	19.177 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	6571	0.400 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	18478	2.439 ug/L	90

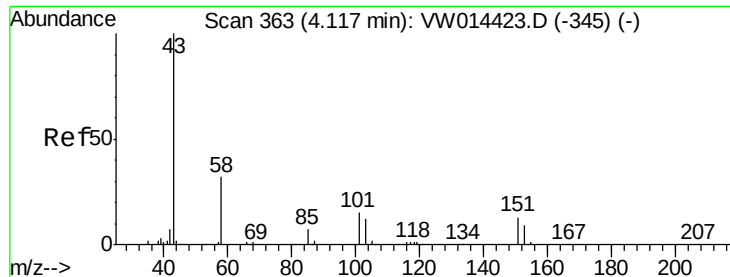
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.177 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

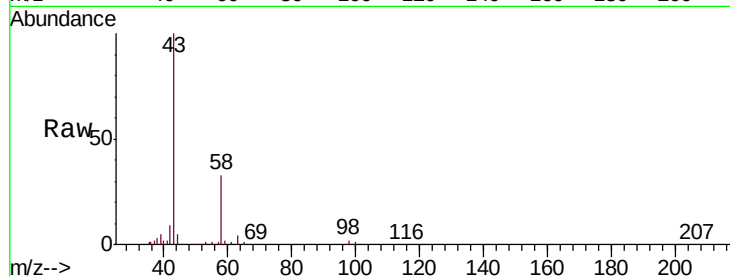
C0C68RE

Tgt Ion: 43 Resp: 66922

Ion Ratio Lower Upper

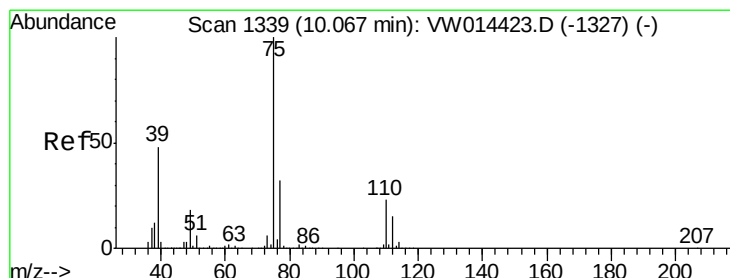
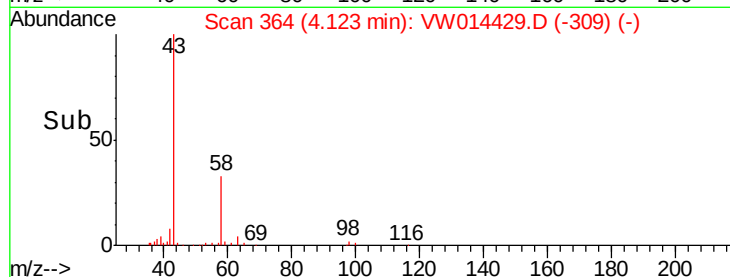
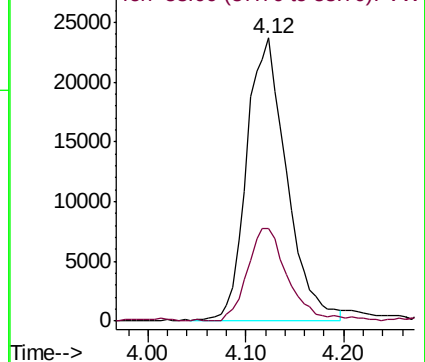
43 100

58 32.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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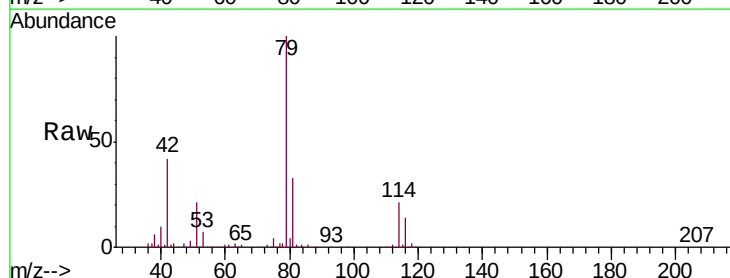
Acq: 18 Dec 2019 13:40

Tgt Ion: 75 Resp: 6571

Ion Ratio Lower Upper

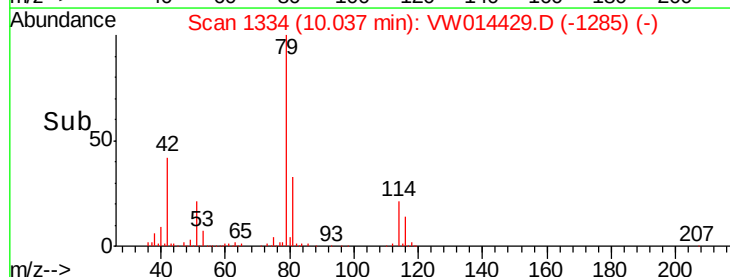
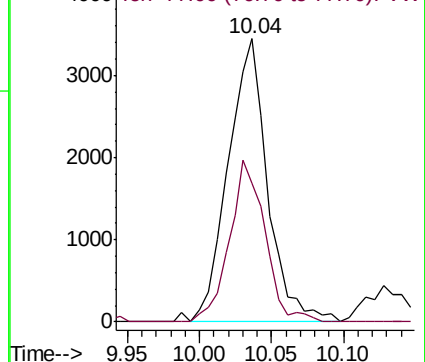
75 100

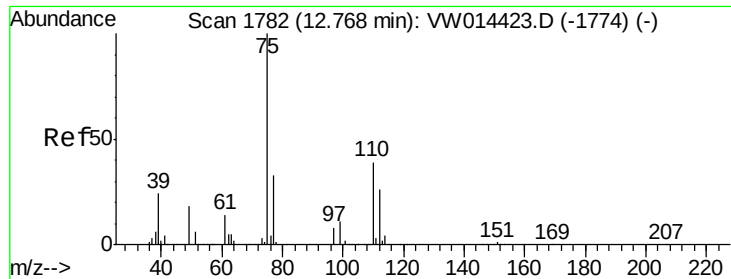
77 48.9 22.1 41.1#



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: 2.439 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 18478

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

