

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014284.D
 Acq On : 10 Dec 2019 16:17
 Operator : SY/VA
 Sample : K6171-19
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1065804	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	883111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	280061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	385177	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	2.89	69	304062	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	4.02	63	520447	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.07	46	217019	51.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.20%
24) Chloroform-d	7.64	84	720336	26.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.16%
26) 1,2-Dichloroethane-d4	8.47	65	180	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1483529	28.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.64%
33) 1,2-Dichloropropane-d6	9.27	67	481316	30.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.92%#
37) Toluene-d8	10.32	98	1233858	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloropropene-	10.57	79	163581	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.96%
39) 2-Hexanone-d5	10.92	63	164813	52.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358639	27.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	305238	28.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.08%

Target Compounds

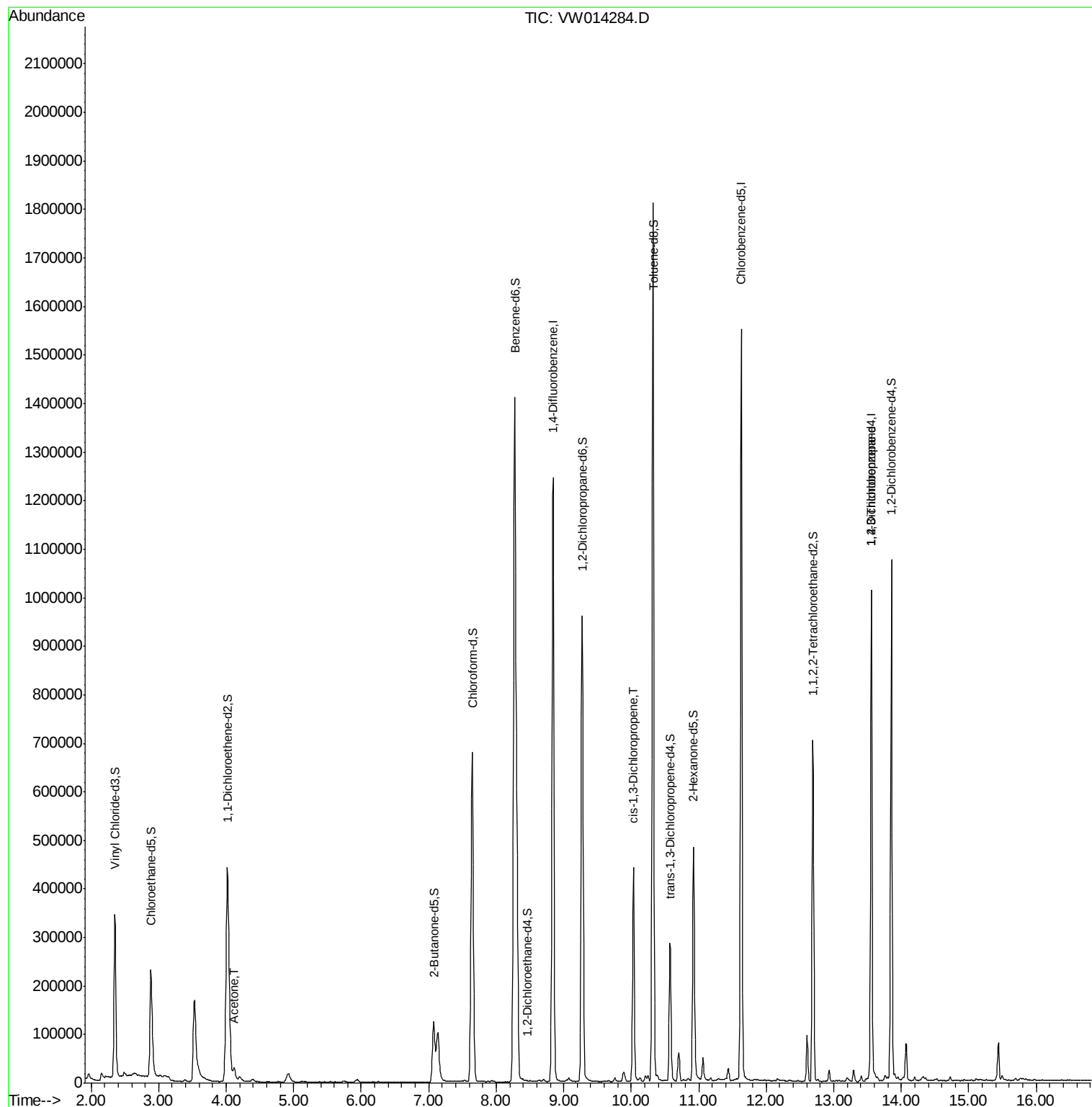
					Ovalue
13) Acetone	4.12	43	43086	10.626	ug/L 98
42) cis-1,3-Dichloropropene	10.04	75	9881	0.459	ug/L # 69
59) 1,2,3-Trichloropropane	13.55	75	33149	3.339	ug/L 97

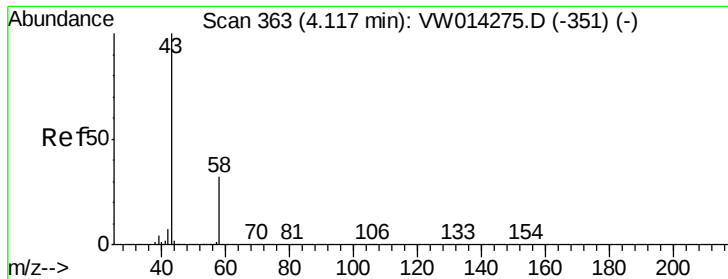
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.626 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 10 Dec 2019 16:17

Instrument :

MSVOA_W

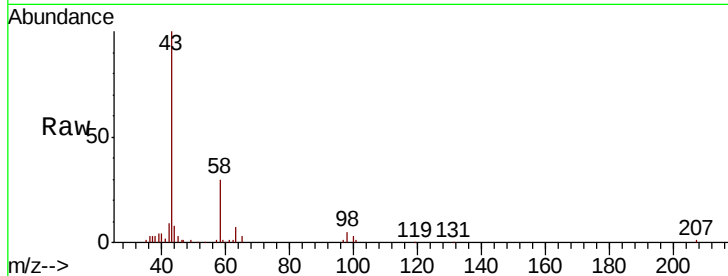
ClientSampleId :

Tot Ion: 43 Resp: 43086

Ion Ratio Lower Upper

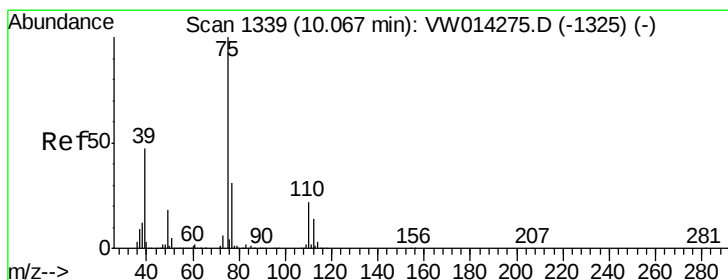
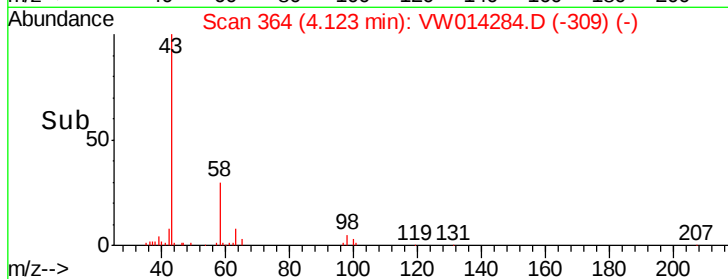
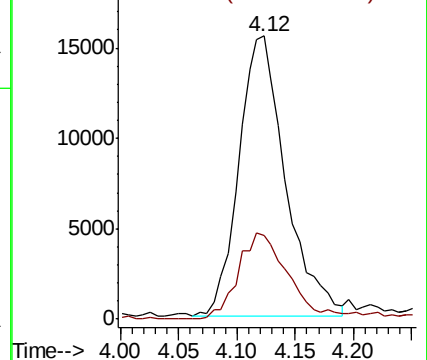
43 100

58 31.4 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: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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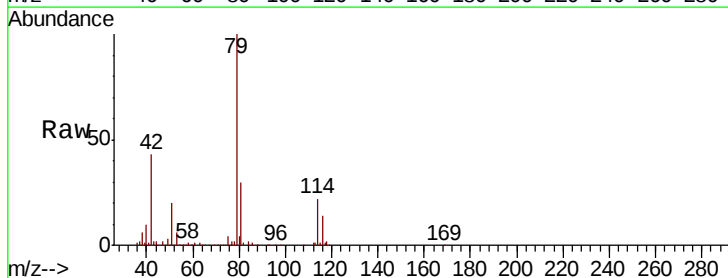
Acq: 10 Dec 2019 16:17

Tgt Ion: 75 Resp: 9881

Ion Ratio Lower Upper

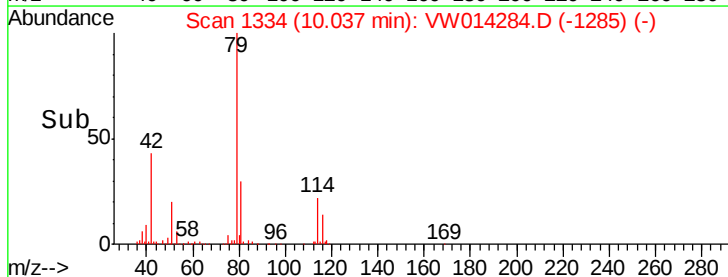
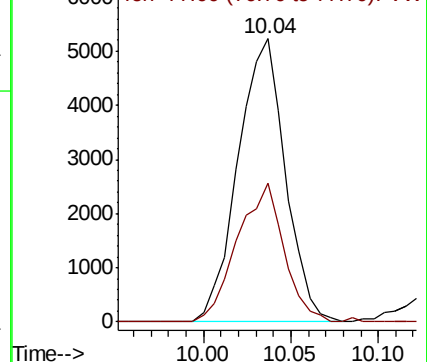
75 100

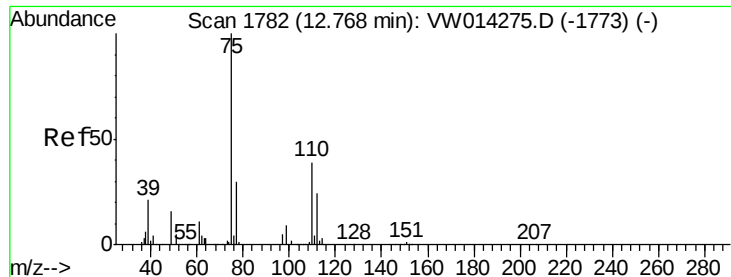
77 48.8 22.1 41.1#



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: 3.339 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014284.D

Acq: 10 Dec 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 33149

Ion Ratio Lower Upper

75 100

77 33.8 25.9 38.9

