

Data File : VW014271.D
Acq On : 09 Dec 2019 18:03
Operator : SY/VA
Sample : K6172-05RE
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT1

Quant Time: Dec 10 07:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1142157	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	968967	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	324608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	402093	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	304861	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
10) 1,1-Dichloroethene-d2	4.01	63	530851	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	7.07	46	237237	52.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.28%
24) Chloroform-d	7.64	84	727039	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.41	65	319	0.02	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1507806	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
33) 1,2-Dichloropropane-d6	9.27	67	486415	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.36%
37) Toluene-d8	10.32	98	1269731	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.92%
38) trans-1,3-Dichloropropene-	10.57	79	168631	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	10.92	63	185591	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	398049	27.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	352128	28.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.56%

Target Compounds

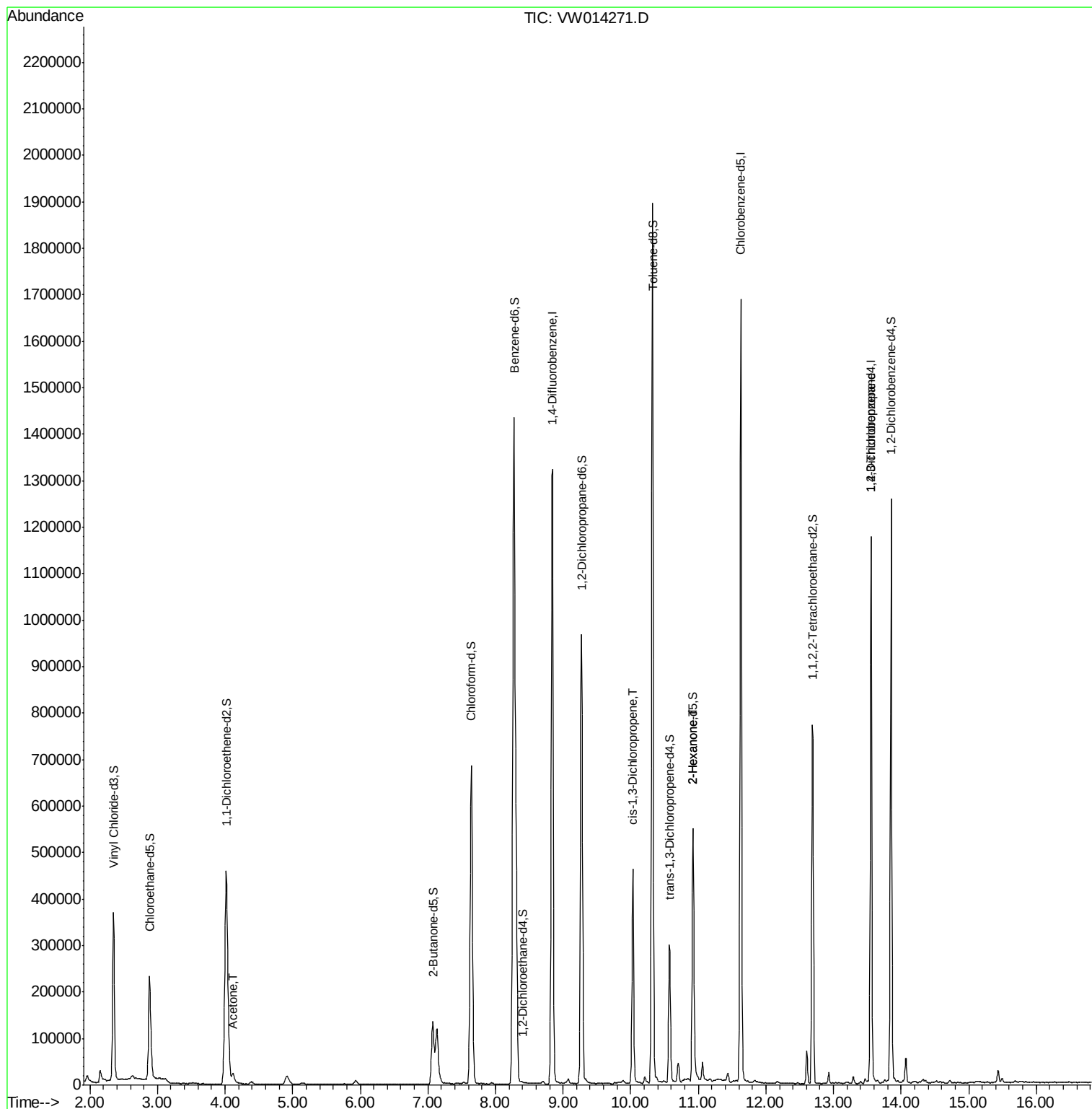
					Qvalue
13) Acetone	4.12	43	33480	7.705 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	10576	0.448 ug/L #	74
49) 2-Hexanone	10.93	43	27332	3.694 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	38287	3.515 ug/L	96

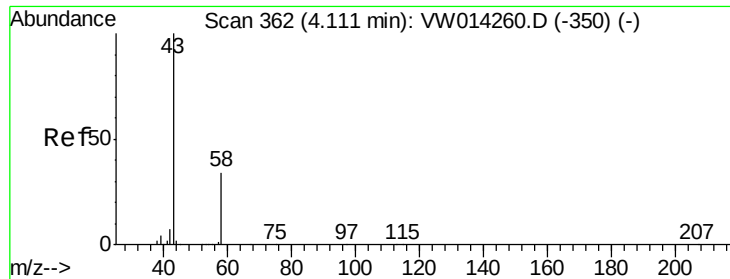
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014271.D
Acq On : 09 Dec 2019 18:03
Operator : SY/VA
Sample : K6172-05RE
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT1

Quant Time: Dec 10 07:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.705 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014271.D

Acq: 09 Dec 2019 18:03

Instrument :

MSVOA_W

ClientSampled :

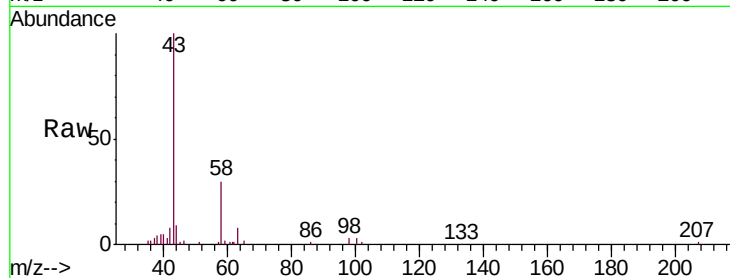
C0BT1

Tgt Ion: 43 Resp: 33480

Ion Ratio Lower Upper

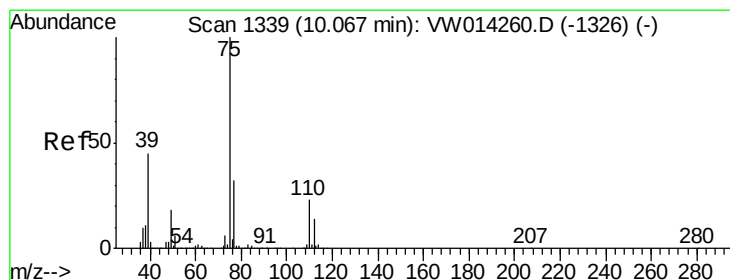
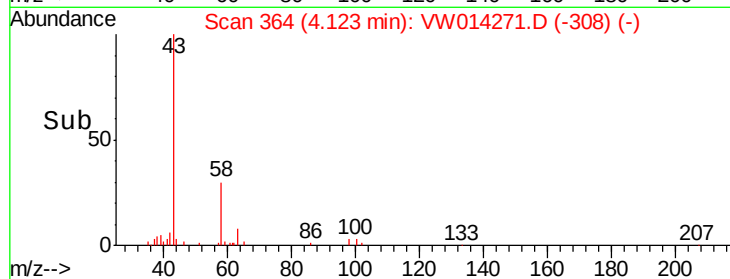
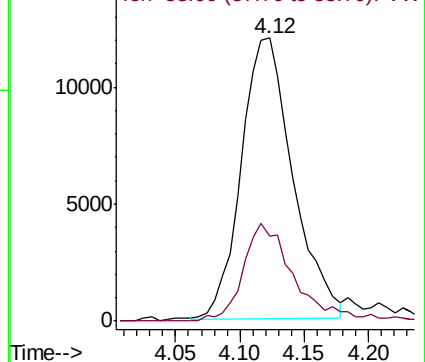
43 100

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: 0.448 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014271.D

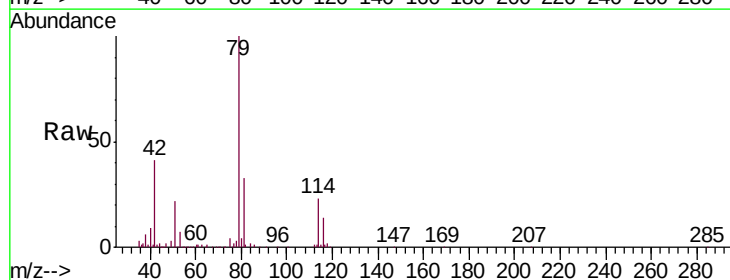
Acq: 09 Dec 2019 18:03

Tgt Ion: 75 Resp: 10576

Ion Ratio Lower Upper

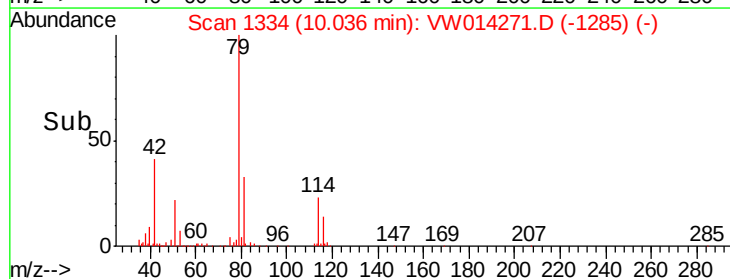
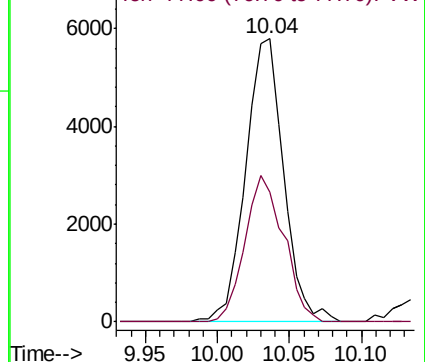
75 100

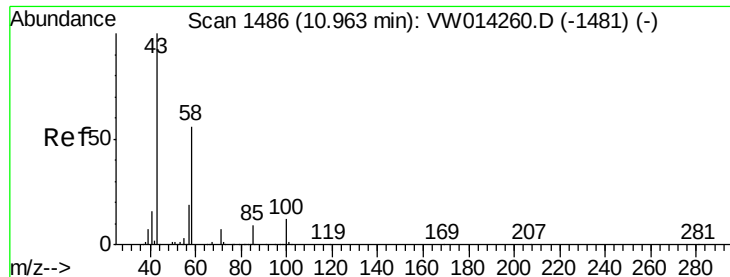
77 45.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.694 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014271.D

Acq: 09 Dec 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

C0BT1

Tgt Ion: 43 Resp: 27332

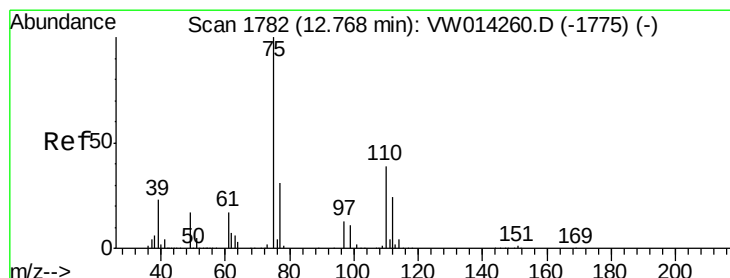
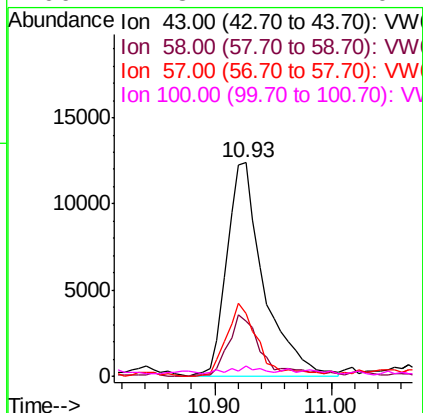
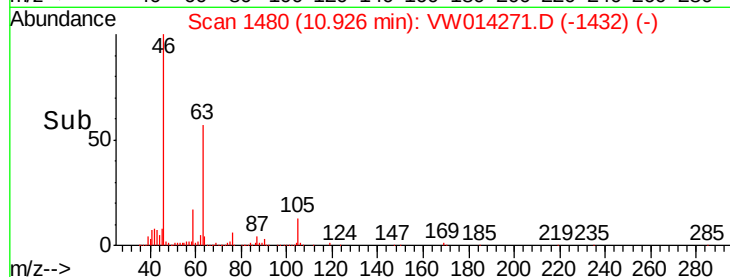
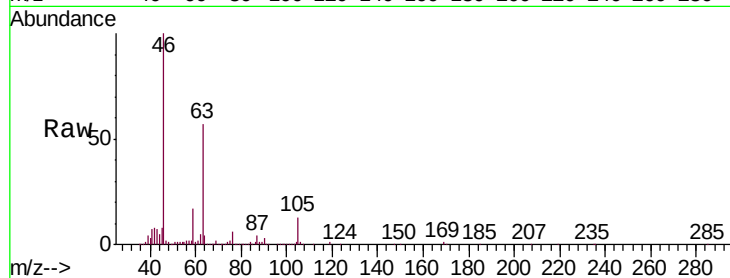
Ion Ratio Lower Upper

43 100

58 22.4 44.4 66.6#

57 26.2 16.5 24.7#

100 2.8 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.515 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014271.D

Acq: 09 Dec 2019 18:03

Tgt Ion: 75 Resp: 38287

Ion Ratio Lower Upper

75 100

77 34.8 25.9 38.9

