

Data File : VW014394.D
Acq On : 17 Dec 2019 15:56
Operator : SY/VA
Sample : K6277-11RE
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C71RE

Quant Time: Dec 18 01:41:41 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	928210	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649059	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	139279	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	294845	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	258600	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
10) 1,1-Dichloroethene-d2	4.02	63	411325	16.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.28%
20) 2-Butanone-d5	7.07	46	148271	40.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.96%
24) Chloroform-d	7.65	84	643127	27.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.84%
26) 1,2-Dichloroethane-d4	8.31	65	320534	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	1261045	33.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.60%
33) 1,2-Dichloropropane-d6	9.27	67	424471	36.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.08%#
37) Toluene-d8	10.32	98	966374	28.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.36%
38) trans-1,3-Dichloropropene-	10.57	79	98467	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.92	63	105696	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272607	28.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	172907	32.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.96%#

Target Compounds

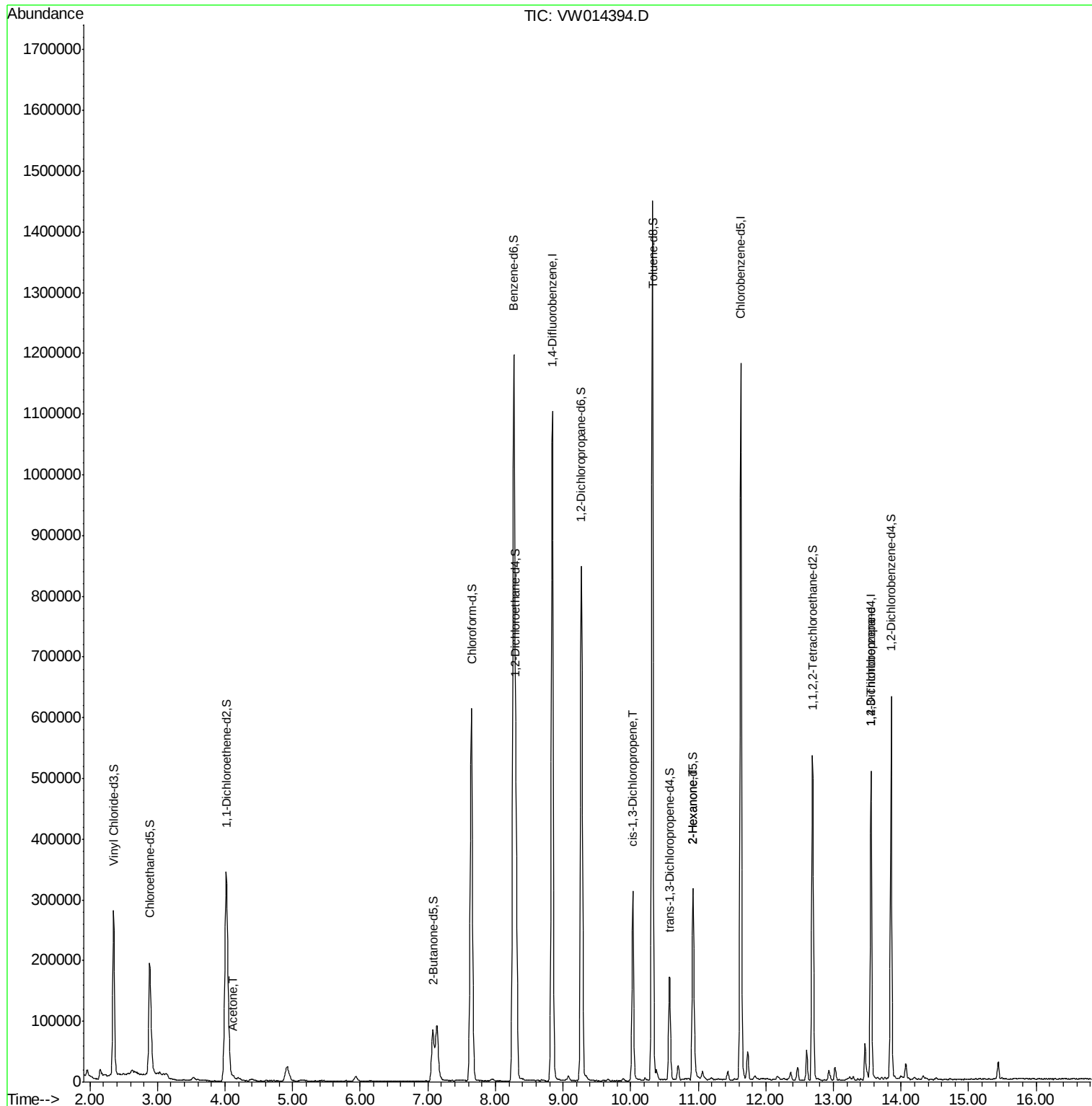
					Qvalue
13) Acetone	4.12	43	10128	2.868 ug/L	66
42) cis-1,3-Dichloropropene	10.03	75	6755	0.427 ug/L #	70
49) 2-Hexanone	10.92	43	13190	2.661 ug/L #	62
59) 1,2,3-Trichloropropane	13.55	75	16309	2.235 ug/L	90

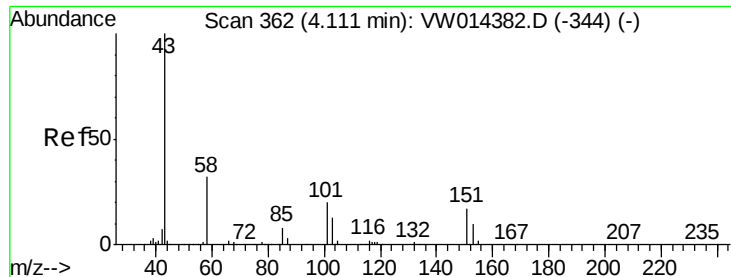
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.868 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Acq: 17 Dec 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

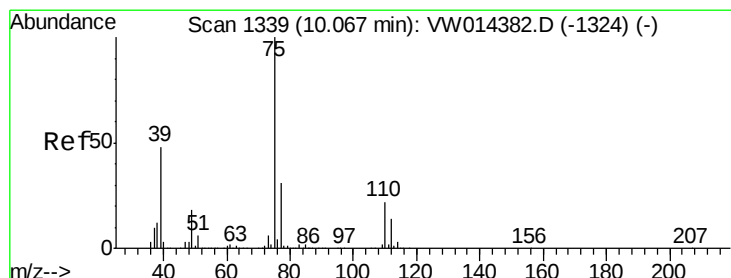
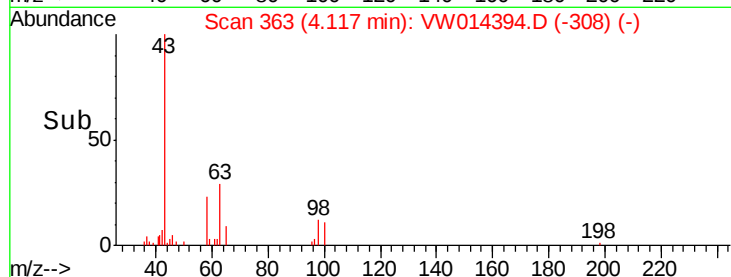
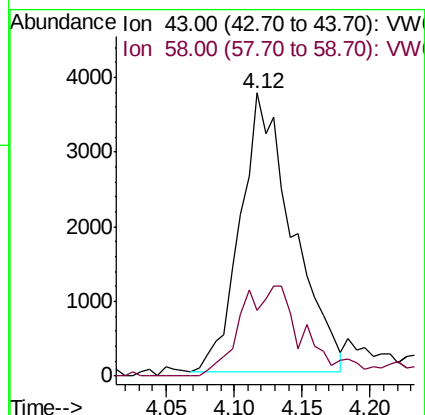
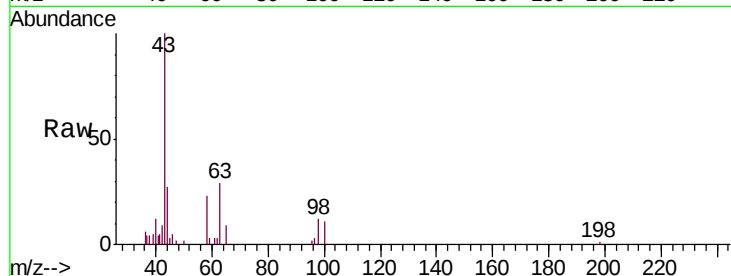
C0C71RE

Tgt Ion: 43 Resp: 10128

Ion Ratio Lower Upper

43 100

58 13.6 0.0 65.4



#42

cis-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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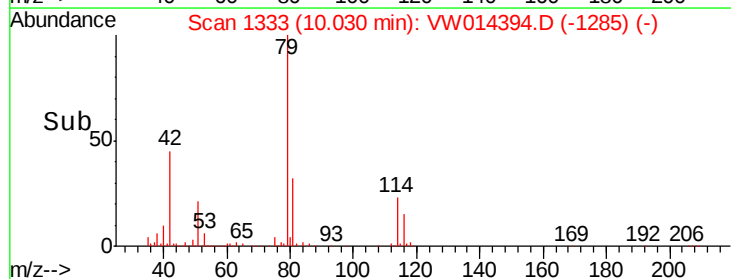
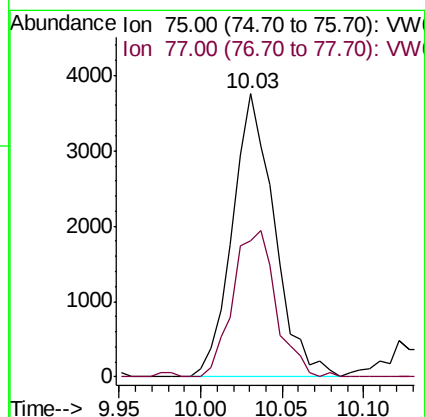
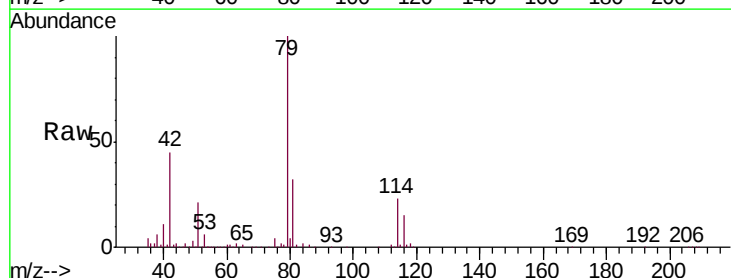
Acq: 17 Dec 2019 15:56

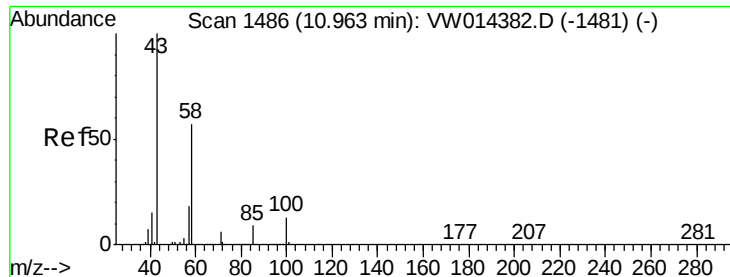
Tgt Ion: 75 Resp: 6755

Ion Ratio Lower Upper

75 100

77 48.3 22.1 41.1#





#49

2-Hexanone

Concen: 2.661 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014394.D

Acq: 17 Dec 2019 15:56

Instrument :

MSVOA_W

ClientSampled :

C0C71RE

Tgt Ion: 43 Resp: 13190

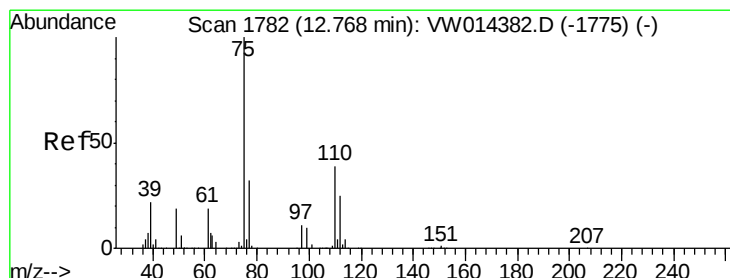
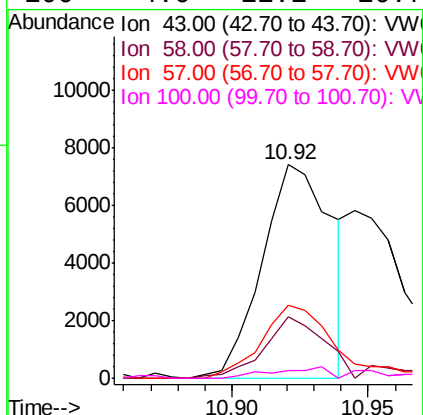
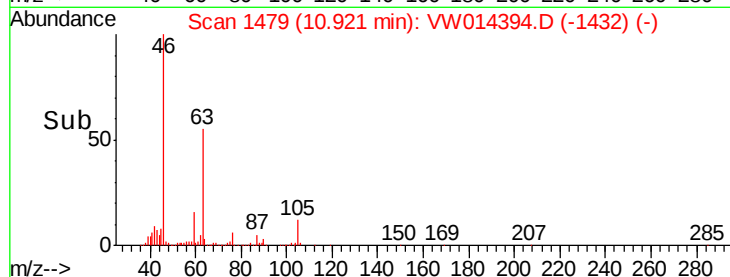
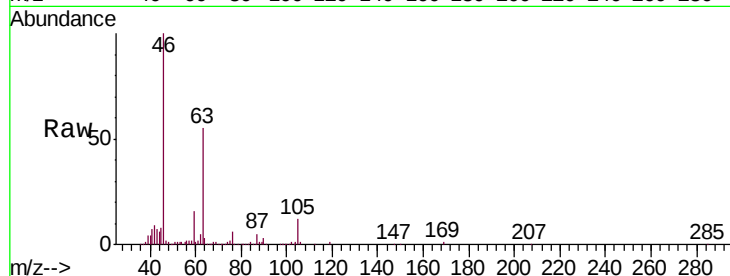
Ion Ratio Lower Upper

43 100

58 24.8 44.4 66.6#

57 36.4 16.5 24.7#

100 4.0 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 2.235 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014394.D

Acq: 17 Dec 2019 15:56

Tgt Ion: 75 Resp: 16309

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

