

Data File : VW014264.D
Acq On : 09 Dec 2019 14:58
Operator : SY/VA
Sample : K6172-12
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BW8

Quant Time: Dec 10 07:36:44 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	1207106	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1017698	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354545	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	407201	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	2.89	69	307512	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
10) 1,1-Dichloroethene-d2	4.02	63	544542	16.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.48%
20) 2-Butanone-d5	7.07	46	209297	43.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.88%
24) Chloroform-d	7.65	84	694479	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	385335	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	8.27	84	1468842	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.27	67	456233	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.44%
37) Toluene-d8	10.32	98	1255535	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.57	79	174008	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.92	63	158104	43.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	331001	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	320139	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

Target Compounds

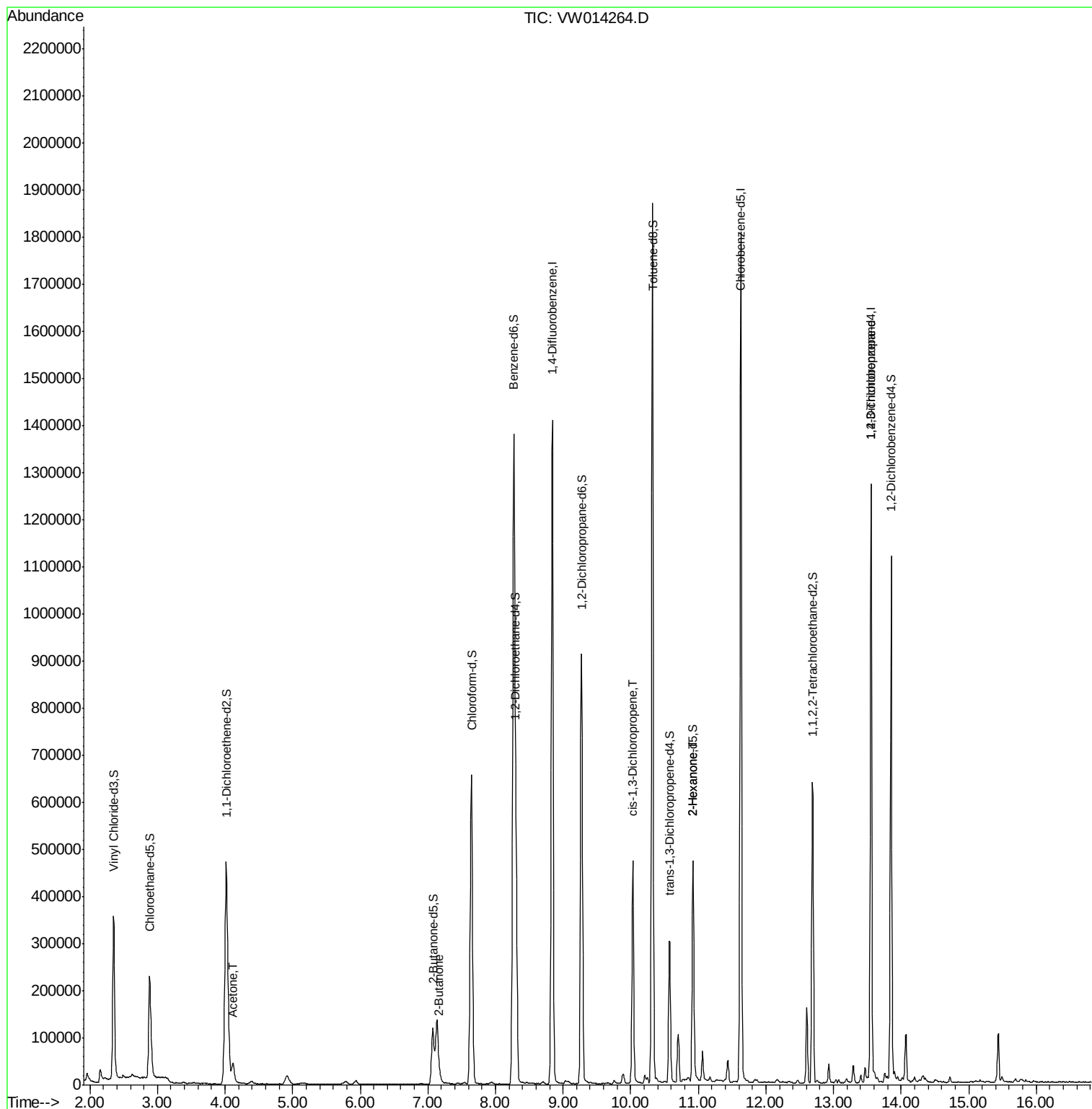
					Qvalue
13) Acetone	4.12	43	73756	16.060 ug/L	98
21) 2-Butanone	7.17	43	31261	5.070 ug/L	77
42) cis-1,3-Dichloropropene	10.03	75	10777	0.435 ug/L #	69
49) 2-Hexanone	10.92	43	19925	2.564 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	40289	3.521 ug/L	94

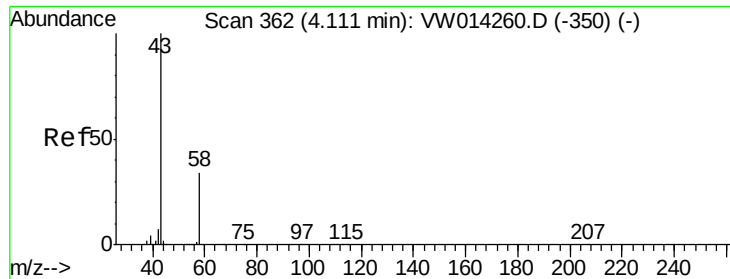
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.060 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

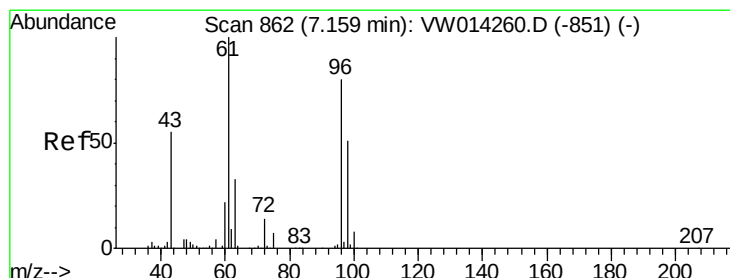
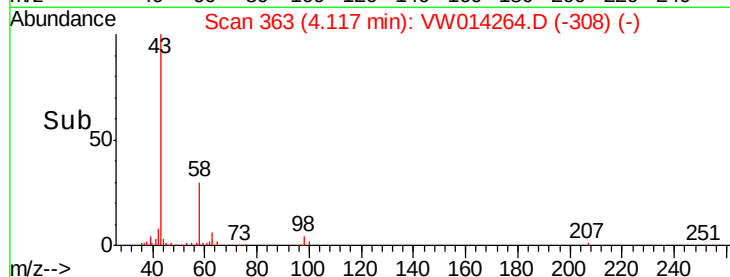
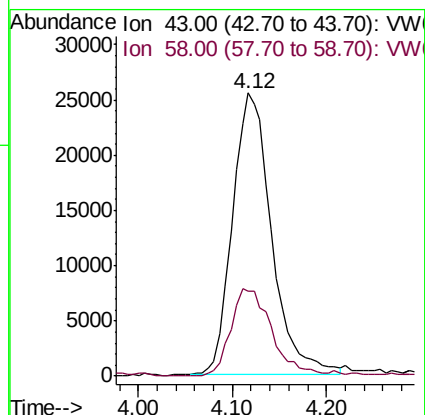
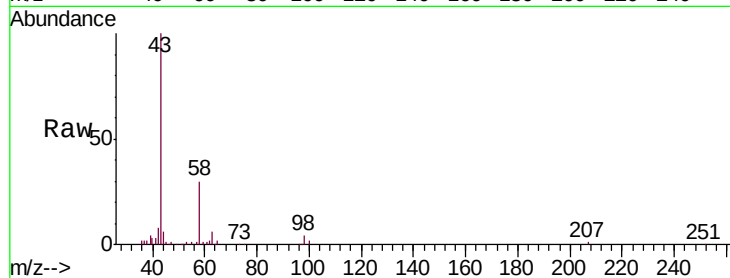
C0BW8

Tgt Ion: 43 Resp: 73756

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.4



#21

2-Butanone

Concen: 5.070 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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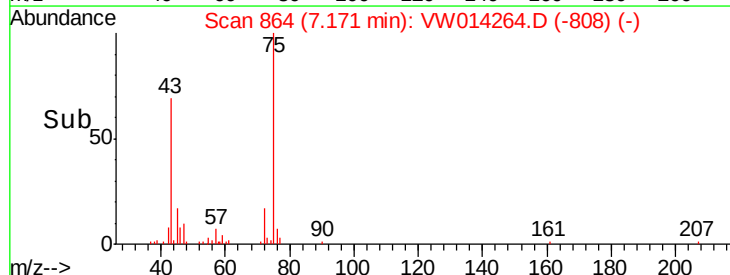
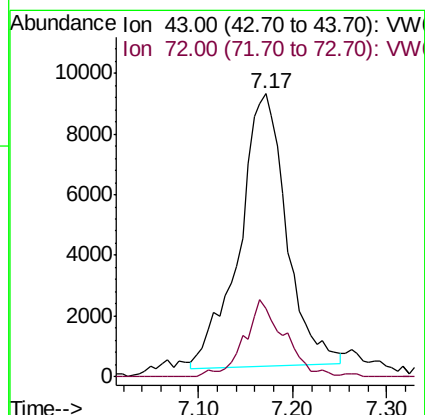
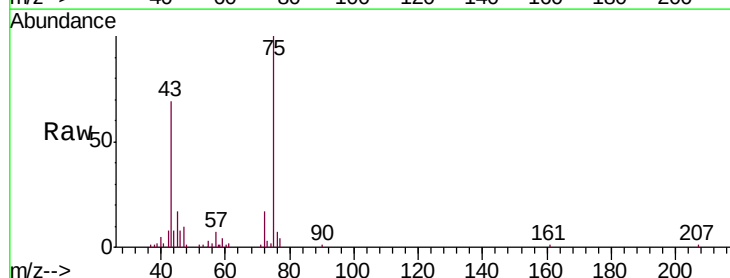
Acq: 09 Dec 2019 14:58

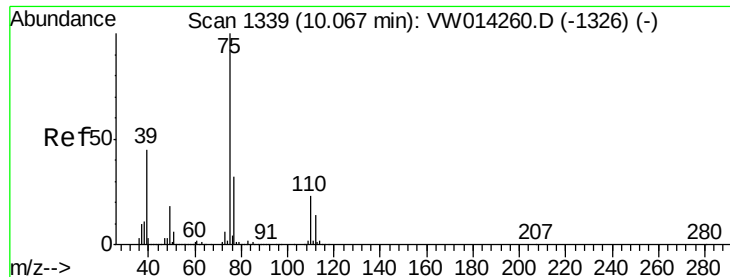
Tgt Ion: 43 Resp: 31261

Ion Ratio Lower Upper

43 100

72 16.1 14.1 42.2





#42

cis-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

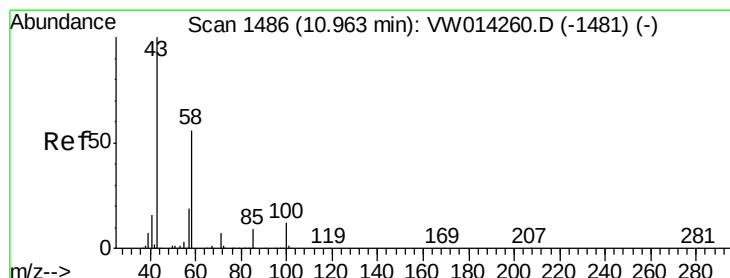
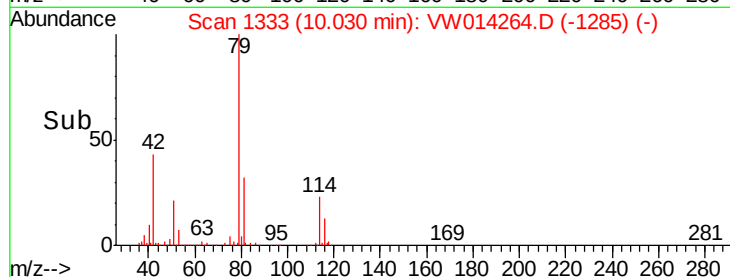
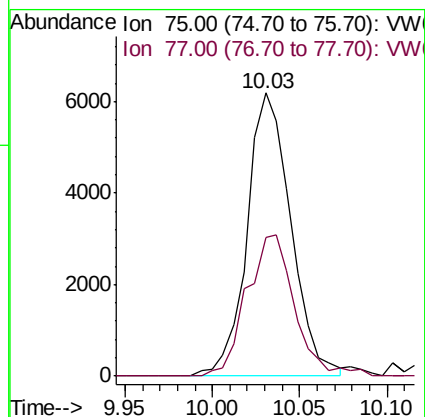
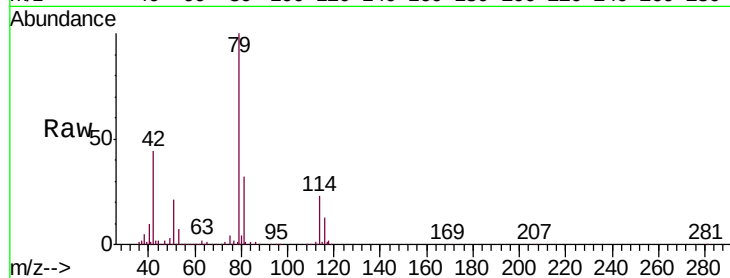
C0BW8

Tgt Ion: 75 Resp: 10777

Ion Ratio Lower Upper

75 100

77 48.9 22.1 41.1#



#49

2-Hexanone

Concen: 2.564 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Acq: 09 Dec 2019 14:58

Tgt Ion: 43 Resp: 19925

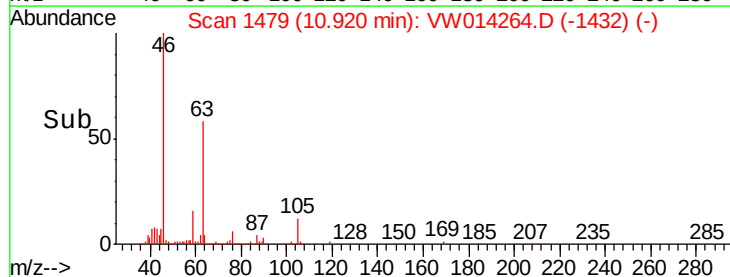
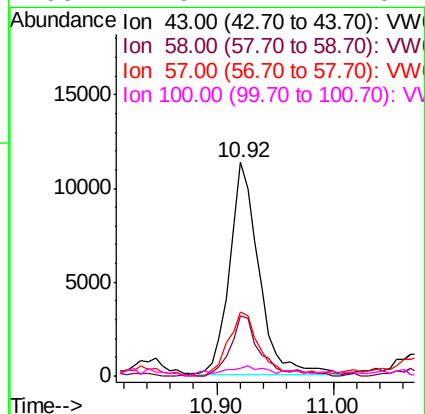
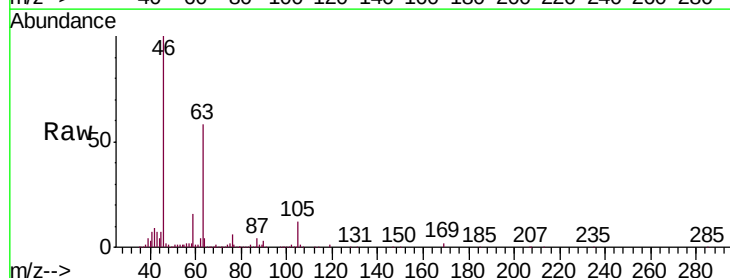
Ion Ratio Lower Upper

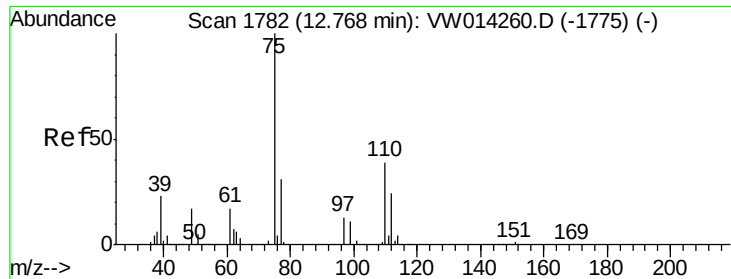
43 100

58 27.0 44.4 66.6#

57 30.3 16.5 24.7#

100 1.9 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 3.521 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Acq: 09 Dec 2019 14:58

Instrument :

MSVOA_W

ClientSampleId :

C0BW8

Tgt Ion: 75 Resp: 40289

Ion Ratio Lower Upper

75 100

77 36.0 25.9 38.9

