

Data File : VW014268.D
Acq On : 09 Dec 2019 16:44
Operator : SY/VA
Sample : K6172-02RE
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS8

Quant Time: Dec 10 07:37:14 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	1101624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	919432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	298312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	400234	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
7) Chloroethane-d5	2.89	69	305920	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	4.01	63	541271	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.48%
20) 2-Butanone-d5	7.07	46	247854	57.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.04%
24) Chloroform-d	7.79	84	189	0.01	ug/L	0.15
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.30	65	395097	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	8.27	84	1473773	27.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.40%
33) 1,2-Dichloropropane-d6	9.27	67	466185	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.48%
37) Toluene-d8	10.32	98	1247638	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	10.57	79	176181	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.32%
39) 2-Hexanone-d5	10.92	63	180273	54.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	363995	26.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	302230	26.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.04%

Target Compounds

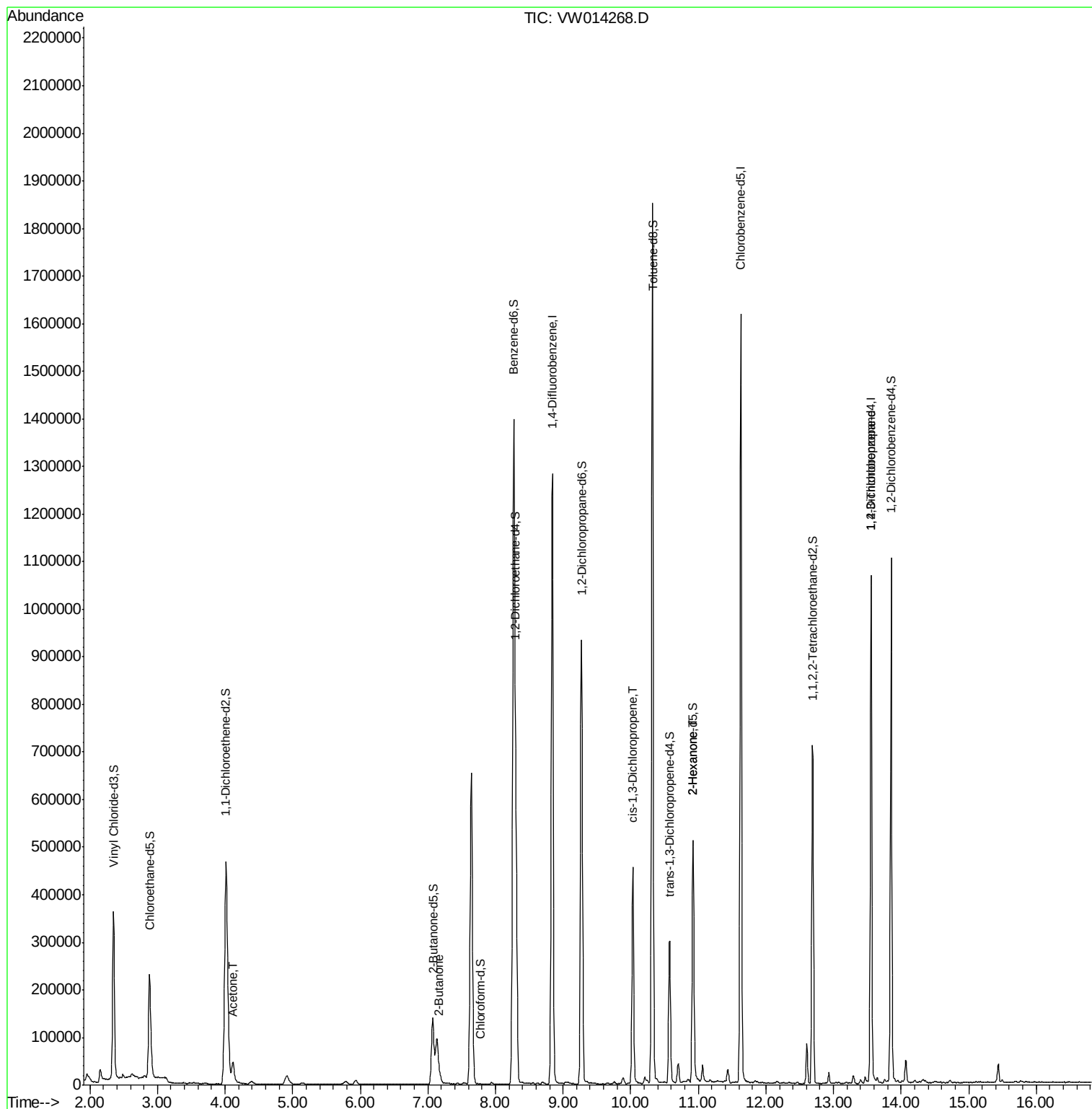
					Qvalue
13) Acetone	4.12	43	76423	18.234	ug/L 100
21) 2-Butanone	7.16	43	31791	5.650	ug/L 89
42) cis-1,3-Dichloropropene	10.03	75	10660	0.476	ug/L # 44
49) 2-Hexanone	10.92	43	22568	3.214	ug/L # 63
59) 1,2,3-Trichloropropane	13.55	75	35018	3.388	ug/L 97

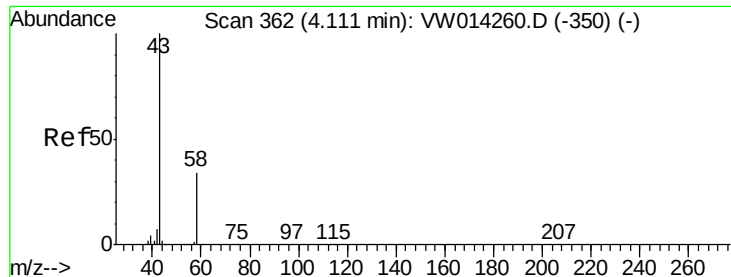
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.234 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

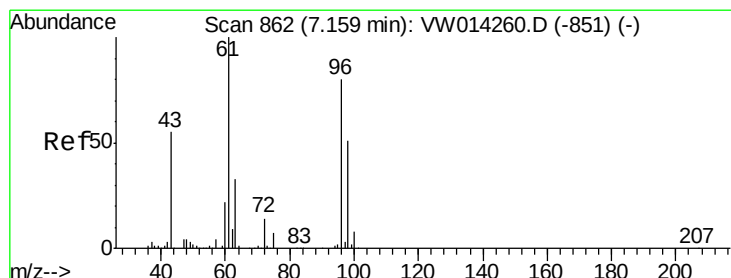
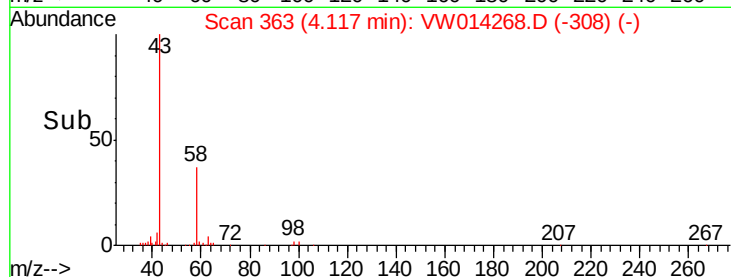
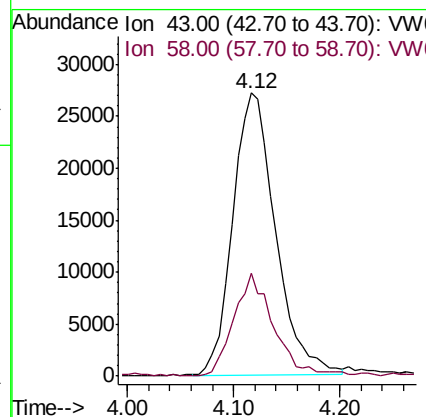
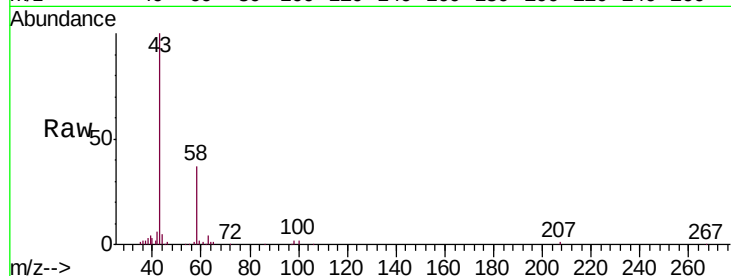
C0BS8

Tgt Ion: 43 Resp: 76423

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#21

2-Butanone

Concen: 5.650 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

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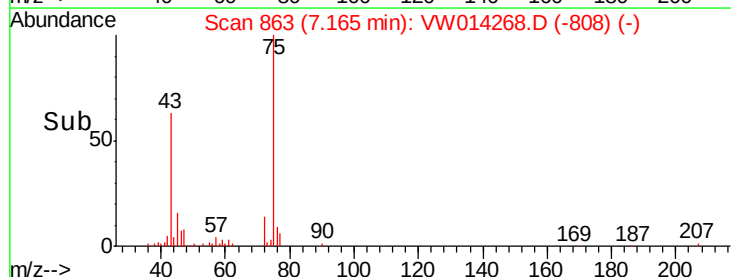
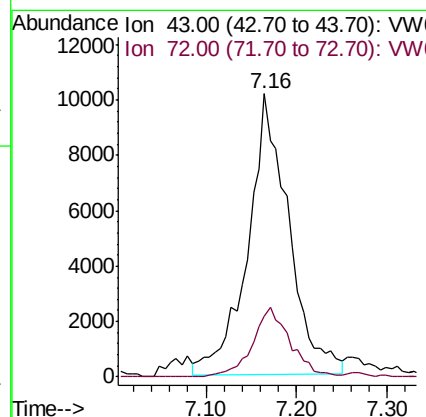
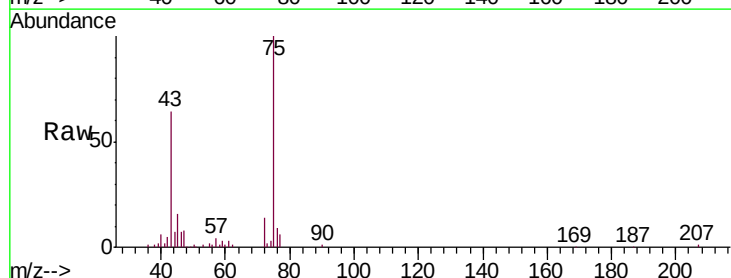
Acq: 09 Dec 2019 16:44

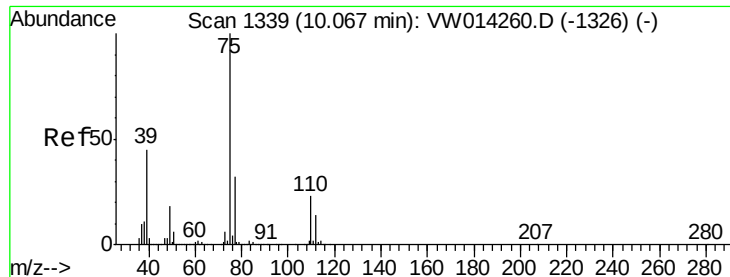
Tgt Ion: 43 Resp: 31791

Ion Ratio Lower Upper

43 100

72 22.3 14.1 42.2





#42

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

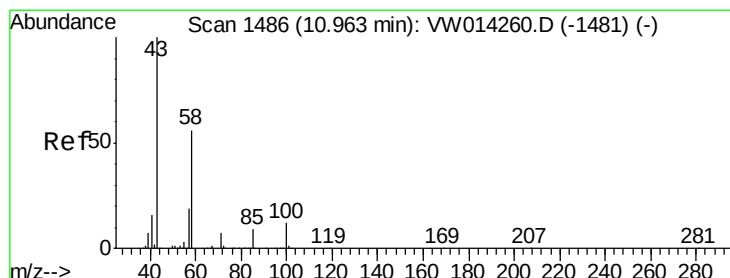
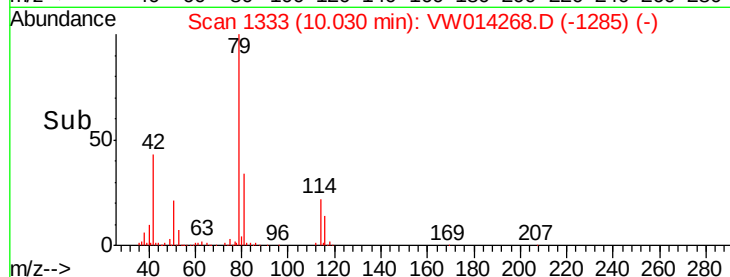
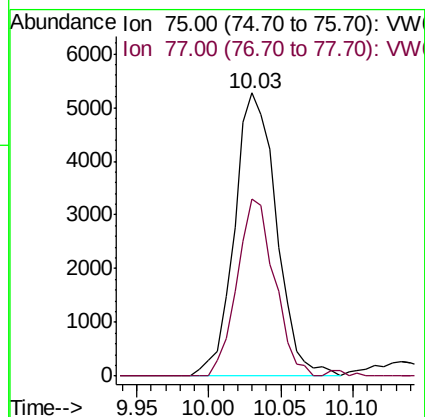
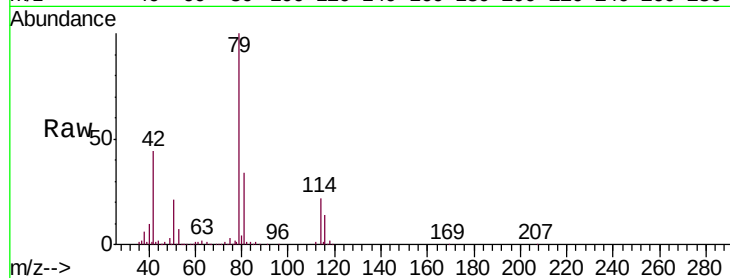
C0BS8

Tgt Ion: 75 Resp: 10660

Ion Ratio Lower Upper

75 100

77 62.6 22.1 41.1#



#49

2-Hexanone

Concen: 3.214 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Acq: 09 Dec 2019 16:44

Tgt Ion: 43 Resp: 22568

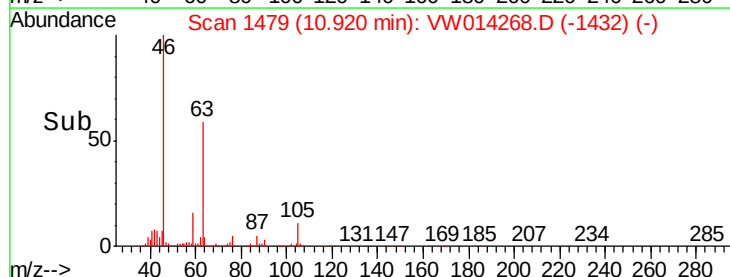
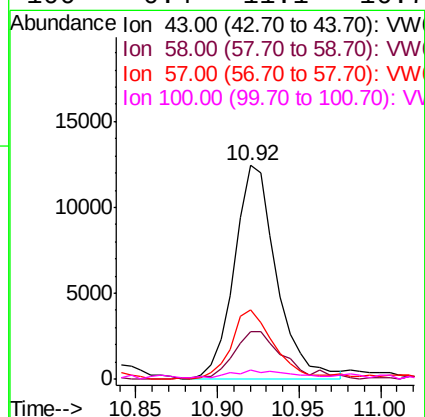
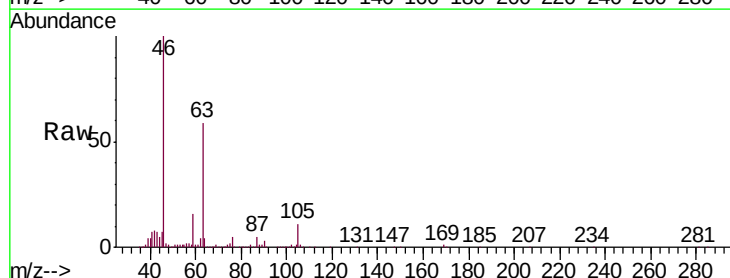
Ion Ratio Lower Upper

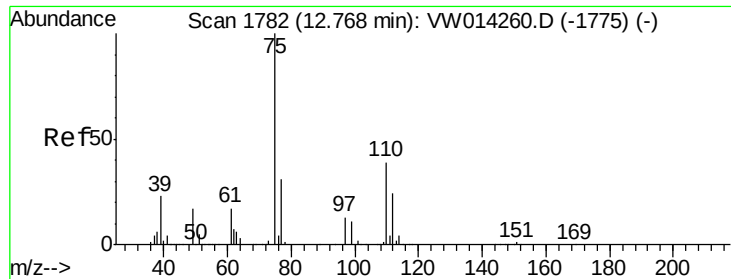
43 100

58 24.7 44.4 66.6#

57 31.4 16.5 24.7#

100 0.4 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 3.388 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Acq: 09 Dec 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

C0BS8

Tgt Ion: 75 Resp: 35018

Ion Ratio Lower Upper

75 100

77 34.1 25.9 38.9

