

Data File : VW014262.D
Acq On : 09 Dec 2019 14:05
Operator : SY/VA
Sample : K6172-08
Misc : 5.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT7

Quant Time: Dec 10 07:36:30 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	1278187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1077598	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	406781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	443180	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.89	69	345145	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	4.01	63	605570	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.07	46	208479	41.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.66%
24) Chloroform-d	7.64	84	757690	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	399432	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.64%
29) Benzene-d6	8.27	84	1612588	25.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.12%
33) 1,2-Dichloropropane-d6	9.27	67	503212	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	10.32	98	1407578	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.57	79	177898	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.28%
39) 2-Hexanone-d5	10.92	63	153151	39.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	347869	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	408615	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

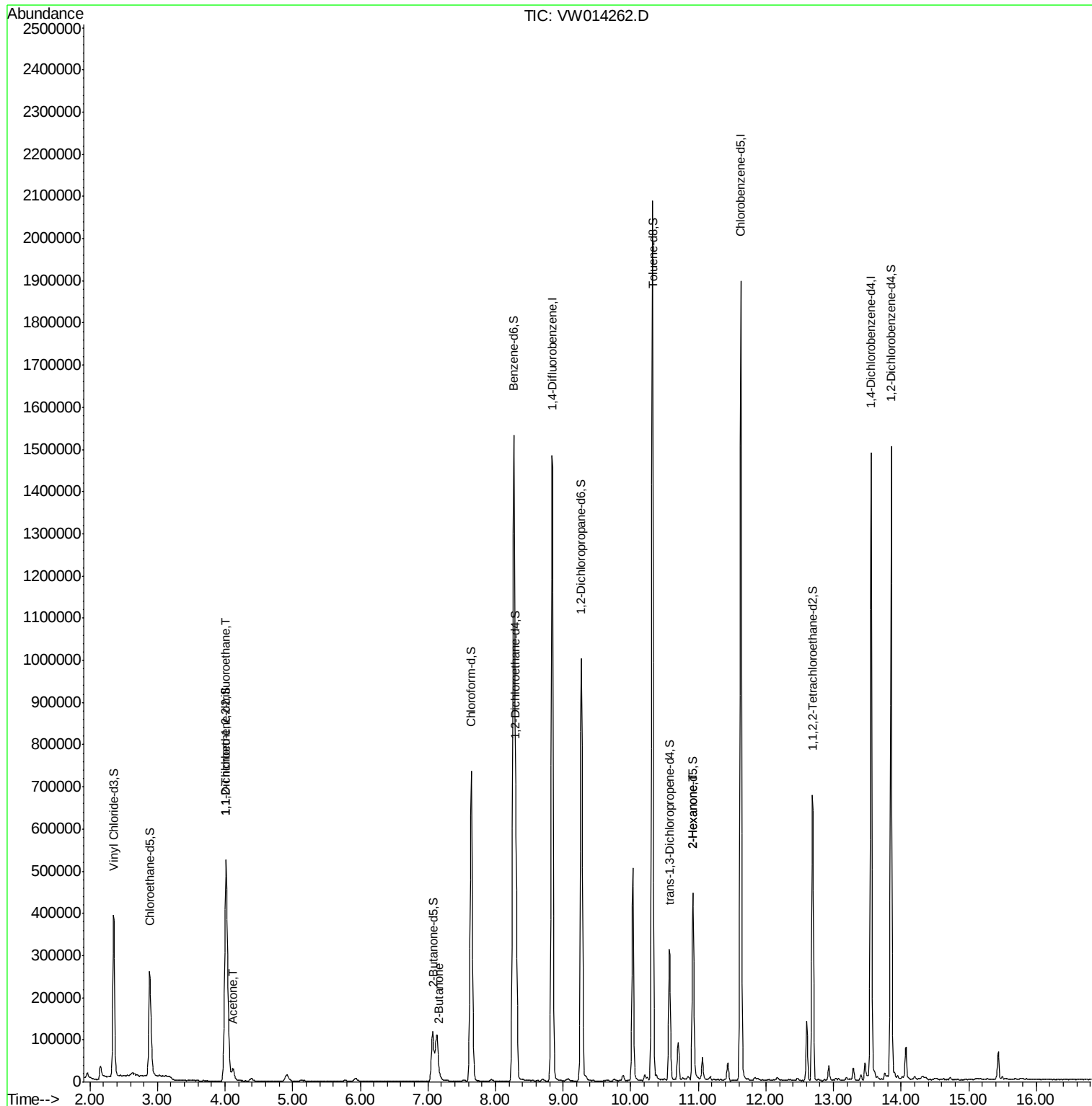
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	6091	0.361	ug/L #	18
13) Acetone	4.12	43	45964	9.452	ug/L	98
21) 2-Butanone	7.17	43	16386	2.510	ug/L	94
49) 2-Hexanone	10.93	43	19719	2.396	ug/L #	64

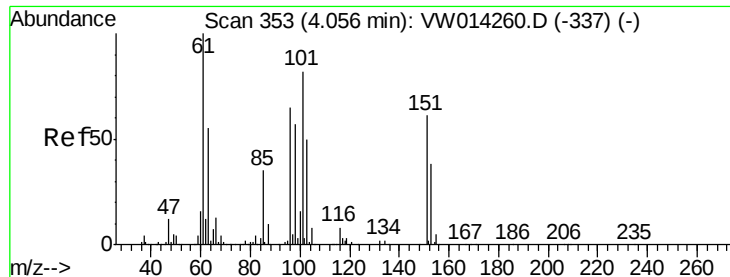
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.361 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

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MSVOA_W

ClientSampleId :

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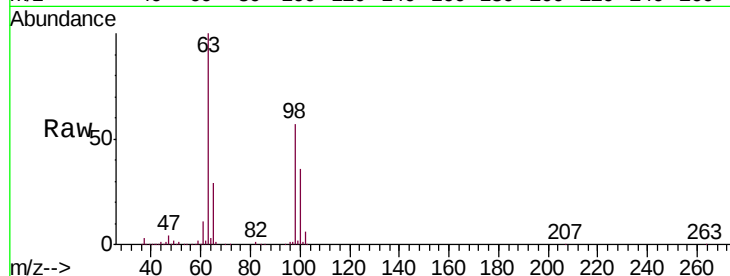
Tgt Ion:101 Resp: 6091

Ion Ratio Lower Upper

101 100

85 1.2 31.4 47.2#

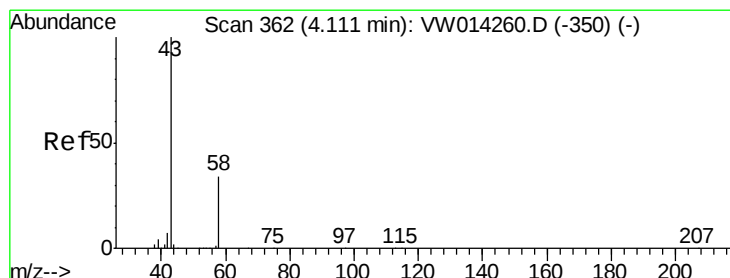
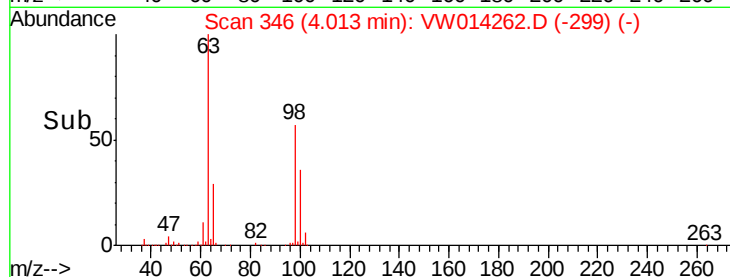
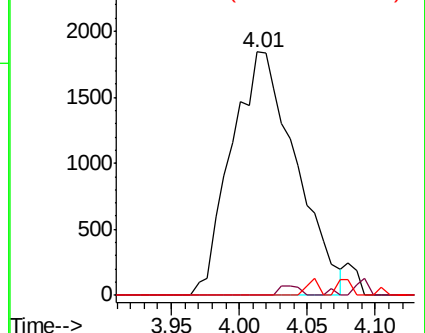
151 1.2 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 9.452 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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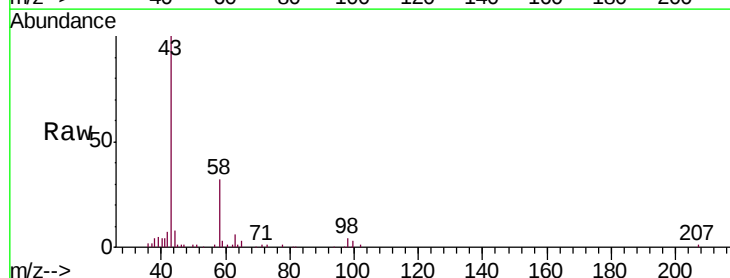
Acq: 09 Dec 2019 14:05

Tgt Ion: 43 Resp: 45964

Ion Ratio Lower Upper

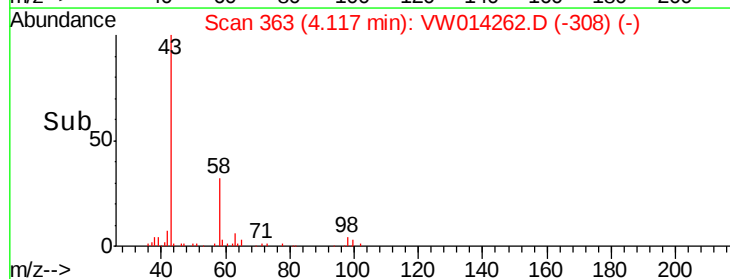
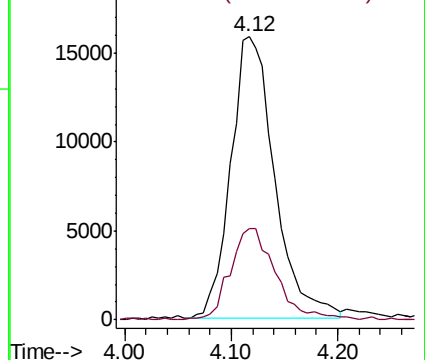
43 100

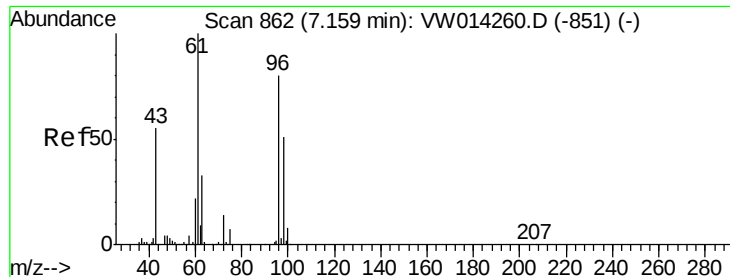
58 33.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 2.510 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

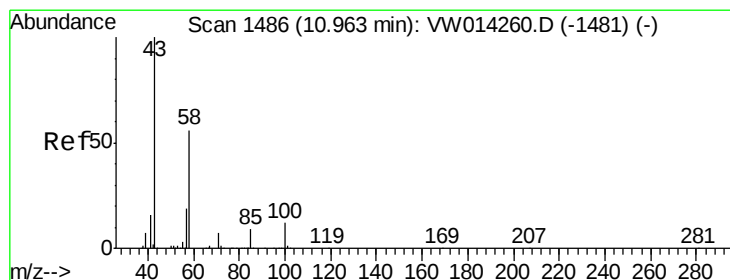
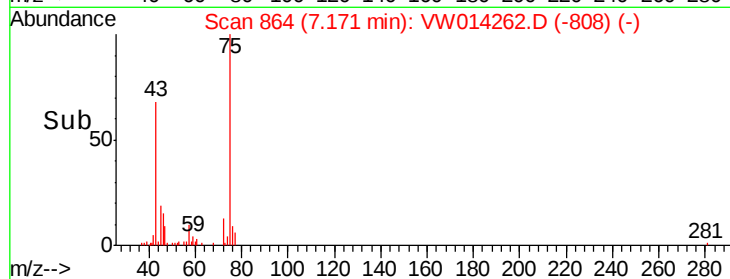
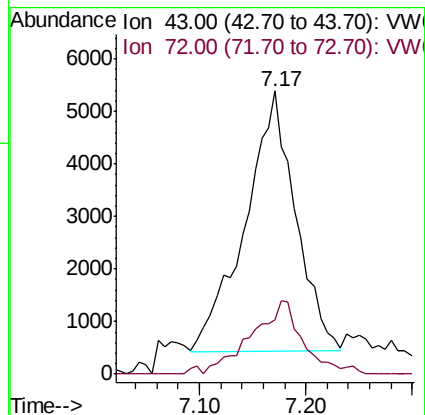
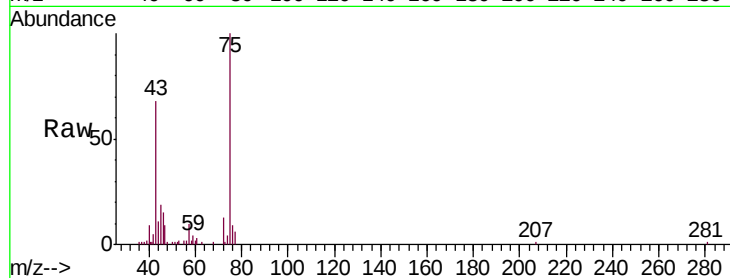
C0BT7

Tgt Ion: 43 Resp: 16386

Ion Ratio Lower Upper

43 100

72 24.7 14.1 42.2



#49

2-Hexanone

Concen: 2.396 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014262.D

Acq: 09 Dec 2019 14:05

Tgt Ion: 43 Resp: 19719

Ion Ratio Lower Upper

43 100

58 25.4 44.4 66.6#

57 31.5 16.5 24.7#

100 1.8 11.1 16.7#

