

Data File : VW011904.D
Acq On : 13 Aug 2019 19:10
Operator : SY/VA
Sample : K4215-18RE
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOD3

Quant Time: Aug 14 05:00:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312835	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81931	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
7) Chloroethane-d5	2.89	69	66971	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
10) 1,1-Dichloroethene-d2	4.02	63	148807	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.08	46	93453	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	7.65	84	196608	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	8.30	65	126270	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.27	84	385557	23.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%
33) 1,2-Dichloropropane-d6	9.27	67	133405	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.32	98	319847	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	49861	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	60903	48.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109914	24.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	96596	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

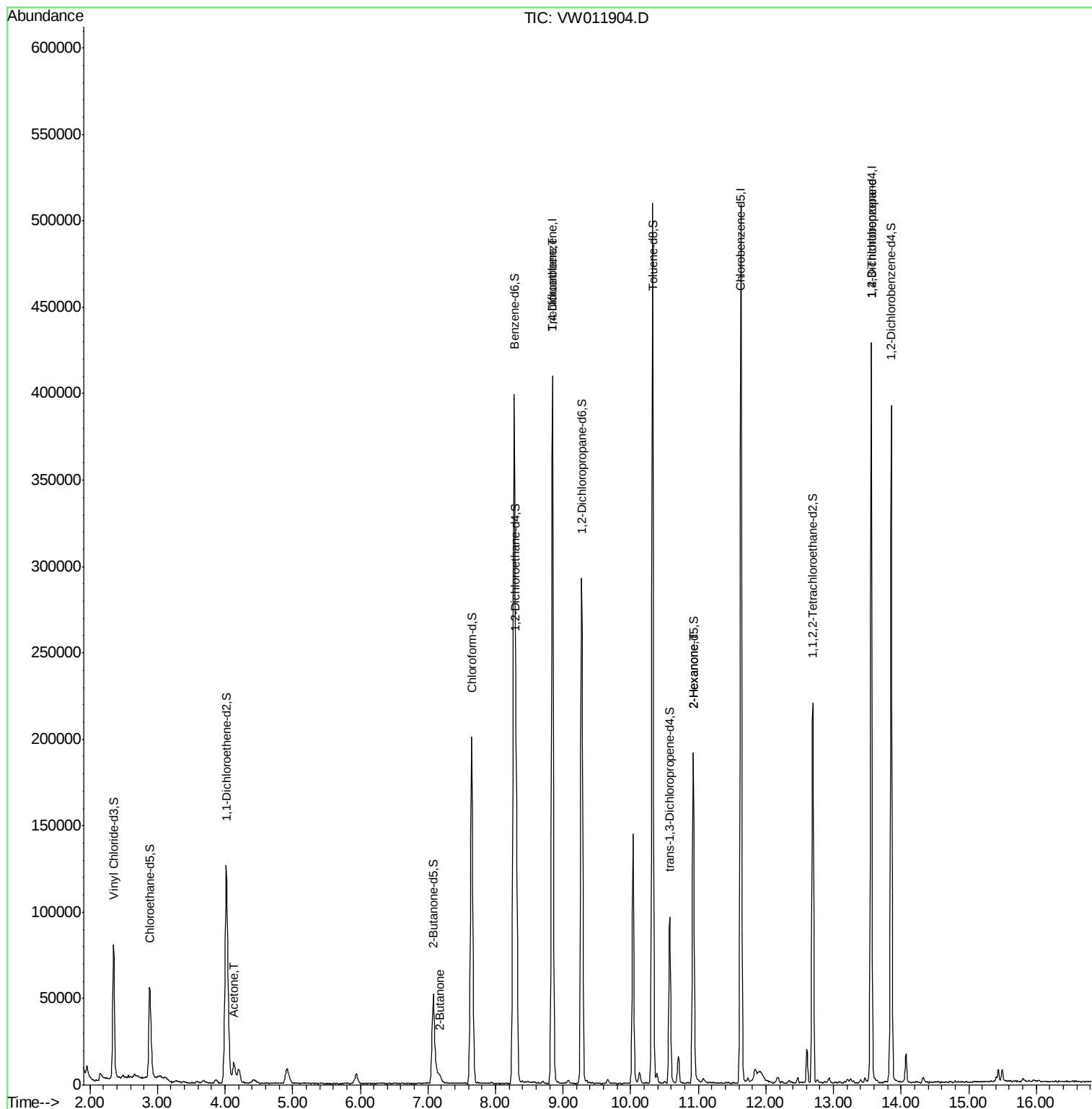
					Qvalue
13) Acetone	4.13	43	20003	9.416 ug/L	99
21) 2-Butanone	7.18	43	4761	1.788 ug/L	86
35) Trichloroethene	8.84	95	9775	2.081 ug/L #	6
49) 2-Hexanone	10.93	43	9900	2.872 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	14346	4.157 ug/L	93

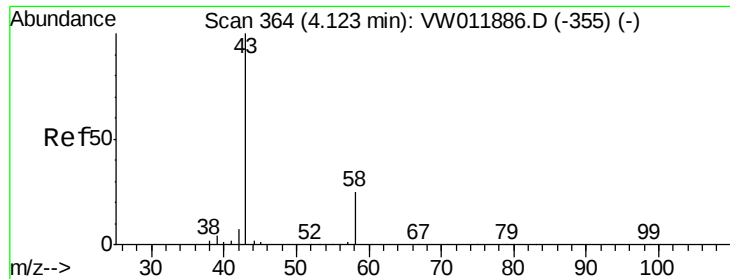
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.416 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 13 Aug 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

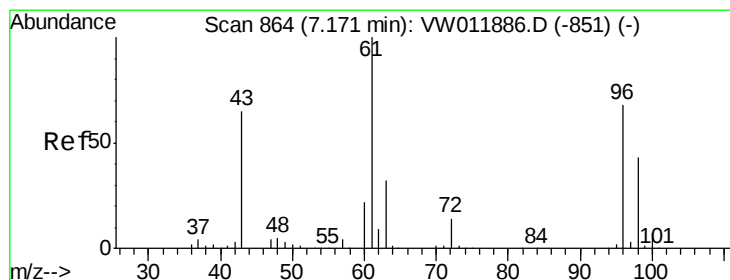
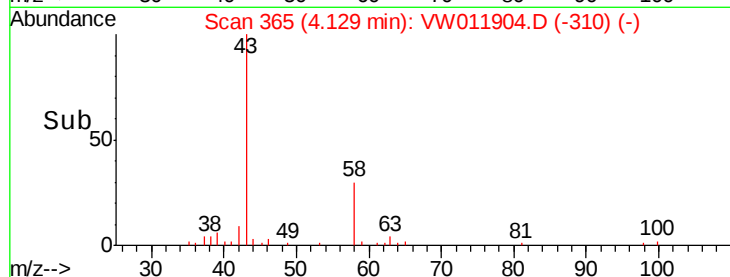
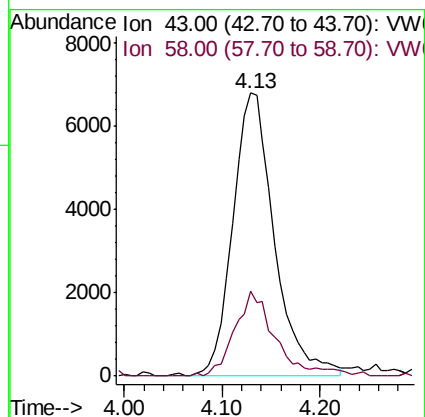
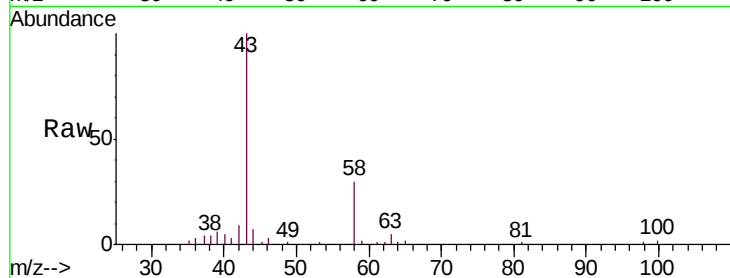
ETOD3

Tgt Ion: 43 Resp: 20003

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.4



#21

2-Butanone

Concen: 1.788 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

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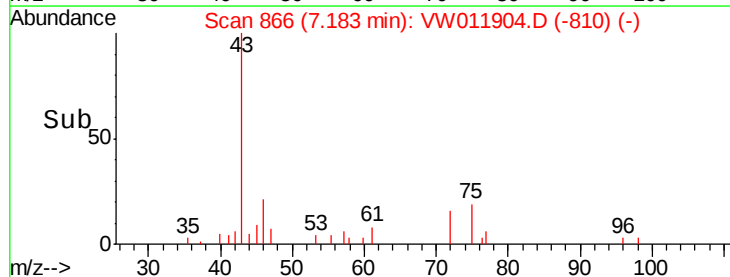
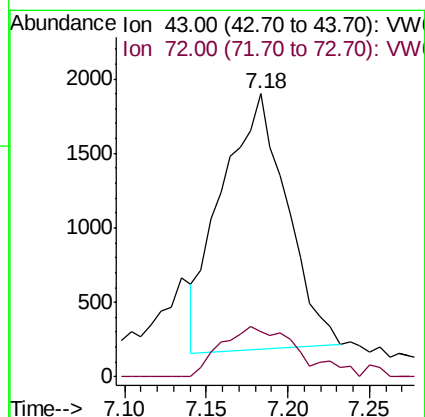
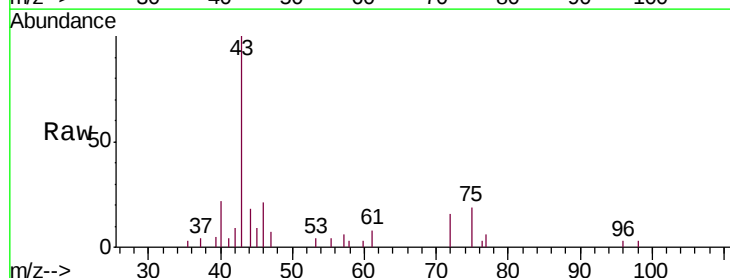
Acq: 13 Aug 2019 19:10

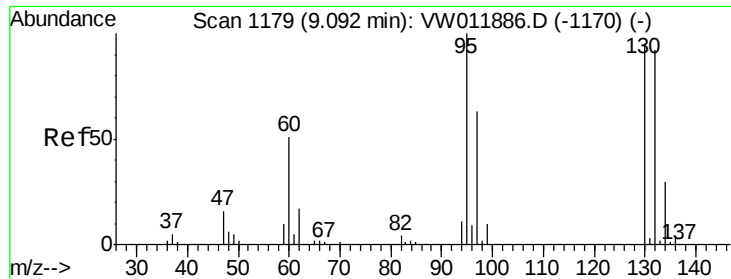
Tgt Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

72 14.7 10.7 32.1





#35

Trichloroethene

Concen: 2.081 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

ETOD3

Tgt Ion: 95 Resp: 9775

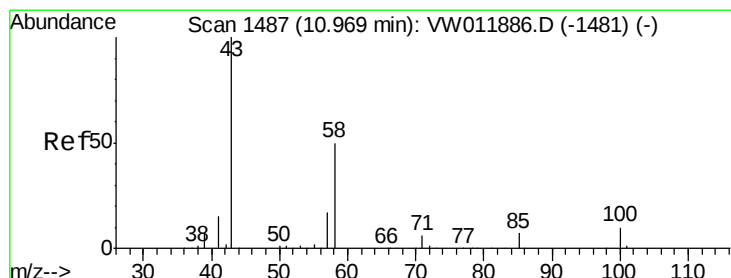
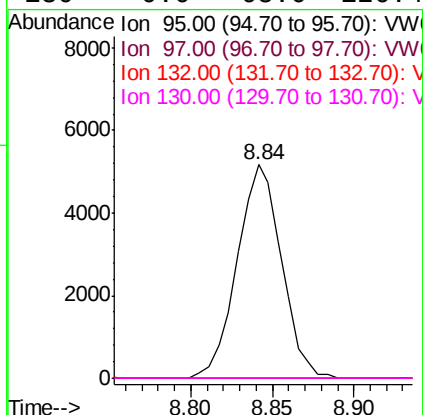
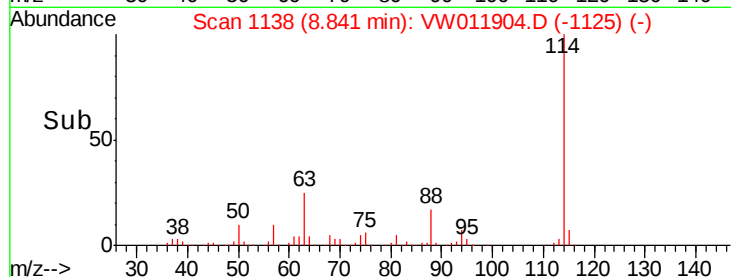
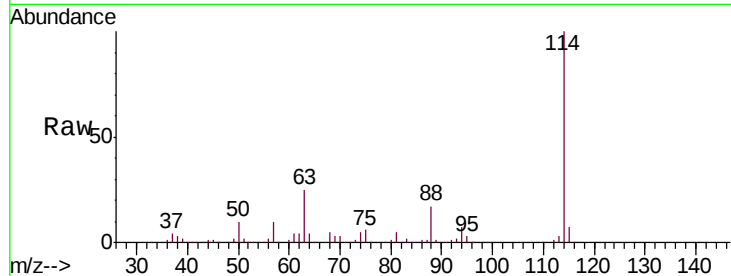
Ion Ratio Lower Upper

95 100

97 0.5 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#



#49

2-Hexanone

Concen: 2.872 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 13 Aug 2019 19:10

Tgt Ion: 43 Resp: 9900

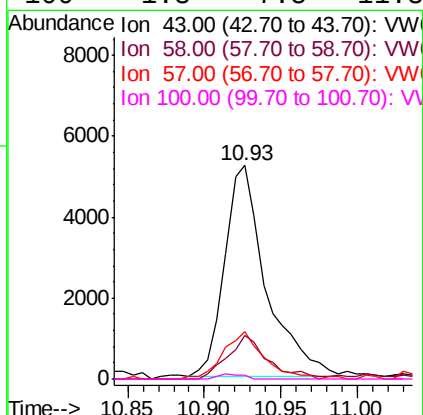
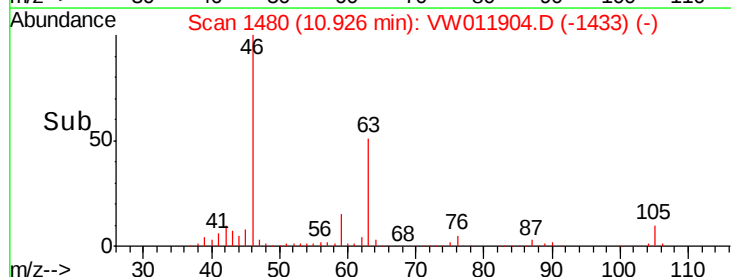
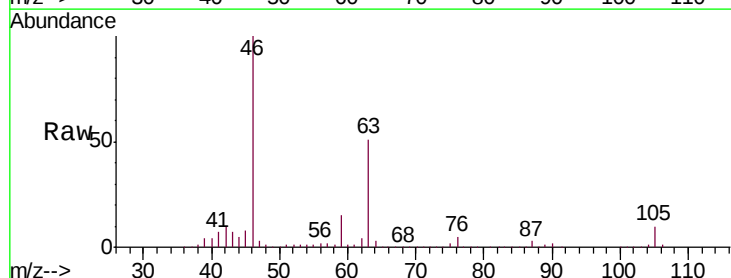
Ion Ratio Lower Upper

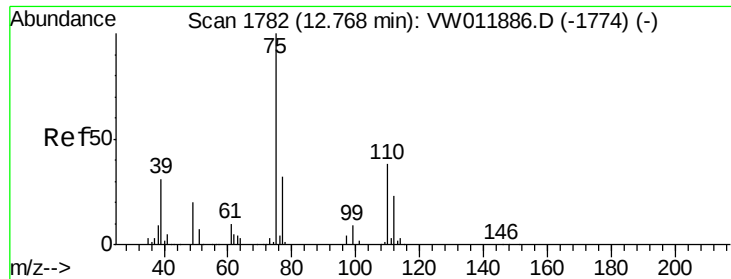
43 100

58 18.4 38.6 57.8#

57 21.6 13.0 19.6#

100 1.3 7.5 11.3#





#59

1,2,3-Trichloropropane

Concen: 4.157 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011904.D

Acq: 13 Aug 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

ETOD3

Tgt Ion: 75 Resp: 14346

Ion Ratio Lower Upper

75 100

77 35.3 25.1 37.7

