

Data File : VW011900.D
Acq On : 13 Aug 2019 17:26
Operator : SY/VA
Sample : K4215-13RE
Misc : 5.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC4RE

Quant Time: Aug 14 04:59:43 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	258582	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	201312	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69316	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77665	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.32%
7) Chloroethane-d5	2.89	69	63884	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
10) 1,1-Dichloroethene-d2	4.02	63	132435	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	7.08	46	84706	51.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.32%
24) Chloroform-d	7.65	84	170178	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.42	65	83	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	334194	26.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.60%
33) 1,2-Dichloropropane-d6	9.27	67	115094	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.64%
37) Toluene-d8	10.32	98	260281	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.58	79	41603	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.92%
39) 2-Hexanone-d5	10.93	63	52088	54.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89503	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	66690	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

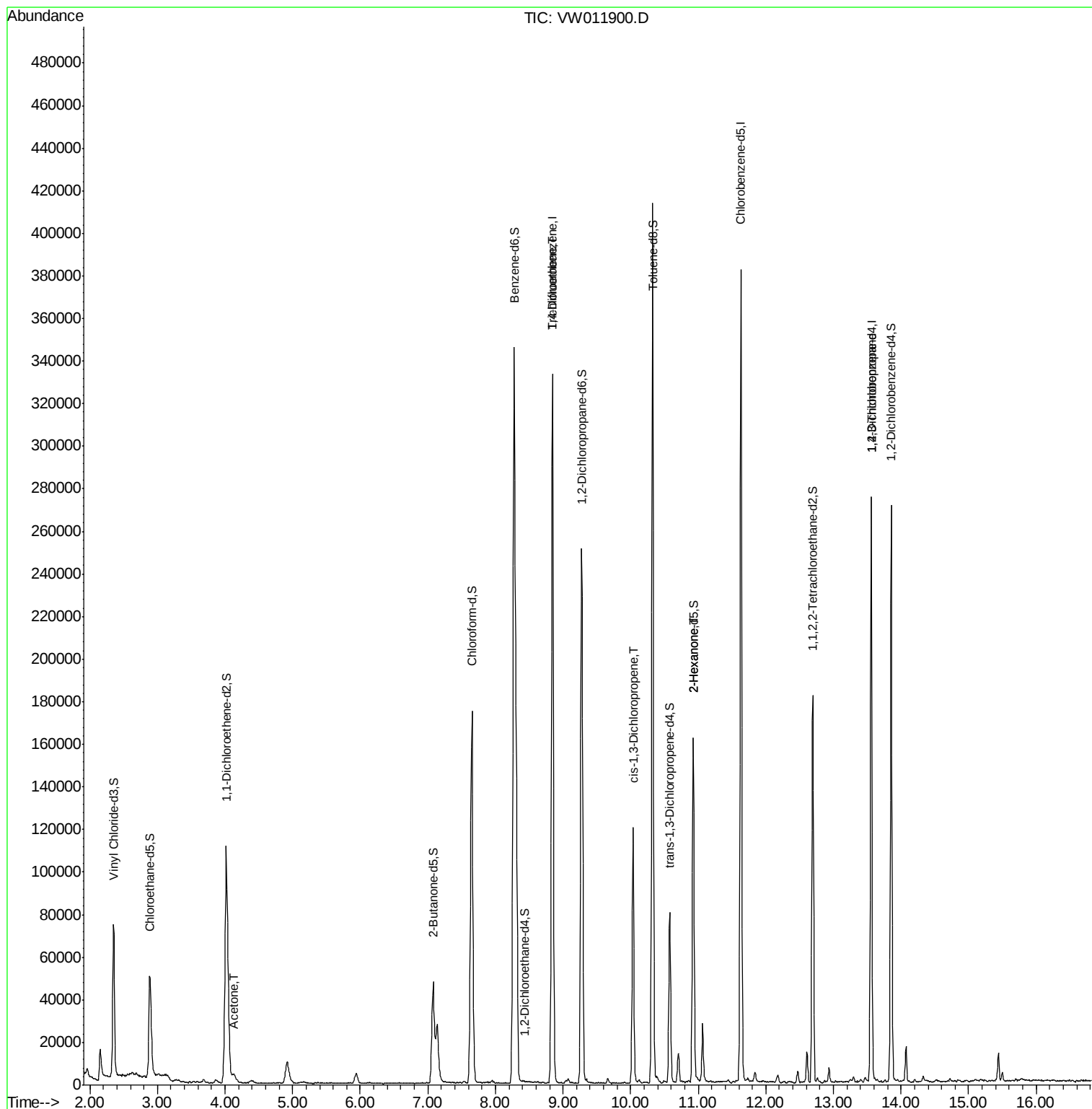
					Qvalue
13) Acetone	4.13	43	5359	3.052 ug/L	99
35) Trichloroethene	8.84	95	8459	2.362 ug/L #	6
42) cis-1,3-Dichloropropene	10.03	75	3092	0.549 ug/L #	78
49) 2-Hexanone	10.93	43	7464	2.839 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	9300	3.534 ug/L	90

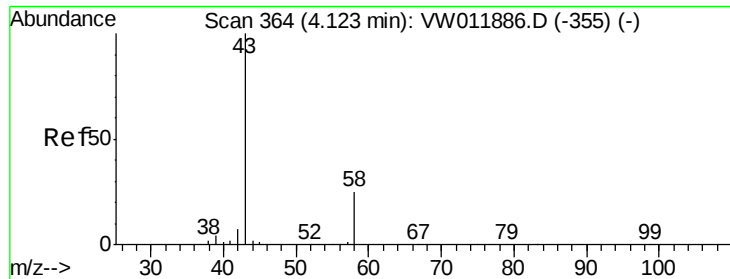
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.052 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 13 Aug 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

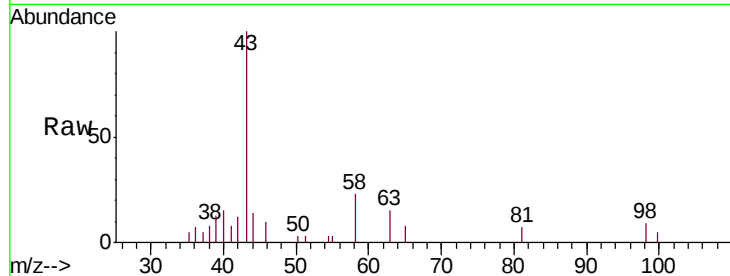
ETOC4RE

Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

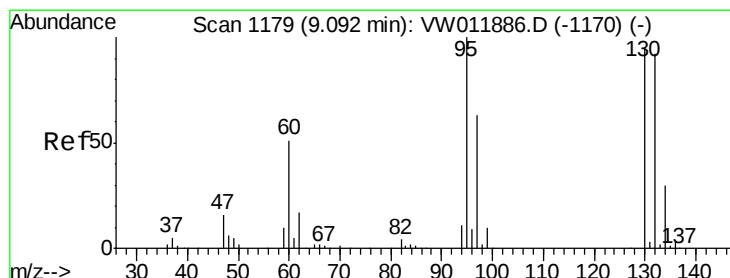
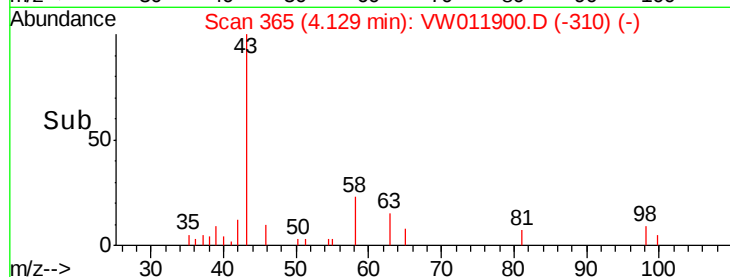
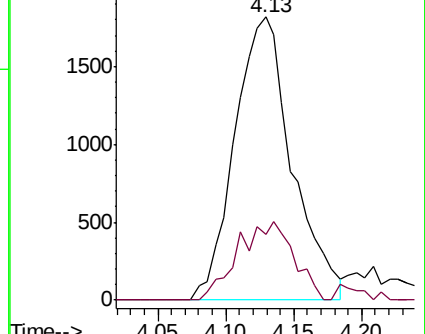
43 100

58 27.0 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.362 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 13 Aug 2019 17:26

Tgt Ion: 95 Resp: 8459

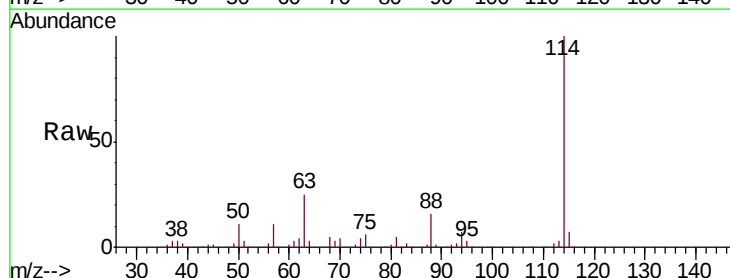
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

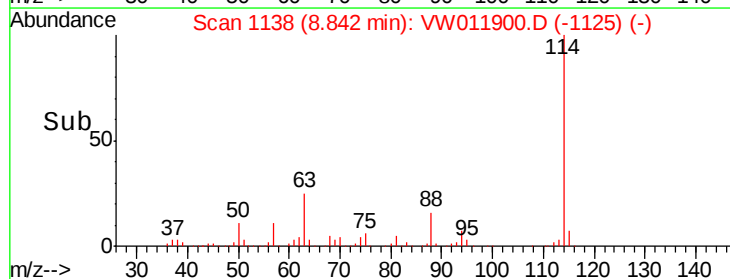
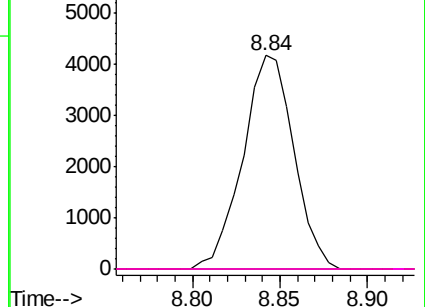


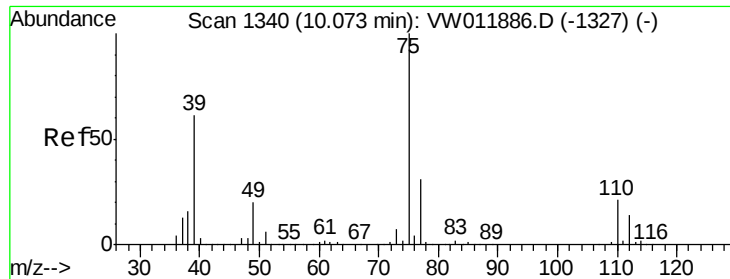
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

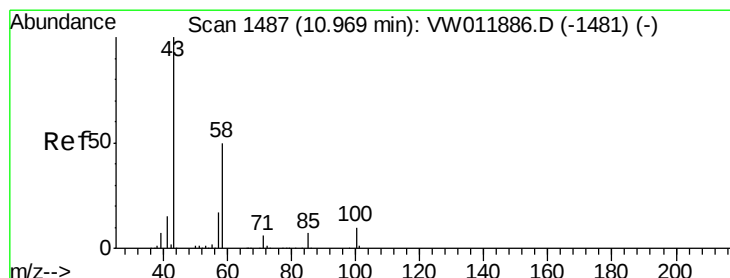
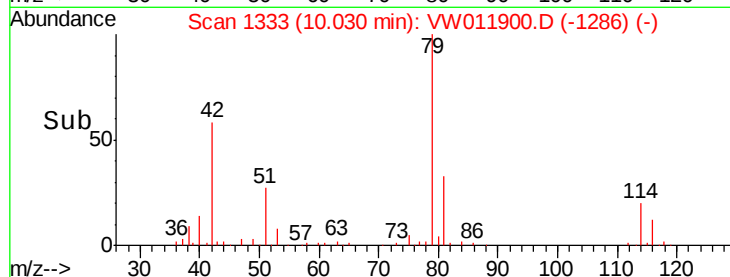
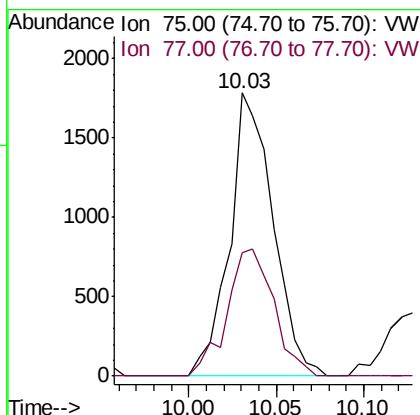
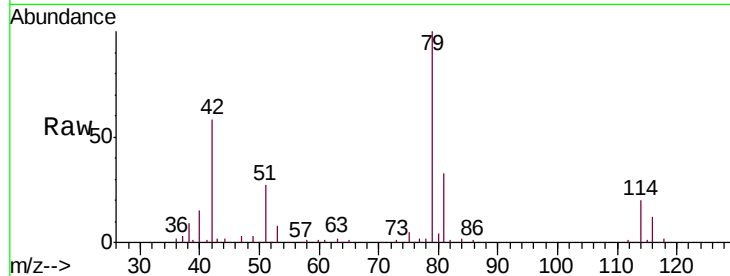




#42
 cis-1,3-Dichloropropene
 Concen: 0.549 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
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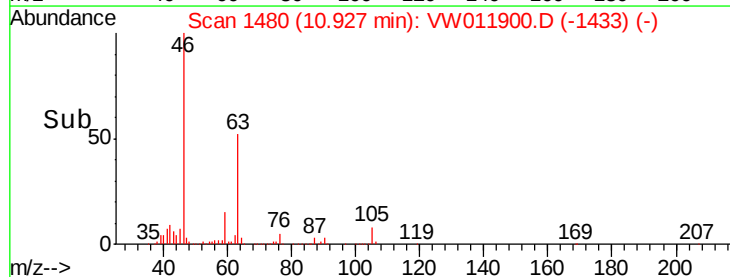
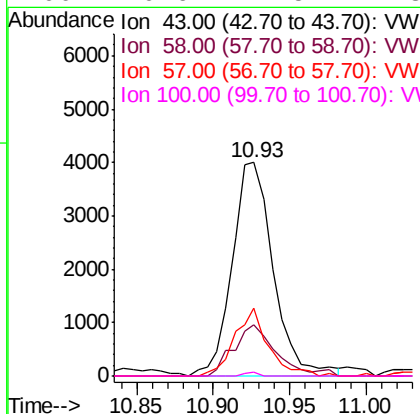
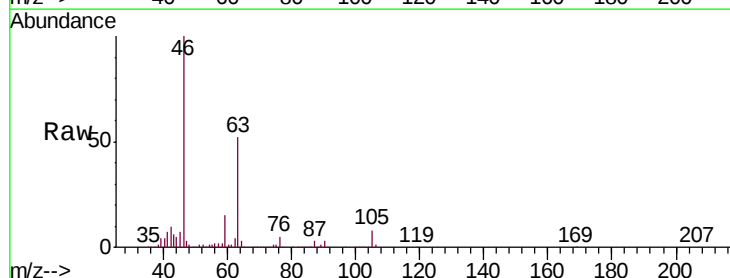
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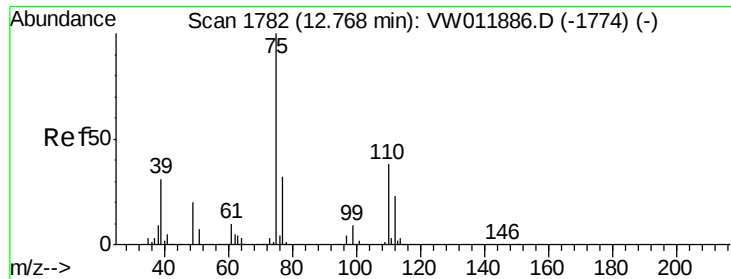
Tgt Ion: 75 Resp: 3092
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.3 41.3#



#49
 2-Hexanone
 Concen: 2.839 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW011900.D
 Acq: 13 Aug 2019 17:26

Tgt Ion: 43 Resp: 7464
 Ion Ratio Lower Upper
 43 100
 58 23.8 38.6 57.8#
 57 24.9 13.0 19.6#
 100 0.6 7.5 11.3#





#59

1,2,3-Trichloropropane

Concen: 3.534 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011900.D

Acq: 13 Aug 2019 17:26

Instrument :

MSVOA_W

ClientSampleId :

ETOC4RE

Tgt Ion: 75 Resp: 9300

Ion Ratio Lower Upper

75 100

77 37.2 25.1 37.7

