

Data File : VW012939.D
Acq On : 12 Sep 2019 17:40
Operator : SY/VA
Sample : K4811-05
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOG4

Quant Time: Sep 13 02:51:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	109151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	88415	22.66	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
7) Chloroethane-d5	2.89	69	71464	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.01	63	149030	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.07	46	77955	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
24) Chloroform-d	7.65	84	214809	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.31	65	121615	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	391143	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	131653	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	10.32	98	349993	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	52346	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.12%
39) 2-Hexanone-d5	10.92	63	54971	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100768	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	98636	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

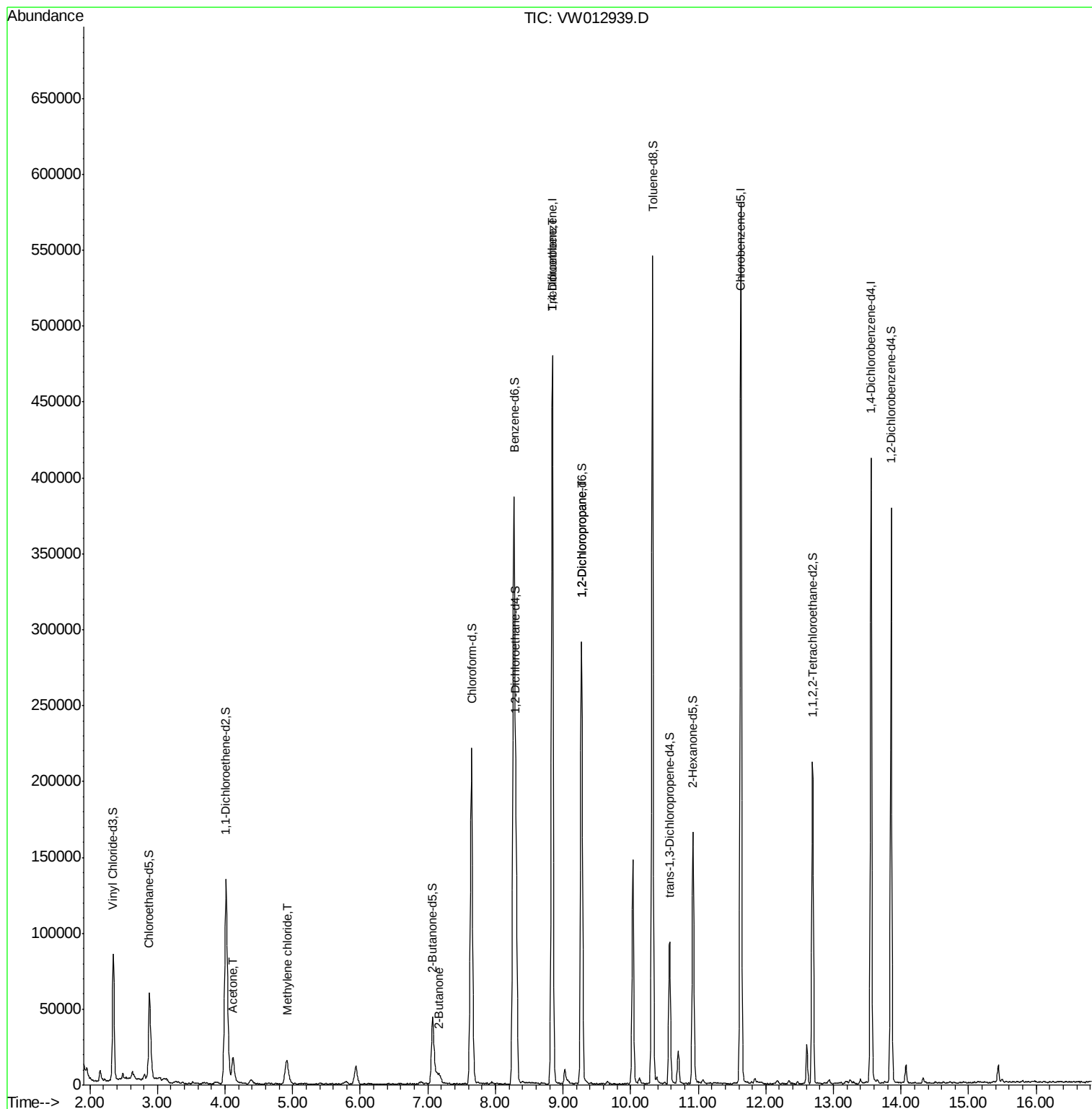
					Qvalue
13) Acetone	4.12	43	29714	23.629 ug/L	98
16) Methylene chloride	4.91	84	12069	2.278 ug/L	96
21) 2-Butanone	7.17	43	5273	3.183 ug/L	93
35) Trichloroethene	8.84	95	11973	2.437 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	15609	3.333 ug/L #	86

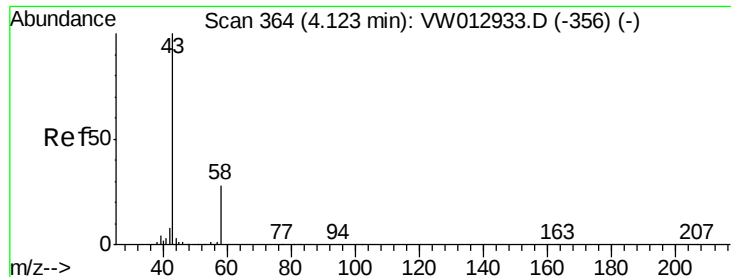
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.629 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 12 Sep 2019 17:40

Instrument :

MSVOA_W

ClientSampled :

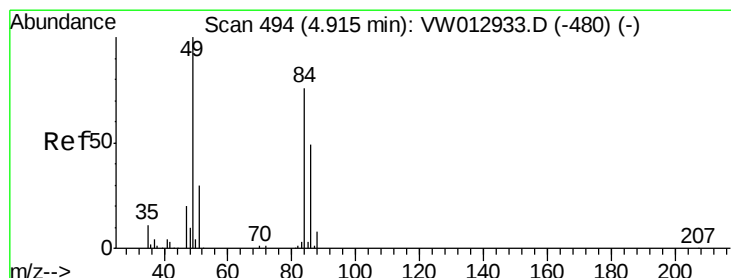
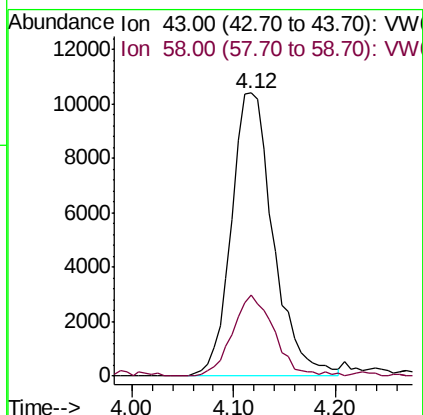
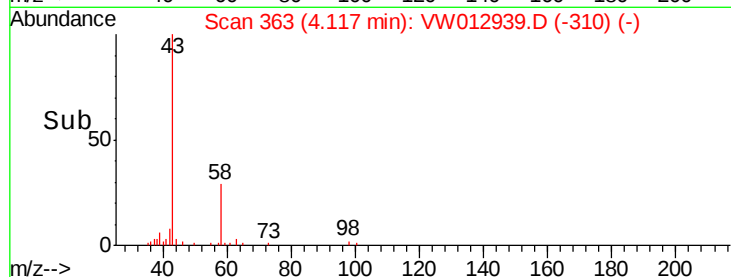
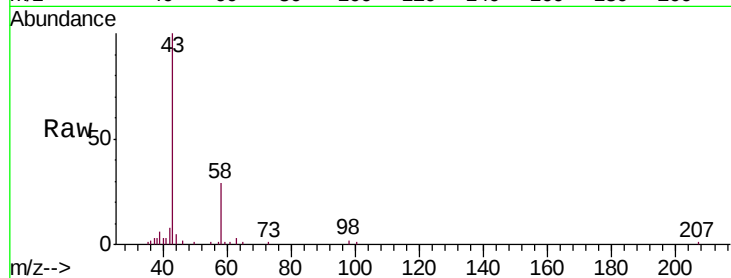
ETOG4

Tgt Ion: 43 Resp: 29714

Ion Ratio Lower Upper

43 100

58 28.7 0.0 59.4



#16

Methylene chloride

Concen: 2.278 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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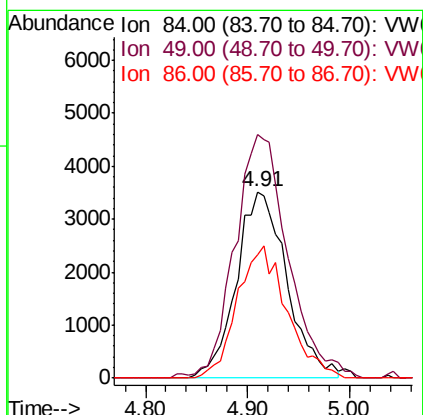
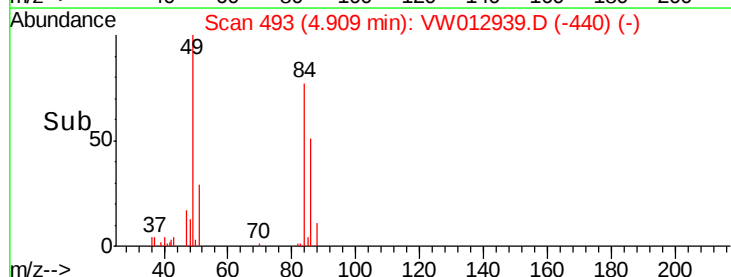
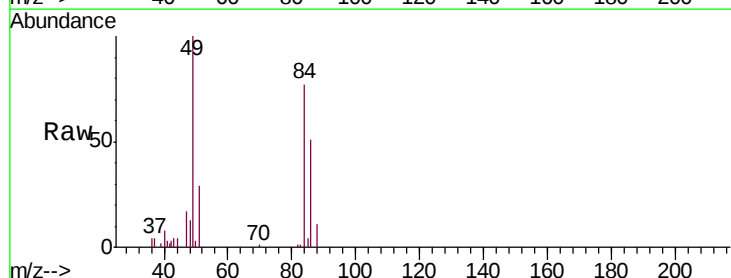
Tgt Ion: 84 Resp: 12069

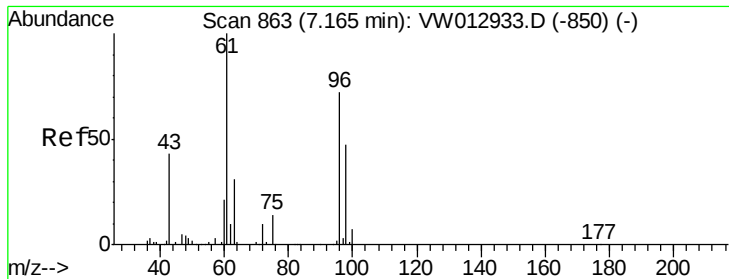
Ion Ratio Lower Upper

84 100

49 130.7 94.7 175.9

86 66.1 44.4 82.4





#21

2-Butanone

Concen: 3.183 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

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Acq: 12 Sep 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

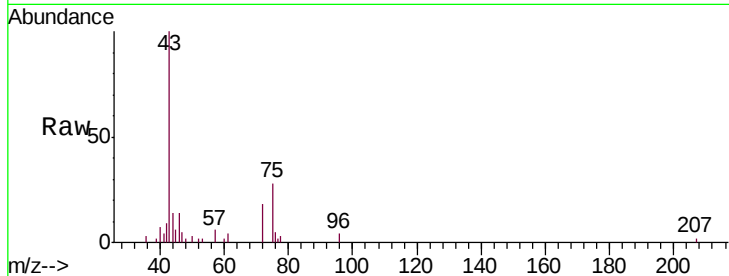
ETOG4

Tgt Ion: 43 Resp: 5273

Ion Ratio Lower Upper

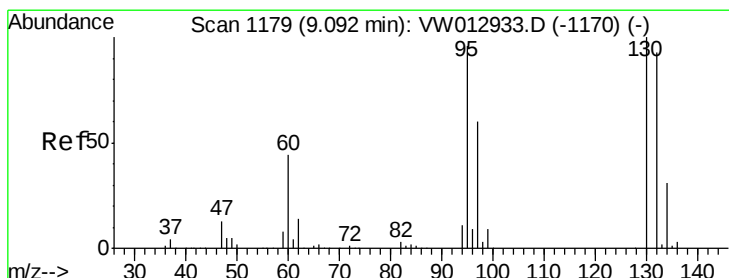
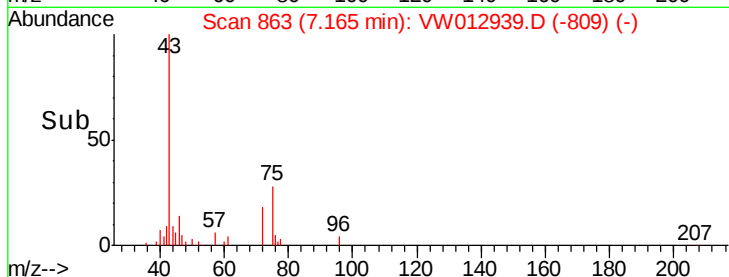
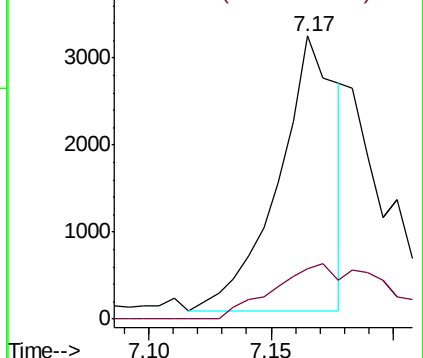
43 100

72 21.8 12.7 38.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.437 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

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Acq: 12 Sep 2019 17:40

Tgt Ion: 95 Resp: 11973

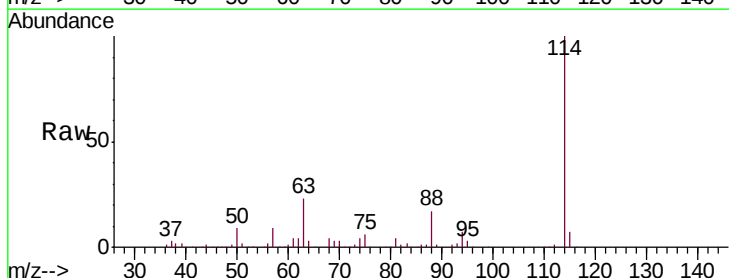
Ion Ratio Lower Upper

95 100

97 0.5 44.6 82.8#

132 0.0 67.8 125.8#

130 0.0 72.2 134.2#

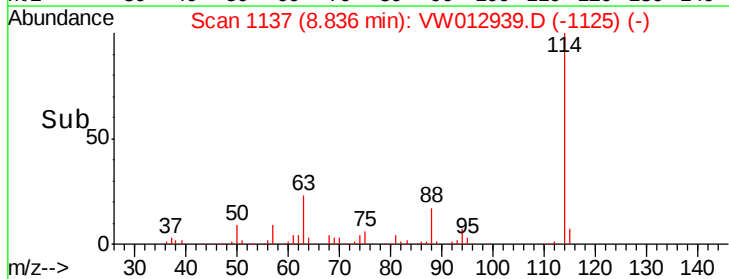
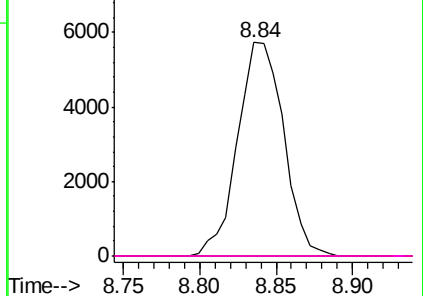


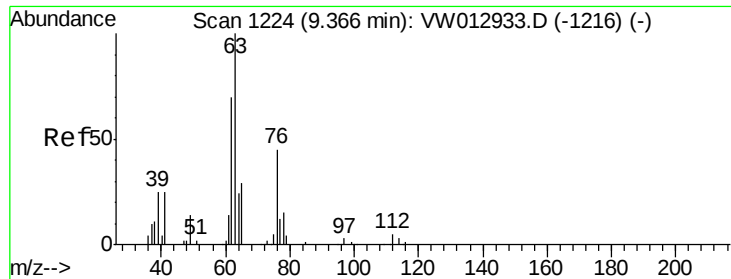
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#40
 1,2-Dichloropropane
 Concen: 3.333 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW012939.D
 Acq: 12 Sep 2019 17:40

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOG4

Tgt Ion: 63 Resp: 15609
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#

