

Data File : VW007157.D
Acq On : 03 Dec 2018 10:30
Operator : SY/AP
Sample : VW1203SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK82

Quant Time: Dec 04 03:16:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	141114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	139341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25046	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
7) Chloroethane-d5	2.89	69	18358	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
10) 1,1-Dichloroethene-d2	4.02	63	48278	15.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.76%
20) 2-Butanone-d5	7.08	46	24300	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
24) Chloroform-d	7.65	84	62052	20.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.96%
26) 1,2-Dichloroethane-d4	8.31	65	38859	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.84%
29) Benzene-d6	8.27	84	130810	19.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.04%
33) 1,2-Dichloropropane-d6	9.27	67	38763	20.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.76%
37) Toluene-d8	10.33	98	136092	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.72%
38) trans-1,3-Dichloropropene-	10.58	79	19005	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.93	63	20809	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38152	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	55005	20.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.84%

Target Compounds

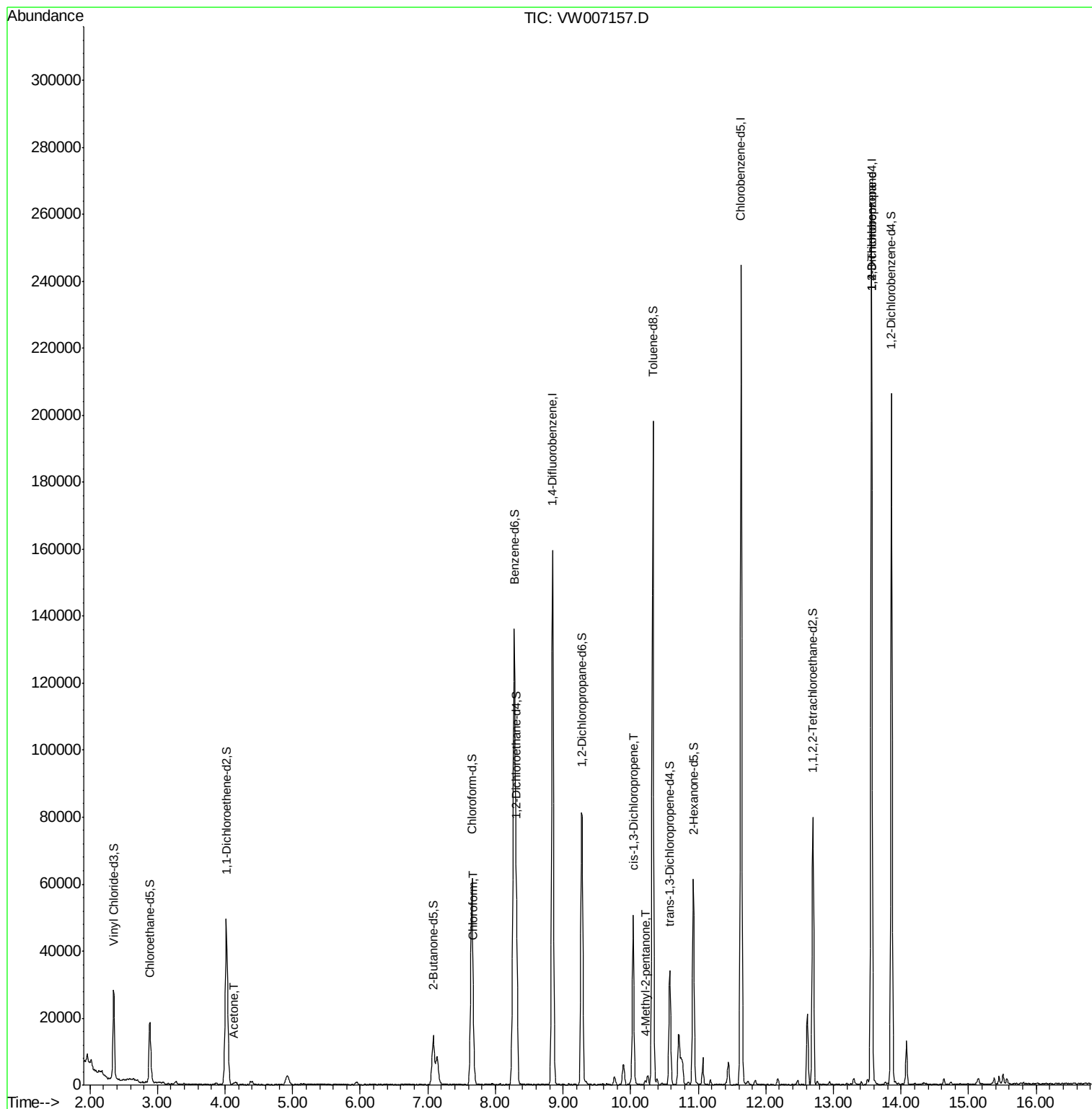
					Qvalue
13) Acetone	4.13	43	802	2.355 ug/L	71
25) Chloroform	7.68	83	2736	0.878 ug/L #	61
42) cis-1,3-Dichloropropene	10.04	75	1241	0.451 ug/L #	49
43) 4-Methyl-2-pentanone	10.21	43	793	0.619 ug/L #	94
59) 1,2,3-Trichloropropane	13.56	75	8263	6.100 ug/L	91

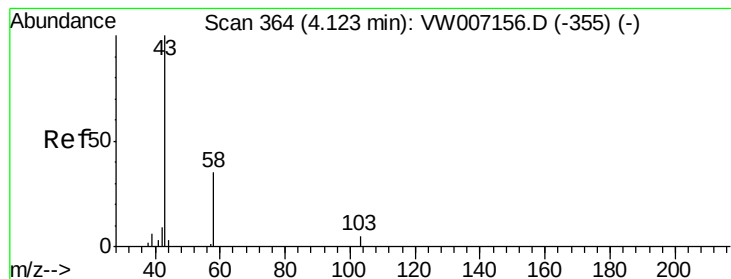
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.355 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 03 Dec 2018 10:30

Instrument :

MSVOA_W

ClientSampled :

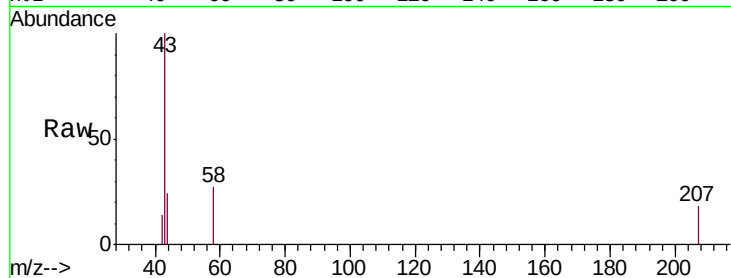
VBLK82

Tgt Ion: 43 Resp: 802

Ion Ratio Lower Upper

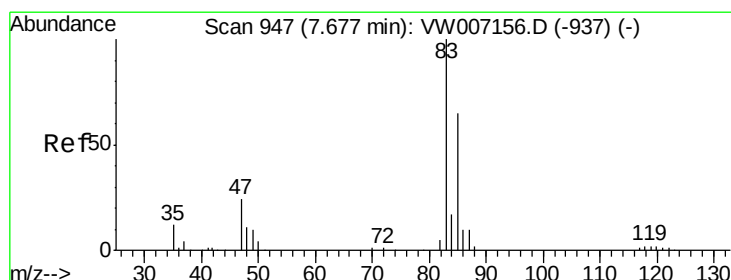
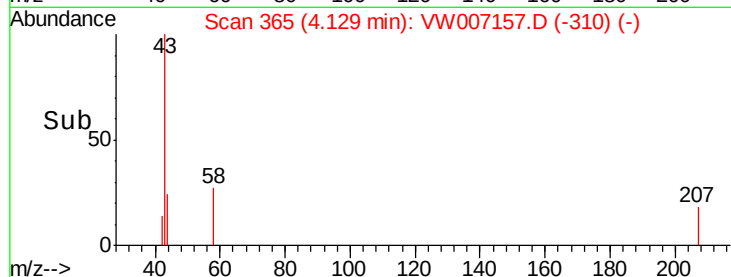
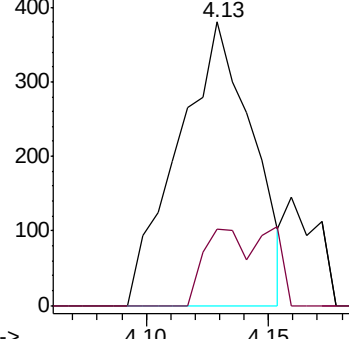
43 100

58 15.3 0.0 62.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

Chloroform

Concen: 0.878 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

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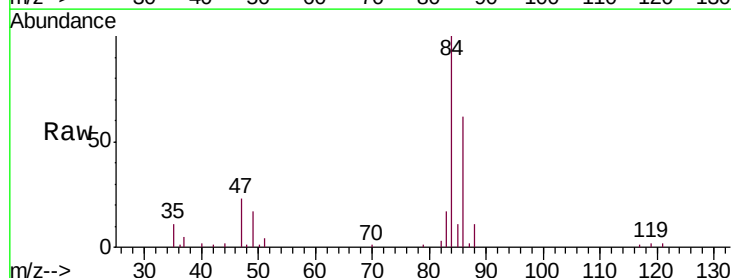
Acq: 03 Dec 2018 10:30

Tgt Ion: 83 Resp: 2736

Ion Ratio Lower Upper

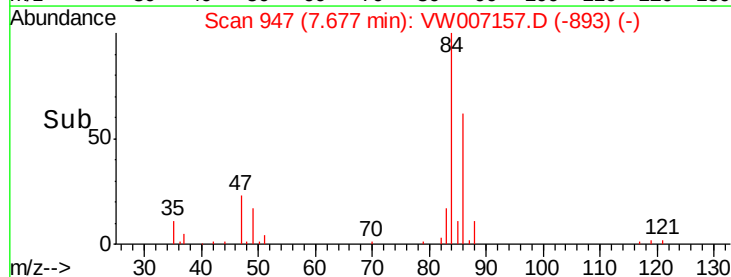
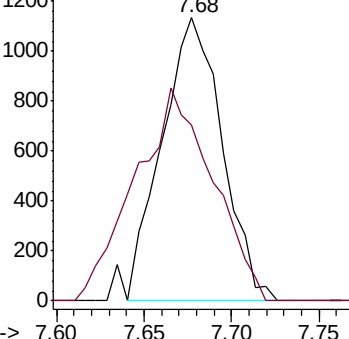
83 100

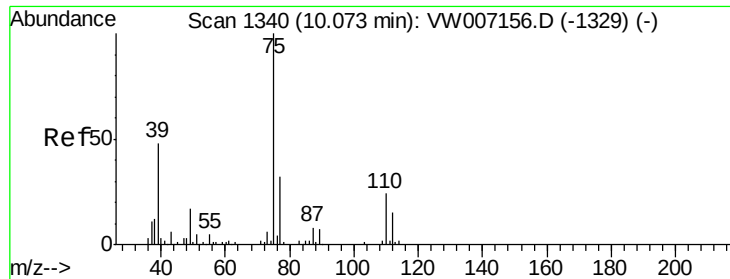
85 96.6 46.1 85.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

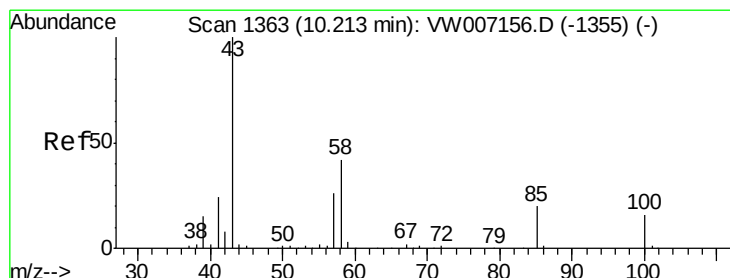
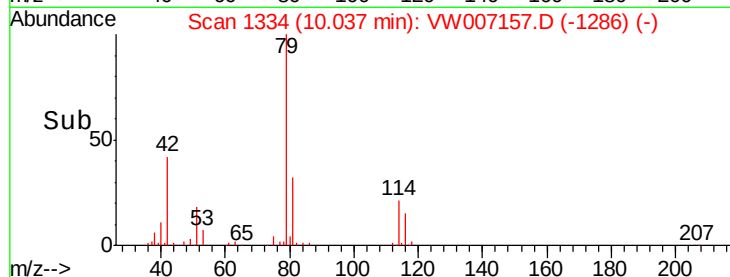
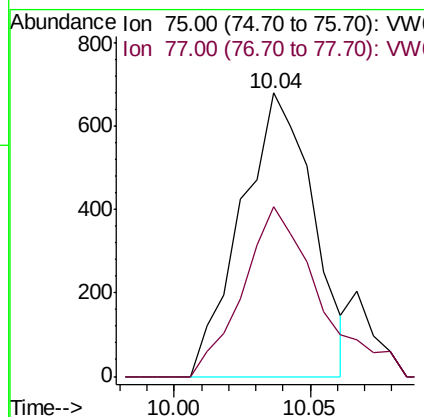
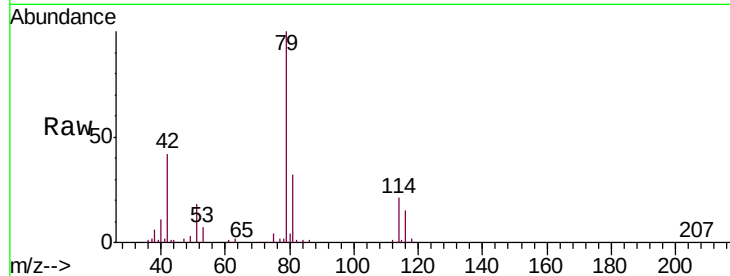
VBLK82

Tgt Ion: 75 Resp: 1241

Ion Ratio Lower Upper

75 100

77 60.1 22.3 41.5#



#43

4-Methyl-2-pentanone

Concen: 0.619 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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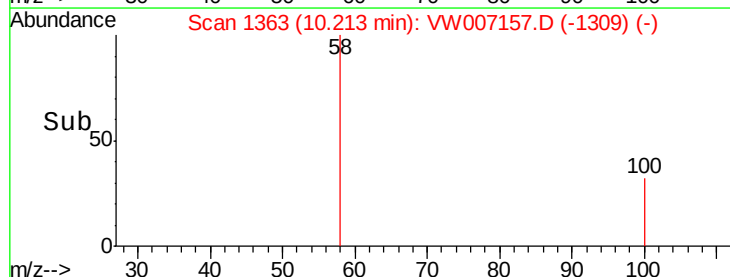
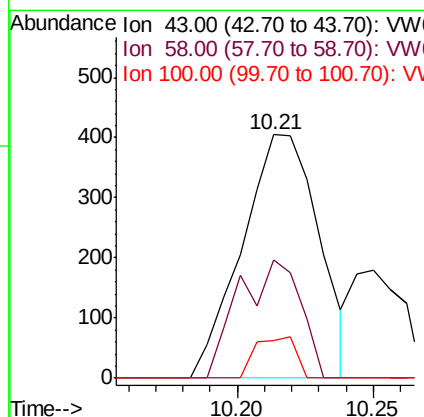
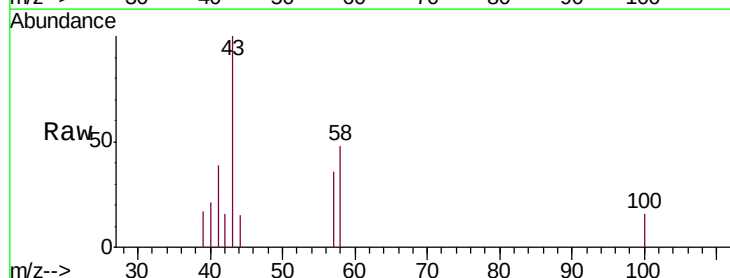
Tgt Ion: 43 Resp: 793

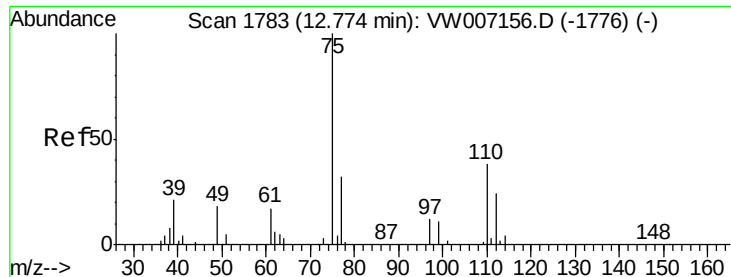
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 8.8 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 6.100 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007157.D

Acq: 03 Dec 2018 10:30

Instrument :

MSVOA_W

ClientSampleId :

VBLK82

Tgt Ion: 75 Resp: 8263

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

