

Data File : VW014915.D
Acq On : 07 Feb 2020 13:00
Operator : SY/VA
Sample : L1386-17
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S15

Quant Time: Feb 08 04:02:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	824005	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	771684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	291930	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	240740	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.60%
7) Chloroethane-d5	2.89	69	241124	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	4.02	63	362834	14.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	7.07	46	161792	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
24) Chloroform-d	7.65	84	540804	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.31	65	312352	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	8.27	84	1067866	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	375371	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.84%
37) Toluene-d8	10.32	98	904150	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	122076	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.92	63	111728	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257104	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	263671	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

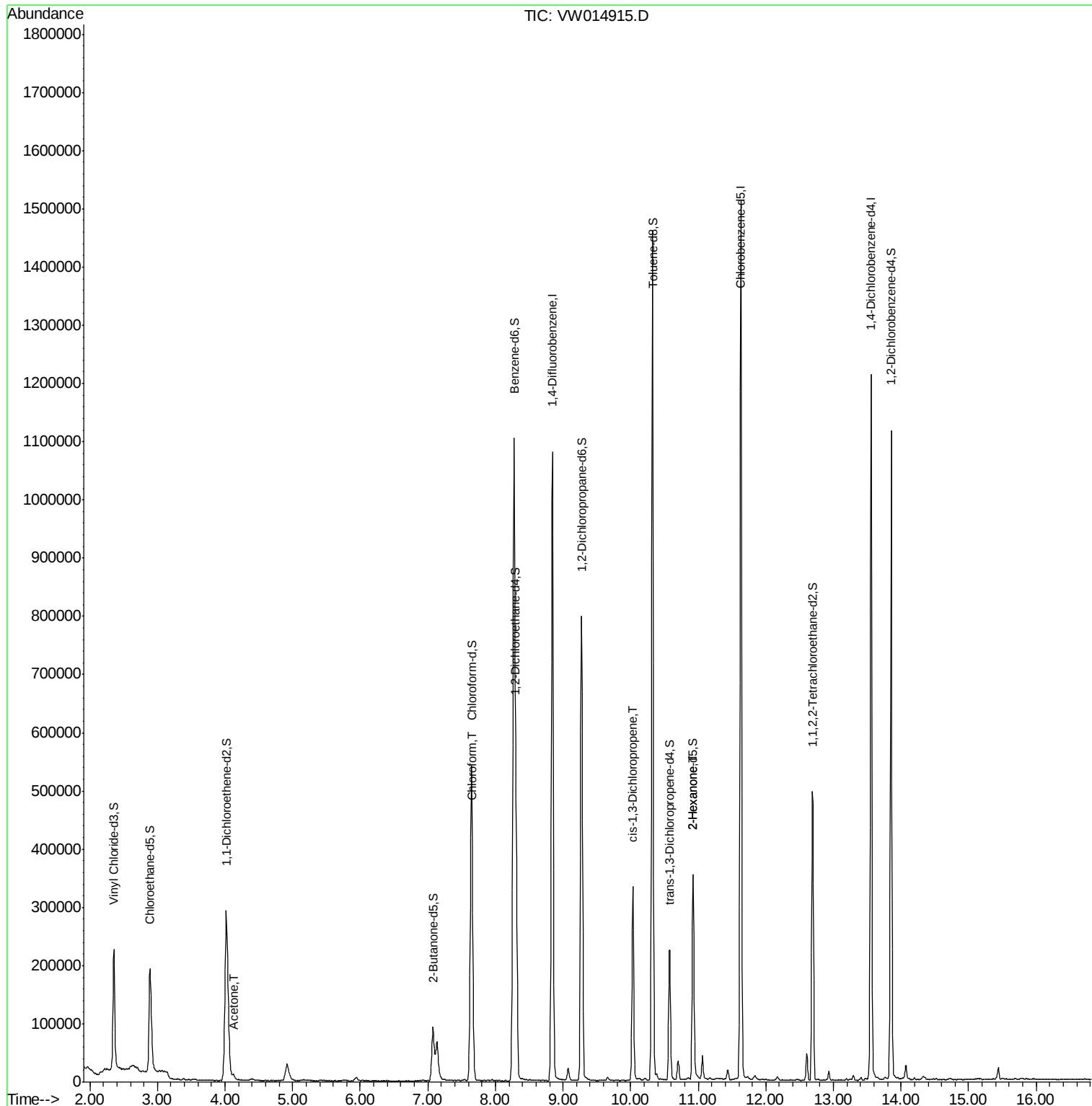
					Qvalue
13) Acetone	4.12	43	13597	3.441 ug/L	100
25) Chloroform	7.66	83	7360	0.334 ug/L #	1
42) cis-1,3-Dichloropropene	10.04	75	8494	0.421 ug/L #	61
49) 2-Hexanone	10.93	43	16591	2.537 ug/L #	67

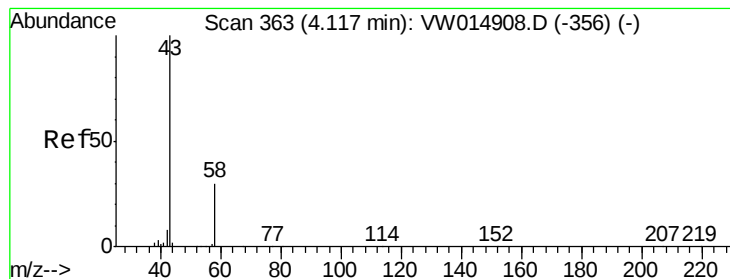
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014915.D
Acq On : 07 Feb 2020 13:00
Operator : SY/VA
Sample : L1386-17
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S15

Quant Time: Feb 08 04:02:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.441 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014915.D

Acq: 07 Feb 2020 13:00

Instrument :

MSVOA_W

ClientSampled :

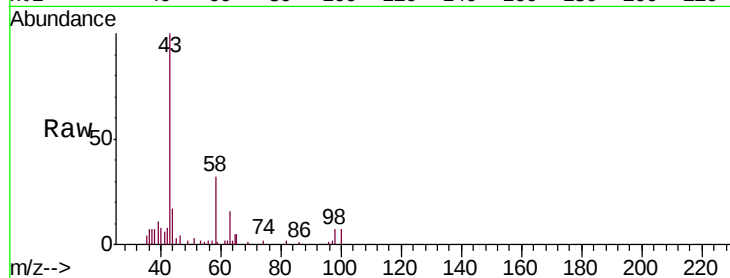
F3S15

Tgt Ion: 43 Resp: 13597

Ion Ratio Lower Upper

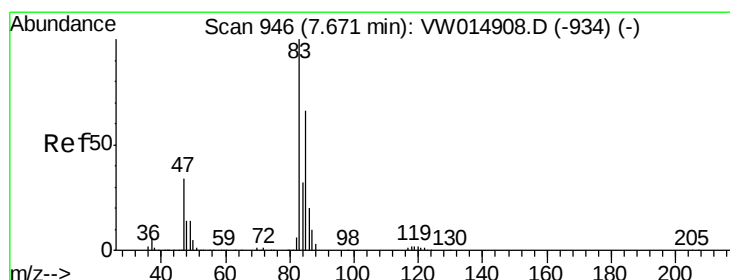
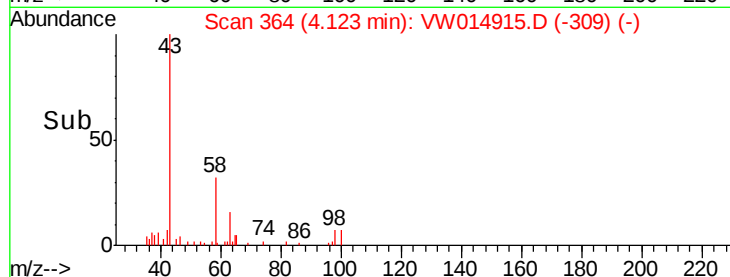
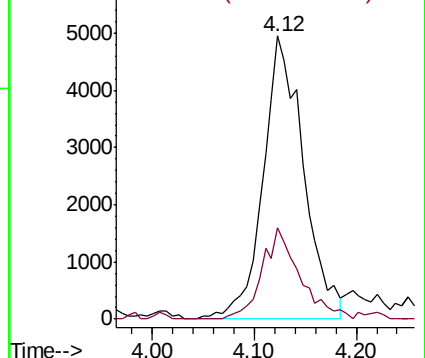
43 100

58 30.1 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

Chloroform

Concen: 0.334 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW014915.D

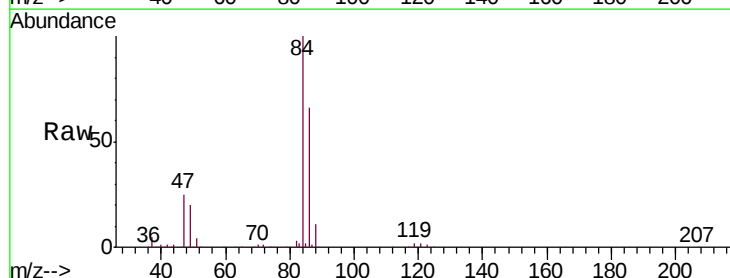
Acq: 07 Feb 2020 13:00

Tgt Ion: 83 Resp: 7360

Ion Ratio Lower Upper

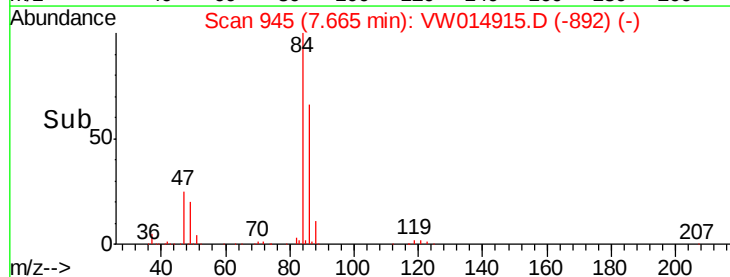
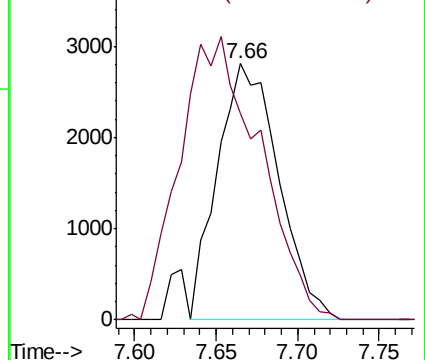
83 100

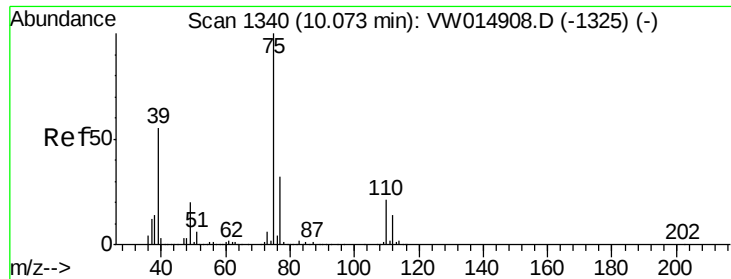
85 144.0 45.4 84.4#



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: 0.421 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014915.D

Acq: 07 Feb 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

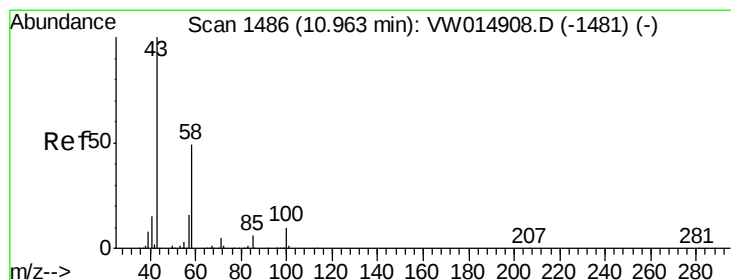
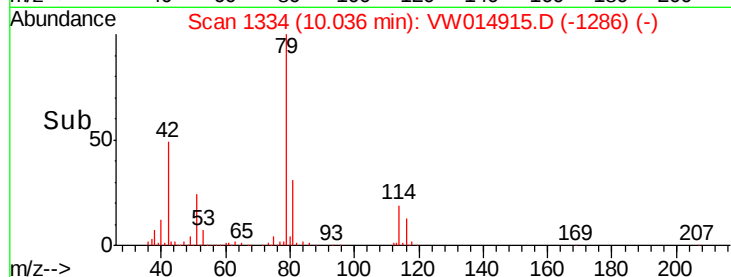
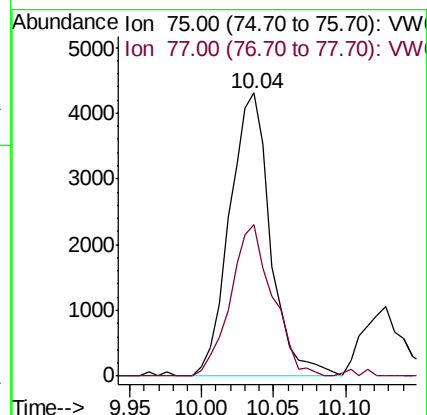
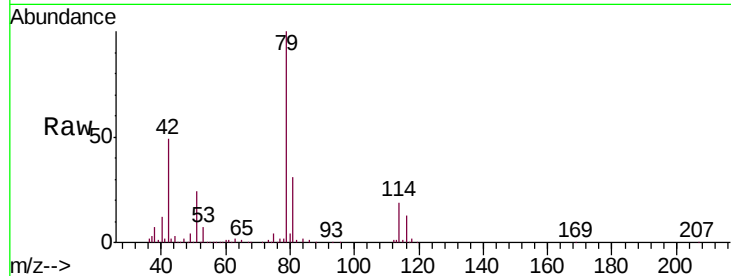
F3S15

Tgt Ion: 75 Resp: 8494

Ion Ratio Lower Upper

75 100

77 53.8 22.5 41.9#



#49

2-Hexanone

Concen: 2.537 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014915.D

Acq: 07 Feb 2020 13:00

Tgt Ion: 43 Resp: 16591

Ion Ratio Lower Upper

43 100

58 28.1 42.2 63.2#

57 34.8 14.5 21.7#

100 4.3 8.6 12.8#

