

Data File : VW014914.D
Acq On : 07 Feb 2020 12:34
Operator : SY/VA
Sample : L1386-16
Misc : 4.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S14

Quant Time: Feb 08 04:02:32 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	809512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	746184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	276668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	250204	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
7) Chloroethane-d5	2.89	69	250267	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
10) 1,1-Dichloroethene-d2	4.02	63	382221	15.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	7.07	46	148668	39.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.06%
24) Chloroform-d	7.65	84	553665	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	8.31	65	308658	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.08%
29) Benzene-d6	8.27	84	1105477	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.27	67	383740	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.32	98	937603	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.57	79	120889	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.32%
39) 2-Hexanone-d5	10.92	63	102928	36.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	239380	20.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	277095	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

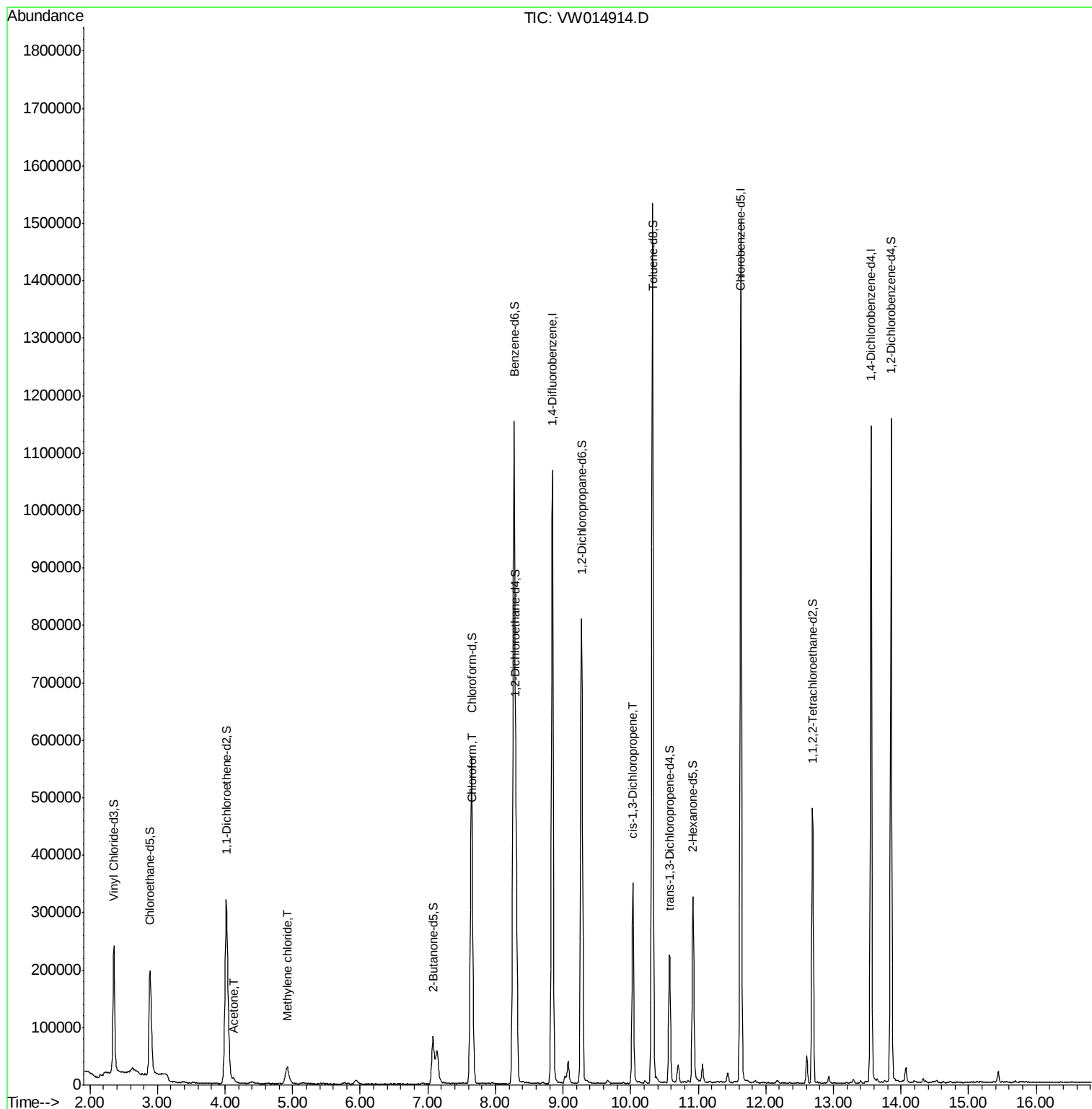
Target Compounds					Qvalue
13) Acetone	4.13	43	12900	3.323 ug/L	63
16) Methylene chloride	4.92	84	23507	1.594 ug/L	96
25) Chloroform	7.66	83	11360	0.525 ug/L	78
42) cis-1,3-Dichloropropene	10.03	75	8484	0.435 ug/L #	69

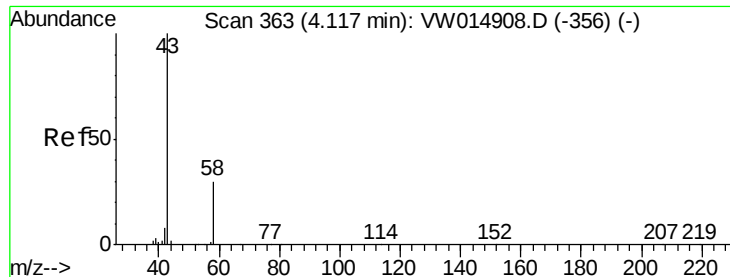
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.323 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

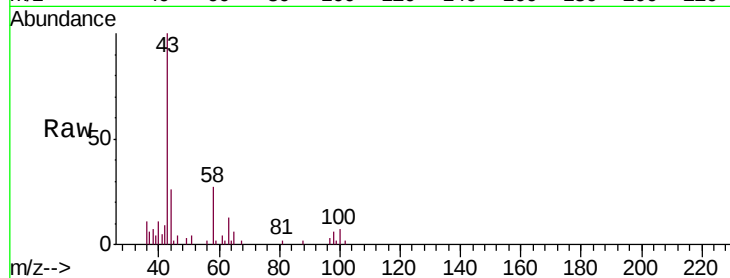
F3S14

Tgt Ion: 43 Resp: 12900

Ion Ratio Lower Upper

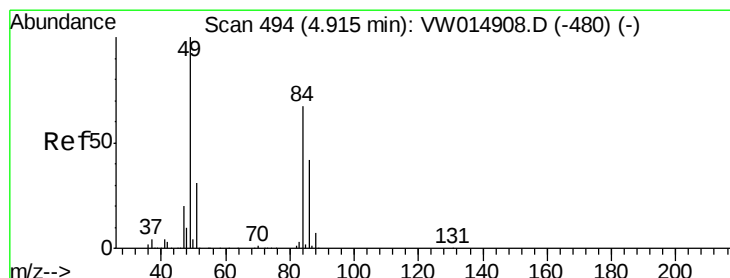
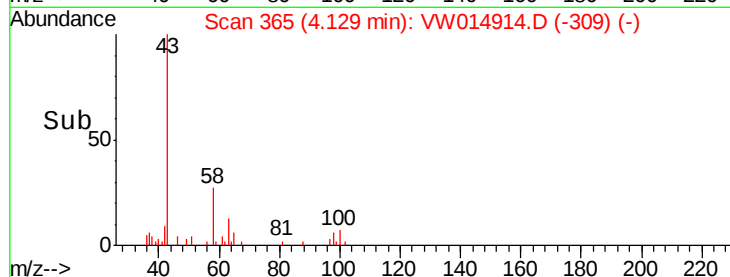
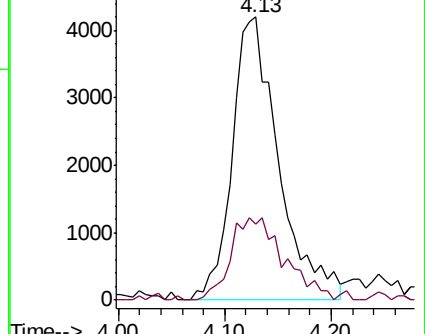
43 100

58 10.1 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.594 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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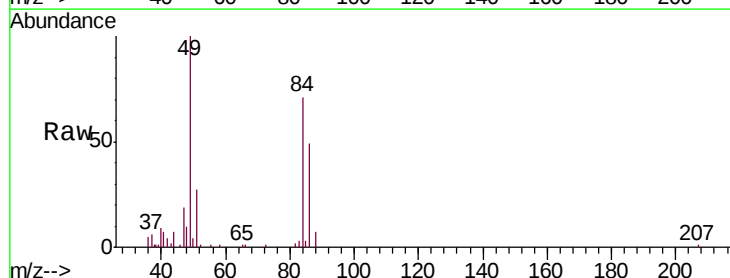
Tgt Ion: 84 Resp: 23507

Ion Ratio Lower Upper

84 100

49 140.1 95.8 177.8

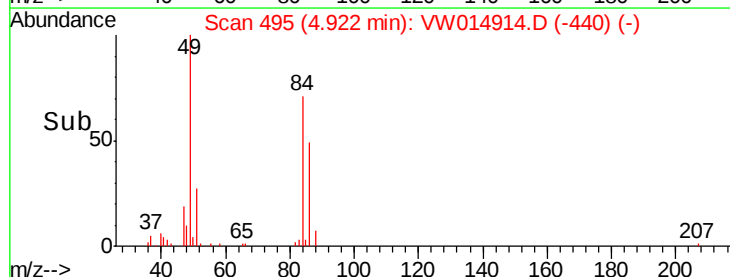
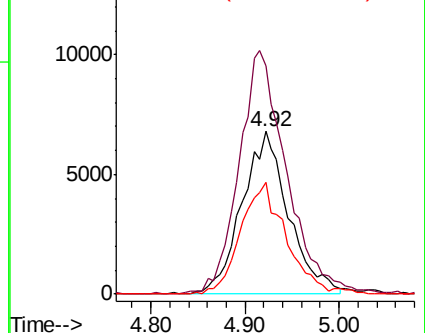
86 68.7 44.2 82.2

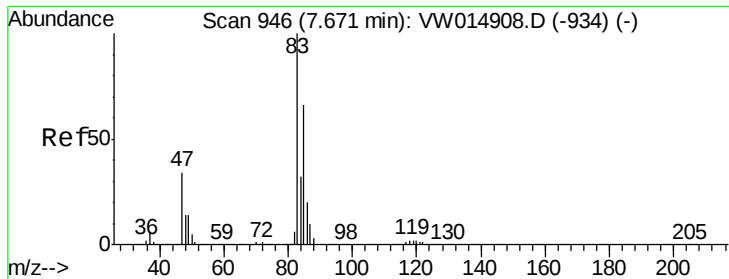


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 0.525 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

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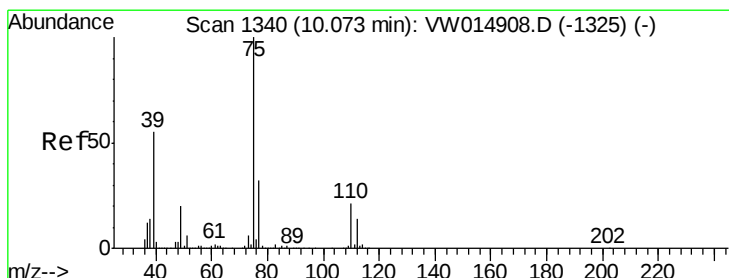
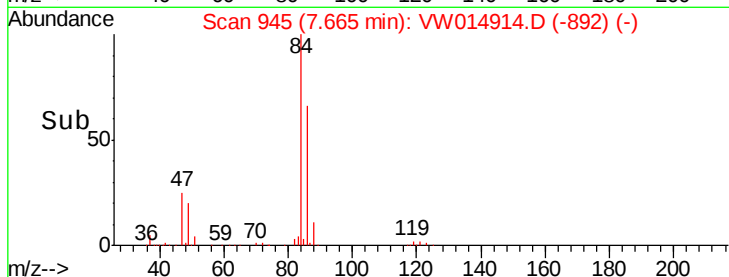
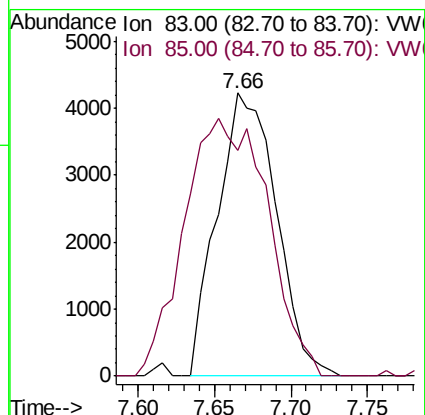
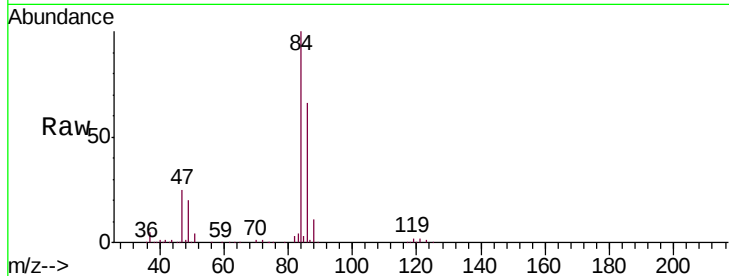
F3S14

Tgt Ion: 83 Resp: 11360

Ion Ratio Lower Upper

83 100

85 82.5 45.4 84.4



#42

cis-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 12:34

Tgt Ion: 75 Resp: 8484

Ion Ratio Lower Upper

75 100

77 49.4 22.5 41.9#

