

Data File : VW014905.D
Acq On : 06 Feb 2020 18:58
Operator : SY/VA
Sample : L1386-11
Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S09

Quant Time: Feb 07 06:02:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 05:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	866085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	805023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	301987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	252326	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
7) Chloroethane-d5	2.89	69	245117	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
10) 1,1-Dichloroethene-d2	4.02	63	380201	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%
20) 2-Butanone-d5	7.07	46	153274	38.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.18%
24) Chloroform-d	7.65	84	555478	22.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	8.31	65	312531	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.27	84	1112466	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	9.27	67	382494	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.32	98	935318	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.12%
38) trans-1,3-Dichloropropene-	10.58	79	122852	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.76%
39) 2-Hexanone-d5	10.92	63	107506	34.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249431	19.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	269879	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

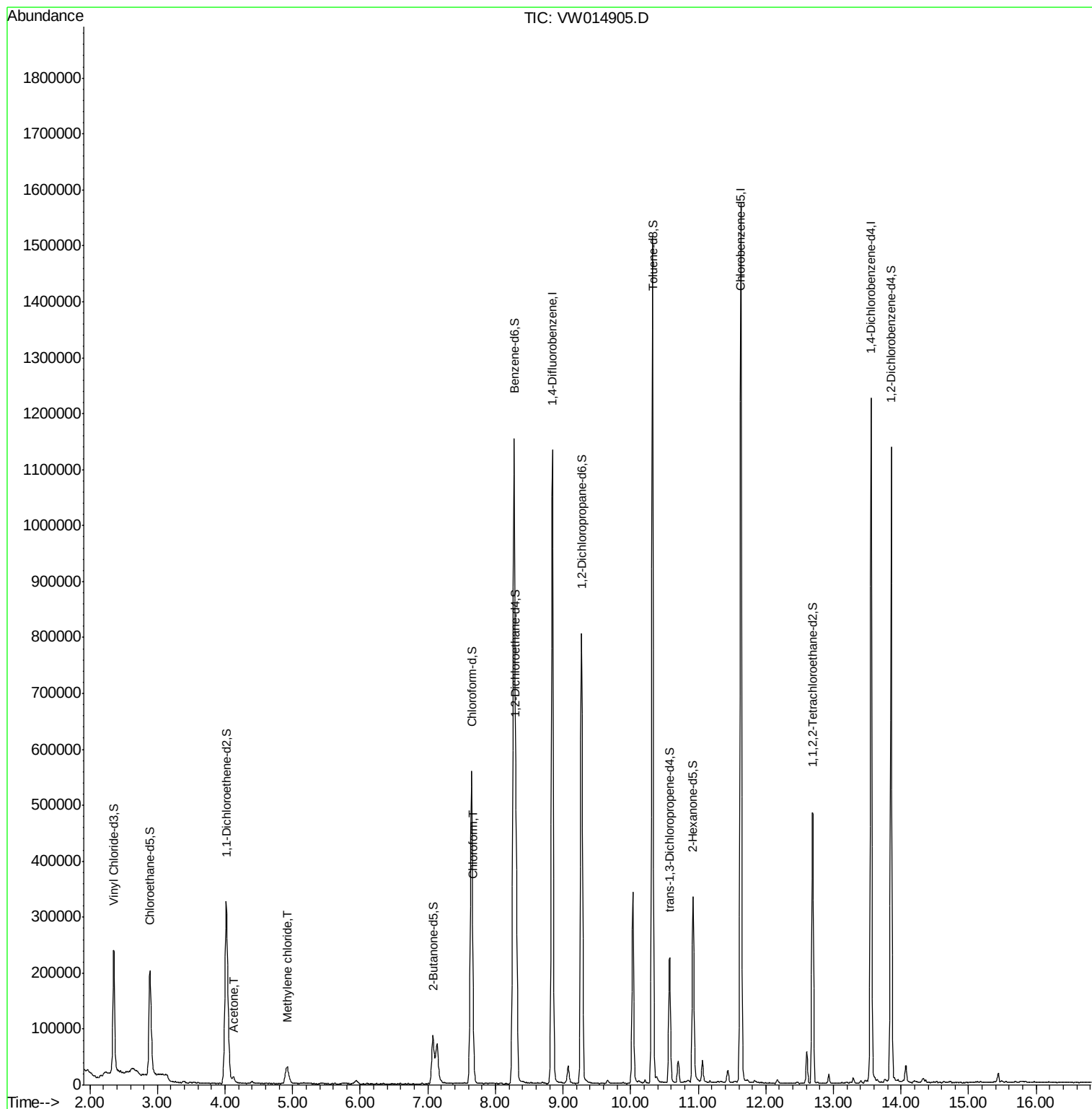
Target Compounds					Qvalue
13) Acetone	4.12	43	17018	4.097 ug/L	99
16) Methylene chloride	4.92	84	24783	1.571 ug/L	99
25) Chloroform	7.67	83	9537	0.412 ug/L #	73

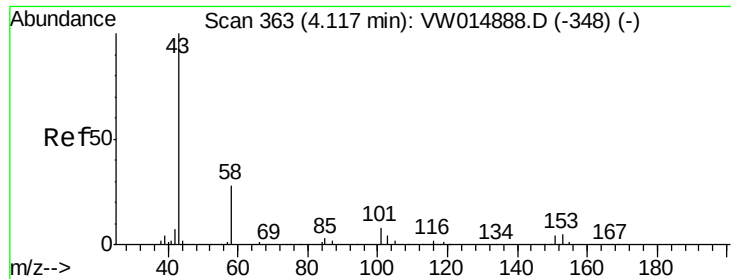
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.097 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

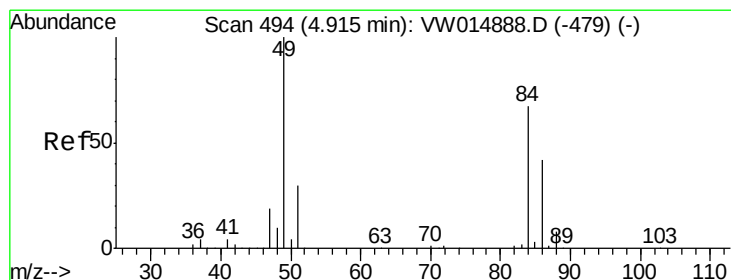
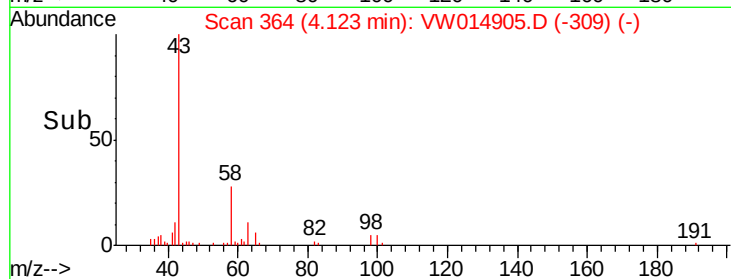
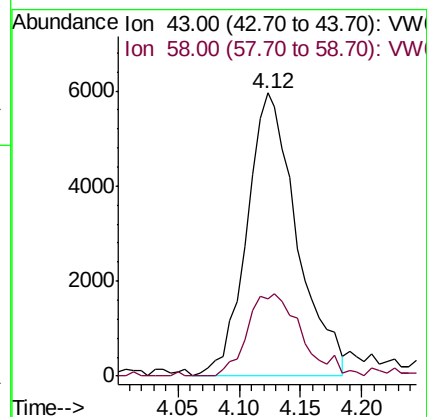
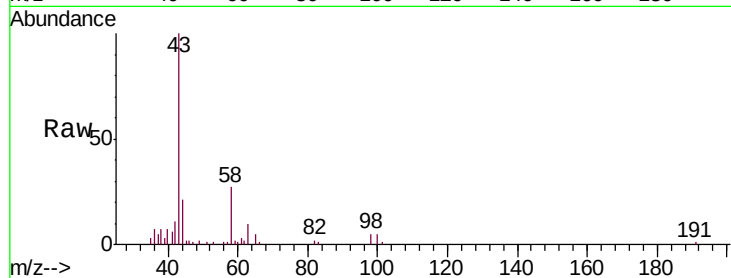
F3S09

Tgt Ion: 43 Resp: 17018

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.4



#16

Methylene chloride

Concen: 1.571 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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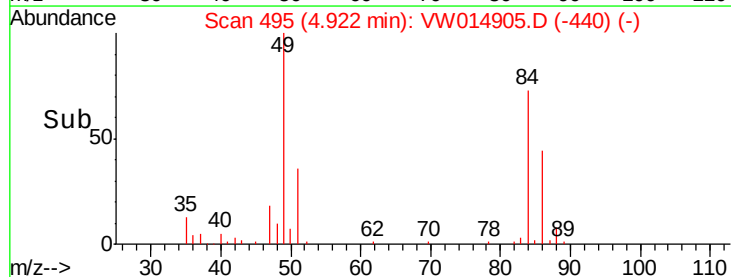
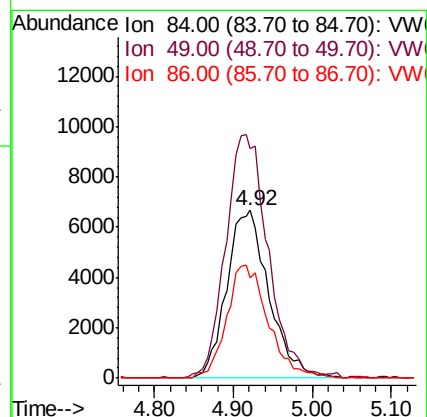
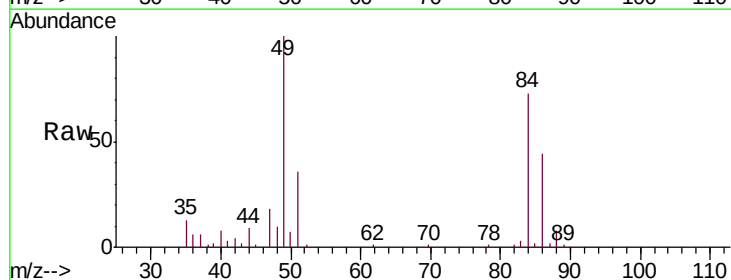
Tgt Ion: 84 Resp: 24783

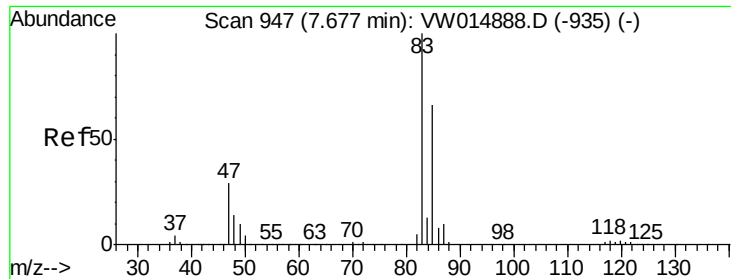
Ion Ratio Lower Upper

84 100

49 136.9 95.8 177.8

86 59.9 44.2 82.2





#25
 Chloroform
 Concen: 0.412 ug/L
 RT: 7.67 min Scan# 946
 Delta R.T. -0.01 min
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Instrument :
 MSVOA_W
 ClientSampleId :
 F3S09

Tgt Ion: 83 Resp: 9537
 Ion Ratio Lower Upper
 83 100
 85 86.0 45.4 84.4#

