

Data File : VW014917.D
Acq On : 07 Feb 2020 13:53
Operator : SY/VA
Sample : L1386-19
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S17

Quant Time: Feb 08 04:02:50 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	757719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	703837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	251349	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
7) Chloroethane-d5	2.89	69	249829	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
10) 1,1-Dichloroethene-d2	4.02	63	378219	16.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.00%
20) 2-Butanone-d5	7.07	46	154751	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
24) Chloroform-d	7.65	84	559715	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	8.39	65	451	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	1101512	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.27	67	386886	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.92%
37) Toluene-d8	10.32	98	931079	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.48%
38) trans-1,3-Dichloropropene-	10.58	79	122714	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	10.92	63	106937	39.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	251336	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	263118	26.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.72%

Target Compounds

					Qvalue
13) Acetone	4.12	43	13191	3.630 ug/L	96
16) Methylene chloride	4.91	84	29043	2.104 ug/L	94
25) Chloroform	7.68	83	8545	0.422 ug/L #	55
42) cis-1,3-Dichloropropene	10.04	75	8521	0.463 ug/L #	68
59) 1,2,3-Trichloropropane	13.55	75	37084	4.632 ug/L	94

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

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ClientSampleId :
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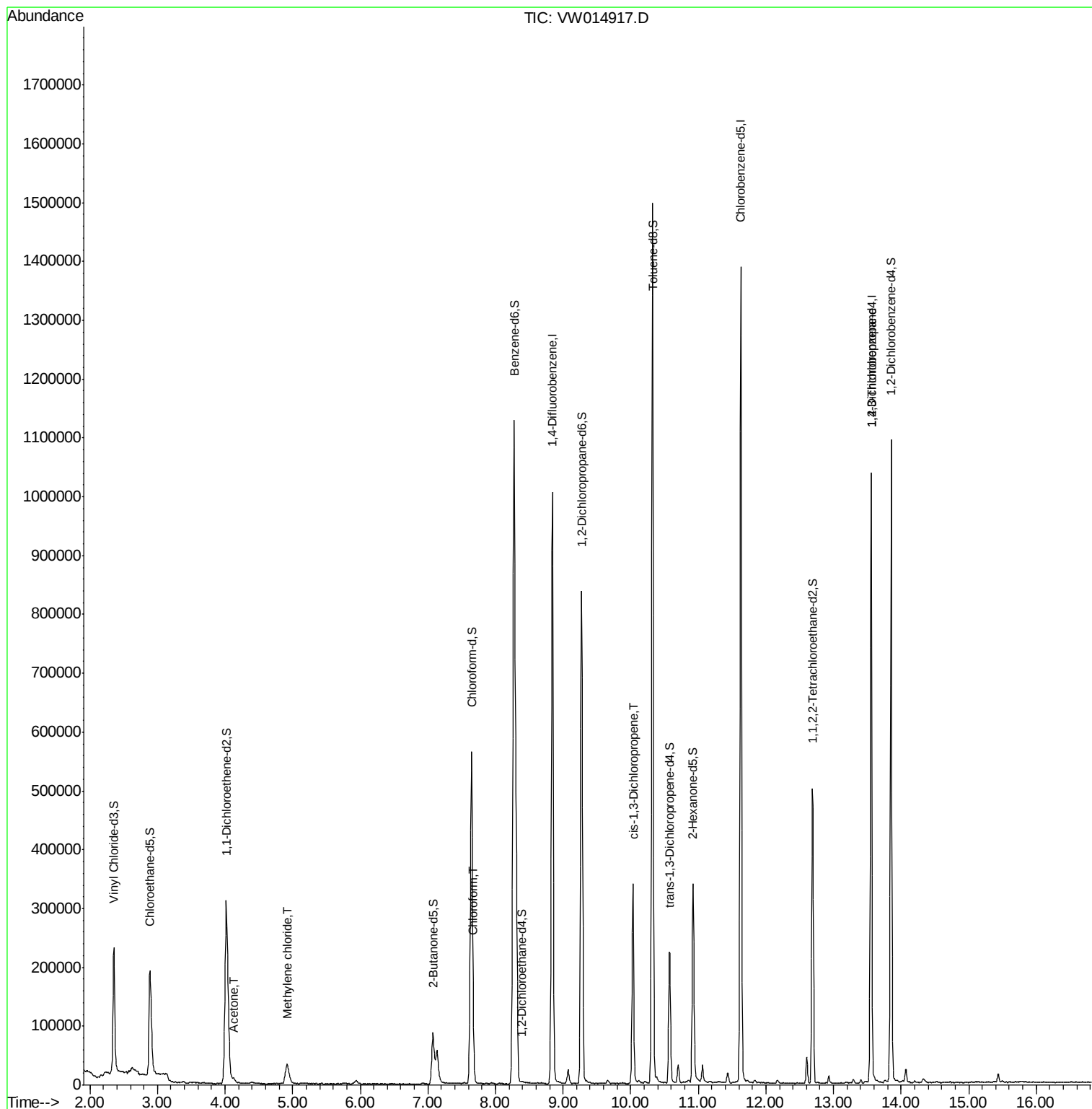
Quant Time: Feb 08 04:02:50 2020

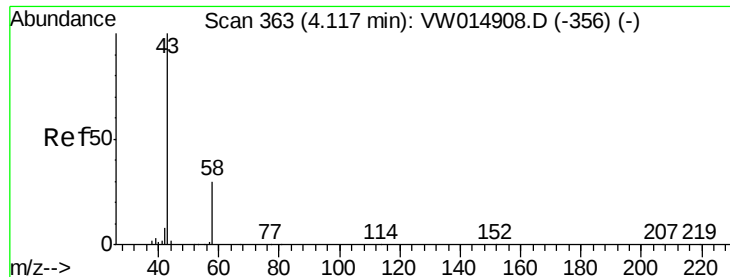
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M

Quant Title : VOC Analysis

QLast Update : Sat Feb 08 03:59:50 2020

Response via : Initial Calibration





#13

Acetone

Concen: 3.630 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014917.D

Acq: 07 Feb 2020 13:53

Instrument :

MSVOA_W

ClientSampled :

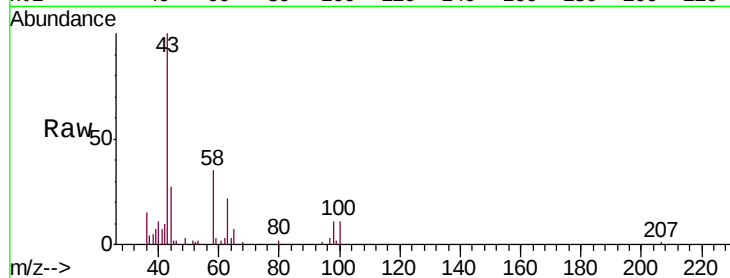
F3S17

Tgt Ion: 43 Resp: 13191

Ion Ratio Lower Upper

43 100

58 27.8 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

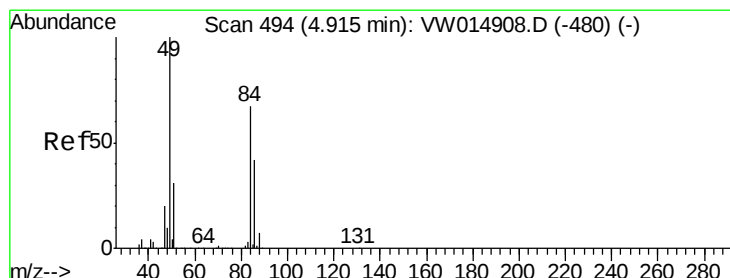
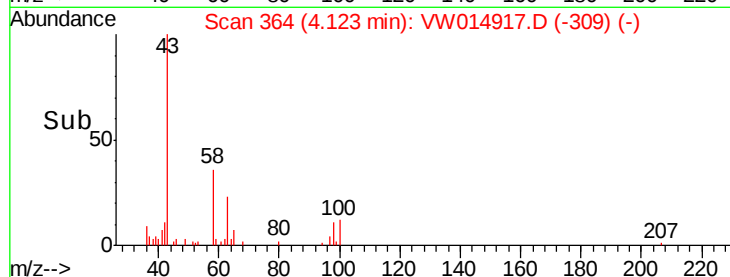
3000

2000

1000

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 2.104 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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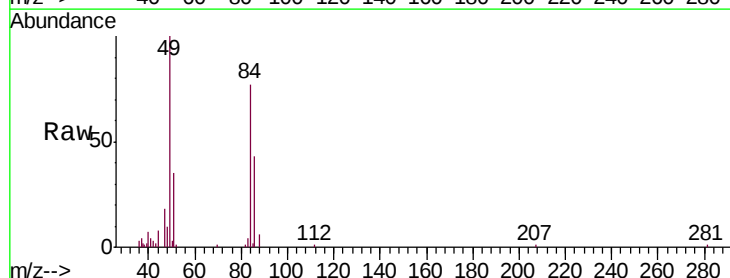
Tgt Ion: 84 Resp: 29043

Ion Ratio Lower Upper

84 100

49 130.5 95.8 177.8

86 56.2 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

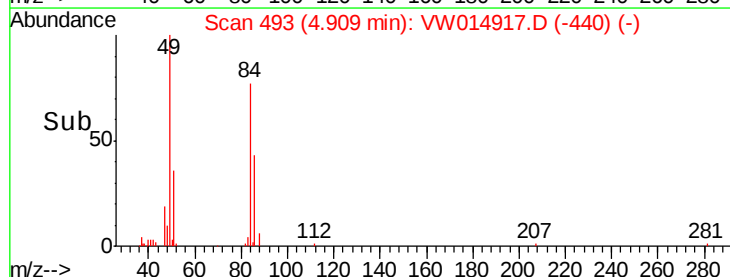
15000

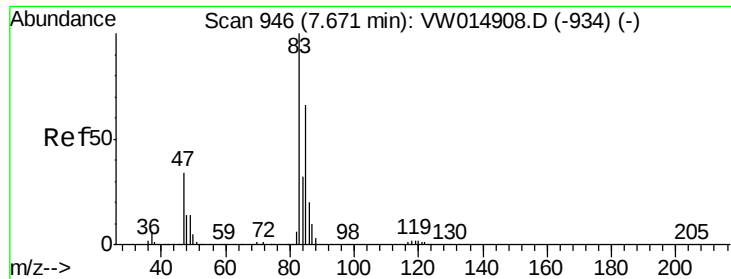
10000

5000

0

Time--> 4.80 4.90 5.00

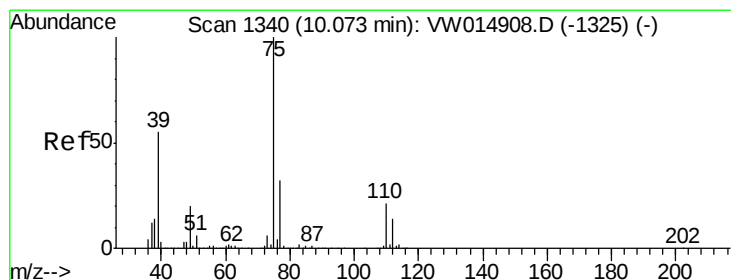
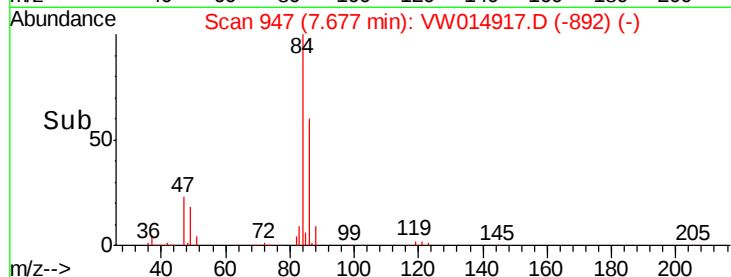
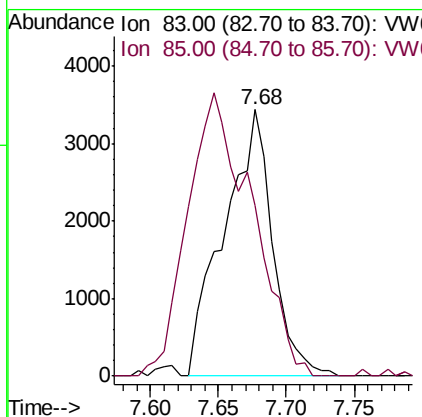
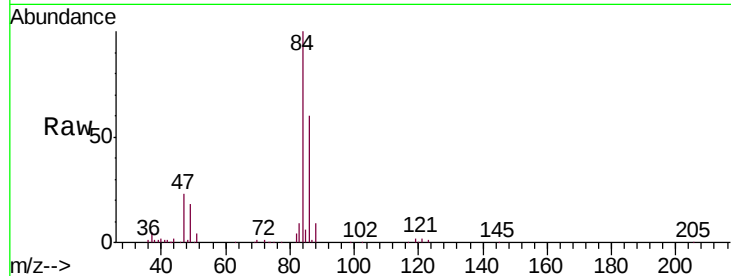




#25
Chloroform
Concen: 0.422 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
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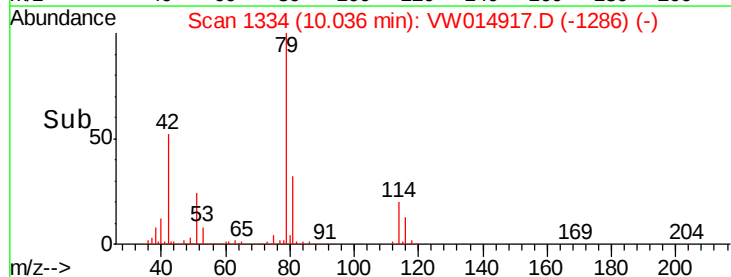
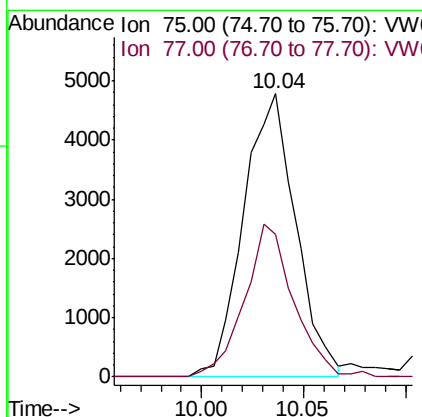
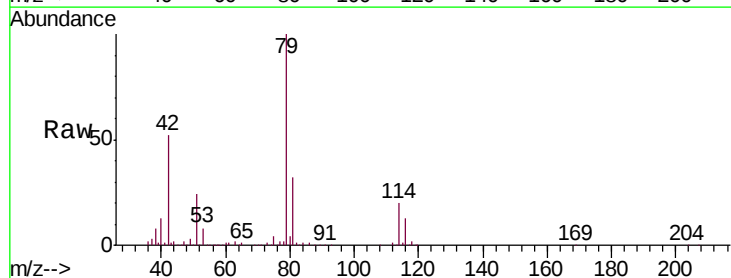
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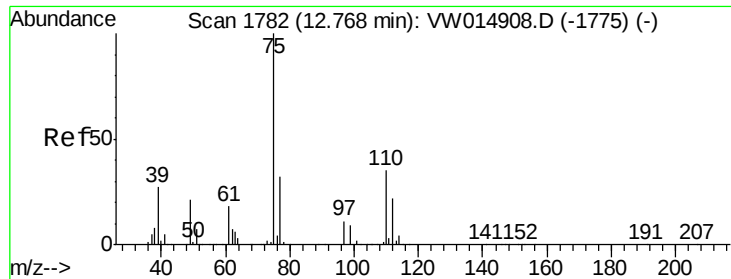
Tgt Ion: 83 Resp: 8545
Ion Ratio Lower Upper
83 100
85 100.5 45.4 84.4#



#42
cis-1,3-Dichloropropene
Concen: 0.463 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW014917.D
Acq: 07 Feb 2020 13:53

Tgt Ion: 75 Resp: 8521
Ion Ratio Lower Upper
75 100
77 50.2 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.632 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014917.D

Acq: 07 Feb 2020 13:53

Instrument :

MSVOA_W

ClientSampleId :

F3S17

Tgt Ion: 75 Resp: 37084

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9

