

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014324.D
 Acq On : 12 Dec 2019 14:20
 Operator : SY/VA
 Sample : K6238-04RE
 Misc : 3.98G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFPZ7RE

Manual Integrations
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Quant Time: Dec 13 06:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1016154	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	705072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	167304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368632	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
7) Chloroethane-d5	2.89	69	306355	26.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.12%
10) 1,1-Dichloroethene-d2	4.01	63	522108	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.84%
20) 2-Butanone-d5	7.07	46	95321m	23.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.54%
24) Chloroform-d	7.65	84	656830	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.30	65	330534	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	1348619	32.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.56%
33) 1,2-Dichloropropane-d6	9.27	67	405654	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.64%#
37) Toluene-d8	10.32	98	1054502	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.88%
38) trans-1,3-Dichloropropene-	10.57	79	121239	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.92	63	81726	32.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	190326	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	145407	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	32345	8.366 ug/L	94
16) Methylene chloride	4.92	84	41704	2.677 ug/L	96
44) Toluene	10.38	91	30240	0.646 ug/L	98

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

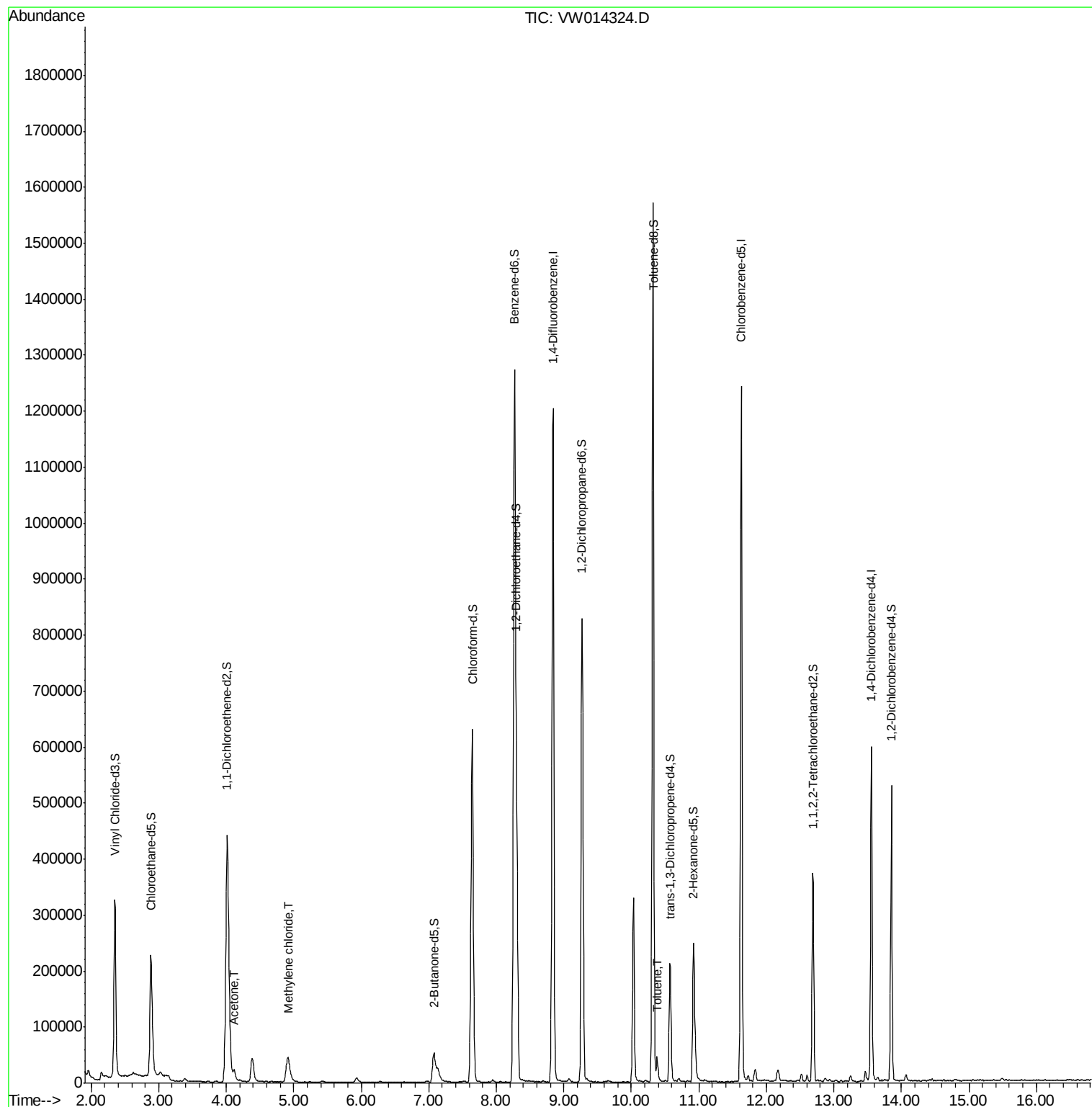
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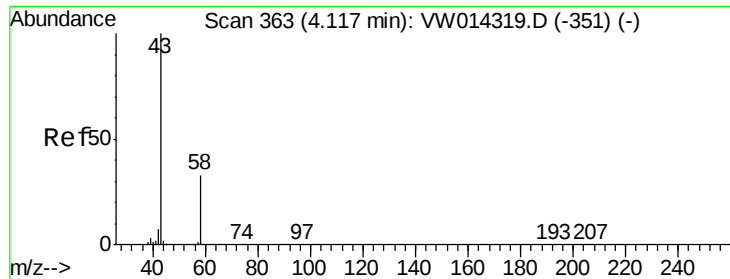
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#13

Acetone

Concen: 8.366 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

BFPZ7RE

Tot Ion: 43 Resp: 32345

Ion Ratio Lower Upper

43 100

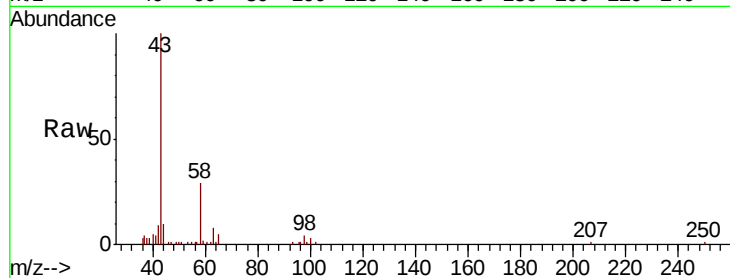
58 29.2 0.0 65.4

Manual Integrations

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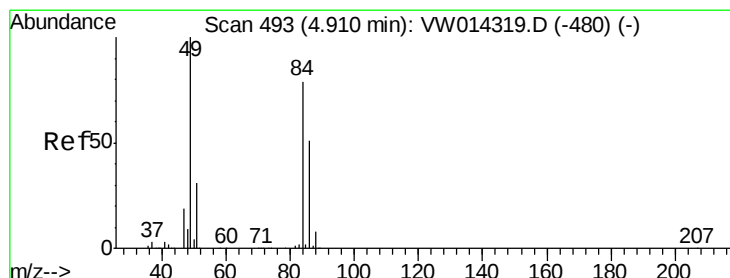
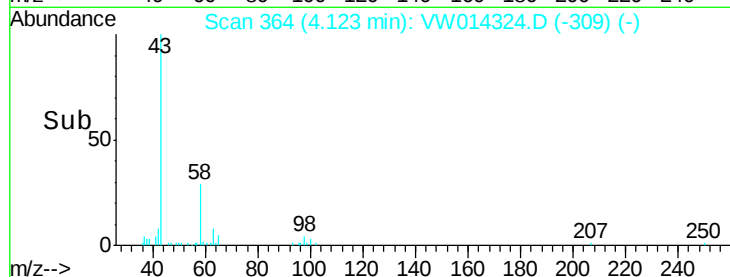
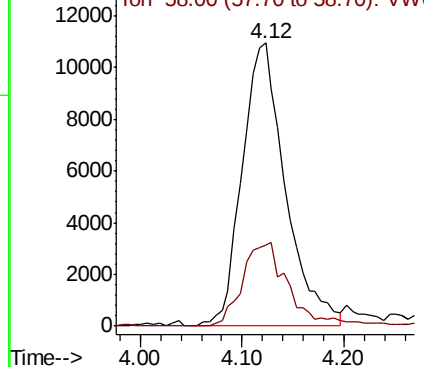
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.677 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014324.D

Acq: 12 Dec 2019 14:20

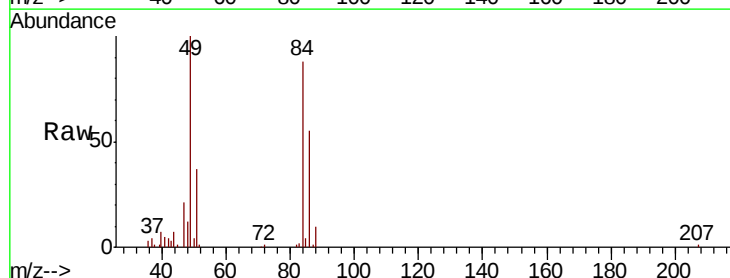
Tgt Ion: 84 Resp: 41704

Ion Ratio Lower Upper

84 100

49 113.3 84.2 156.4

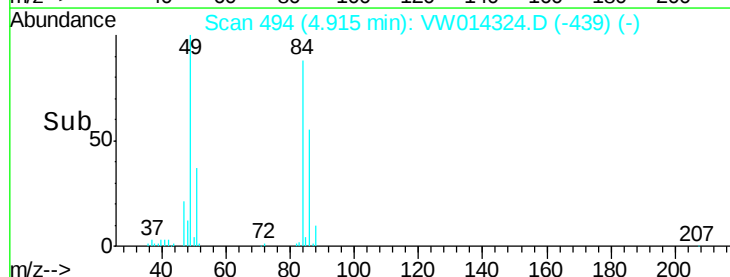
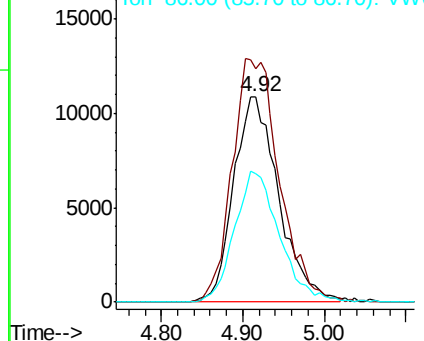
86 62.4 43.7 81.1

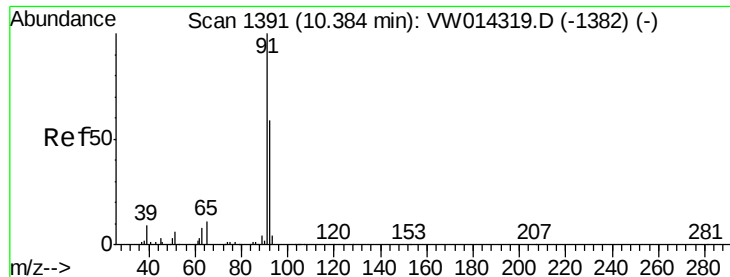


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.646 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Tot Ion: 91 Resp: 30240

Ion Ratio Lower Upper

91 100

92 59.4 40.7 75.7

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