

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009923.D
 Acq On : 11 Apr 2019 19:00
 Operator : SY/VA
 Sample : K2303-18
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF886

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:33 AM

Quant Time: Apr 12 04:35:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340690	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344683	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89331	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
7) Chloroethane-d5	2.89	69	84690	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
10) 1,1-Dichloroethene-d2	4.02	63	176243	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.07	46	108450	74.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.84%#
24) Chloroform-d	7.65	84	248976	26.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	8.31	65	178066m	31.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.80%
29) Benzene-d6	8.27	84	470129	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	9.27	67	158271	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.28%
37) Toluene-d8	10.32	98	395042	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	10.57	79	59921	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.92%
39) 2-Hexanone-d5	10.93	63	67293	63.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139942	26.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	150757	30.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.64%#

Target Compounds				Ovalue
13) Acetone	4.12	43	6688m	4.312 ug/L
16) Methylene chloride	4.92	84	14703m	2.447 ug/L

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

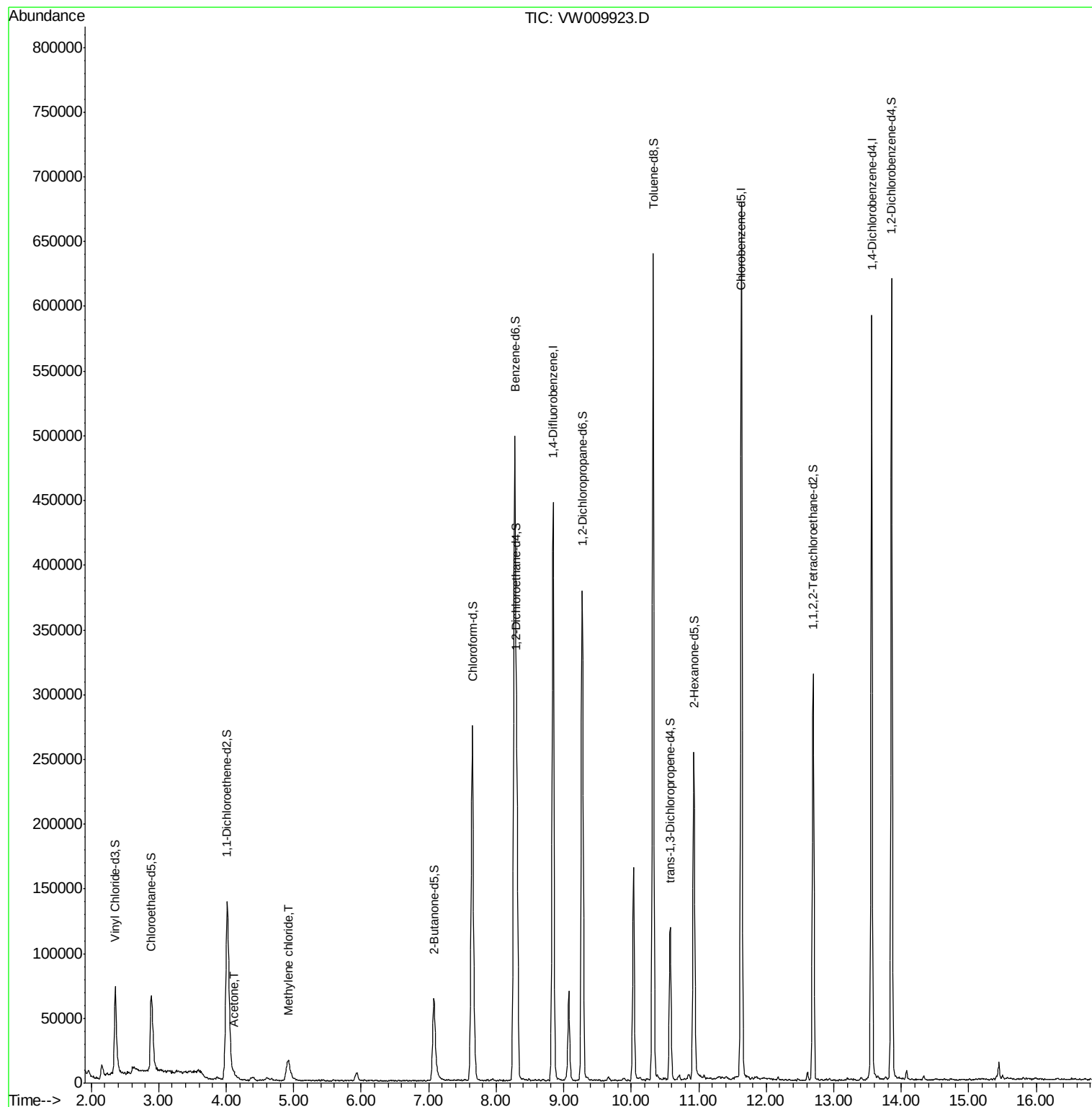
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041119\
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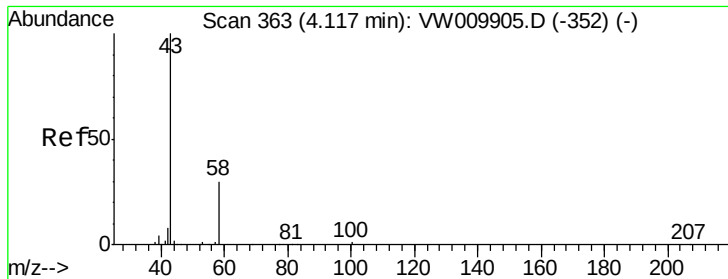
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#13

Acetone

Concen: 4.312 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009923.D

Acq: 11 Apr 2019 19:00

Instrument :

MSVOA_W

ClientSampled :

BF886

Tot Ion: 43 Resp: 6688

Ion Ratio Lower Upper

43 100

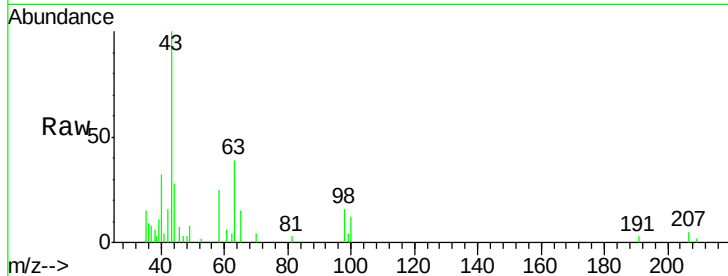
58 11.6 0.0 53.0

Manual Integrations

APPROVED

MMDadoda

4/15/2019 12:30:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

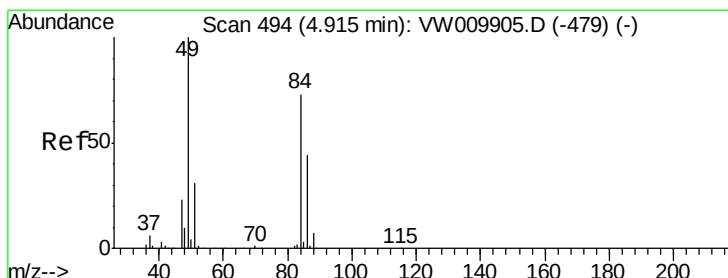
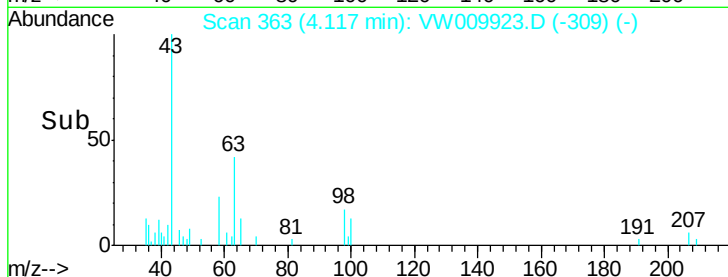
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.447 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 19:00

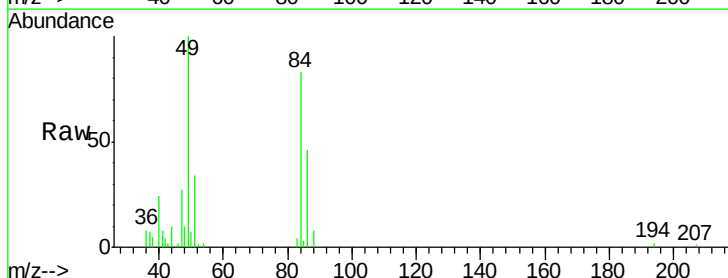
Tgt Ion: 84 Resp: 14703

Ion Ratio Lower Upper

84 100

49 121.0 98.3 182.5

86 55.8 46.4 86.2



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

6000

4000

2000

0

4.80 4.90 5.00 5.10

Time-->

