

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005389.D
 Acq On : 14 Sep 2018 16:04
 Operator : SY/AP
 Sample : J4865-20
 Misc : 3.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P8

Manual Integrations
 APPROVED

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 9/17/2018 5:39:54 PM

Quant Time: Sep 15 00:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 23:16:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	258867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	183504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	52851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81334	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
7) Chloroethane-d5	2.89	69	64696	30.63	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.52%
10) 1,1-Dichloroethene-d2	4.03	63	109662m	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.24%
20) 2-Butanone-d5	7.10	46	24745	21.99	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.98%
24) Chloroform-d	7.65	84	148725	30.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.20%
26) 1,2-Dichloroethane-d4	8.32	65	87238	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.00%
29) Benzene-d6	8.28	84	287543	39.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	156.12%#
33) 1,2-Dichloropropane-d6	9.28	67	84624	40.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.96%#
37) Toluene-d8	10.33	98	246291	33.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.00%#
38) trans-1,3-Dichloropropene-	10.58	79	28818	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.56%
39) 2-Hexanone-d5	10.93	63	18432	28.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.30%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	45304	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	38908	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds						Ovalue
13) Acetone	4.15	43	581685	550.59	ug/L	99
16) Methylene chloride	4.93	84	16988	3.46	ug/L	96
21) 2-Butanone	7.18	43	63625	39.30	ug/L	98

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

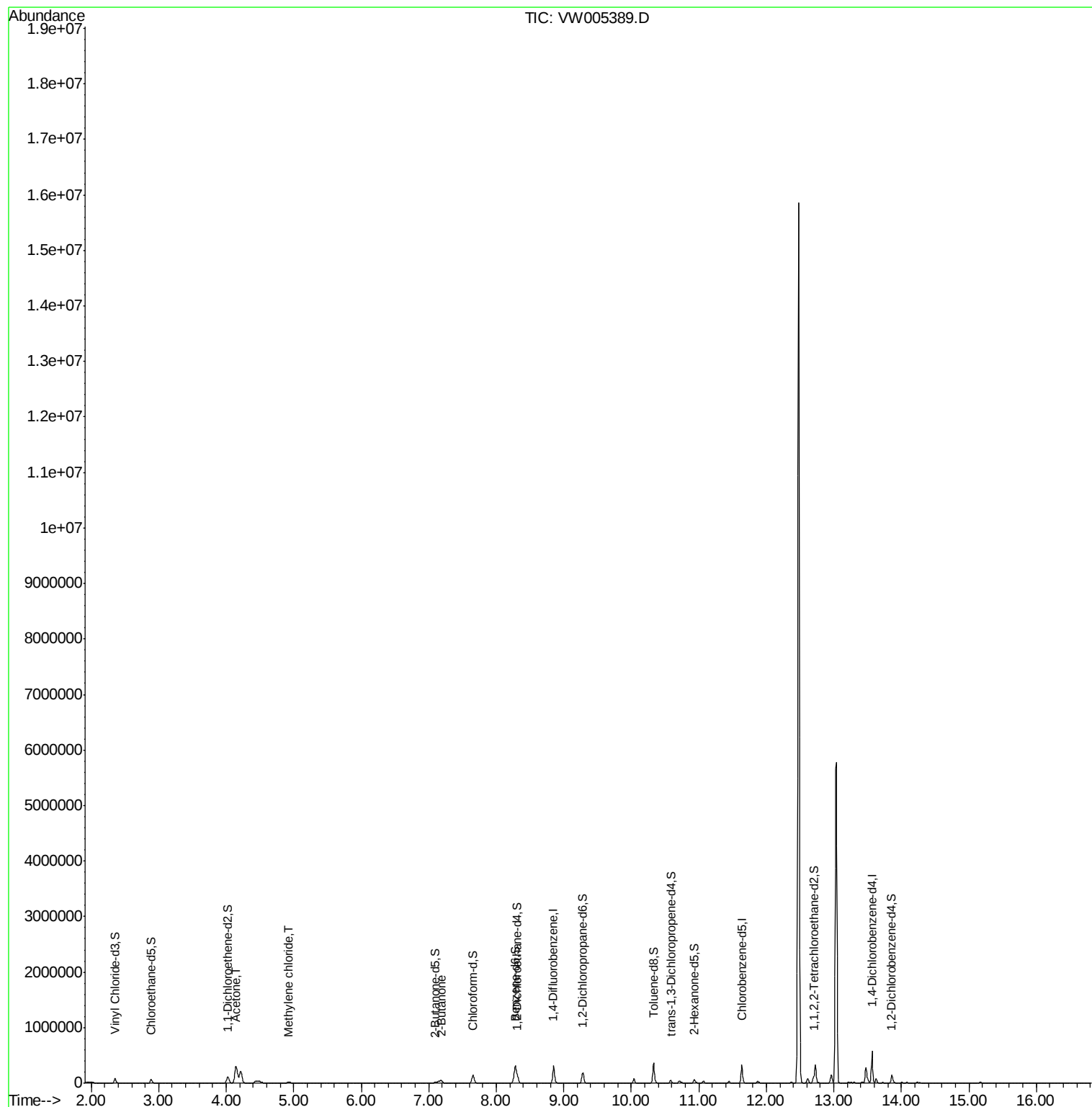
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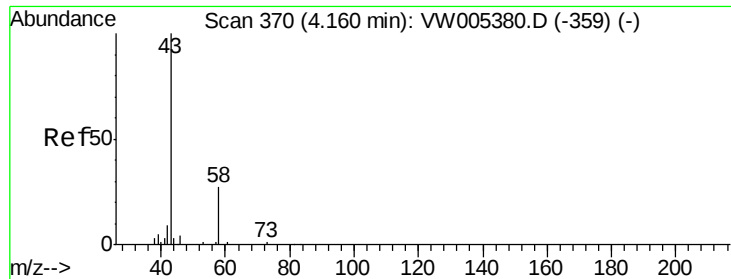
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#13

Acetone

Concen: 550.59 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005389.D

Acq: 14 Sep 2018 16:04

Tot Ion: 43 Resp: 581685

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.6

Instrument :

MSVOA_W

ClientSampleId :

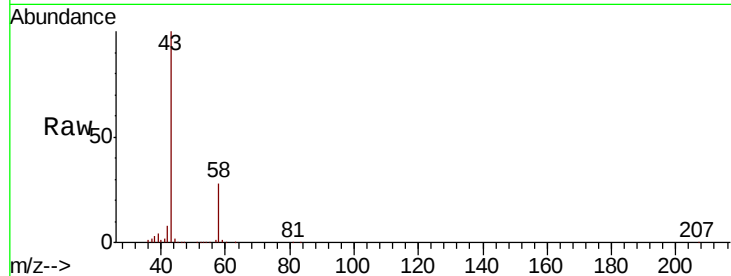
DB3P8

Manual Integrations

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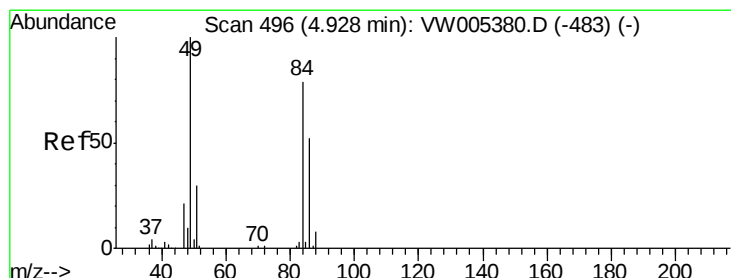
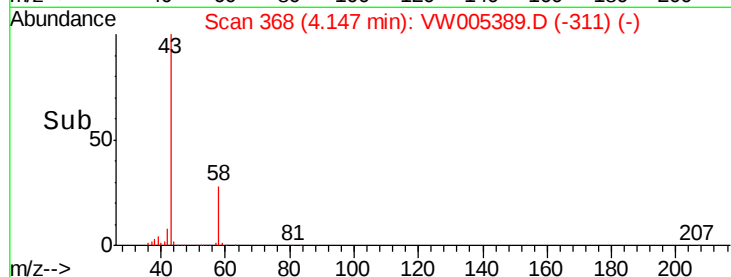
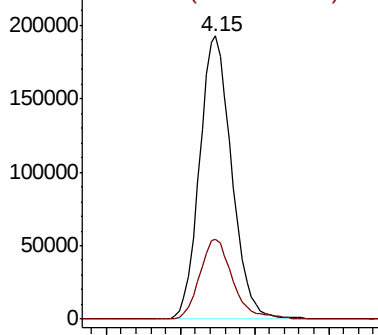
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.46 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW005389.D

Acq: 14 Sep 2018 16:04

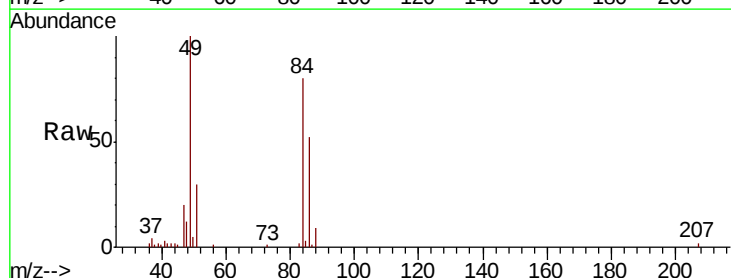
Tgt Ion: 84 Resp: 16988

Ion Ratio Lower Upper

84 100

49 125.7 90.9 168.7

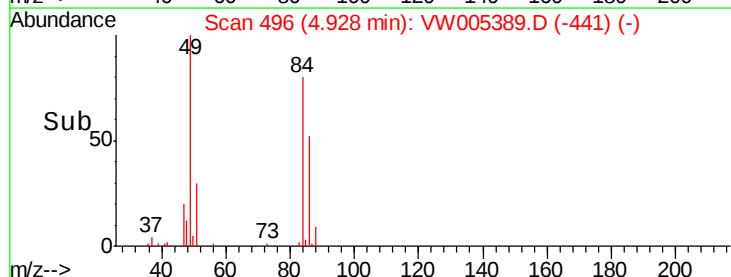
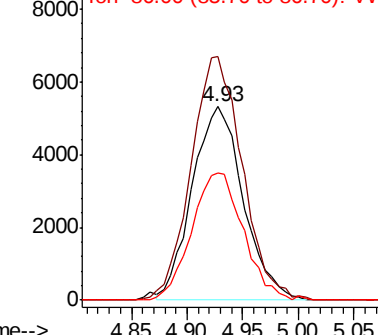
86 65.8 43.6 81.0

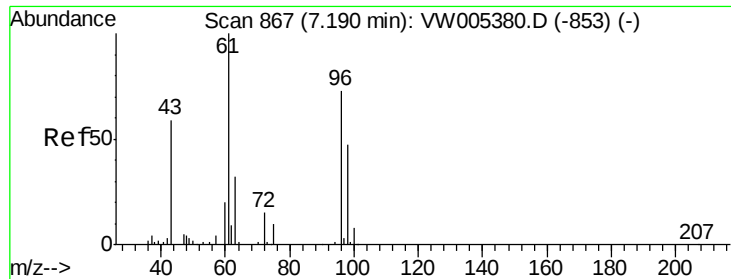


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21
 2-Butanone
 Concen: 39.30 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW005389.D
 Acq: 14 Sep 2018 16:04

Instrument :
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 DB3P8

Tot Ion: 43 Resp: 63625
 Ion Ratio Lower Upper
 43 100
 72 24.8 11.8 35.4

Manual Integrations
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