

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005393.D
 Acq On : 14 Sep 2018 17:46
 Operator : SY/AP
 Sample : J4865-09RE
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N7RE

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:39:56 PM

Quant Time: Sep 16 11:39:38 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	27301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	9780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8718	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	7419	33.30	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.20%
10) 1,1-Dichloroethene-d2	4.03	63	13234	23.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.08%
20) 2-Butanone-d5	7.09	46	6421	54.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.22%
24) Chloroform-d	7.66	84	16110	31.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.56%
26) 1,2-Dichloroethane-d4	8.31	65	12262	37.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	150.60%#
29) Benzene-d6	8.28	84	33592	30.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.96%
33) 1,2-Dichloropropane-d6	9.28	67	10804	34.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.52%#
37) Toluene-d8	10.33	98	28897	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
38) trans-1,3-Dichloropropene-	10.59	79	4759	30.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.96%
39) 2-Hexanone-d5	10.93	63	3418	35.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	9869	30.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.00%#
61) 1,2-Dichlorobenzene-d4	13.87	152	8831	30.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.36%#

Target Compounds					Ovalue
13) Acetone	4.14	43	1349	12.11	ug/L 59
16) Methylene chloride	4.93	84	1745m	3.37	ug/L

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

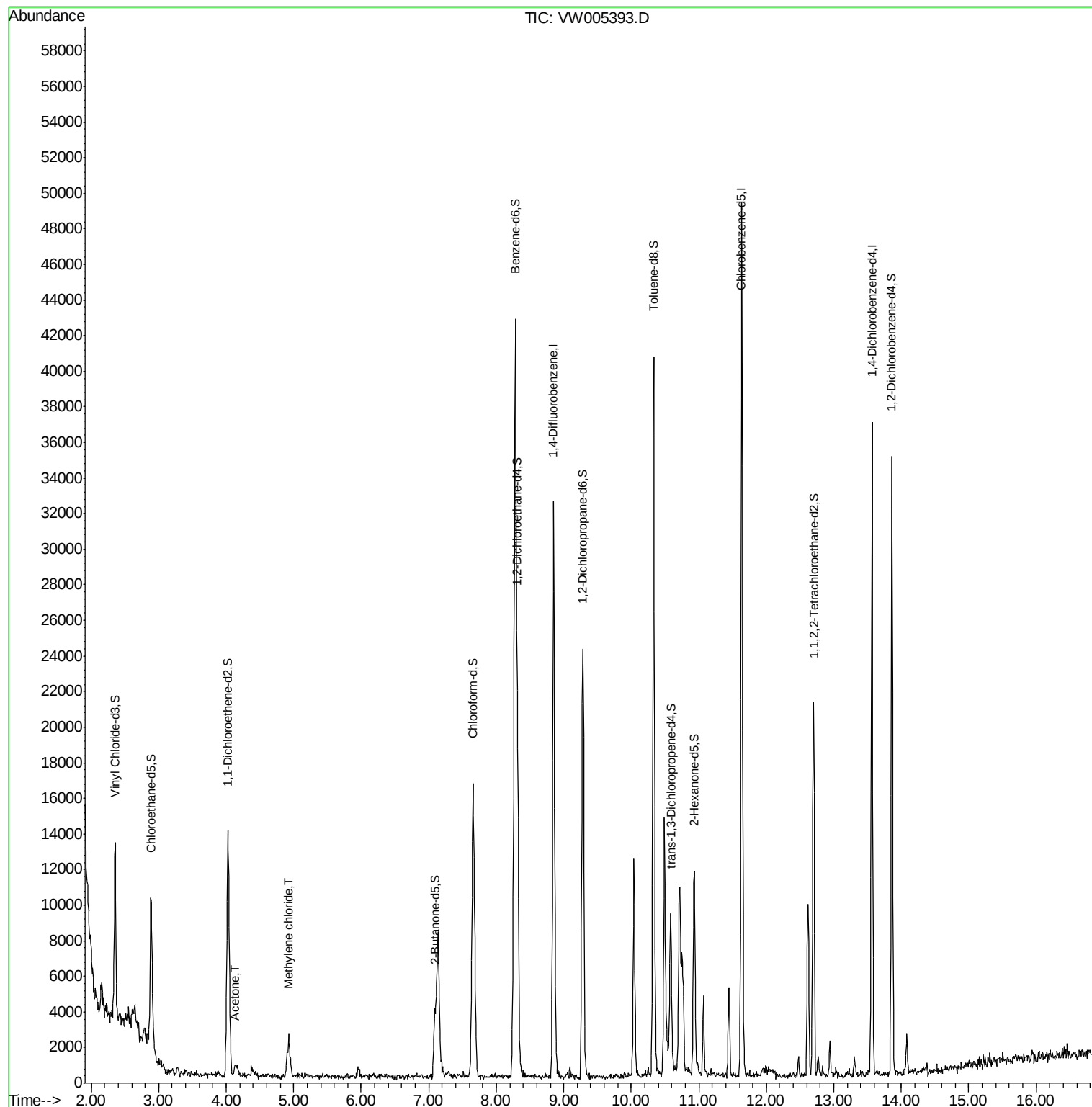
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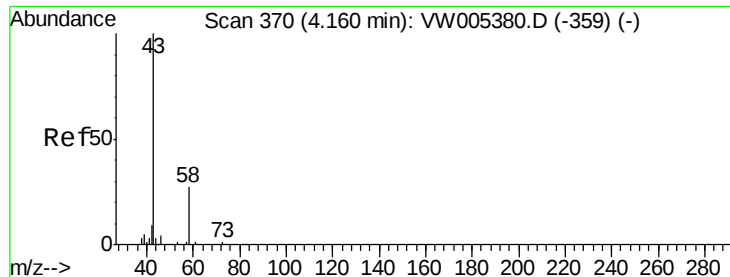
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#13

Acetone

Concen: 12.11 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

Instrument :

MSVOA_W

ClientSampled :

DB3N7RE

Tot Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

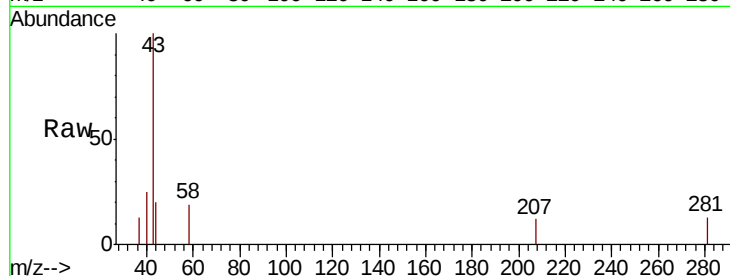
58 7.0 0.0 57.6

Manual Integrations

APPROVED

MMDadoda

9/17/2018 5:39:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

500

400

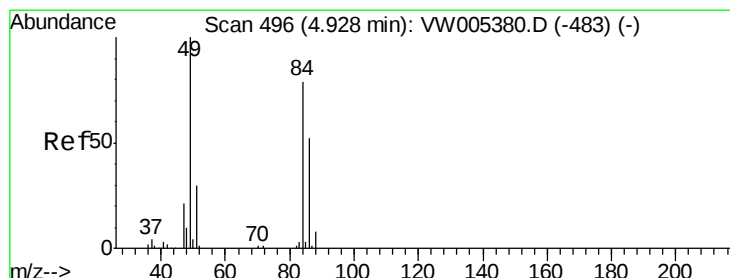
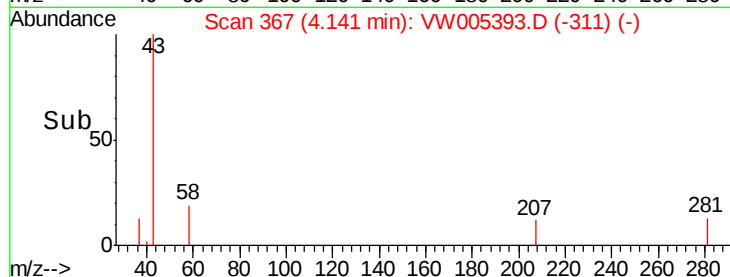
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 3.37 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

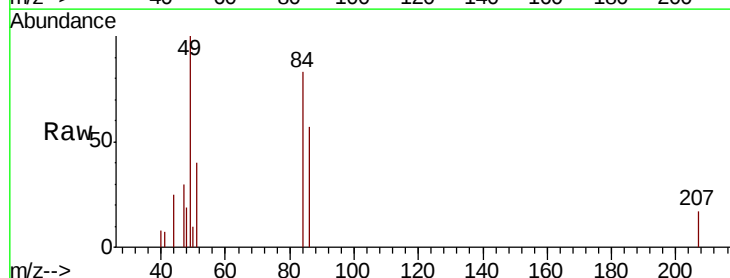
Tgt Ion: 84 Resp: 1745

Ion Ratio Lower Upper

84 100

49 120.9 90.9 168.7

86 68.4 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

1000

800

600

400

200

0

Time--> 4.80 4.90 5.00

