

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005387.D
 Acq On : 14 Sep 2018 15:14
 Operator : SY/AP
 Sample : J4865-16
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P4

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:39:53 PM

Quant Time: Sep 14 23:38:05 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	256693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	218582	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71709	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
7) Chloroethane-d5	2.89	69	58723	28.03	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
10) 1,1-Dichloroethene-d2	4.03	63	95798	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	7.09	46	37742	33.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.64%
24) Chloroform-d	7.65	84	136132	28.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.76%
26) 1,2-Dichloroethane-d4	8.32	65	91403	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.40%
29) Benzene-d6	8.28	84	264687	30.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.64%
33) 1,2-Dichloropropane-d6	9.28	67	81206	32.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.68%#
37) Toluene-d8	10.33	98	240059	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.00%
38) trans-1,3-Dichloropropene-	10.59	79	32819	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.76%
39) 2-Hexanone-d5	10.93	63	27128	34.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	57687	22.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	55627	25.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.80%

Target Compounds					Ovalue
13) Acetone	4.16	43	2203	2.10 ug/L	79
16) Methylene chloride	4.93	84	7596m	1.56 ug/L	

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

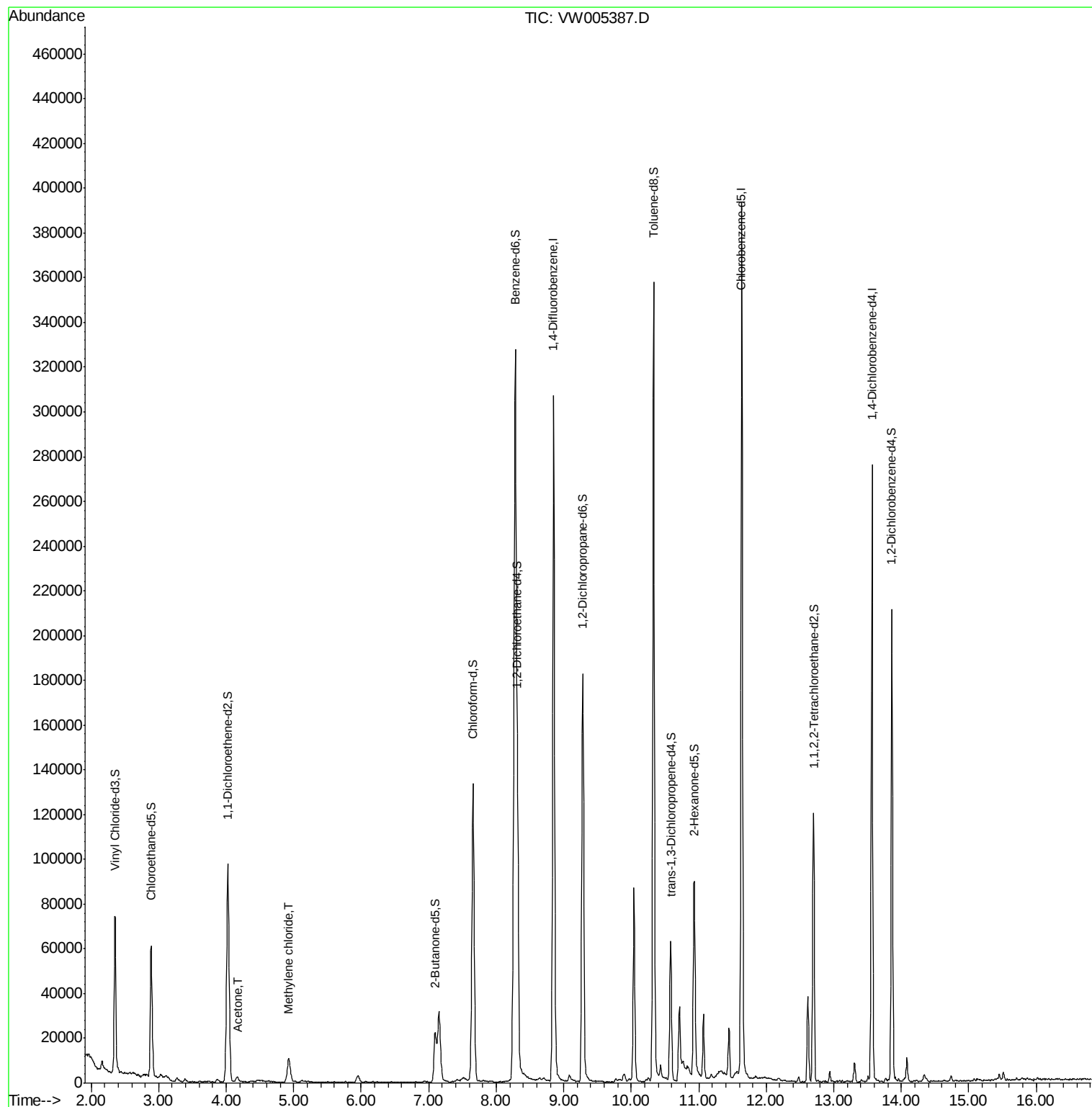
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091518\
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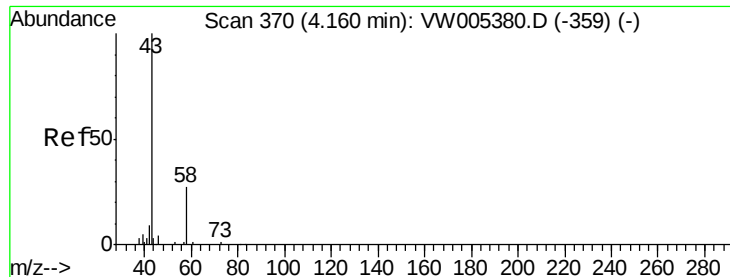
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#13

Acetone

Concen: 2.10 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW005387.D

Acq: 14 Sep 2018 15:14

Instrument :

MSVOA_W

ClientSampleId :

DB3P4

Tot Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

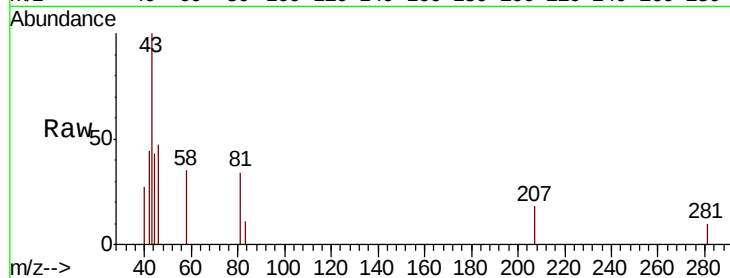
58 17.6 0.0 57.6

Manual Integrations

APPROVED

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9/17/2018 5:39:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

800

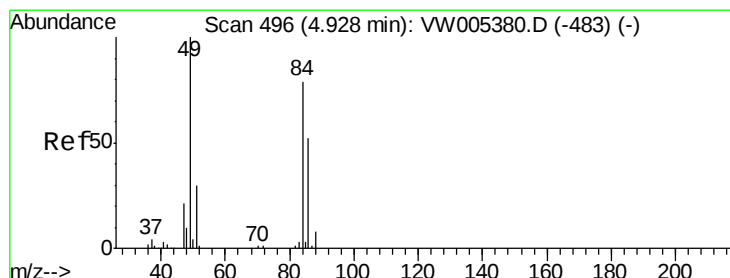
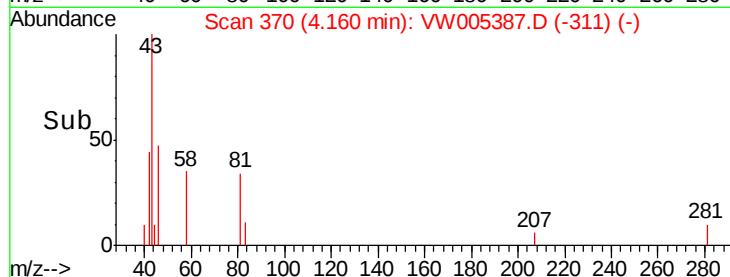
600

400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 1.56 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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Acq: 14 Sep 2018 15:14

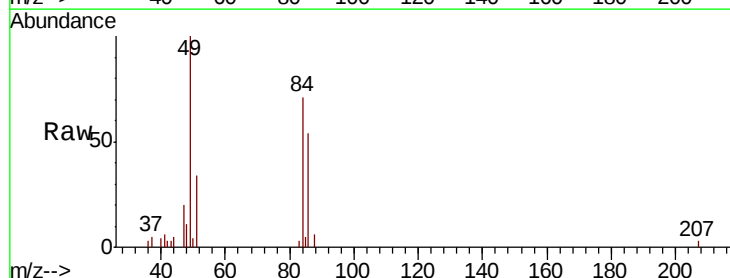
Tgt Ion: 84 Resp: 7596

Ion Ratio Lower Upper

84 100

49 140.4 90.9 168.7

86 76.4 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

4000

3000

2000

1000

0

Time--> 4.80 4.90 4.93 5.00 5.10

