

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009908.D
 Acq On : 11 Apr 2019 12:12
 Operator : SY/VA
 Sample : K2278-23
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6Z6

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:22 AM

Quant Time: Apr 12 02:30:59 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	309969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44295	10.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.68%
7) Chloroethane-d5	2.90	69	59708	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
10) 1,1-Dichloroethene-d2	4.01	63	102083	11.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.80%
20) 2-Butanone-d5	7.07	46	134466	102.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	204.20%#
24) Chloroform-d	7.65	84	264274	31.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.00%
26) 1,2-Dichloroethane-d4	8.31	65	210327	40.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	162.00%#
29) Benzene-d6	8.27	84	425254	22.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.48%
33) 1,2-Dichloropropane-d6	9.27	67	170777	29.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.68%
37) Toluene-d8	10.32	98	365290	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	74850	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.12%
39) 2-Hexanone-d5	10.93	63	84596	77.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.62%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	194844	36.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.40%#
61) 1,2-Dichlorobenzene-d4	13.86	152	178961	29.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.60%

Target Compounds					Ovalue
13) Acetone	4.12	43	11382	8.066 ug/L	95
16) Methylene chloride	4.91	84	22335m	4.086 ug/L	

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

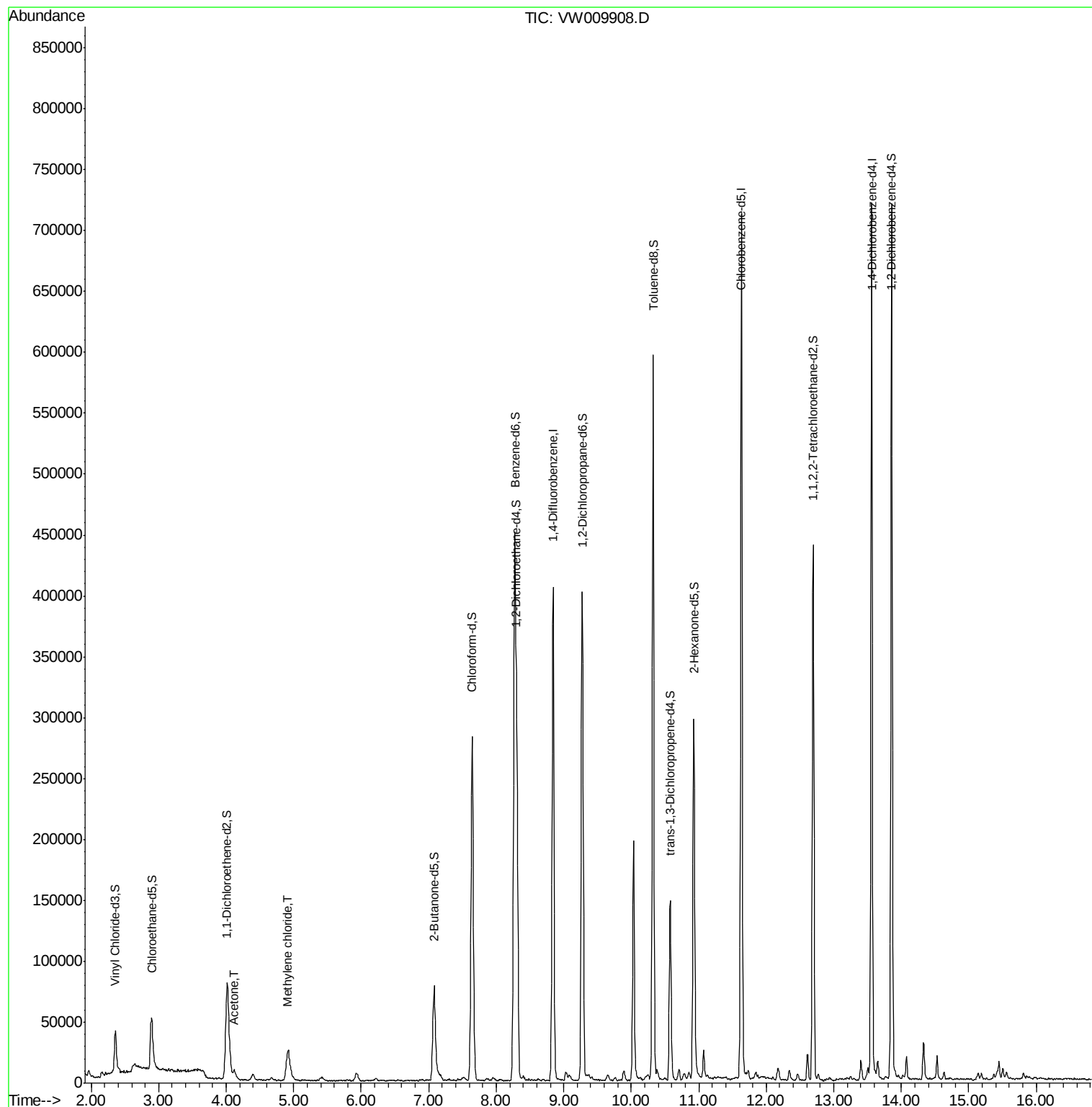
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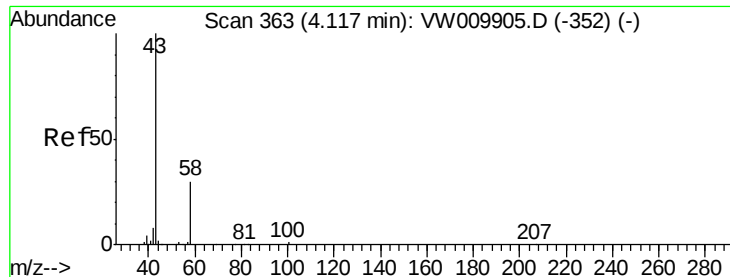
Instrument :
MSVOA_W
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#13

Acetone

Concen: 8.066 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009908.D

Acq: 11 Apr 2019 12:12

Instrument :

MSVOA_W

ClientSampled :

DB6Z6

Tot Ion: 43 Resp: 11382

Ion Ratio Lower Upper

43 100

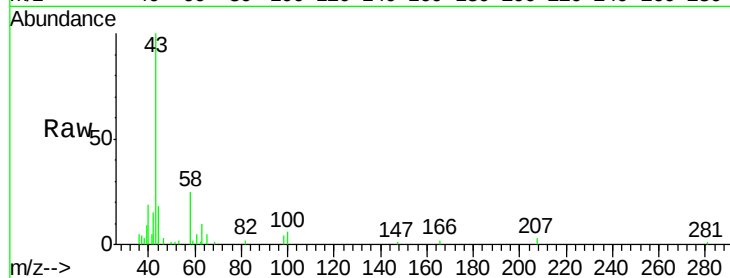
58 24.0 0.0 53.0

Manual Integrations

APPROVED

MMDadoda

4/15/2019 12:30:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

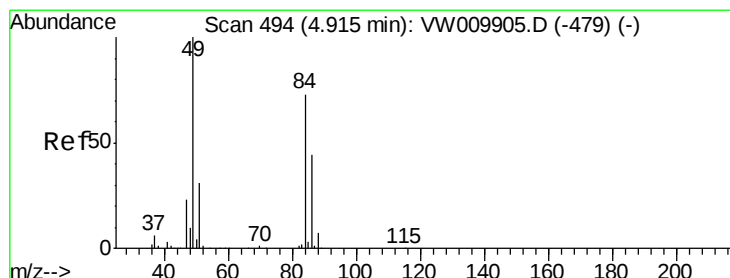
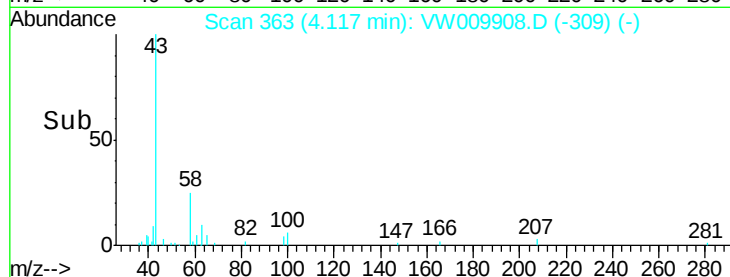
2000

1000

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 4.086 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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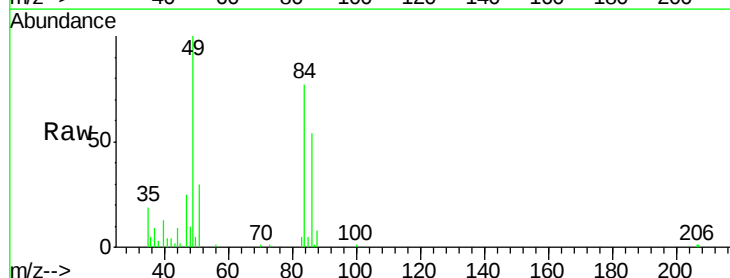
Tgt Ion: 84 Resp: 22335

Ion Ratio Lower Upper

84 100

49 130.6 98.3 182.5

86 70.0 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

10000

8000

6000

4000

2000

0

Time-->

4.70 4.80 4.90 5.00 5.10

