

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017553.D
 Acq On : 04 Dec 2020 14:07
 Operator : SY/VA
 Sample : L4941-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY1

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:12 PM

Quant Time: Dec 20 03:23:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387293	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97100	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
7) Chloroethane-d5	2.90	69	87885	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
10) 1,1-Dichloroethene-d2	4.03	63	167619m	14.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	7.09	46	46908	43.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.32%
24) Chloroform-d	7.65	84	247416	22.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	8.31	65	127098	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	8.28	84	462978	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	9.27	67	138485	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	10.33	98	400477	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloropropene-	10.58	79	47130	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.08%
39) 2-Hexanone-d5	10.93	63	26509	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89312	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	94439	23.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.40%

Target Compounds					Ovalue
13) Acetone	4.12	43	7981m	7.720 ug/L	
16) Methylene chloride	4.93	84	28926	4.975 ug/L	98

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

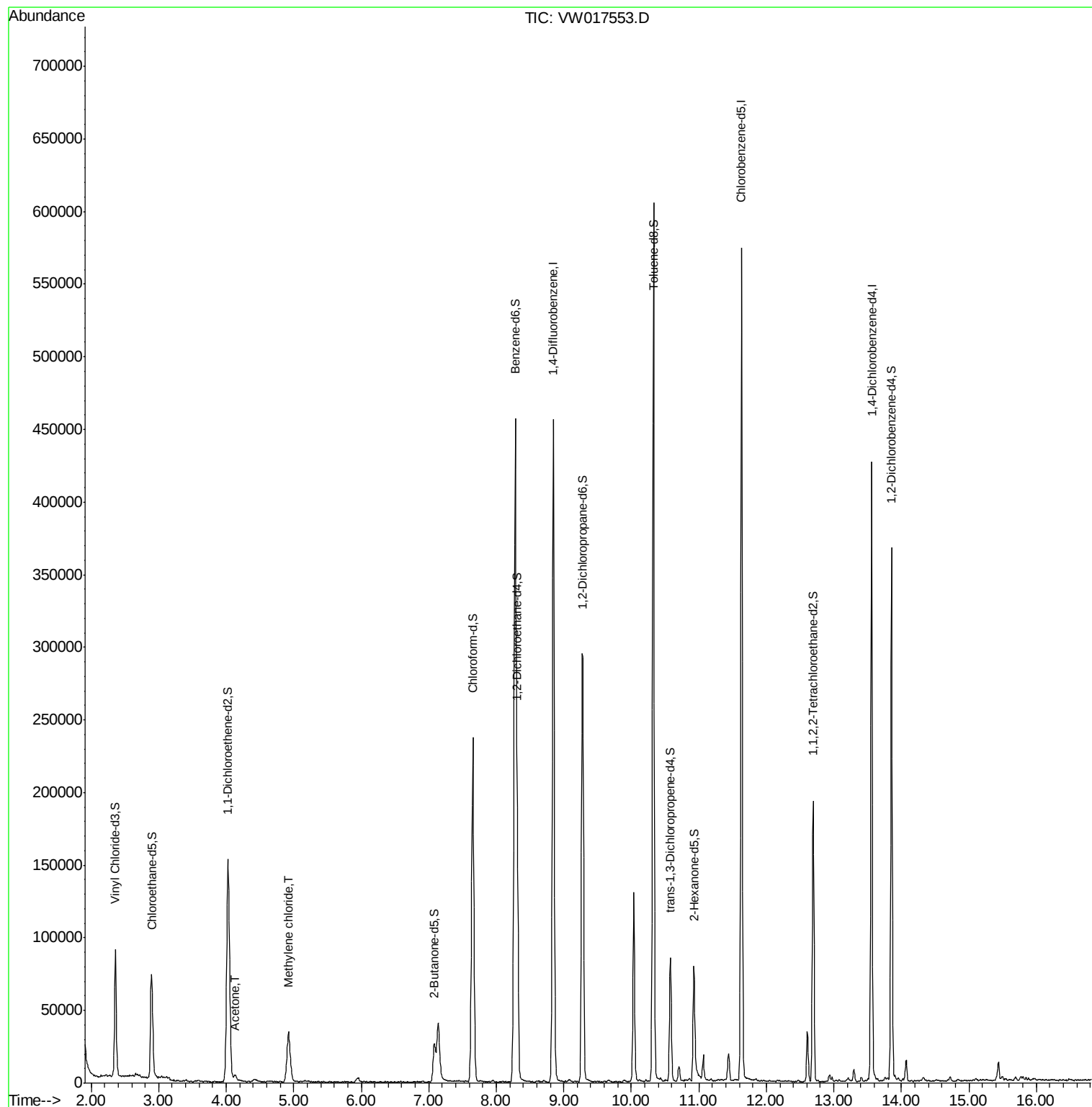
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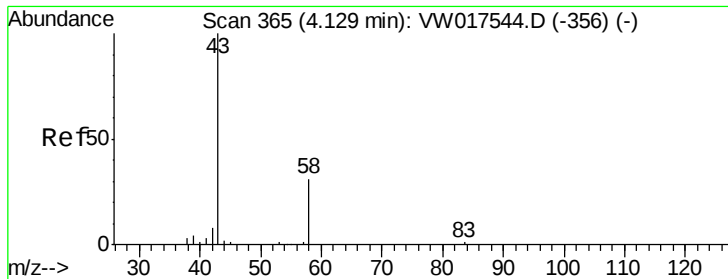
Instrument :
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#13

Acetone

Concen: 7.720 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017553.D

Acq: 04 Dec 2020 14:07

Instrument :

MSVOA_W

ClientSampled :

C0AY1

Tot Ion: 43 Resp: 7981

Ion Ratio Lower Upper

43 100

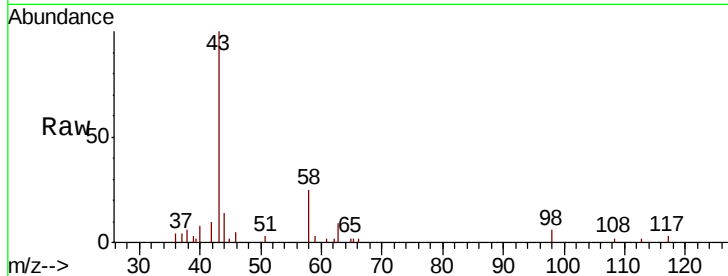
58 0.9 0.0 68.4

Manual Integrations

APPROVED

MMDadoda

12/21/2020 1:36:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

2500

2000

1500

1000

500

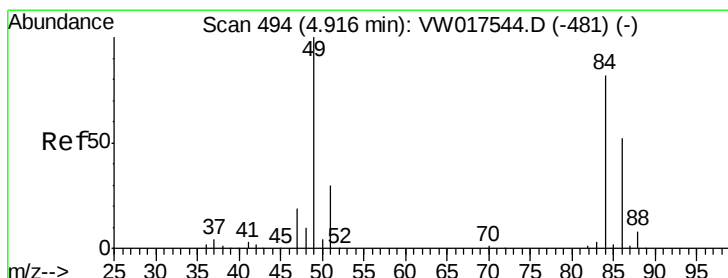
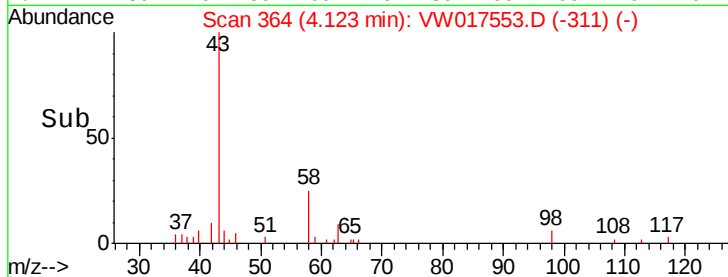
0

4.12

4.10

4.20

Time-->



#16

Methylene chloride

Concen: 4.975 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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Acq: 04 Dec 2020 14:07

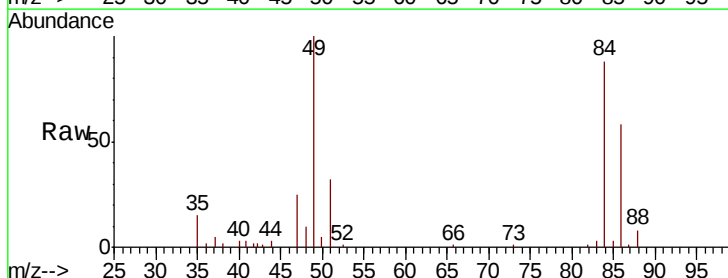
Tgt Ion: 84 Resp: 28926

Ion Ratio Lower Upper

84 100

49 113.6 81.2 150.8

86 65.9 44.5 82.7



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

5000

0

4.93

4.80

5.00

Time-->

