

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011121\
 Data File : VW017818.D
 Acq On : 11 Jan 2021 14:51
 Operator : SY/VA
 Sample : M1074-06
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT45

Manual Integrations
 APPROVED

SAM
 1/12/2021 9:30:49 PM

Quant Time: Jan 12 06:11:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135612	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
7) Chloroethane-d5	2.89	69	105553	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
10) 1,1-Dichloroethene-d2	4.02	63	178976	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.08	46	39288	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	7.65	84	218375	23.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	8.31	65	118332	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	8.27	84	441845	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.27	67	125046	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	412534	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.36%
38) trans-1,3-Dichloropropene-	10.58	79	50276	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.80%
39) 2-Hexanone-d5	10.93	63	27084	43.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78222	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	114412	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds					Ovalue
13) Acetone	4.14	43	2007m	2.590 ug/L	
16) Methylene chloride	4.92	84	10693	2.090 ug/L	82

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

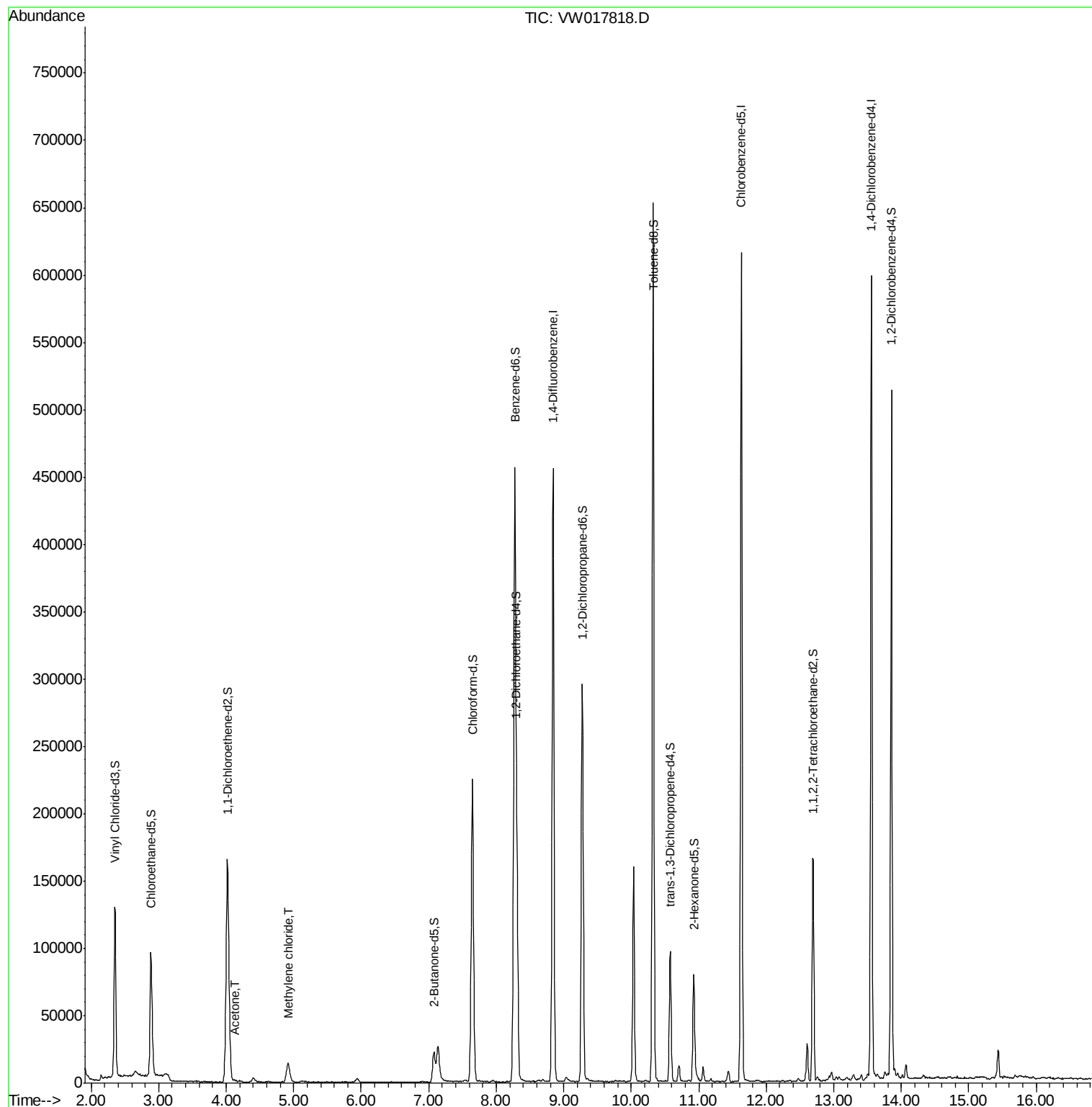
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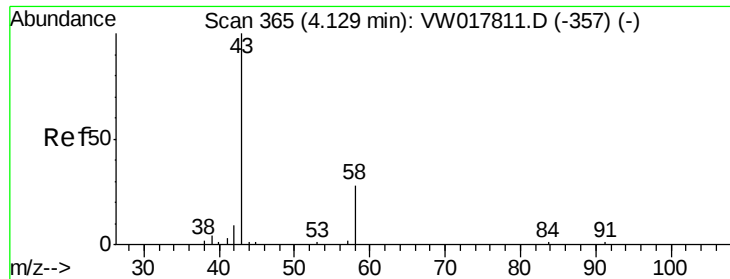
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#13

Acetone

Concen: 2.590 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017818.D

Acq: 11 Jan 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFT45

Tot Ion: 43 Resp: 2007

Ion Ratio Lower Upper

43 100

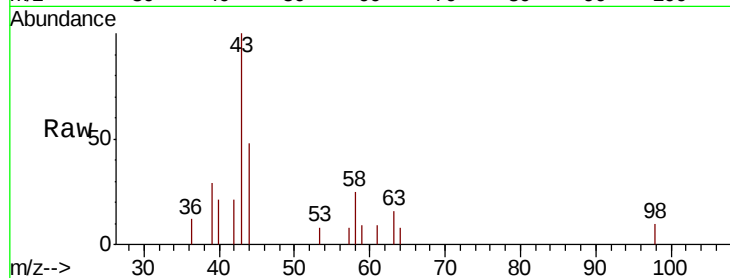
58 23.6 0.0 60.8

Manual Integrations

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1/12/2021 9:30:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

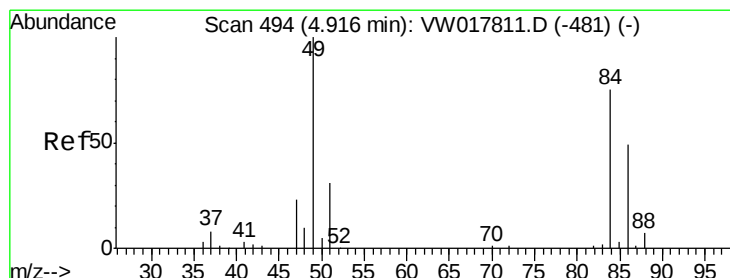
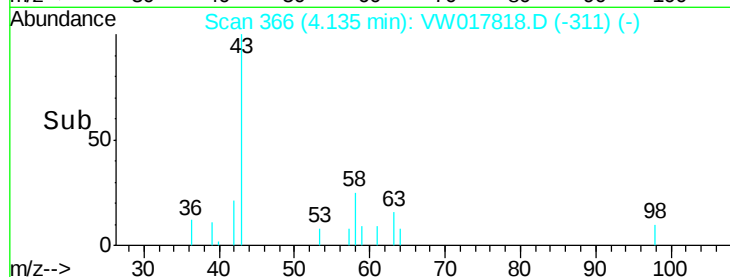
600

400

200

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 2.090 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 11 Jan 2021 14:51

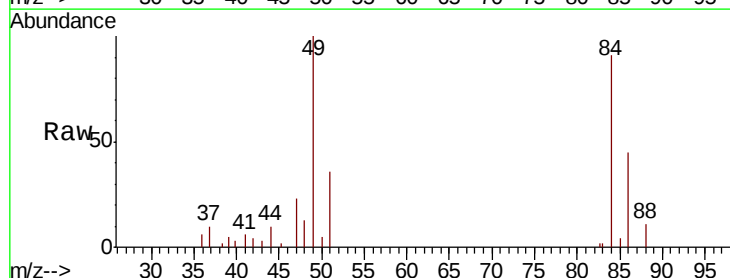
Tgt Ion: 84 Resp: 10693

Ion Ratio Lower Upper

84 100

49 109.4 90.5 168.1

86 48.8 44.8 83.2



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

6000

5000

4000

3000

2000

1000

0

Time--> 4.80 4.85 4.90 4.95 5.00

