

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
 Data File : VW017837.D
 Acq On : 12 Jan 2021 15:52
 Operator : SY/VA
 Sample : M1074-21
 Misc : 4.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT59

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 4:00:22 PM

Quant Time: Jan 14 23:27:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	322794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	134970	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114905	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
7) Chloroethane-d5	2.89	69	94484	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.02	63	151010	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.40%
20) 2-Butanone-d5	7.08	46	42312	52.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.54%
24) Chloroform-d	7.65	84	192947	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	111416	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	381888	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.27	67	110313	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.32	98	356944	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	45218	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.93	63	29619	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79659	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	104452	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds					Ovalue
13) Acetone	4.14	43	2068m	2.958 ug/L	
16) Methylene chloride	4.92	84	27274	5.909 ug/L	93

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

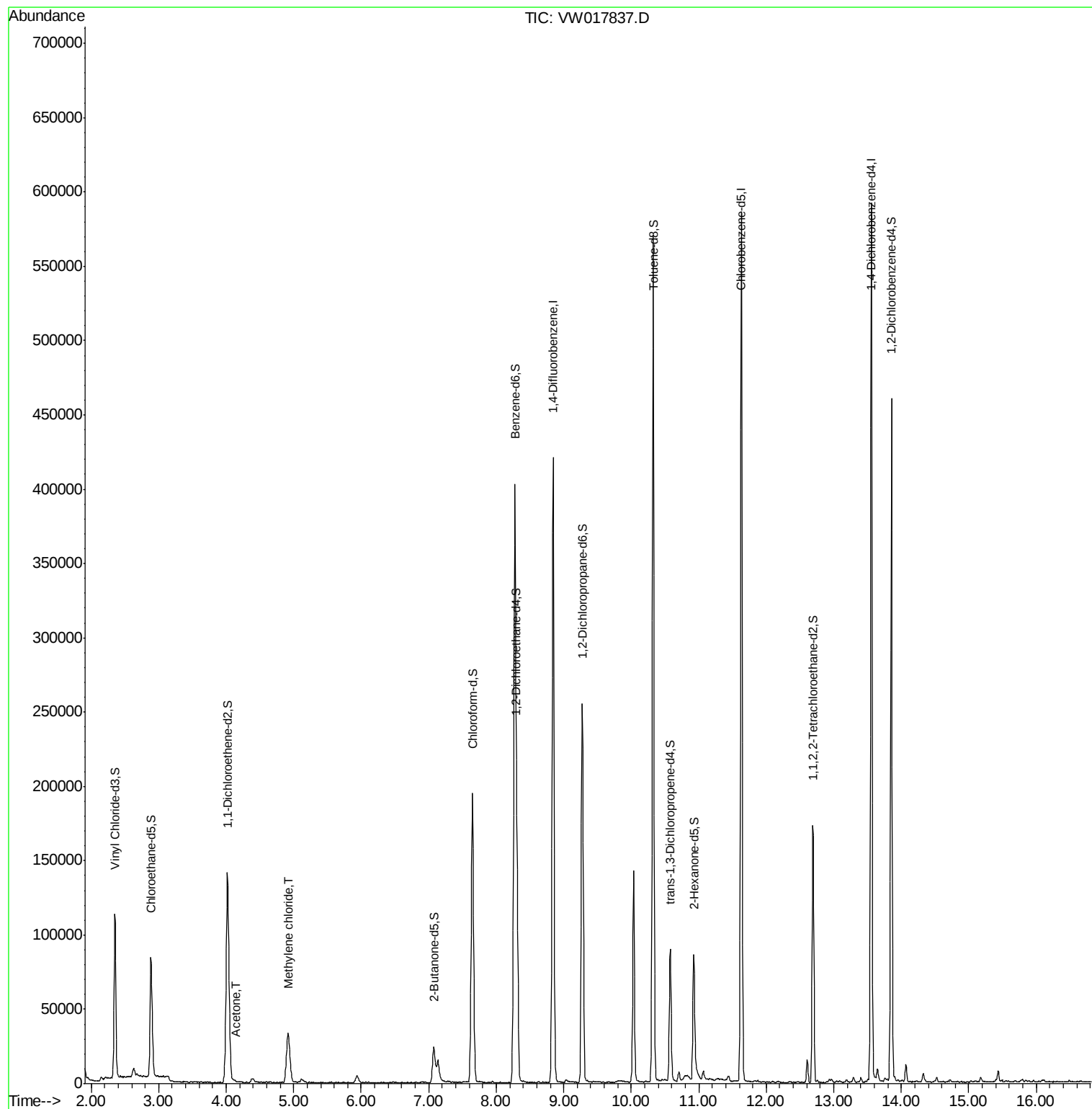
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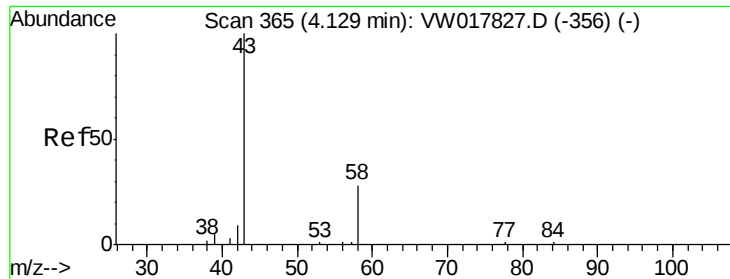
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#13

Acetone

Concen: 2.958 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017837.D

Acq: 12 Jan 2021 15:52

Tot Ion: 43 Resp: 2068

Ion Ratio Lower Upper

43 100

58 8.3 0.0 60.8

Instrument :

MSVOA_W

ClientSampleId :

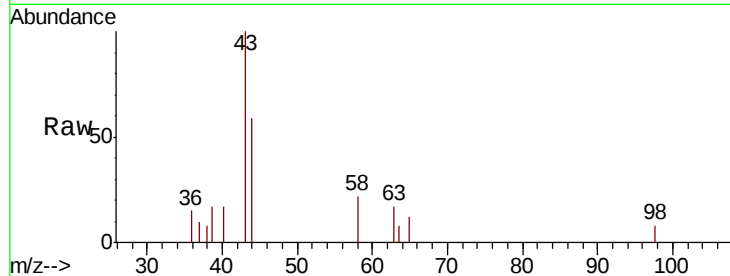
BFT59

Manual Integrations

APPROVED

MMDadoda

1/15/2021 4:00:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

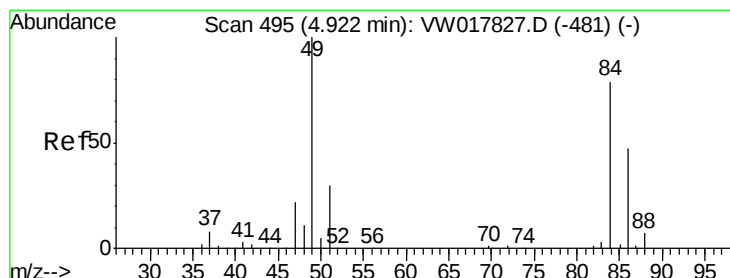
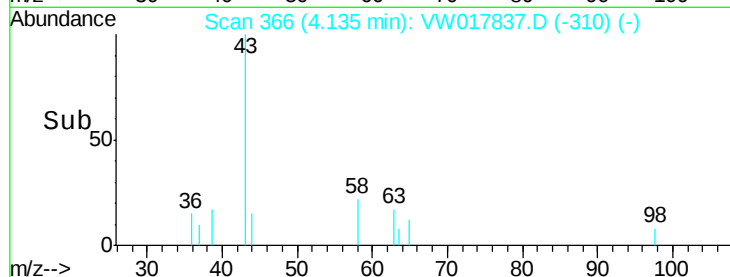
400

200

0

4.10 4.20

Time-->



#16

Methylene chloride

Concen: 5.909 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017837.D

Acq: 12 Jan 2021 15:52

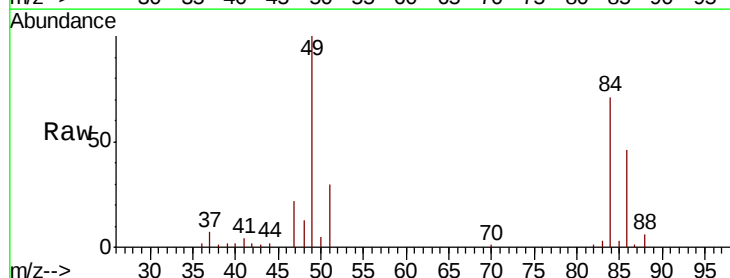
Tgt Ion: 84 Resp: 27274

Ion Ratio Lower Upper

84 100

49 140.7 90.5 168.1

86 64.9 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

4.92

10000

5000

0

4.80 4.90 5.00

Time-->

