

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017369.D
 Acq On : 19 Nov 2020 14:12
 Operator : SY/VA
 Sample : L4793-03
 Misc : 6.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BA3

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:43:44 PM

Quant Time: Nov 20 03:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 01:18:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129803	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
7) Chloroethane-d5	2.89	69	102260	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.02	63	164595	15.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.84%
20) 2-Butanone-d5	7.08	46	33315	34.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.84%
24) Chloroform-d	7.65	84	219169	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	8.31	65	101974	20.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.72%
29) Benzene-d6	8.27	84	433804	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	9.27	67	116572	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.96%
37) Toluene-d8	10.32	98	405241	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	10.58	79	45212	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	25426	34.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78867	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	130030	21.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.96%

Target Compounds					Ovalue
13) Acetone	4.14	43	1589m	2.250 ug/L	
16) Methylene chloride	4.92	84	17716	2.602 ug/L	98

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

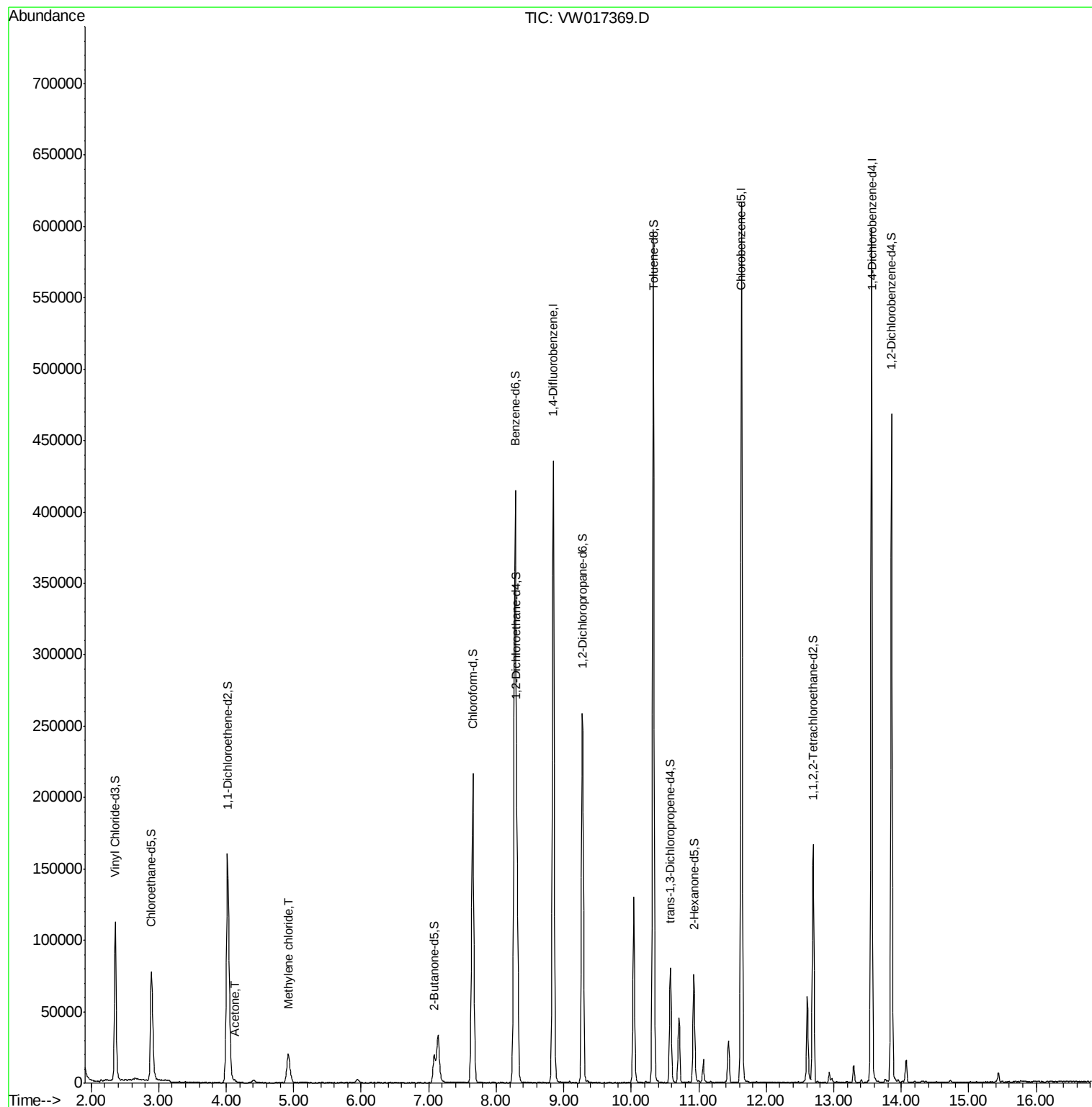
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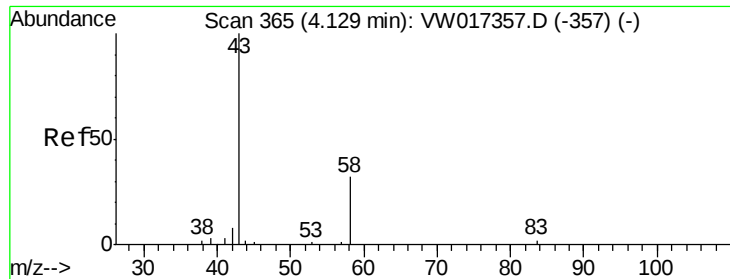
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#13

Acetone

Concen: 2.250 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017369.D

Acq: 19 Nov 2020 14:12

Instrument :

MSVOA_W

ClientSampleId :

C0BA3

Tot Ion: 43 Resp: 1589

Ion Ratio Lower Upper

43 100

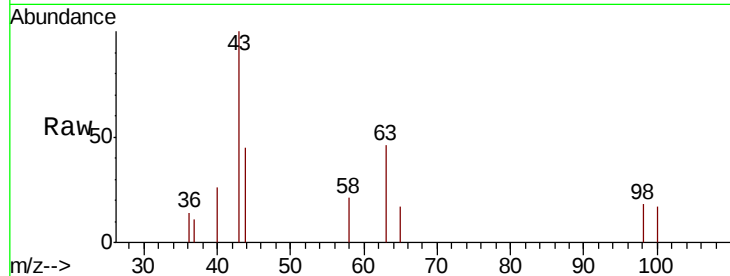
58 14.0 0.0 67.0

Manual Integrations

APPROVED

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11/23/2020 1:43:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

300

200

100

0

4.05

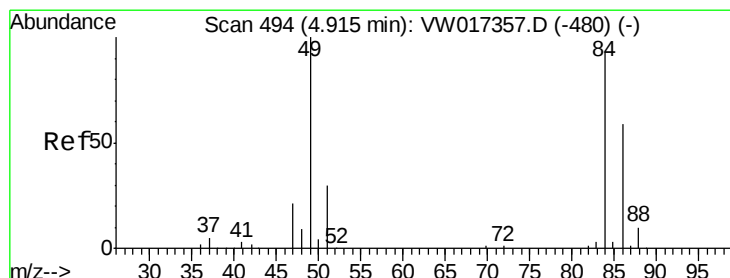
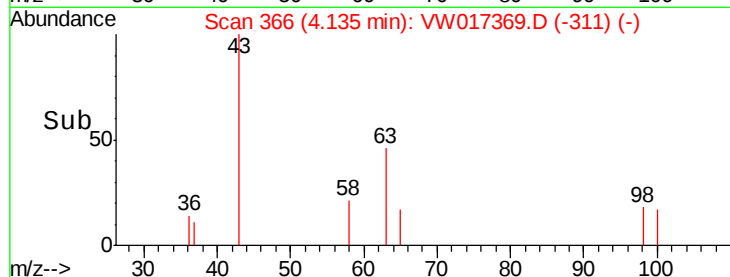
4.10

4.15

4.20

4.25

Time-->



#16

Methylene chloride

Concen: 2.602 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 19 Nov 2020 14:12

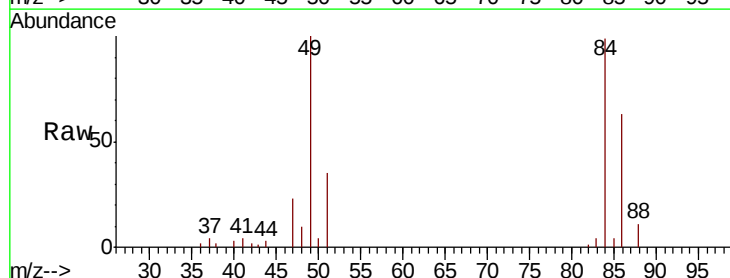
Tgt Ion: 84 Resp: 17716

Ion Ratio Lower Upper

84 100

49 101.2 71.5 132.9

86 63.6 42.8 79.4



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

4000

2000

0

4.80

4.90

5.00

Time-->

