

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016008.D
 Acq On : 30 Jul 2020 13:58
 Operator : SY/VA
 Sample : L3492-13
 Misc : 4.44G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AB2

Quant Time: Jul 31 07:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	527597	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138337	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	2.90	69	118882	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
10) 1,1-Dichloroethene-d2	4.01	63	221672	14.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.92%
20) 2-Butanone-d5	7.09	46	66649	34.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.16%
24) Chloroform-d	7.65	84	301407	20.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.36%
26) 1,2-Dichloroethane-d4	8.31	65	152999	18.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.24%
29) Benzene-d6	8.28	84	613202	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	9.28	67	185814	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	10.33	98	539477	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.80%
38) trans-1,3-Dichloropropene-	10.59	79	68895	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.88%
39) 2-Hexanone-d5	10.93	63	49056	34.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125322	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	167812	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

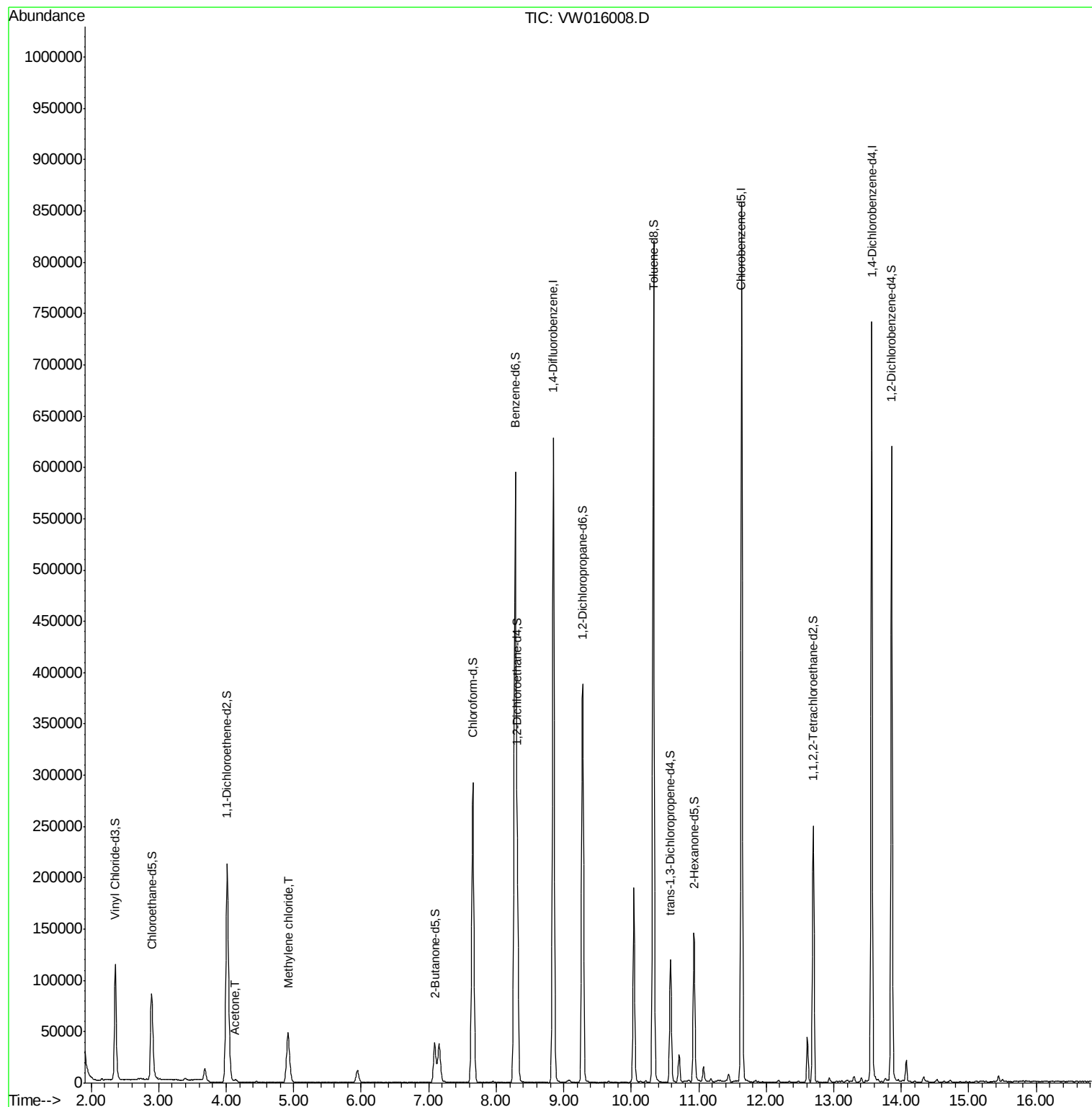
Target Compounds					Ovalue
13) Acetone	4.14	43	4280	2.606 ug/L	75
16) Methylene chloride	4.92	84	38987	4.510 ug/L	93

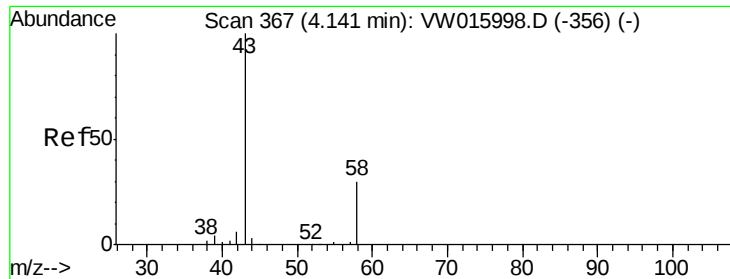
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.606 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

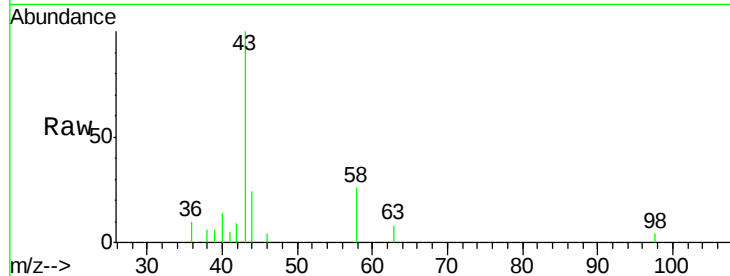
D0AB2

Tot Ion: 43 Resp: 4280

Ion Ratio Lower Upper

43 100

58 15.5 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

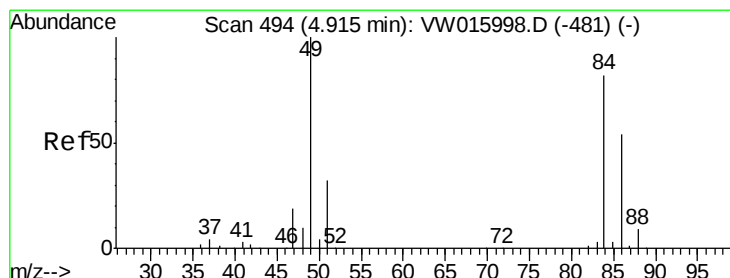
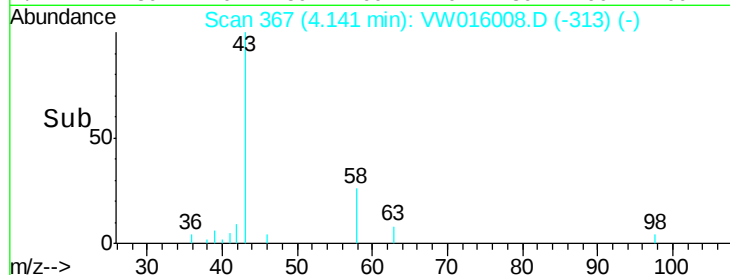
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 4.510 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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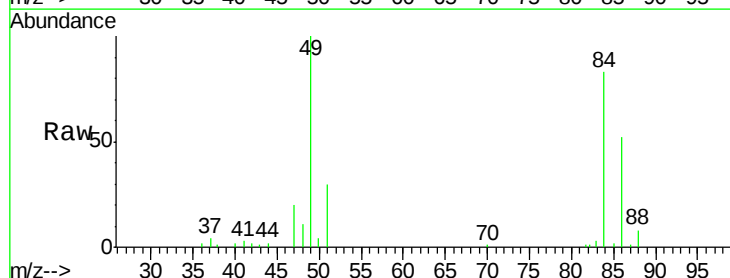
Tgt Ion: 84 Resp: 38987

Ion Ratio Lower Upper

84 100

49 120.0 91.1 169.1

86 62.1 46.0 85.4



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

4.92

20000

15000

10000

5000

0

Time-->

