

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016007.D
 Acq On : 30 Jul 2020 13:34
 Operator : SY/VA
 Sample : L3492-12
 Misc : 4.32G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:37:06 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	504850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125636	17.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.56%
7) Chloroethane-d5	2.90	69	104958	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
10) 1,1-Dichloroethene-d2	4.01	63	195118	13.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.20%
20) 2-Butanone-d5	7.09	46	66380	35.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.94%
24) Chloroform-d	7.65	84	266881	18.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.28%
26) 1,2-Dichloroethane-d4	8.31	65	140021	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	8.28	84	535555	19.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.04%
33) 1,2-Dichloropropane-d6	9.28	67	165475	19.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.40%
37) Toluene-d8	10.33	98	476557	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.64%
38) trans-1,3-Dichloropropene-	10.58	79	61549	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.28%
39) 2-Hexanone-d5	10.93	63	46734	33.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117346	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	145519	20.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.96%

Target Compounds

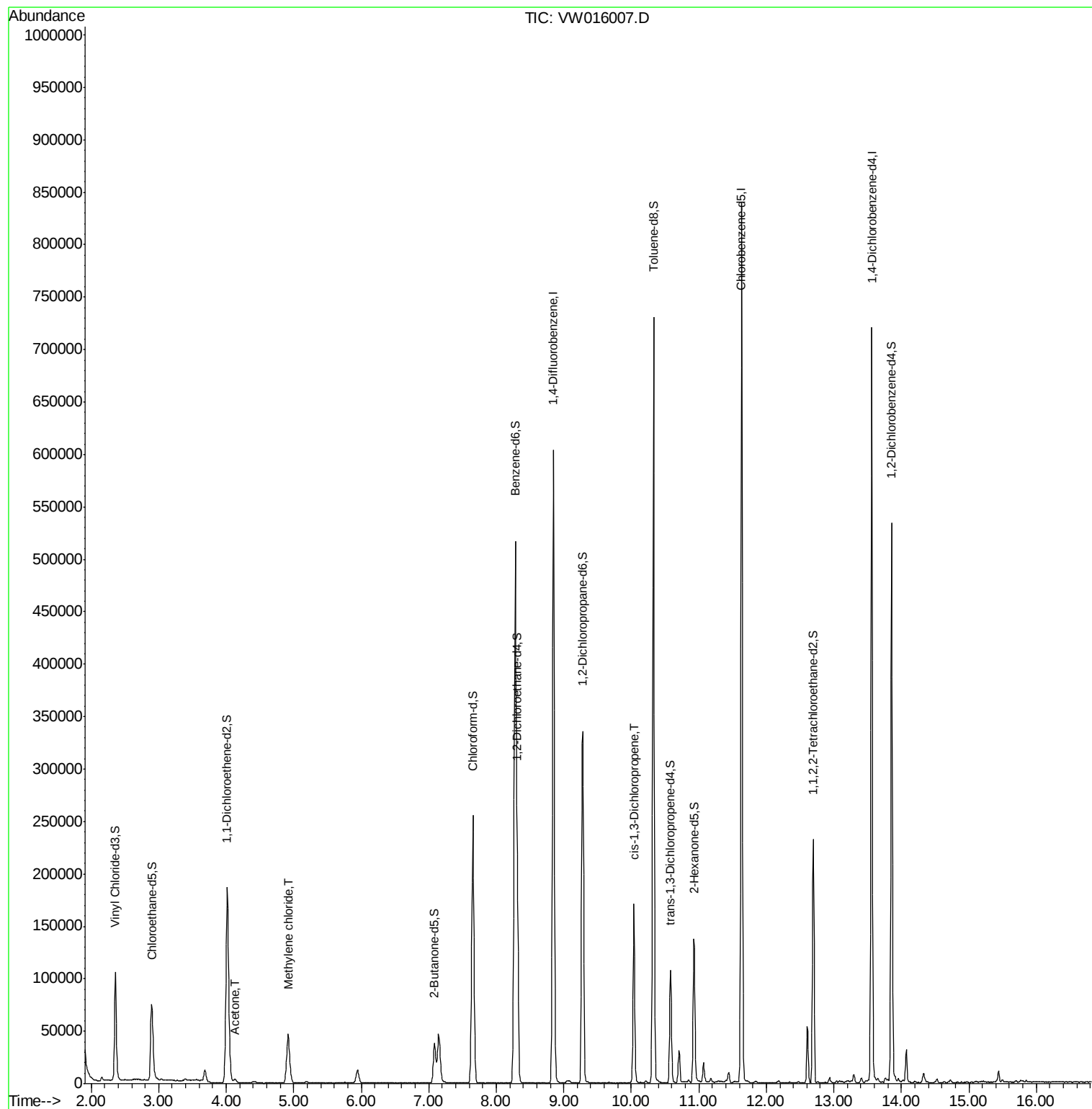
					Ovalue
13) Acetone	4.13	43	5583	3.553 ug/L	98
16) Methylene chloride	4.92	84	36420	4.403 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4073	0.389 ug/L #	64

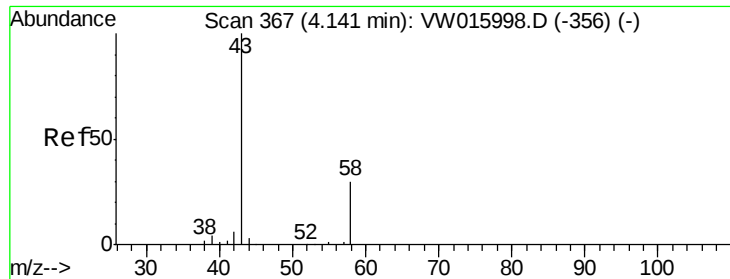
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.553 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016007.D

Acq: 30 Jul 2020 13:34

Instrument :

MSVOA_W

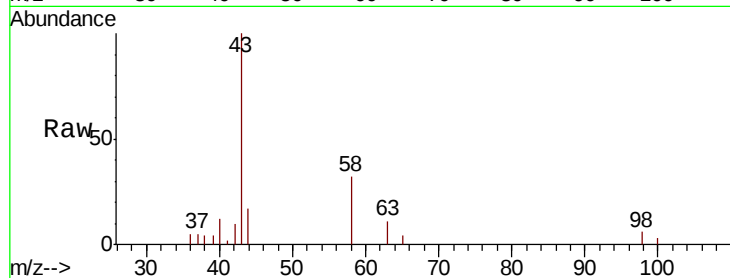
ClientSampled :

Tot Ion: 43 Resp: 5583

Ion Ratio Lower Upper

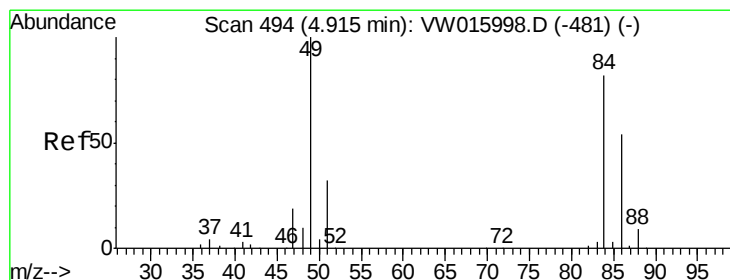
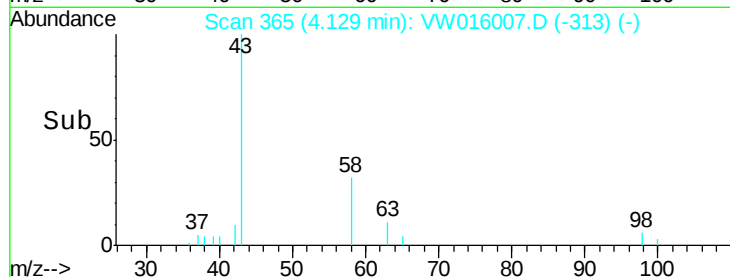
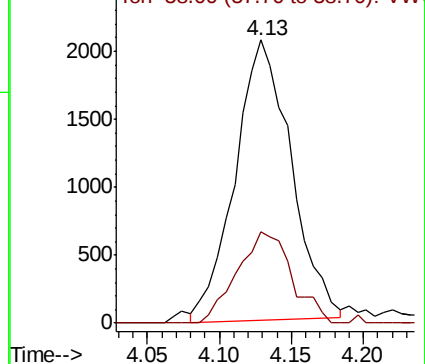
43 100

58 29.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.403 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016007.D

Acq: 30 Jul 2020 13:34

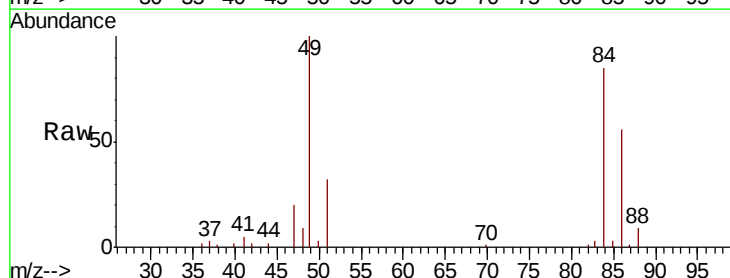
Tgt Ion: 84 Resp: 36420

Ion Ratio Lower Upper

84 100

49 117.1 91.1 169.1

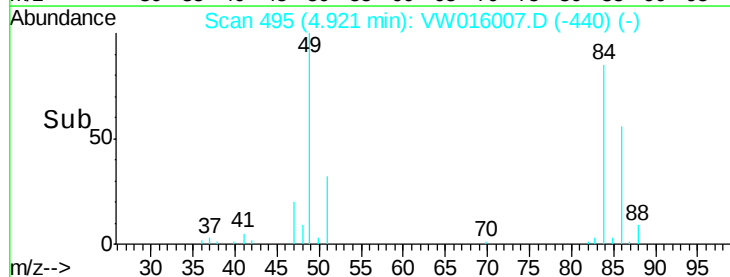
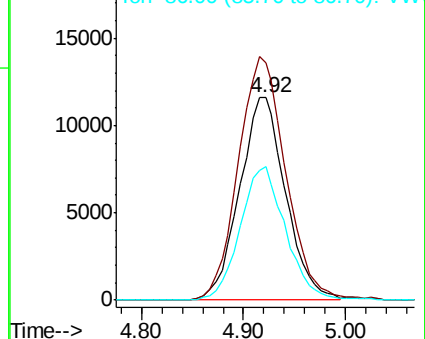
86 65.7 46.0 85.4

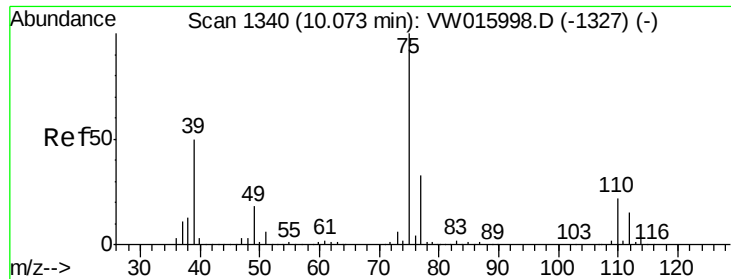


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42
 cis-1,3-Dichloropropene
 Concen: 0.389 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016007.D
 Acq: 30 Jul 2020 13:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4073
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.2 41.2#

