

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016009.D
 Acq On : 30 Jul 2020 14:22
 Operator : SY/VA
 Sample : L3492-15
 Misc : 2.92G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA8

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 11:56:27 AM

Quant Time: Jul 31 07:13:26 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	408060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166274	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110712	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.90	69	92312	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
10) 1,1-Dichloroethene-d2	4.01	63	171587	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.09	46	67550	44.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.32%
24) Chloroform-d	7.65	84	237916	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	8.31	65	130250	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.28	84	476124	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	150215	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.56%
37) Toluene-d8	10.33	98	419392	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.00%
38) trans-1,3-Dichloropropene-	10.58	79	57458	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	10.93	63	48239	41.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119487	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	142686	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds					Ovalue
13) Acetone	4.12	43	6193m	4.876 ug/L	
16) Methylene chloride	4.92	84	28860	4.316 ug/L	91

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

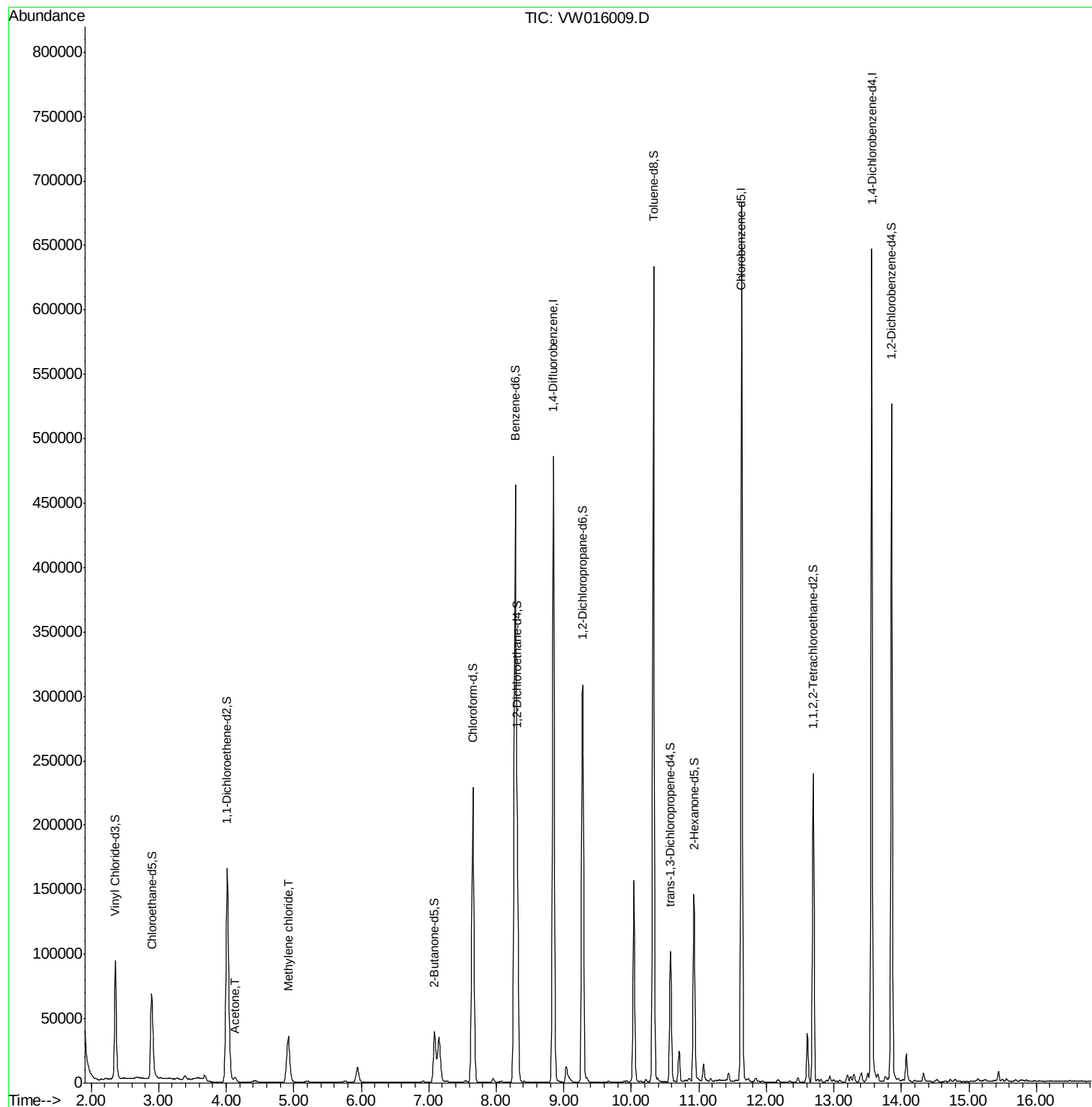
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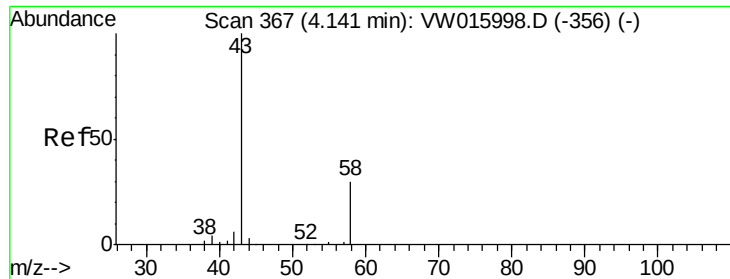
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#13

Acetone

Concen: 4.876 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016009.D

Acq: 30 Jul 2020 14:22

Instrument :

MSVOA_W

ClientSampleId :

D0AA8

Tot Ion: 43 Resp: 6193

Ion Ratio Lower Upper

43 100

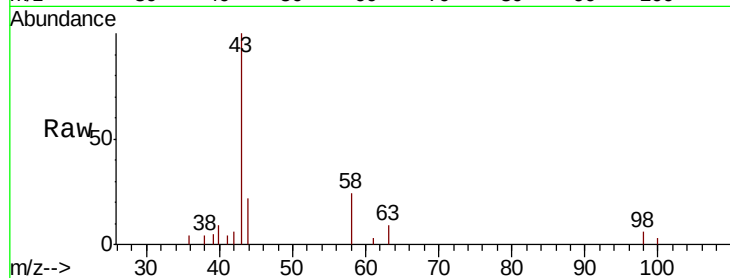
58 28.3 0.0 58.2

Manual Integrations

APPROVED

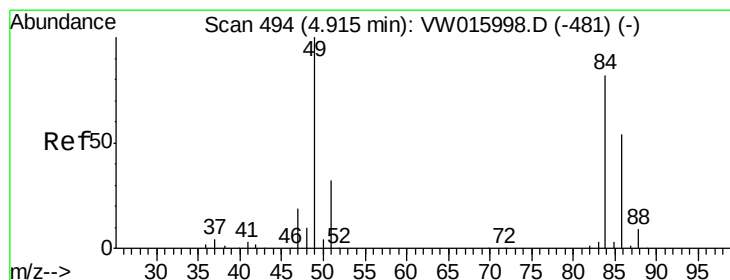
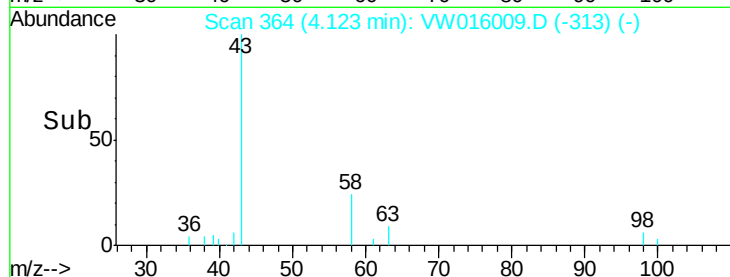
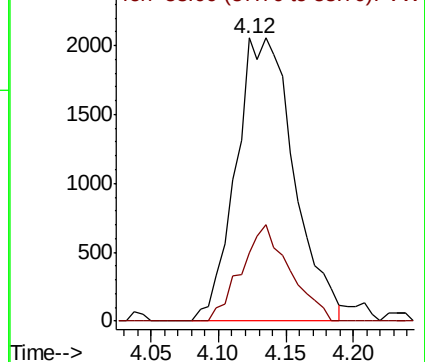
MMDadoda

8/7/2020 11:56:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.316 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 30 Jul 2020 14:22

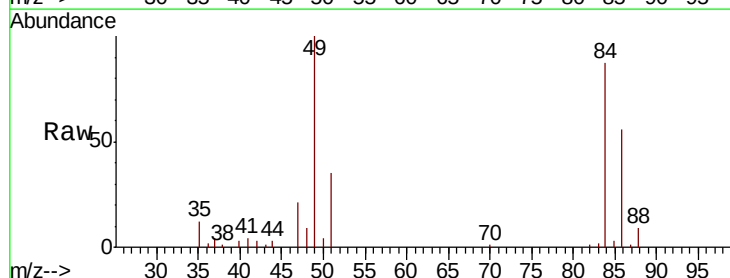
Tgt Ion: 84 Resp: 28860

Ion Ratio Lower Upper

84 100

49 114.9 91.1 169.1

86 64.7 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

