

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016675.D
 Acq On : 28 Sep 2020 18:05
 Operator : SY/VA
 Sample : L4144-04
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM2

Quant Time: Sep 29 05:29:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	923996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	830797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	394948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	128470	14.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.44%
7) Chloroethane-d5	2.91	69	117657	16.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.44%
10) 1,1-Dichloroethene-d2	4.03	63	213554	10.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.72%#
20) 2-Butanone-d5	7.08	46	85178	34.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.86%
24) Chloroform-d	7.65	84	337024	17.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.76%
26) 1,2-Dichloroethane-d4	8.31	65	181110	18.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.00%
29) Benzene-d6	8.28	84	645257	17.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.28%
33) 1,2-Dichloropropane-d6	9.28	67	184971	18.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.28%
37) Toluene-d8	10.33	98	616737	16.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.28%
38) trans-1,3-Dichloropropene-	10.59	79	80853	15.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.52%
39) 2-Hexanone-d5	10.93	63	67422	36.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157361	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	224593	17.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.20%#

Target Compounds

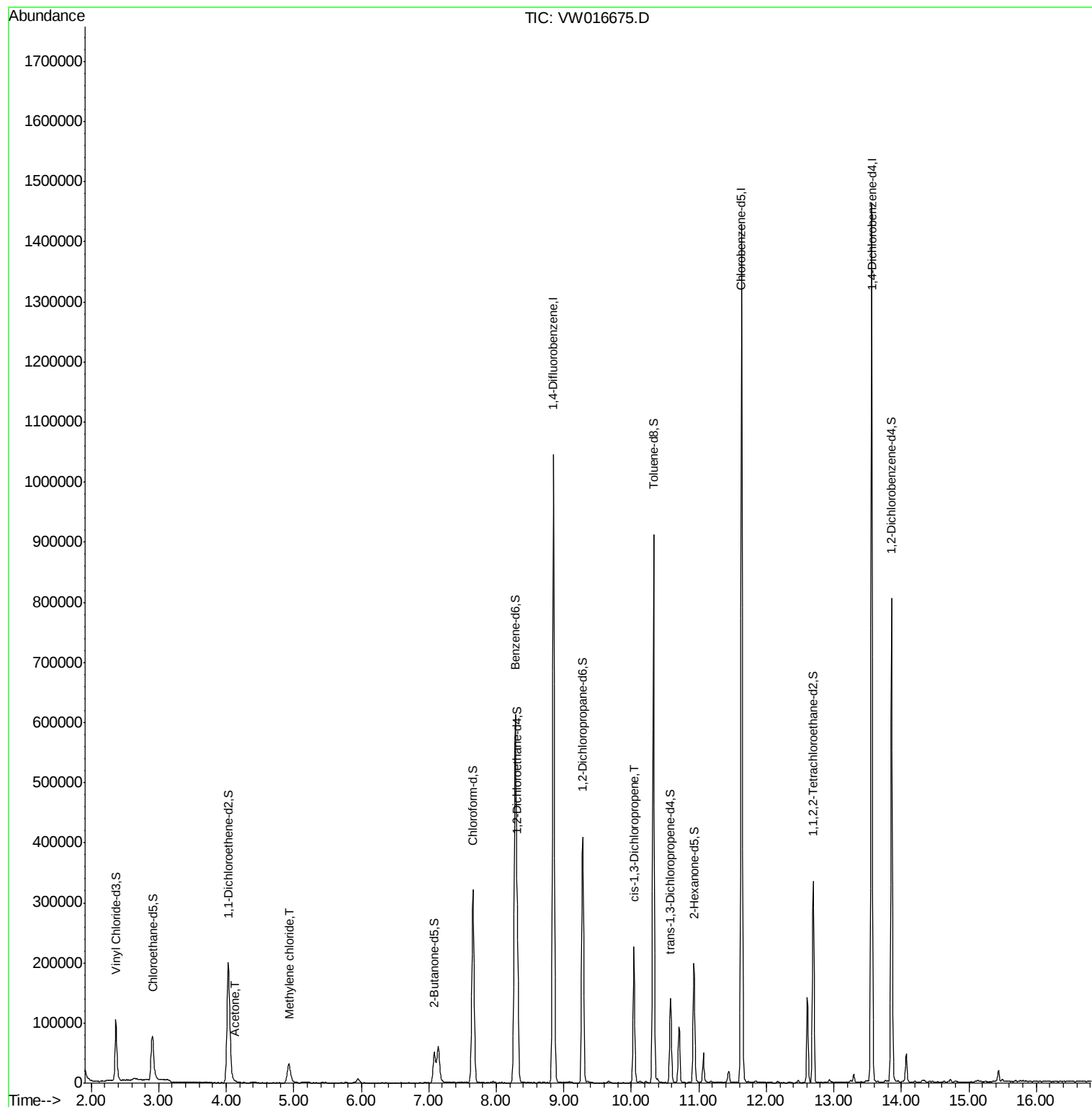
					Ovalue
13) Acetone	4.14	43	1423	0.745 ug/L	62
16) Methylene chloride	4.93	84	28390	1.992 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	6289	0.356 ug/L #	64

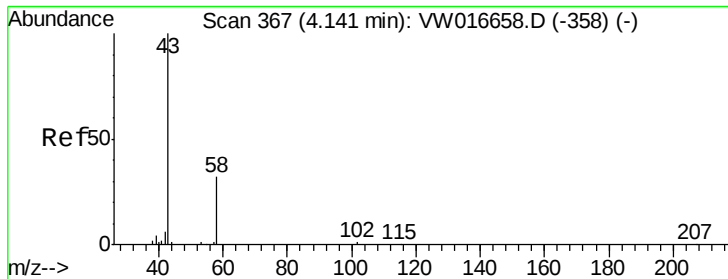
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.745 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

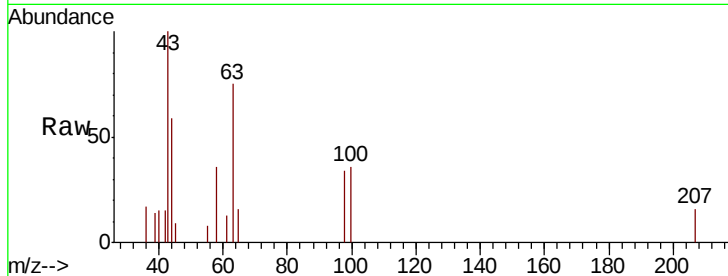
C0AM2

Tot Ion: 43 Resp: 1423

Ion Ratio Lower Upper

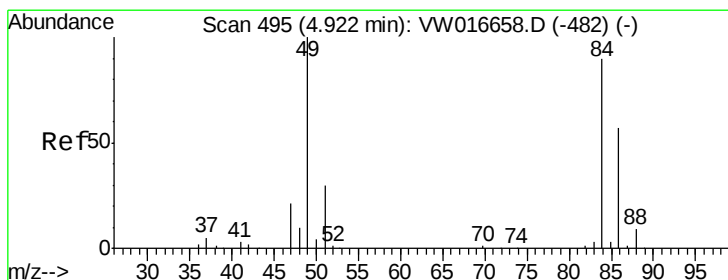
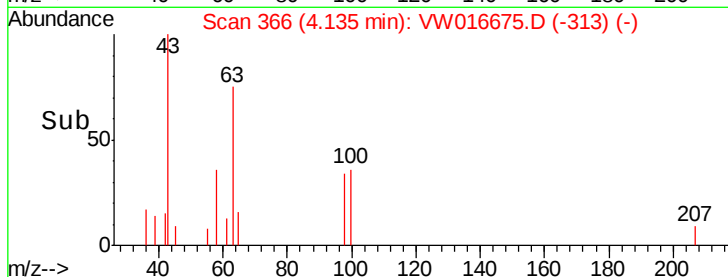
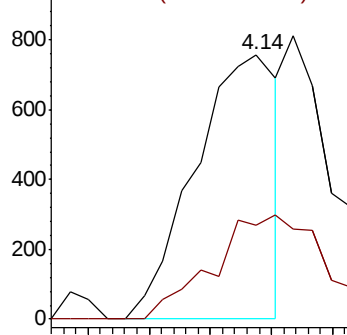
43 100

58 50.9 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.992 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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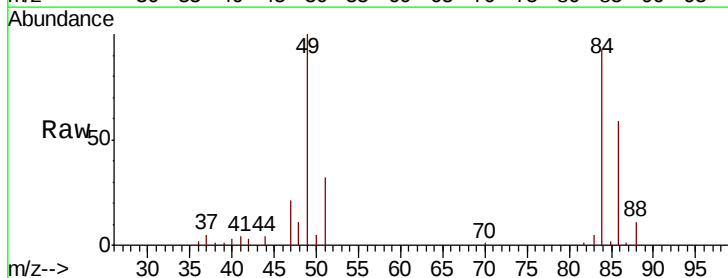
Tgt Ion: 84 Resp: 28390

Ion Ratio Lower Upper

84 100

49 107.1 76.0 141.2

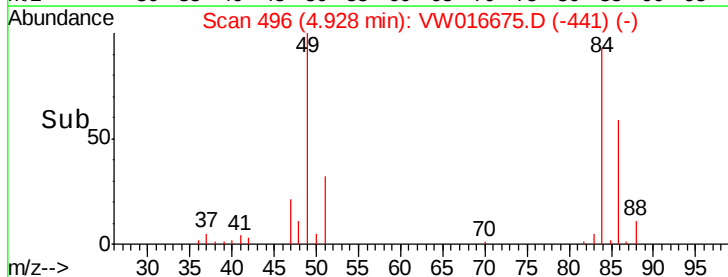
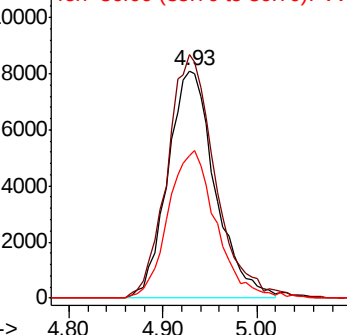
86 62.8 45.6 84.6

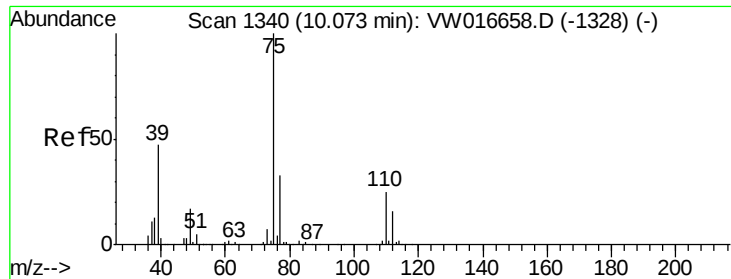


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.356 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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C0AM2

Tot Ion: 75 Resp: 6289

Ion Ratio Lower Upper

75 100

77 51.9 22.2 41.2#

