

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016674.D
 Acq On : 28 Sep 2020 17:41
 Operator : SY/VA
 Sample : L4144-03
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM1

Quant Time: Sep 29 07:21:01 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	654185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	562756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	131870	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.90	69	120786	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
10) 1,1-Dichloroethene-d2	4.03	63	220472	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	80665	46.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.44%
24) Chloroform-d	7.65	84	346518	25.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	8.31	65	182194	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.28	84	664033	26.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.24%
33) 1,2-Dichloropropane-d6	9.27	67	189557	27.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.88%
37) Toluene-d8	10.32	98	644669	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	10.58	79	82308	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	63453	51.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153874	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	243152	27.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.20%

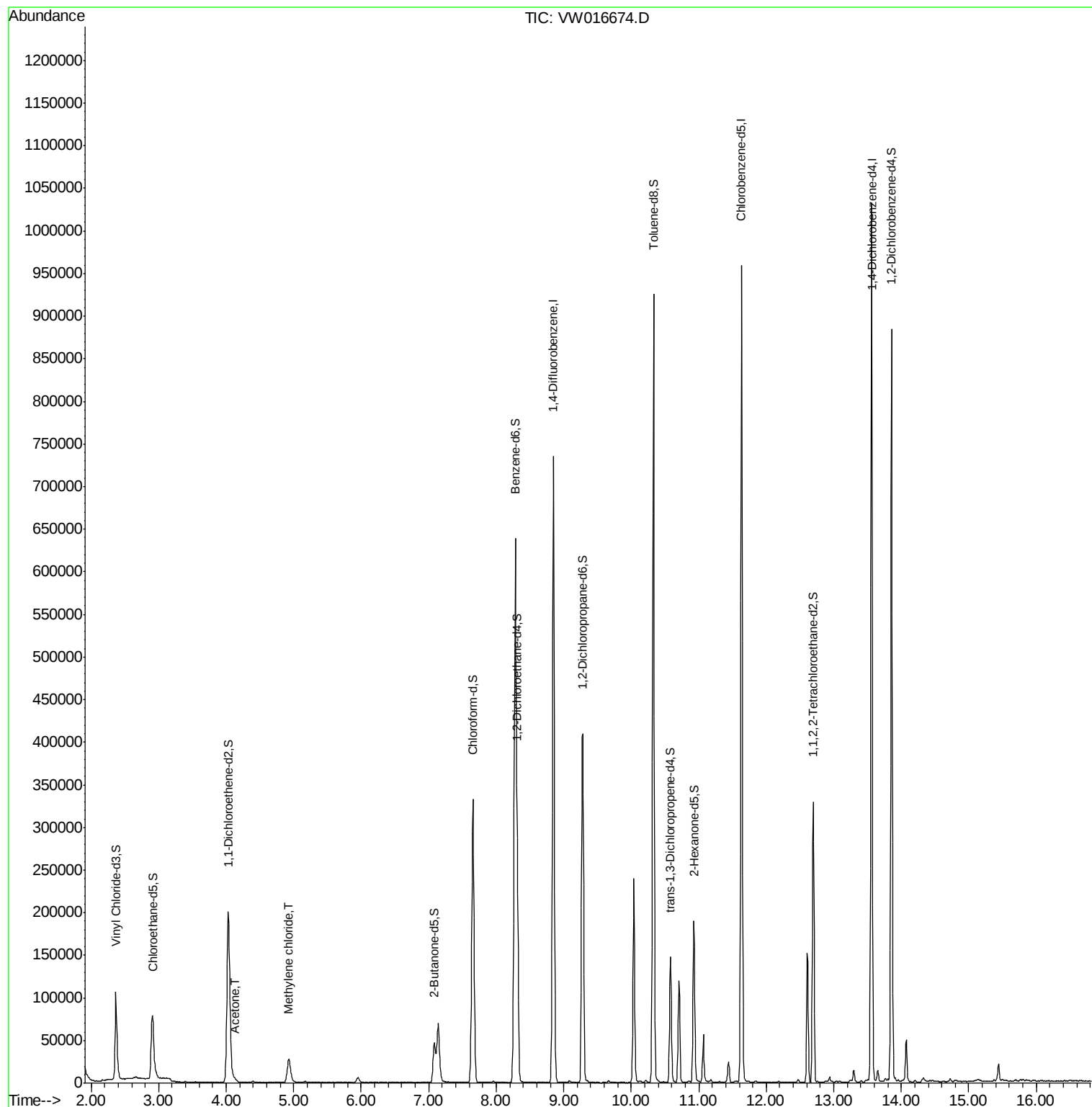
Target Compounds					Ovalue
13) Acetone	4.13	43	6137	4.538 ug/L	98
16) Methylene chloride	4.93	84	26392	2.616 ug/L	96

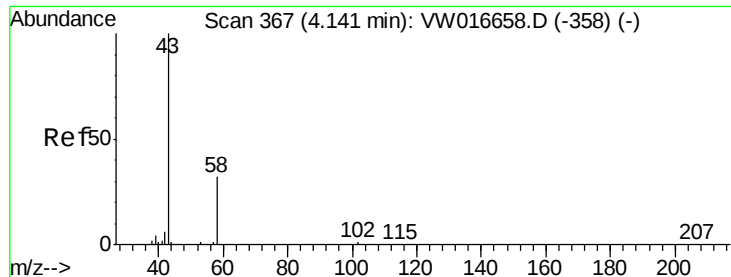
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.538 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

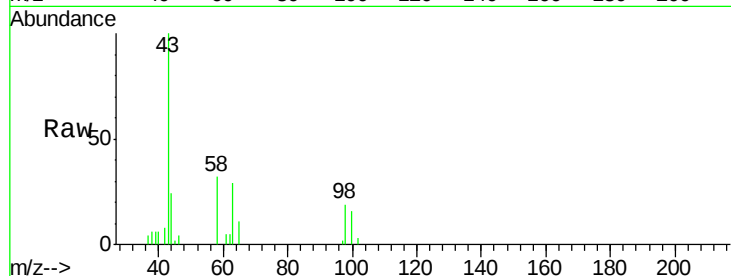
C0AM1

Tot Ion: 43 Resp: 6137

Ion Ratio Lower Upper

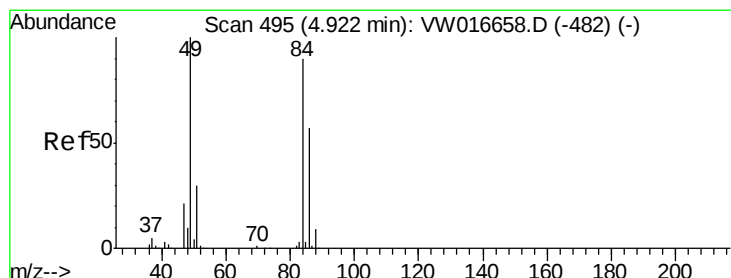
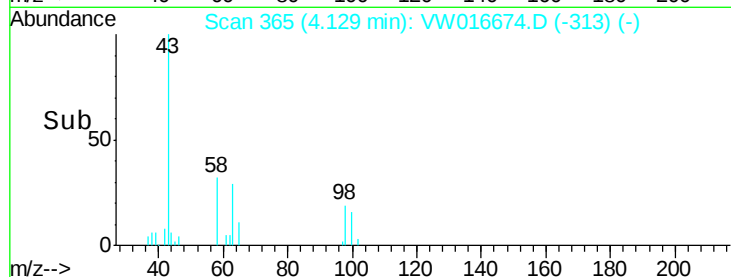
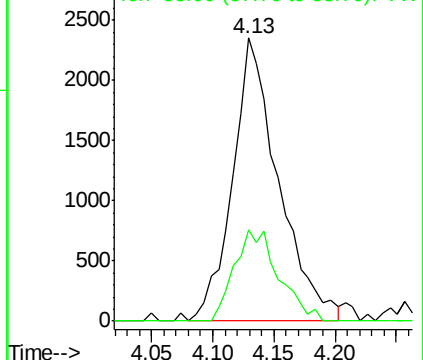
43 100

58 31.1 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: 2.616 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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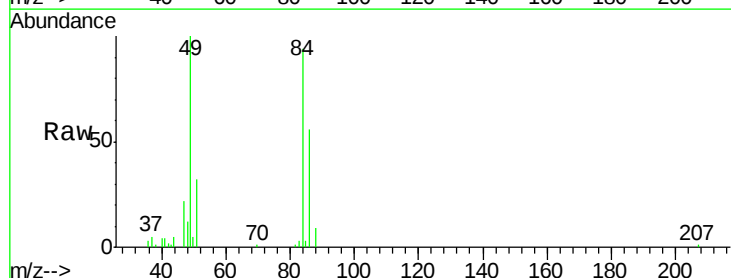
Tgt Ion: 84 Resp: 26392

Ion Ratio Lower Upper

84 100

49 106.5 76.0 141.2

86 59.2 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

