

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015951.D
 Acq On : 24 Jul 2020 15:36
 Operator : SY/VA
 Sample : L3419-18
 Misc : 4.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG7

Quant Time: Jul 25 06:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	468768	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149023	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
7) Chloroethane-d5	2.90	69	119847	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.01	63	218701	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.09	46	59566	34.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.56%
24) Chloroform-d	7.65	84	283551	21.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	8.31	65	154256	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	8.28	84	571985	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.28	67	175666	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.28%
37) Toluene-d8	10.33	98	475594	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.58	79	51352	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.72%
39) 2-Hexanone-d5	10.93	63	38477	32.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114691	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	109958	22.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.56%

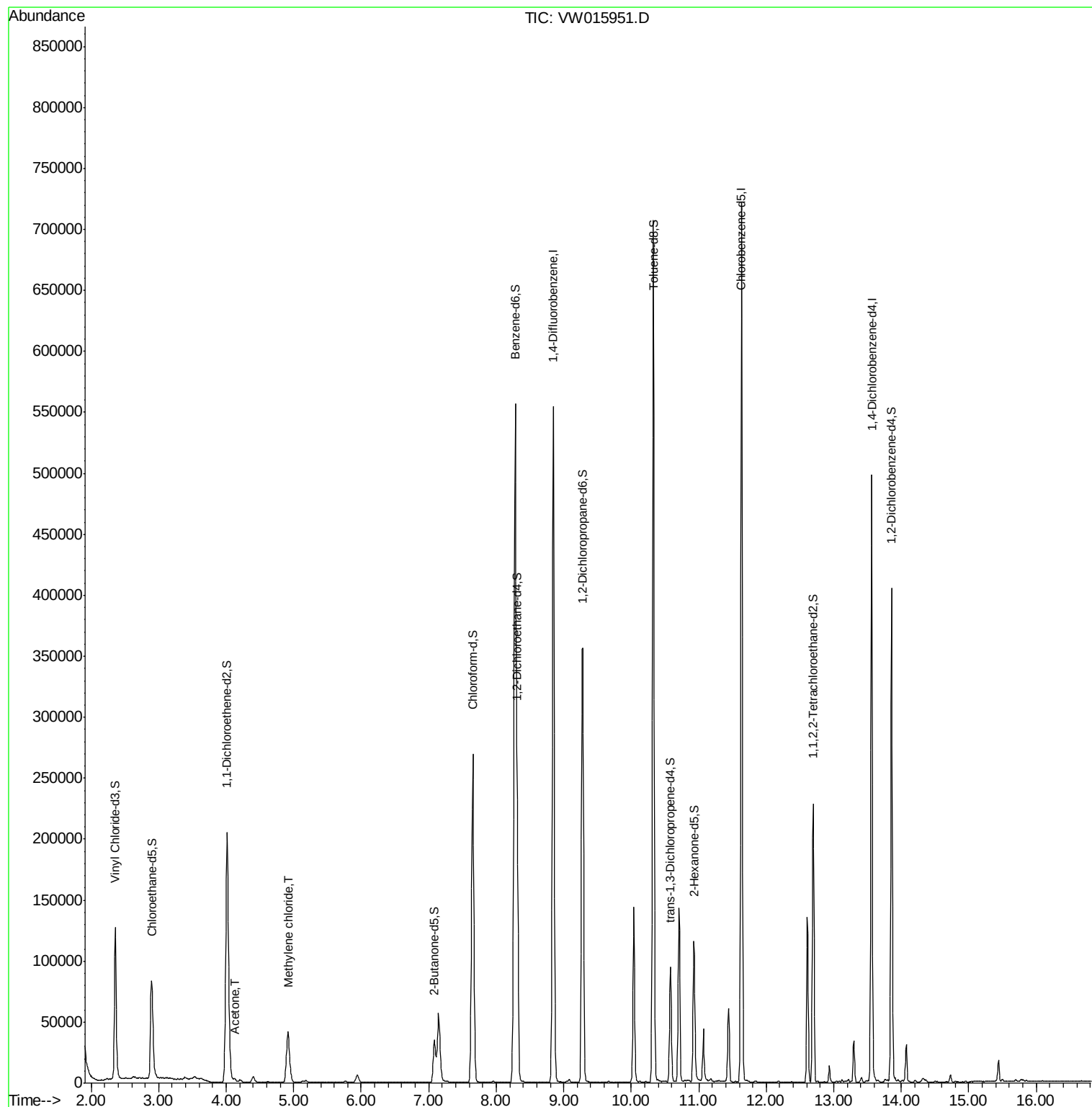
Target Compounds					Qvalue
13) Acetone	4.13	43	3774	2.586 ug/L	99
16) Methylene chloride	4.92	84	33154	4.316 ug/L	91

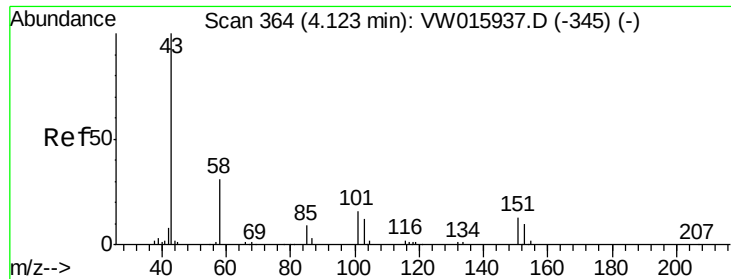
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.586 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015951.D

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Instrument :

MSVOA_W

ClientSampled :

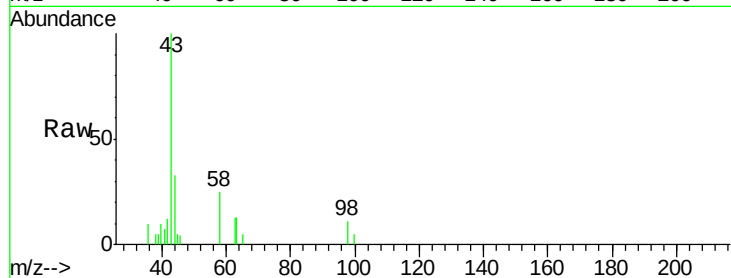
C0AG7

Tgt Ion: 43 Resp: 3774

Ion Ratio Lower Upper

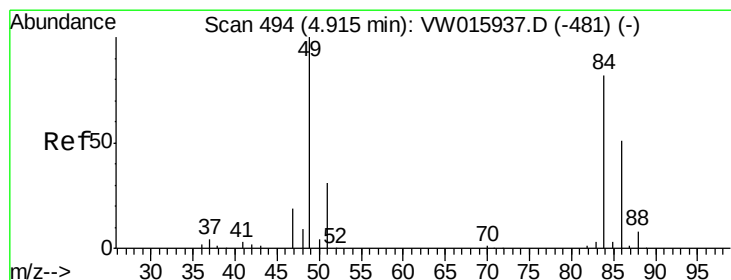
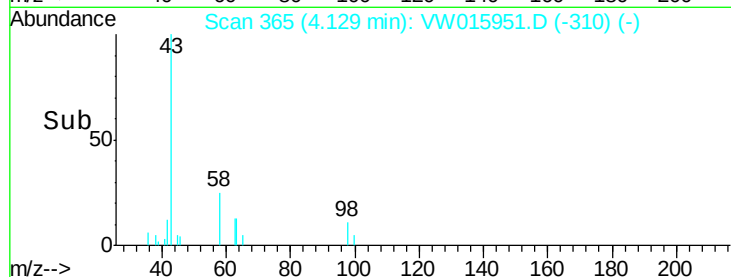
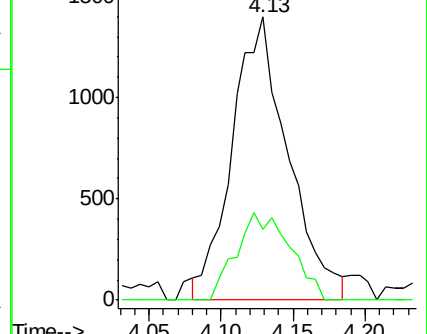
43 100

58 29.7 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: 4.316 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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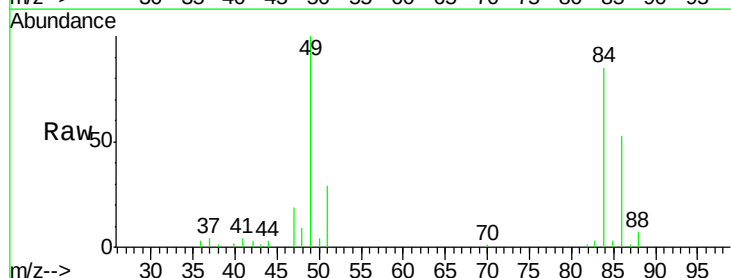
Tgt Ion: 84 Resp: 33154

Ion Ratio Lower Upper

84 100

49 117.7 91.1 169.1

86 62.2 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

