

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017352.D
 Acq On : 19 Nov 2020 00:56
 Operator : SY/VA
 Sample : L4749-20
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B22

Quant Time: Nov 19 06:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285777	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123519	23.32	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.89	69	98766	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
10) 1,1-Dichloroethene-d2	4.02	63	154797	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.08	46	29368	33.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.52%
24) Chloroform-d	7.65	84	218772	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	107575	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.27	84	410184	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	9.27	67	118604	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.52%
37) Toluene-d8	10.32	98	356544	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.59	79	35070	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.08%
39) 2-Hexanone-d5	10.93	63	20529	35.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77240	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	80278	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

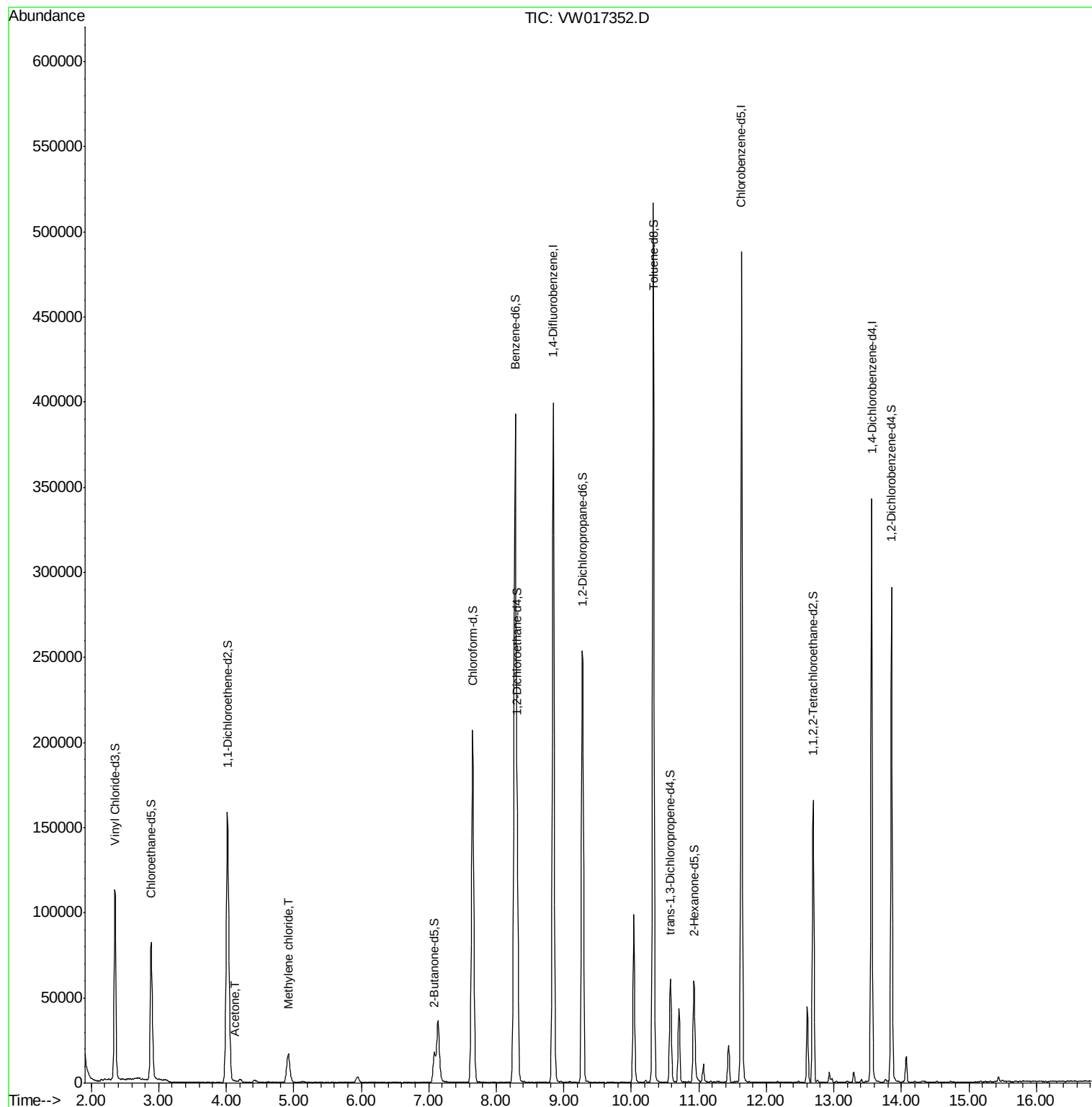
Target Compounds					Ovalue
13) Acetone	4.14	43	1125	1.772 ug/L	87
16) Methylene chloride	4.93	84	14910	2.436 ug/L	95

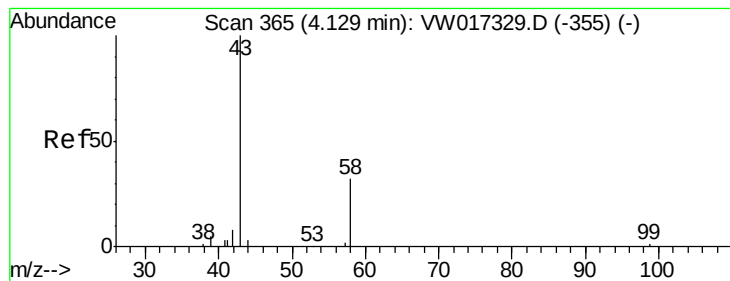
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.772 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

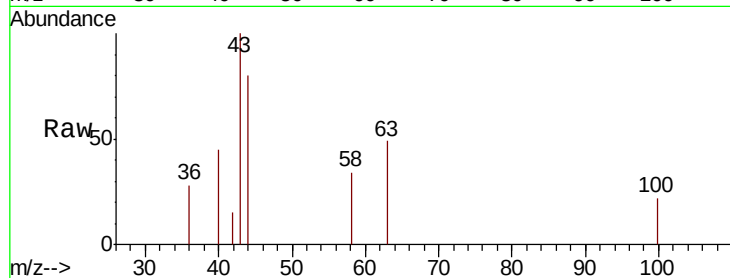
C0B22

Tot Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

58 26.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

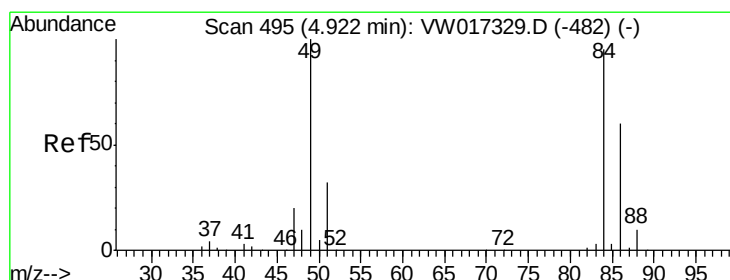
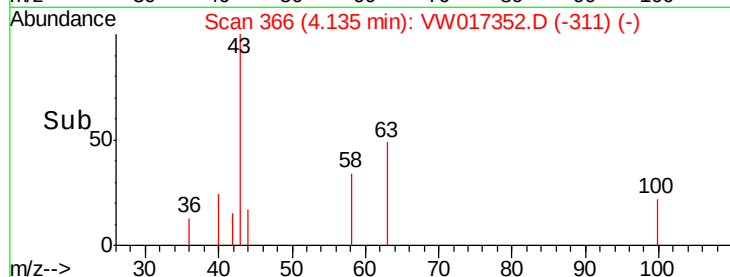
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.436 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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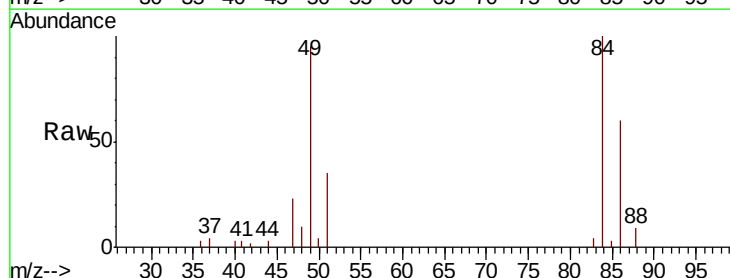
Tgt Ion: 84 Resp: 14910

Ion Ratio Lower Upper

84 100

49 94.9 71.5 132.9

86 59.6 42.8 79.4



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

6000

5000

4000

3000

2000

1000

0

Time--> 4.80 4.90 5.00

